

# Transportation in Canada

## STATISTICAL ADDENDUM

# 2018



Transport  
Canada

Transports  
Canada

Canada



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# TRANSPORTATION AND THE ECONOMY

**Table EC1: Economic Indicators, 2018**

|                                                                                            | 2018 (level)     | 2017 to 2018<br>(percentage<br>change) | 2013 to 2017<br>(CAGR) | 2018 Share of total<br>GDP (percentage) |
|--------------------------------------------------------------------------------------------|------------------|----------------------------------------|------------------------|-----------------------------------------|
| <b>GDP at Basic Prices (millions of constant 2012 dollars)</b>                             |                  |                                        |                        |                                         |
| <b>All industries</b>                                                                      | <b>1,947,181</b> | <b>2.3</b>                             | <b>2.1</b>             | <b>100.0</b>                            |
| <b>Goods-Producing Industries</b>                                                          | <b>585,239</b>   | <b>2.8</b>                             | <b>1.7</b>             | <b>30.1</b>                             |
| Manufacturing                                                                              | 203,695          | 2.6                                    | 2.2                    | 10.5                                    |
| Mining, quarrying, and oil and gas extraction                                              | 156,179          | 5.9                                    | 3.0                    | 8.0                                     |
| Construction                                                                               | 142,626          | 0.6                                    | 0.2                    | 7.3                                     |
| Agriculture, forestry, fishing and hunting                                                 | 40,187           | 2.6                                    | 0.1                    | 2.1                                     |
| <b>Service-Producing Industries</b>                                                        | <b>1,361,942</b> | <b>2.1</b>                             | <b>2.2</b>             | <b>69.9</b>                             |
| Real estate and rental and leasing                                                         | 245,436          | 1.7                                    | 2.8                    | 12.6                                    |
| Wholesale Trade                                                                            | 103,753          | 2.9                                    | 1.5                    | 5.3                                     |
| Retail trade                                                                               | 100,112          | 0.8                                    | 2.4                    | 5.1                                     |
| <b>Transportation (core)</b>                                                               | <b>74,790</b>    | <b>3.0</b>                             | <b>3.9</b>             | <b>3.8</b>                              |
| Air transportation                                                                         | 9,798            | 6.7                                    | 9.9                    | 0.5                                     |
| Rail transportation                                                                        | 8,474            | 3.9                                    | 3.7                    | 0.4                                     |
| Water transportation                                                                       | 1,816            | (1.7)                                  | 1.4                    | 0.1                                     |
| Truck transportation                                                                       | 21,965           | 1.9                                    | 3.3                    | 1.1                                     |
| Urban transit systems                                                                      | 5,635            | 0.3                                    | 1.4                    | 0.3                                     |
| Taxi and limousine services                                                                | 996              | 8.5                                    | 0.1                    | 0.1                                     |
| Other ground and sightseeing                                                               | 2,263            | 1.4                                    | 0.3                    | 0.1                                     |
| Support activities for transportation                                                      | 17,251           | 3.3                                    | 7.1                    | 0.9                                     |
| Postal service and couriers and messengers                                                 | 6,592            | 2.9                                    | (2.3)                  | 0.3                                     |
| Pipelines                                                                                  | 10,052           | 2.3                                    | 6.1                    | 0.5                                     |
| Warehousing and storage                                                                    | 3,362            | 13.3                                   | 2.1                    | 0.2                                     |
| <b>Transportation and warehousing (NAICS)</b>                                              | <b>88,204</b>    | <b>3.3</b>                             | <b>4.1</b>             | <b>4.5</b>                              |
| <b>GDP at Basic Prices (millions of chained 2012 dollars)<sup>1</sup></b>                  |                  |                                        |                        |                                         |
| <b>All industries</b>                                                                      | <b>1,937,021</b> | <b>2.0</b>                             | <b>2.0</b>             |                                         |
| Goods-producing sector                                                                     | 576,208          | 2.0                                    | 1.5                    |                                         |
| Service-producing sector                                                                   | 1,359,294        | 2.0                                    | 2.2                    |                                         |
| <b>Transportation and Warehousing (NAICS)</b>                                              | <b>87,787</b>    | <b>3.2</b>                             | <b>4.0</b>             |                                         |
| Air transportation                                                                         | 9,921            | 6.9                                    | 10.2                   |                                         |
| Rail transportation                                                                        | 8,453            | 3.8                                    | 3.7                    |                                         |
| Water transportation                                                                       | 1,780            | (2.6)                                  | 1.1                    |                                         |
| Truck transportation                                                                       | 21,763           | 1.7                                    | 3.1                    |                                         |
| <b>Real GDP (millions of 2012 chained dollars)<sup>2</sup></b>                             | <b>2,053,423</b> | <b>1.8</b>                             | <b>1.9</b>             |                                         |
| <b>Merchandise Trade (Customs basis, millions of current dollars)<sup>3</sup></b>          |                  |                                        |                        |                                         |
| Exports                                                                                    | 582,989          | 6.7                                    | 3.7                    |                                         |
| Imports                                                                                    | 594,749          | 5.9                                    | 4.2                    |                                         |
| <b>Services Trade (Balance of Payments basis, millions of current dollars)<sup>4</sup></b> |                  |                                        |                        |                                         |
| <b>Transportation services</b>                                                             |                  |                                        |                        |                                         |
| Receipts (exports)                                                                         | 17,758           | 4.3                                    | 4.2                    |                                         |
| Payments (imports)                                                                         | 31,491           | 9.7                                    | 4.5                    |                                         |
| <b>Travel services</b>                                                                     |                  |                                        |                        |                                         |
| Receipts (exports)                                                                         | 28,424           | 7.7                                    | 9.7                    |                                         |
| Payments (imports)                                                                         | 43,087           | 4.3                                    | 3.4                    |                                         |
| <b>Tourism Indicators (Thousands of persons)</b>                                           |                  |                                        |                        |                                         |
| Canadian residents returning from abroad                                                   | 56,340           | 3.1                                    | (4.5)                  |                                         |
| U.S. visitors to Canada                                                                    | 24,412           | 0.5                                    | 4.4                    |                                         |
| Non-U.S. visitors to Canada                                                                | 6,862            | 1.1                                    | 9.4                    |                                         |
| <b>Canadian Dollar, Foreign Exchange (CDN cents per US\$)<sup>6</sup></b>                  | <b>129.57</b>    | <b>(0.2)</b>                           | <b>6.0</b>             |                                         |
| <b>Population (Thousands)<sup>7</sup></b>                                                  | <b>37,059</b>    | <b>1.4</b>                             | <b>1.0</b>             |                                         |
| <b>Employment (Thousands)<sup>8</sup></b>                                                  | <b>18,658</b>    | <b>1.3</b>                             | <b>1.0</b>             |                                         |

Table E1 continues on the next page

**Table EC1: Economic Indicators, 2018**

|                                                                       | 2018 (level) | 2017 to 2018<br>(percentage<br>change) | 2013 to 2017<br>(CAGR) |
|-----------------------------------------------------------------------|--------------|----------------------------------------|------------------------|
| <b>Household Income and Consumption (current dollars)</b>             |              |                                        |                        |
| Household disposable income per capita <sup>9</sup>                   | 33,069       | 2.0                                    | 2.1                    |
| Household final consumption per capita (total) <sup>10</sup>          | 33,942       | 2.4                                    | 2.9                    |
| Household final consumption per capita (transportation) <sup>10</sup> | 5,460        | 2.8                                    | 3.3                    |
| <b>Price indices</b>                                                  |              |                                        |                        |
| GDP implicit deflator (2012=100) <sup>2</sup>                         | 106.3        | 0.1                                    | 1.1                    |
| Terms of trade (2012 = 100) <sup>11</sup>                             | 92.9         | 2.3                                    | (2.6)                  |
| Consumer Price Index (2002=100) <sup>12</sup>                         |              |                                        |                        |
| All-items                                                             | 133.4        | 2.3                                    | 1.5                    |
| Transportation                                                        | 139.1        | 4.7                                    | 0.7                    |

Notes: CAGR= Compound Annual Growth Rate. GDP= Gross Domestic Product. NAICS= North American Industry Classification System. BOP = Balance of Payments. This edition of Table EC1 features a change at source from 2007 dollars to 2012 dollars. As a result, it is not directly comparable to those found in prior Addendums.

*Sources:*

1 Statistics Canada, Table 36-10-0434-01

2 Statistics Canada, Table 36-10-0104-01

3 Transport Canada, adapted from Statistics Canada, International Trade Database

4 Statistics Canada, Table 12-10-0134-01

5 Statistics Canada, Table 24-10-0041-01

6 Bank of Canada Annual Exchange Rates

7 Statistics Canada, Table 17-10-0009-01

8 Statistics Canada, Table 14-10-0327-01

9 Derived from Statistics Canada, Tables 36-10-0112-01 and 17-10-0009-01

10 Derived from Statistics Canada, Tables 36-10-0124-01 and 17-10-0009-01. Includes transport insurance.

11 Statistics Canada, Table 12-10-0128-01. Calculated based on merchandise trade, customs, unadjusted, Laspeyres basis.

12 Statistics Canada, Table 18-10-0004-01

**Table EC2: Transportation Sector GDP and GDP Shares by Province and Territory, 2015**

|                           | Transport <sup>1</sup> Sector GDP<br>(millions of current dollars) | Share of National Total | Transport Share of Overall<br>Prov./Terr. GDP |
|---------------------------|--------------------------------------------------------------------|-------------------------|-----------------------------------------------|
| Newfoundland and Labrador | 944.3                                                              | 1.3                     | 3.3                                           |
| Prince Edward Island      | 183.9                                                              | 0.3                     | 3.3                                           |
| Nova Scotia               | 1,196.2                                                            | 1.6                     | 3.2                                           |
| New Brunswick             | 1,416.0                                                            | 1.9                     | 4.6                                           |
| Quebec                    | 14,672.3                                                           | 20.1                    | 4.1                                           |
| Ontario                   | 26,362.5                                                           | 36.2                    | 3.7                                           |
| Manitoba                  | 2,962.2                                                            | 4.1                     | 4.9                                           |
| Saskatchewan              | 2,146.9                                                            | 2.9                     | 2.9                                           |
| Alberta                   | 10,288.7                                                           | 14.1                    | 3.3                                           |
| British Columbia          | 12,336.8                                                           | 16.9                    | 5.4                                           |
| Yukon                     | 77.9                                                               | 0.1                     | 3.1                                           |
| Northwest Territories     | 253.7                                                              | 0.3                     | 5.5                                           |
| Nunavut                   | 64.7                                                               | 0.1                     | 2.7                                           |
| <b>Total</b>              | <b>72,906.1</b>                                                    | <b>100.0</b>            |                                               |

Notes: GDP= Gross Domestic Product. Most recent GDP by industry and province data available as of March 7, 2018. Current dollar estimates.

1 Transport Sector, excluding both Pipelines and Warehousing

Source: Statistics Canada, Table 36-10-0402-01

**Table EC3: Aggregate Household Final Consumption Expenditures on Transportation, 2018**

|                                                                                 | <i>2018 (millions of<br/>current dollars)</i> | <i>2018 Per cent share<br/>of transportation<br/>expenses</i> | <i>Per cent change<br/>(2017 to 2018)</i> | <i>CAGR<br/>(2013 to 2017)</i> |
|---------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------|-------------------------------------------|--------------------------------|
| <b>New and Used Transportation Equipment</b>                                    |                                               |                                                               |                                           |                                |
| New passenger cars                                                              | 17,750                                        | 8.8                                                           | (6.2)                                     | (0.6)                          |
| New trucks, vans and sport utility vehicles                                     | 45,420                                        | 22.4                                                          | 1.8                                       | 12.6                           |
| Used motor vehicles                                                             | 17,902                                        | 8.8                                                           | 4.3                                       | 7.5                            |
| Other vehicles                                                                  | 3,366                                         | 1.7                                                           | 0.9                                       | 6.3                            |
| <b>Subtotal</b>                                                                 | <b>84,438</b>                                 | <b>41.7</b>                                                   | <b>0.5</b>                                | <b>7.7</b>                     |
| <b>Fuels and Lubricants</b>                                                     | <b>46,688</b>                                 | <b>23.1</b>                                                   | <b>10.0</b>                               | <b>(1.5)</b>                   |
| <b>Repair and Maintenance (including parts)</b>                                 |                                               |                                                               |                                           |                                |
| Spare parts and accessories for vehicles                                        | 18,256                                        | 9.0                                                           | 4.9                                       | 5.5                            |
| Maintenance and repair of vehicles                                              | 11,312                                        | 5.6                                                           | 5.7                                       | 4.5                            |
| <b>Subtotal</b>                                                                 | <b>29,568</b>                                 | <b>14.6</b>                                                   | <b>5.2</b>                                | <b>5.1</b>                     |
| <b>Other Motor Vehicle Related Services</b>                                     |                                               |                                                               |                                           |                                |
| Passenger vehicle renting                                                       | 1,315                                         | 0.6                                                           | 2.0                                       | 3.7                            |
| Insurance related to transport                                                  | 7,678                                         | 3.8                                                           | 4.9                                       | 1.8                            |
| Parking                                                                         | 3,270                                         | 1.6                                                           | 4.1                                       | 5.1                            |
| Other services related to the operation of transport equipment                  | 2,623                                         | 1.3                                                           | 1.8                                       | 5.9                            |
| <b>Subtotal</b>                                                                 | <b>14,886</b>                                 | <b>7.4</b>                                                    | <b>3.9</b>                                | <b>3.4</b>                     |
| <b>Commercial Transportation</b>                                                |                                               |                                                               |                                           |                                |
| Urban transit                                                                   | 4,751                                         | 2.3                                                           | 2.9                                       | 3.3                            |
| Railway transport                                                               | 326                                           | 0.2                                                           | 7.2                                       | 7.7                            |
| Interurban bus                                                                  | 1,174                                         | 0.6                                                           | (3.4)                                     | (0.5)                          |
| Air transport                                                                   | 15,666                                        | 7.7                                                           | 8.6                                       | 6.4                            |
| Water transport                                                                 | 498                                           | 0.2                                                           | 4.2                                       | 4.2                            |
| Taxi and limousine                                                              | 1,340                                         | 0.7                                                           | 3.8                                       | 3.6                            |
| Other transport services                                                        | 3,013                                         | 1.5                                                           | 4.8                                       | 3.3                            |
| <b>Subtotal</b>                                                                 | <b>26,768</b>                                 | <b>13.2</b>                                                   | <b>6.2</b>                                | <b>4.9</b>                     |
| <b>Total Household Expenditures on Transportation<br/>(including insurance)</b> | <b>202,348</b>                                | <b>100.0</b>                                                  | <b>4.2</b>                                | <b>4.3</b>                     |

Note: CAGR= Compound Annual Growth Rate.

Source: Statistics Canada, Table 36-10-0124-01

**Table EC4: Volume of Goods in Domestic Trade, by Sector and Mode of Transport, 2007–2016**

(Millions of tonnes)

| <b>Intraprovincial Movements</b> |                          |             |               |            |              |                                |             |               |            |
|----------------------------------|--------------------------|-------------|---------------|------------|--------------|--------------------------------|-------------|---------------|------------|
| <i>Year</i>                      | <i>Mode of Transport</i> |             |               |            |              | <i>Modal Share in Per Cent</i> |             |               |            |
|                                  | <i>For-Hire Trucking</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Total</i> | <i>For-Hire Trucking</i>       | <i>Rail</i> | <i>Marine</i> | <i>Air</i> |
| 2007                             | 452.5                    | 51.0        | 42.2          | N/A        | 545.6        | 82.9                           | 9.3         | 7.7           | N/A        |
| 2008                             | 434.6                    | 49.7        | 43.8          | N/A        | 528.1        | 82.3                           | 9.4         | 8.3           | N/A        |
| 2009                             | 383.8                    | 40.8        | 36.1          | N/A        | 460.8        | 83.3                           | 8.9         | 7.8           | N/A        |
| 2010                             | 425.7                    | 49.5        | 38.2          | N/A        | 513.3        | 82.9                           | 9.6         | 7.4           | N/A        |
| 2011                             | 447.8                    | 52.6        | 40.7          | N/A        | 541.1        | 82.8                           | 9.7         | 7.5           | N/A        |
| 2012                             | 494.4                    | 56.3        | N/A           | N/A        | 550.8        | 89.8                           | 10.2        | N/A           | N/A        |
| 2013                             | 518.3                    | 56.6        | N/A           | N/A        | 574.9        | 90.2                           | 9.8         | N/A           | N/A        |
| 2014                             | 550.2                    | 53.5        | N/A           | N/A        | 603.7        | 91.1                           | 8.9         | N/A           | N/A        |
| 2015 <sup>R</sup>                | 545.3                    | 53.0        | N/A           | N/A        | 598.3        | 91.1                           | 8.9         | N/A           | N/A        |
| 2016 <sup>P</sup>                | 579.0                    | 49.8        | N/A           | N/A        | 628.8        | 92.1                           | 7.9         | N/A           | N/A        |

| <b>Interprovincial Movements</b> |                          |             |               |            |              |                                |             |               |            |
|----------------------------------|--------------------------|-------------|---------------|------------|--------------|--------------------------------|-------------|---------------|------------|
| <i>Year</i>                      | <i>Mode of Transport</i> |             |               |            |              | <i>Modal Share in Per Cent</i> |             |               |            |
|                                  | <i>For-Hire Trucking</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Total</i> | <i>For-Hire Trucking</i>       | <i>Rail</i> | <i>Marine</i> | <i>Air</i> |
| 2007                             | 68.0                     | 122.6       | 25.5          | N/A        | 216.1        | 31.5                           | 56.7        | 11.8          | N/A        |
| 2008                             | 67.8                     | 118.0       | 25.3          | N/A        | 211.0        | 32.1                           | 55.9        | 12.0          | N/A        |
| 2009                             | 66.9                     | 115.5       | 18.0          | N/A        | 200.4        | 33.4                           | 57.7        | 9.0           | N/A        |
| 2010                             | 69.4                     | 121.5       | 20.1          | N/A        | 211.1        | 32.9                           | 57.6        | 9.5           | N/A        |
| 2011                             | 72.4                     | 125.0       | 21.5          | N/A        | 218.9        | 33.1                           | 57.1        | 9.8           | N/A        |
| 2012                             | 78.5                     | 126.1       | N/A           | N/A        | 204.6        | 38.4                           | 61.6        | N/A           | N/A        |
| 2013                             | 74.6                     | 120.4       | N/A           | N/A        | 195.0        | 38.3                           | 61.7        | N/A           | N/A        |
| 2014                             | 78.0                     | 128.4       | N/A           | N/A        | 206.4        | 37.8                           | 62.2        | N/A           | N/A        |
| 2015 <sup>R</sup>                | 81.9                     | 132.4       | N/A           | N/A        | 214.3        | 38.2                           | 61.8        | N/A           | N/A        |
| 2016 <sup>P</sup>                | 74.0                     | 130.7       | N/A           | N/A        | 204.7        | 36.2                           | 63.8        | N/A           | N/A        |

| <b>Total Domestic Movements</b> |                          |             |               |            |              |                                |             |               |            |
|---------------------------------|--------------------------|-------------|---------------|------------|--------------|--------------------------------|-------------|---------------|------------|
| <i>Year</i>                     | <i>Mode of Transport</i> |             |               |            |              | <i>Modal Share in Per Cent</i> |             |               |            |
|                                 | <i>For-Hire Trucking</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Total</i> | <i>For-Hire Trucking</i>       | <i>Rail</i> | <i>Marine</i> | <i>Air</i> |
| 2007                            | 520.5                    | 173.6       | 67.7          | 0.5        | 762.3        | 68.3                           | 22.8        | 8.9           | 0.1        |
| 2008                            | 502.4                    | 167.6       | 69.1          | 0.6        | 739.7        | 67.9                           | 22.7        | 9.3           | 0.1        |
| 2009                            | 450.7                    | 156.3       | 54.1          | 0.5        | 661.6        | 68.1                           | 23.6        | 8.2           | 0.1        |
| 2010                            | 495.1                    | 170.9       | 58.3          | 0.6        | 724.9        | 68.3                           | 23.6        | 8.0           | 0.1        |
| 2011                            | 520.2                    | 177.6       | 62.2          | 0.5        | 760.5        | 68.4                           | 23.4        | 8.2           | 0.1        |
| 2012                            | 572.9                    | 182.4       | N/A           | 0.5        | 755.8        | 75.8                           | 24.1        | N/A           | 0.1        |
| 2013                            | 592.9                    | 177.0       | N/A           | 0.5        | 770.4        | 77.0                           | 23.0        | N/A           | 0.1        |
| 2014                            | 628.3                    | 181.9       | N/A           | 0.5        | 810.7        | 77.5                           | 22.4        | N/A           | 0.1        |
| 2015 <sup>R</sup>               | 627.2                    | 185.4       | N/A           | 0.5        | 813.1        | 77.1                           | 22.8        | N/A           | 0.1        |
| 2016 <sup>P</sup>               | 653.0                    | 180.5       | N/A           | 0.5        | 834.0        | 78.3                           | 21.6        | N/A           | 0.1        |

Notes: R= Revised data. P= Preliminary data. N/A= Not available.

Source: Transport Canada, adapted from Statistic Canada, various publications on transportation

**Table EC5: Modal Shares in Canada's International Trade, 2009–2018**

| <b>Canadian Exports</b><br>(Millions of dollars) |                  |             |             |               |            |              |                                       |             |               |            |              |
|--------------------------------------------------|------------------|-------------|-------------|---------------|------------|--------------|---------------------------------------|-------------|---------------|------------|--------------|
| ----- <i>Total Exports</i> <sup>1</sup> -----    |                  |             |             |               |            |              | ----- <i>Share of Total (%)</i> ----- |             |               |            |              |
|                                                  | <i>All Modes</i> | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> | <i>Road</i>                           | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> |
| 2009                                             | 359,754          | 136,918     | 49,029      | 71,632        | 40,071     | 62,104       | 38.1                                  | 13.6        | 19.9          | 11.1       | 17.3         |
| 2010                                             | 399,300          | 145,641     | 61,664      | 81,603        | 43,309     | 67,083       | 36.5                                  | 15.4        | 20.4          | 10.8       | 16.8         |
| 2011                                             | 446,707          | 152,464     | 67,483      | 99,368        | 47,511     | 79,881       | 34.1                                  | 15.1        | 22.2          | 10.6       | 17.9         |
| 2012                                             | 455,171          | 157,384     | 73,115      | 98,063        | 46,880     | 79,729       | 34.6                                  | 16.1        | 21.5          | 10.3       | 17.5         |
| 2013                                             | 471,947          | 161,872     | 77,142      | 94,971        | 49,558     | 88,404       | 34.3                                  | 16.3        | 20.1          | 10.5       | 18.7         |
| 2014                                             | 526,773          | 184,666     | 80,376      | 98,602        | 55,003     | 108,127      | 35.1                                  | 15.3        | 18.7          | 10.4       | 20.5         |
| 2015                                             | 524,066          | 211,852     | 83,640      | 93,337        | 59,075     | 76,163       | 40.4                                  | 16.0        | 17.8          | 11.3       | 14.5         |
| 2016 <sup>R</sup>                                | 516,772          | 223,559     | 81,841      | 89,314        | 58,811     | 63,248       | 43.3                                  | 15.8        | 17.3          | 11.4       | 12.2         |
| 2017 <sup>R</sup>                                | 546,241          | 220,096     | 84,272      | 101,568       | 60,101     | 80,204       | 40.3                                  | 15.4        | 18.6          | 11.0       | 14.7         |
| 2018 <sup>P</sup>                                | 582,989          | 226,414     | 92,218      | 112,669       | 62,903     | 88,785       | 38.8                                  | 15.8        | 19.3          | 10.8       | 15.2         |

| <b>Canadian Imports</b><br>(Millions of dollars) |                  |             |             |               |            |              |                                       |             |               |            |              |
|--------------------------------------------------|------------------|-------------|-------------|---------------|------------|--------------|---------------------------------------|-------------|---------------|------------|--------------|
| ----- <i>Total imports</i> <sup>2</sup> -----    |                  |             |             |               |            |              | ----- <i>Share of Total (%)</i> ----- |             |               |            |              |
|                                                  | <i>All Modes</i> | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> | <i>Road</i>                           | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> |
| 2009                                             | 365,359          | 192,987     | 25,921      | 80,456        | 53,946     | 12,049       | 52.8                                  | 7.1         | 22.0          | 14.8       | 3.3          |
| 2010                                             | 403,750          | 212,364     | 31,317      | 88,500        | 57,447     | 14,122       | 52.6                                  | 7.8         | 21.9          | 14.2       | 3.5          |
| 2011                                             | 446,666          | 228,037     | 34,192      | 106,040       | 62,694     | 15,702       | 51.1                                  | 7.7         | 23.7          | 14.0       | 3.5          |
| 2012                                             | 462,072          | 239,868     | 39,436      | 106,551       | 61,623     | 14,594       | 51.9                                  | 8.5         | 23.1          | 13.3       | 3.2          |
| 2013                                             | 475,661          | 250,929     | 40,494      | 106,216       | 61,956     | 16,065       | 52.8                                  | 8.5         | 22.3          | 13.0       | 3.4          |
| 2014                                             | 512,200          | 275,976     | 45,821      | 111,848       | 61,980     | 16,575       | 53.9                                  | 8.9         | 21.8          | 12.1       | 3.2          |
| 2015                                             | 536,152          | 298,872     | 43,830      | 111,940       | 69,321     | 12,187       | 55.7                                  | 8.2         | 20.9          | 12.9       | 2.3          |
| 2016 <sup>R</sup>                                | 533,251          | 295,386     | 46,436      | 107,203       | 66,935     | 17,291       | 55.4                                  | 8.7         | 20.1          | 12.6       | 3.2          |
| 2017 <sup>R</sup>                                | 561,411          | 306,183     | 51,896      | 116,547       | 70,596     | 16,189       | 54.5                                  | 9.2         | 20.8          | 12.6       | 2.9          |
| 2018 <sup>P</sup>                                | 594,749          | 313,768     | 51,216      | 138,118       | 75,523     | 16,123       | 52.8                                  | 8.6         | 23.2          | 12.7       | 2.7          |

| <b>Total Canadian International Trade</b><br>(Millions of dollars) |                  |             |             |               |            |              |                                       |             |               |            |              |
|--------------------------------------------------------------------|------------------|-------------|-------------|---------------|------------|--------------|---------------------------------------|-------------|---------------|------------|--------------|
| ----- <i>Total exports and imports</i> -----                       |                  |             |             |               |            |              | ----- <i>Share of Total (%)</i> ----- |             |               |            |              |
|                                                                    | <i>All Modes</i> | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> | <i>Road</i>                           | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> |
| 2009                                                               | 725,113          | 329,905     | 74,951      | 152,087       | 94,017     | 74,153       | 45.5                                  | 10.3        | 21.0          | 13.0       | 10.2         |
| 2010                                                               | 803,050          | 358,006     | 92,981      | 170,103       | 100,756    | 81,205       | 44.6                                  | 11.6        | 21.2          | 12.5       | 10.1         |
| 2011                                                               | 893,373          | 380,501     | 101,675     | 205,408       | 110,206    | 95,583       | 42.6                                  | 11.4        | 23.0          | 12.3       | 10.7         |
| 2012                                                               | 917,243          | 397,252     | 112,551     | 204,614       | 108,503    | 94,322       | 43.3                                  | 12.3        | 22.3          | 11.8       | 10.3         |
| 2013                                                               | 947,608          | 412,801     | 117,636     | 201,187       | 111,514    | 104,470      | 43.6                                  | 12.4        | 21.2          | 11.8       | 11.0         |
| 2014                                                               | 1,038,973        | 460,642     | 126,196     | 210,450       | 116,983    | 124,701      | 44.3                                  | 12.1        | 20.3          | 11.3       | 12.0         |
| 2015                                                               | 1,060,218        | 510,724     | 127,470     | 205,277       | 128,396    | 88,350       | 48.2                                  | 12.0        | 19.4          | 12.1       | 8.3          |
| 2016 <sup>R</sup>                                                  | 1,050,023        | 518,944     | 128,276     | 196,517       | 125,746    | 80,539       | 49.4                                  | 12.2        | 18.7          | 12.0       | 7.7          |
| 2017 <sup>R</sup>                                                  | 1,107,652        | 526,280     | 136,168     | 218,115       | 130,697    | 96,393       | 47.5                                  | 12.3        | 19.7          | 11.8       | 8.7          |
| 2018 <sup>P</sup>                                                  | 1,177,738        | 540,182     | 143,435     | 250,788       | 138,426    | 104,907      | 45.9                                  | 12.2        | 21.3          | 11.8       | 8.9          |

Notes: R= Revised data. P= Preliminary data.

1 For exports, the mode of transport represents the mode of transport by which the international boundary is crossed. This may be different from the mode of transport within Canada. Total exports are the sum of domestic exports and re-exports.

2 For imports, the mode of transport represents the last mode of transport by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table EC6: Modal Shares in Canada-United States Trade, 2009–2018**

(Millions of dollars)

**Canadian Exports to the U.S.**

|                   | Total exports <sup>1</sup> |         |        |        |        |         | Share of Total (%) |      |        |     |       |
|-------------------|----------------------------|---------|--------|--------|--------|---------|--------------------|------|--------|-----|-------|
|                   | All Modes                  | Road    | Rail   | Marine | Air    | Other   | Road               | Rail | Marine | Air | Other |
| 2009              | 270,090                    | 130,907 | 47,665 | 17,140 | 13,194 | 61,184  | 48.5               | 17.6 | 6.3    | 4.9 | 22.7  |
| 2010              | 299,075                    | 139,676 | 59,917 | 21,055 | 11,879 | 66,549  | 46.7               | 20.0 | 7.0    | 4.0 | 22.3  |
| 2011              | 328,975                    | 148,051 | 65,646 | 23,561 | 12,236 | 79,482  | 45.0               | 20.0 | 7.2    | 3.7 | 24.2  |
| 2012              | 339,183                    | 152,728 | 71,163 | 23,410 | 13,028 | 78,854  | 45.0               | 21.0 | 6.9    | 3.8 | 23.2  |
| 2013              | 357,915                    | 157,099 | 75,015 | 23,575 | 14,464 | 87,761  | 43.9               | 21.0 | 6.6    | 4.0 | 24.5  |
| 2014              | 404,711                    | 179,605 | 78,288 | 22,516 | 16,892 | 107,410 | 44.4               | 19.3 | 5.6    | 4.2 | 26.5  |
| 2015              | 402,171                    | 206,382 | 81,181 | 19,174 | 19,824 | 75,610  | 51.3               | 20.2 | 4.8    | 4.9 | 18.8  |
| 2016 <sup>R</sup> | 394,183                    | 217,654 | 79,218 | 15,192 | 19,004 | 63,116  | 55.2               | 20.1 | 3.9    | 4.8 | 16.0  |
| 2017 <sup>R</sup> | 414,344                    | 214,608 | 81,616 | 19,409 | 18,567 | 80,144  | 51.8               | 19.7 | 4.7    | 4.5 | 19.3  |
| 2018 <sup>P</sup> | 437,673                    | 220,089 | 89,511 | 20,209 | 19,132 | 88,731  | 50.3               | 20.5 | 4.6    | 4.4 | 20.3  |

**Canadian Imports from the U.S.**

(Millions of dollars)

|                   | Total imports <sup>2</sup> |         |        |        |        |        | Share of Total (%) |      |        |     |       |
|-------------------|----------------------------|---------|--------|--------|--------|--------|--------------------|------|--------|-----|-------|
|                   | All Modes                  | Road    | Rail   | Marine | Air    | Other  | Road               | Rail | Marine | Air | Other |
| 2009              | 186,803                    | 139,065 | 21,263 | 4,721  | 16,104 | 5,651  | 74.4               | 11.4 | 2.5    | 8.6 | 3.0   |
| 2010              | 203,389                    | 151,318 | 25,123 | 5,788  | 14,903 | 6,257  | 74.4               | 12.4 | 2.8    | 7.3 | 3.1   |
| 2011              | 221,424                    | 162,313 | 27,530 | 8,276  | 15,222 | 8,083  | 73.3               | 12.4 | 3.7    | 6.9 | 3.7   |
| 2012              | 233,889                    | 172,139 | 31,063 | 8,118  | 14,947 | 7,622  | 73.6               | 13.3 | 3.5    | 6.4 | 3.3   |
| 2013              | 247,796                    | 177,872 | 32,910 | 13,100 | 15,064 | 8,850  | 71.8               | 13.3 | 5.3    | 6.1 | 3.6   |
| 2014              | 278,510                    | 191,932 | 36,342 | 19,936 | 17,307 | 12,993 | 68.9               | 13.0 | 7.2    | 6.2 | 4.7   |
| 2015              | 285,345                    | 204,636 | 33,794 | 16,106 | 20,769 | 10,039 | 71.7               | 11.8 | 5.6    | 7.3 | 3.5   |
| 2016 <sup>R</sup> | 278,206                    | 199,903 | 37,326 | 8,751  | 19,324 | 12,902 | 71.9               | 13.4 | 3.1    | 6.9 | 4.6   |
| 2017 <sup>R</sup> | 288,307                    | 203,235 | 40,766 | 10,127 | 19,219 | 14,960 | 70.5               | 14.1 | 3.5    | 6.7 | 5.2   |
| 2018 <sup>P</sup> | 303,754                    | 208,768 | 40,626 | 17,887 | 21,570 | 14,902 | 68.7               | 13.4 | 5.9    | 7.1 | 4.9   |

**Total Canada-U.S. Trade**

(Millions of dollars)

|                   | Total exports and imports |         |         |        |        |         | Share of Total (%) |      |        |     |       |
|-------------------|---------------------------|---------|---------|--------|--------|---------|--------------------|------|--------|-----|-------|
|                   | All Modes                 | Road    | Rail    | Marine | Air    | Other   | Road               | Rail | Marine | Air | Other |
| 2009              | 456,894                   | 269,972 | 68,928  | 21,861 | 29,298 | 66,835  | 59.1               | 15.1 | 4.8    | 6.4 | 14.6  |
| 2010              | 502,464                   | 290,994 | 85,039  | 26,843 | 26,782 | 72,805  | 57.9               | 16.9 | 5.3    | 5.3 | 14.5  |
| 2011              | 550,400                   | 310,364 | 93,176  | 31,837 | 27,458 | 87,565  | 56.4               | 16.9 | 5.8    | 5.0 | 15.9  |
| 2012              | 573,072                   | 324,867 | 102,227 | 31,528 | 27,975 | 86,476  | 56.7               | 17.8 | 5.5    | 4.9 | 15.1  |
| 2013              | 605,711                   | 334,971 | 107,925 | 36,675 | 29,529 | 96,611  | 55.3               | 17.8 | 6.1    | 4.9 | 16.0  |
| 2014              | 683,220                   | 371,537 | 114,630 | 42,452 | 34,199 | 120,403 | 54.4               | 16.8 | 6.2    | 5.0 | 17.6  |
| 2015              | 687,516                   | 411,018 | 114,975 | 35,280 | 40,593 | 85,649  | 59.8               | 16.7 | 5.1    | 5.9 | 12.5  |
| 2016 <sup>R</sup> | 672,390                   | 417,557 | 116,544 | 23,943 | 38,328 | 76,018  | 62.1               | 17.3 | 3.6    | 5.7 | 11.3  |
| 2017 <sup>R</sup> | 702,651                   | 417,843 | 122,383 | 29,536 | 37,786 | 95,104  | 59.5               | 17.4 | 4.2    | 5.4 | 13.5  |
| 2018 <sup>P</sup> | 741,426                   | 428,857 | 130,138 | 38,095 | 40,702 | 103,634 | 57.8               | 17.6 | 5.1    | 5.5 | 14.0  |

Notes: R= Revised data. P= Preliminary data.

1 For exports, the mode of transport represents the mode of transport by which the international boundary is crossed. This may be different from the mode of transport within Canada. Total exports are the sum of domestic exports and re-exports.

2 For imports, the mode of transport represents the last mode of transport by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table EC7: Modal Shares in Canada-Other Countries Trade, 2009–2018**

| Canadian Exports to Other Countries (excluding the U.S.) |                  |             |             |               |            |                                |             |             |               |            |              |
|----------------------------------------------------------|------------------|-------------|-------------|---------------|------------|--------------------------------|-------------|-------------|---------------|------------|--------------|
| (Millions of dollars)                                    |                  |             |             |               |            |                                |             |             |               |            |              |
| ----- Total exports <sup>1</sup> -----                   |                  |             |             |               |            | ----- Share of Total (%) ----- |             |             |               |            |              |
|                                                          | <i>All Modes</i> | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i>                   | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> |
| 2009                                                     | 89,663           | 6,011       | 1,364       | 54,492        | 26,877     | 920                            | 6.7         | 1.5         | 60.8          | 30.0       | 1.0          |
| 2010                                                     | 100,225          | 5,965       | 1,748       | 60,548        | 31,430     | 534                            | 6.0         | 1.7         | 60.4          | 31.4       | 0.5          |
| 2011                                                     | 117,731          | 4,413       | 1,837       | 75,807        | 35,276     | 398                            | 3.7         | 1.6         | 64.4          | 30.0       | 0.3          |
| 2012                                                     | 115,988          | 4,656       | 1,952       | 74,654        | 33,852     | 875                            | 4.0         | 1.7         | 64.4          | 29.2       | 0.8          |
| 2013                                                     | 114,032          | 4,773       | 2,126       | 71,396        | 35,094     | 643                            | 4.2         | 1.9         | 62.6          | 30.8       | 0.6          |
| 2014                                                     | 122,062          | 5,061       | 2,088       | 76,085        | 38,111     | 717                            | 4.1         | 1.7         | 62.3          | 31.2       | 0.6          |
| 2015                                                     | 121,895          | 5,470       | 2,459       | 74,163        | 39,251     | 553                            | 4.5         | 2.0         | 60.8          | 32.2       | 0.5          |
| 2016 <sup>R</sup>                                        | 122,588          | 5,905       | 2,623       | 74,122        | 39,807     | 133                            | 4.8         | 2.1         | 60.5          | 32.5       | 0.1          |
| 2017 <sup>R</sup>                                        | 131,897          | 5,488       | 2,656       | 82,159        | 41,534     | 61                             | 4.2         | 2.0         | 62.3          | 31.5       | 0.0          |
| 2018 <sup>P</sup>                                        | 145,316          | 6,325       | 2,707       | 92,461        | 43,771     | 53                             | 4.4         | 1.9         | 63.6          | 30.1       | 0.0          |

| Canadian Imports from Other Countries (excluding the U.S.) |                  |             |             |               |            |                                |             |             |               |            |              |
|------------------------------------------------------------|------------------|-------------|-------------|---------------|------------|--------------------------------|-------------|-------------|---------------|------------|--------------|
| (Millions of dollars)                                      |                  |             |             |               |            |                                |             |             |               |            |              |
| ----- Total imports <sup>2</sup> -----                     |                  |             |             |               |            | ----- Share of Total (%) ----- |             |             |               |            |              |
|                                                            | <i>All Modes</i> | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i>                   | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> |
| 2009                                                       | 178,556          | 53,921      | 4,659       | 75,735        | 37,842     | 6,398                          | 30.2        | 2.6         | 42.4          | 21.2       | 3.6          |
| 2010                                                       | 200,362          | 61,046      | 6,194       | 82,712        | 42,544     | 7,866                          | 30.5        | 3.1         | 41.3          | 21.2       | 3.9          |
| 2011                                                       | 225,242          | 65,724      | 6,662       | 97,764        | 47,472     | 7,619                          | 29.2        | 3.0         | 43.4          | 21.1       | 3.4          |
| 2012                                                       | 228,183          | 67,729      | 8,373       | 98,433        | 46,677     | 6,972                          | 29.7        | 3.7         | 43.1          | 20.5       | 3.1          |
| 2013                                                       | 227,865          | 73,057      | 7,585       | 93,116        | 46,892     | 7,215                          | 32.1        | 3.3         | 40.9          | 20.6       | 3.2          |
| 2014                                                       | 233,690          | 84,044      | 9,479       | 91,913        | 44,673     | 3,582                          | 36.0        | 4.1         | 39.3          | 19.1       | 1.5          |
| 2015                                                       | 250,807          | 94,236      | 10,037      | 95,834        | 48,552     | 2,148                          | 37.6        | 4.0         | 38.2          | 19.4       | 0.9          |
| 2016 <sup>R</sup>                                          | 255,045          | 95,483      | 9,110       | 98,453        | 47,611     | 4,389                          | 37.4        | 3.6         | 38.6          | 18.7       | 1.7          |
| 2017 <sup>R</sup>                                          | 273,105          | 102,949     | 11,129      | 106,420       | 51,378     | 1,229                          | 37.7        | 4.1         | 39.0          | 18.8       | 0.4          |
| 2018 <sup>P</sup>                                          | 290,995          | 105,000     | 10,590      | 120,232       | 53,953     | 1,220                          | 36.1        | 3.6         | 41.3          | 18.5       | 0.4          |

| Total Canada-Other Countries Trade    |                  |             |             |               |            |                                |             |             |               |            |              |
|---------------------------------------|------------------|-------------|-------------|---------------|------------|--------------------------------|-------------|-------------|---------------|------------|--------------|
| (Millions of dollars)                 |                  |             |             |               |            |                                |             |             |               |            |              |
| ----- Total exports and imports ----- |                  |             |             |               |            | ----- Share of Total (%) ----- |             |             |               |            |              |
|                                       | <i>All Modes</i> | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i>                   | <i>Road</i> | <i>Rail</i> | <i>Marine</i> | <i>Air</i> | <i>Other</i> |
| 2009                                  | 268,219          | 59,932      | 6,023       | 130,226       | 64,719     | 7,318                          | 22.3        | 2.2         | 48.6          | 24.1       | 2.7          |
| 2010                                  | 300,586          | 67,011      | 7,942       | 143,260       | 73,974     | 8,400                          | 22.3        | 2.6         | 47.7          | 24.6       | 2.8          |
| 2011                                  | 342,973          | 70,137      | 8,499       | 173,571       | 82,748     | 8,017                          | 20.4        | 2.5         | 50.6          | 24.1       | 2.3          |
| 2012                                  | 344,171          | 72,385      | 10,324      | 173,086       | 80,529     | 7,847                          | 21.0        | 3.0         | 50.3          | 23.4       | 2.3          |
| 2013                                  | 341,897          | 77,830      | 9,711       | 164,512       | 81,985     | 7,858                          | 22.8        | 2.8         | 48.1          | 24.0       | 2.3          |
| 2014                                  | 355,752          | 89,105      | 11,566      | 167,998       | 82,784     | 4,299                          | 25.0        | 3.3         | 47.2          | 23.3       | 1.2          |
| 2015                                  | 372,702          | 99,706      | 12,495      | 169,997       | 87,803     | 2,701                          | 26.8        | 3.4         | 45.6          | 23.6       | 0.7          |
| 2016 <sup>R</sup>                     | 377,633          | 101,388     | 11,732      | 172,574       | 87,418     | 4,522                          | 26.8        | 3.1         | 45.7          | 23.1       | 1.2          |
| 2017 <sup>R</sup>                     | 405,001          | 108,436     | 13,785      | 188,579       | 92,911     | 1,290                          | 26.8        | 3.4         | 46.6          | 22.9       | 0.3          |
| 2018 <sup>P</sup>                     | 436,312          | 111,325     | 13,297      | 212,692       | 97,724     | 1,274                          | 25.5        | 3.0         | 48.7          | 22.4       | 0.3          |

Notes: R= Revised data. P= Preliminary data.

1 For exports, the mode of transport represents the mode of transport by which the international boundary is crossed. This may be different from the mode of transport within Canada. Total exports are the sum of domestic exports and re-exports.

2 For imports, the mode of transport represents the last mode of transport by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table EC8: Canada–United States Trade, by Main Trade Flows, 2017–2018**

(Millions of dollars)

| <i>Canadian Region</i>    | <i>U.S. Region<sup>1</sup></i> | <i>Exports<br/>from<br/>Canada</i> | <i>Imports<br/>to<br/>Canada</i> | <i>Total<br/>Trade<br/>2018<sup>p</sup></i> | <i>Total<br/>Trade<br/>2017<sup>r</sup></i> | <i>Percentage<br/>Change<br/>2018/17</i> | <i>Share of<br/>Total (%)<br/>2018</i> | <i>Main Modes Used<br/>(Per cent of total value)<br/>2018<sup>p</sup></i> |
|---------------------------|--------------------------------|------------------------------------|----------------------------------|---------------------------------------------|---------------------------------------------|------------------------------------------|----------------------------------------|---------------------------------------------------------------------------|
| Ontario                   | Central                        | 91,319                             | 91,611                           | 182,931                                     | 181,832                                     | 0.6                                      | 24.7                                   | Road (76), Rail (18)                                                      |
| Ontario                   | South                          | 34,814                             | 52,694                           | 87,508                                      | 87,888                                      | (0.4)                                    | 11.8                                   | Road (73), Rail (18)                                                      |
| Ontario                   | North-East                     | 32,279                             | 31,411                           | 63,690                                      | 62,482                                      | 1.9                                      | 8.6                                    | Road (86), Air (8)                                                        |
| Alberta                   | Central                        | 54,104                             | 9,295                            | 63,399                                      | 54,430                                      | 16.5                                     | 8.6                                    | Pipeline (84), Rail (10)                                                  |
| Ontario                   | West                           | 36,684                             | 15,075                           | 51,759                                      | 54,379                                      | (4.8)                                    | 7.0                                    | Road (49), Rail (39)                                                      |
| Quebec                    | North-East                     | 25,188                             | 9,671                            | 34,859                                      | 31,380                                      | 11.1                                     | 4.7                                    | Road (74), Rail (9)                                                       |
| Quebec                    | South                          | 18,470                             | 12,953                           | 31,424                                      | 26,619                                      | 18.1                                     | 4.2                                    | Road (48), Marine (24)                                                    |
| Manitoba and Saskatchewan | Central                        | 14,090                             | 16,539                           | 30,629                                      | 29,033                                      | 5.5                                      | 4.1                                    | Road (65), Rail (18)                                                      |
| Alberta                   | South                          | 21,909                             | 6,009                            | 27,918                                      | 23,277                                      | 19.9                                     | 3.8                                    | Rail (41), Pipeline (37)                                                  |
| British Columbia          | West                           | 12,229                             | 14,062                           | 26,292                                      | 24,813                                      | 6.0                                      | 3.5                                    | Road (66), Pipeline (11)                                                  |
| Alberta                   | West                           | 20,530                             | 5,031                            | 25,561                                      | 23,508                                      | 8.7                                      | 3.4                                    | Pipeline (45), Road (27)                                                  |
| Quebec                    | Central                        | 15,096                             | 4,421                            | 19,516                                      | 18,412                                      | 6.0                                      | 2.6                                    | Road (64), Rail (16)                                                      |
| Atlantic provinces        | North-East                     | 15,582                             | 1,920                            | 17,501                                      | 17,628                                      | (0.7)                                    | 2.4                                    | Marine (61), Road (30)                                                    |
| Manitoba and Saskatchewan | South                          | 7,017                              | 7,998                            | 15,015                                      | 11,732                                      | 28.0                                     | 2.0                                    | Road (56), Rail (26)                                                      |
| <b>Subtotal</b>           |                                | <b>399,312</b>                     | <b>278,690</b>                   | <b>678,002</b>                              | <b>647,413</b>                              | <b>4.7</b>                               | <b>91.4</b>                            |                                                                           |
| Other                     |                                | 38,361                             | 25,064                           | 63,425                                      | 55,238                                      | 14.8                                     | 8.6                                    |                                                                           |
| <b>Total Canada/U.S.</b>  |                                | <b>437,673</b>                     | <b>303,754</b>                   | <b>741,426</b>                              | <b>702,651</b>                              | <b>5.5</b>                               | <b>100.0</b>                           | <b>Road (58), Rail (18)</b>                                               |

Notes: R= Revised data. P= Preliminary data.

1 U.S. Central region includes states of Michigan, Ohio, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska and Kansas.

U.S. North-East region includes New England states and states of New York, Pennsylvania and New Jersey.

U.S. South region includes states from Atlantic to Gulf of Mexico.

U.S. West region includes states of New Mexico, Colorado, Arizona, Utah, Nevada, Wyoming, Idaho, Montana and the Pacific states.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table EC9: Canada's Exports and Imports, by Origin, Destination and Mode of Transport, 2018**

| (Millions of dollars)            |                  |                  |                         |                                  |
|----------------------------------|------------------|------------------|-------------------------|----------------------------------|
| <b>Origin<sup>3</sup></b>        |                  |                  |                         |                                  |
| <i>Total Exports<sup>1</sup></i> | <i>Eastern</i>   | <i>Western</i>   | <i>Total</i>            | <i>Main Modes Used</i>           |
| <i>Regions of Destination</i>    | <i>Provinces</i> | <i>Provinces</i> | <i>2018<sup>p</sup></i> | <i>(Per cent of total value)</i> |
| <b>United States</b>             | <b>284,404</b>   | <b>153,269</b>   | <b>437,673</b>          | <b>Road (50), Rail (20)</b>      |
| <b>Other Regions</b>             | <b>84,692</b>    | <b>60,624</b>    | <b>145,316</b>          | <b>Marine (64), Air (30)</b>     |
| Asia                             | 24,371           | 41,017           | 65,388                  | Marine (81), Air (18)            |
| Western Europe                   | 39,022           | 7,013            | 46,035                  | Air (52), Marine (47)            |
| Latin America                    | 9,934            | 6,632            | 16,566                  | Marine (46), Road (25)           |
| Middle East                      | 5,105            | 2,046            | 7,151                   | Marine (66), Air (26)            |
| Africa                           | 1,759            | 1,934            | 3,693                   | Marine (65), Air (32)            |
| Eastern Europe                   | 2,860            | 907              | 3,767                   | Marine (49), Air (48)            |
| Oceania                          | 1,607            | 1,072            | 2,679                   | Marine (45), Air (37)            |
| Other                            | 34               | 3                | 37                      | Marine (56), Air (44)            |
| <b>Total</b>                     | <b>369,096</b>   | <b>213,893</b>   | <b>582,989</b>          |                                  |
| <b>Destination<sup>3</sup></b>   |                  |                  |                         |                                  |
| <i>Total Imports<sup>2</sup></i> | <i>Eastern</i>   | <i>Western</i>   | <i>Total</i>            | <i>Main Modes Used</i>           |
| <i>Regions of Origin</i>         | <i>Provinces</i> | <i>Provinces</i> | <i>2018<sup>p</sup></i> | <i>(Per cent of total value)</i> |
| <b>United States</b>             | <b>232,043</b>   | <b>71,711</b>    | <b>303,754</b>          | <b>Road (69), Rail (13)</b>      |
| <b>Other Regions</b>             | <b>237,740</b>   | <b>53,256</b>    | <b>290,995</b>          | <b>Marine (41), Road (36)</b>    |
| Asia                             | 100,623          | 33,167           | 133,790                 | Marine (45), Road (40)           |
| Western Europe                   | 65,532           | 9,066            | 74,597                  | Marine (48), Air (30)            |
| Latin America                    | 46,632           | 6,901            | 53,533                  | Road (55), Marine (17)           |
| Middle East                      | 8,647            | 611              | 9,258                   | Marine (69), Air (19)            |
| Eastern Europe                   | 8,389            | 890              | 9,279                   | Marine (63), Air (19)            |
| Other                            | 3,458            | 858              | 4,316                   | Road (59), Air (37)              |
| Africa                           | 3,032            | 317              | 3,349                   | Marine (60), Air (17)            |
| Oceania                          | 1,427            | 1,445            | 2,872                   | Marine (49), Road (33)           |
| <b>Total</b>                     | <b>469,782</b>   | <b>124,967</b>   | <b>594,749</b>          |                                  |

Notes: P= Preliminary data.

- 1 Total exports including domestic exports and re-exports. For exports, mode of transport information represents the mode of transport by which the international boundary is crossed. This may be different from the mode of transport within Canada.
- 2 For imports, the mode of transport represents the last mode of transport by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.
- 3 Province of origin for exports. Province of clearance for imports as the final destination in unknown. Eastern provinces include the Atlantic provinces, Quebec and Ontario. Western provinces include the Prairie provinces, British Columbia, and the Territories (Yukon, Northwest Territories, and Nunavut).

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table EC10: Canada's Merchandise Trade – Top 25 Partners, 2017–2018**

(Millions of dollars)

| <i>Countries</i>         | <i>Total Exports</i> | <i>Ranking</i> | <i>Total Imports</i> | <i>Ranking</i> | <i>Total Trade 2018*</i> | <i>Ranking</i> | <i>Country Share in %</i> | <i>Cumulative Share in %</i> | <i>Total Trade 2017*</i> | <i>Percentage Change 2018/2017</i> |
|--------------------------|----------------------|----------------|----------------------|----------------|--------------------------|----------------|---------------------------|------------------------------|--------------------------|------------------------------------|
| United States            | 437,673              | 1              | 303,754              | 1              | 741,426                  | 1              | 63.0                      | 63.0                         | 702,651                  | 5.5                                |
| China, People's Republic | 27,638               | 2              | 75,547               | 2              | 103,185                  | 2              | 8.8                       | 71.7                         | 94,537                   | 9.1                                |
| Mexico                   | 8,215                | 5              | 36,784               | 3              | 44,999                   | 3              | 3.8                       | 75.5                         | 43,343                   | 3.8                                |
| Japan                    | 12,948               | 4              | 16,816               | 5              | 29,764                   | 4              | 2.5                       | 78.1                         | 29,353                   | 1.4                                |
| United Kingdom           | 16,328               | 3              | 9,186                | 7              | 25,514                   | 5              | 2.2                       | 80.2                         | 26,598                   | (4.1)                              |
| Germany                  | 4,825                | 7              | 19,055               | 4              | 23,880                   | 6              | 2.0                       | 82.3                         | 22,068                   | 8.2                                |
| South Korea              | 5,864                | 6              | 9,447                | 6              | 15,311                   | 7              | 1.3                       | 83.6                         | 13,901                   | 10.1                               |
| Italy                    | 3,044                | 13             | 8,985                | 8              | 12,029                   | 8              | 1.0                       | 84.6                         | 10,442                   | 15.2                               |
| France                   | 3,422                | 12             | 7,178                | 9              | 10,600                   | 9              | 0.9                       | 85.5                         | 9,600                    | 10.4                               |
| India                    | 4,168                | 9              | 5,126                | 13             | 9,294                    | 10             | 0.8                       | 86.3                         | 8,436                    | 10.2                               |
| Netherlands              | 4,742                | 8              | 4,483                | 15             | 9,225                    | 11             | 0.8                       | 87.1                         | 7,149                    | 29.0                               |
| Belgium                  | 3,627                | 11             | 4,447                | 16             | 8,074                    | 12             | 0.7                       | 87.7                         | 6,686                    | 20.8                               |
| Taiwan                   | 1,989                | 19             | 5,874                | 10             | 7,862                    | 13             | 0.7                       | 88.4                         | 7,136                    | 10.2                               |
| Brazil                   | 2,189                | 15             | 5,497                | 11             | 7,686                    | 14             | 0.7                       | 89.1                         | 6,427                    | 19.6                               |
| Switzerland              | 1,867                | 21             | 4,589                | 14             | 6,456                    | 15             | 0.5                       | 89.6                         | 6,476                    | (0.3)                              |
| Vietnam                  | 1,048                | 25             | 5,381                | 12             | 6,428                    | 16             | 0.5                       | 90.2                         | 6,136                    | 4.8                                |
| Saudi Arabia             | 1,882                | 20             | 3,801                | 18             | 5,683                    | 17             | 0.5                       | 90.6                         | 4,092                    | 38.9                               |
| Spain                    | 2,148                | 16             | 2,954                | 22             | 5,102                    | 18             | 0.4                       | 91.1                         | 4,463                    | 14.3                               |
| Norway                   | 2,395                | 14             | 2,251                | 25             | 4,645                    | 19             | 0.4                       | 91.5                         | 4,086                    | 13.7                               |
| Thailand                 | 779                  | 31             | 3,562                | 19             | 4,340                    | 20             | 0.4                       | 91.8                         | 4,033                    | 7.6                                |
| Canada <sup>1</sup>      |                      |                | 4,309                | 17             | 4,309                    | 21             | 0.4                       | 92.2                         | 4,053                    | 6.3                                |
| Hong Kong                | 3,905                | 10             | 342                  | 63             | 4,247                    | 22             | 0.4                       | 92.6                         | 2,622                    | 62.0                               |
| Australia                | 2,007                | 18             | 2,099                | 28             | 4,106                    | 23             | 0.3                       | 92.9                         | 3,900                    | 5.3                                |
| Indonesia                | 2,145                | 17             | 1,760                | 30             | 3,905                    | 24             | 0.3                       | 93.2                         | 3,460                    | 12.9                               |
| Malaysia                 | 783                  | 30             | 2,982                | 20             | 3,765                    | 25             | 0.3                       | 93.6                         | 3,507                    | 7.4                                |
| Other countries          | 27,359               |                | 48,543               |                | 75,902                   |                | 6.4                       | 100.0                        | 72,498                   | 4.7                                |
| <b>Grand Total Trade</b> | <b>582,989</b>       |                | <b>594,749</b>       |                | <b>1,177,738</b>         |                | <b>100.0</b>              |                              | <b>1,107,652</b>         | <b>6.3</b>                         |
| Total "Next 11"          | 21,794               |                | 60,832               |                | 82,626                   |                |                           |                              | 78,636                   | 5.1                                |
| Total APEC               | 510,115              |                | 476,836              |                | 986,951                  |                |                           |                              | 931,603                  | 5.9                                |
| Total BRIC               | 34,564               |                | 87,645               |                | 122,208                  |                |                           |                              | 111,188                  | 9.9                                |
| Total EU                 | 44,276               |                | 73,532               |                | 117,808                  |                |                           |                              | 107,982                  | 9.1                                |
| Total OECD               | 518,069              |                | 459,169              |                | 977,239                  |                |                           |                              | 923,260                  | 5.8                                |

Notes: R= Revised data. P= Preliminary data. EU= European Union. APEC= Asia-Pacific Economic Cooperation. OECD= Organisation for Economic Cooperation and Development.

BRIC: Brazil, Russia, India and China. Next 11: Bangladesh, Egypt, Indonesia, Iran, Mexico, Nigeria, Pakistan, Philippines, Turkey, South Korea and Vietnam.

1 Imports from Canada to Canada are goods that were produced in Canada, exported to another country, and returned to Canada for any number of reasons (e.g. wrong size, wrong colour, did not sell).

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table EC11: Visits by Canadians to All Countries, 2016–2017**

|                                          | (Thousands of person-visits) |               |                  |               |               |               |                                      |                                   |
|------------------------------------------|------------------------------|---------------|------------------|---------------|---------------|---------------|--------------------------------------|-----------------------------------|
|                                          | <i>Same Day</i>              |               | <i>Overnight</i> |               | <i>Total</i>  |               | <i>Percentage Change<br/>2017/16</i> | <i>Per Cent of Total<br/>2017</i> |
|                                          | <i>2016</i>                  | <i>2017</i>   | <i>2016</i>      | <i>2017</i>   | <i>2016</i>   | <i>2017</i>   |                                      |                                   |
| <b>United States</b>                     | <b>28,228</b>                | <b>29,320</b> | <b>25,993</b>    | <b>26,905</b> | <b>54,221</b> | <b>56,225</b> | <b>3.7</b>                           | <b>73.8</b>                       |
| New York                                 | 6,507                        | 6,726         | 3,086            | 3,210         | 9,593         | 9,936         | 3.6                                  | 13.0                              |
| Washington                               | 6,448                        | 6,573         | 2,509            | 2,503         | 8,957         | 9,076         | 1.3                                  | 11.9                              |
| Michigan                                 | 5,763                        | 6,039         | 1,323            | 1,354         | 7,086         | 7,393         | 4.3                                  | 9.7                               |
| Florida                                  | 220                          | 159           | 3,345            | 3,448         | 3,565         | 3,607         | 1.2                                  | 4.7                               |
| Maine                                    | 2,111                        | 2,086         | 745              | 740           | 2,856         | 2,826         | (1.1)                                | 3.7                               |
| Other                                    | 7,179                        | 7,737         | 14,985           | 15,650        | 22,164        | 23,387        | 5.5                                  | 30.7                              |
| <b>Europe</b>                            | <b>1,088</b>                 | <b>1,185</b>  | <b>6,674</b>     | <b>7,443</b>  | <b>7,762</b>  | <b>8,628</b>  | <b>11.2</b>                          | <b>11.3</b>                       |
| United Kingdom                           | 121                          | 118           | 1,261            | 1,490         | 1,382         | 1,608         | 16.4                                 | 2.1                               |
| France                                   | 122                          | 121           | 1,150            | 1,262         | 1,272         | 1,383         | 8.7                                  | 1.8                               |
| Germany                                  | 158                          | 186           | 578              | 634           | 736           | 820           | 11.4                                 | 1.1                               |
| Italy                                    | 118                          | 113           | 487              | 516           | 605           | 629           | 4.0                                  | 0.8                               |
| Spain                                    | 16                           | 14            | 450              | 503           | 466           | 517           | 10.9                                 | 0.7                               |
| Netherlands                              | 87                           | 111           | 280              | 332           | 367           | 443           | 20.7                                 | 0.6                               |
| Ireland                                  | 1                            | 1             | 274              | 285           | 275           | 286           | 4.0                                  | 0.4                               |
| Portugal                                 | 51                           | 50            | 200              | 211           | 251           | 261           | 4.0                                  | 0.3                               |
| Other                                    | 414                          | 471           | 1,994            | 2,210         | 2,408         | 2,681         | 11.3                                 | 3.5                               |
| <b>Africa</b>                            | <b>138</b>                   | <b>138</b>    | <b>658</b>       | <b>725</b>    | <b>796</b>    | <b>863</b>    | <b>8.4</b>                           | <b>1.1</b>                        |
| South Africa                             | 22                           | 33            | 145              | 183           | 167           | 216           | 29.3                                 | 0.3                               |
| Other                                    | 116                          | 105           | 513              | 542           | 629           | 647           | 2.9                                  | 0.8                               |
| <b>Asia and Oceania</b>                  | <b>159</b>                   | <b>164</b>    | <b>2,752</b>     | <b>3,100</b>  | <b>2,911</b>  | <b>3,264</b>  | <b>12.1</b>                          | <b>4.3</b>                        |
| China                                    | 1                            | 7             | 497              | 500           | 498           | 507           | 1.8                                  | 0.7                               |
| India                                    | 7                            | 7             | 247              | 308           | 254           | 315           | 24.0                                 | 0.4                               |
| Hong Kong                                | 9                            | 5             | 271              | 282           | 280           | 287           | 2.5                                  | 0.4                               |
| Australia                                | 3                            | 2             | 208              | 222           | 211           | 224           | 6.2                                  | 0.3                               |
| Japan                                    | 23                           | 38            | 100              | 127           | 123           | 165           | 34.1                                 | 0.2                               |
| Thailand                                 | 28                           | 32            | 100              | 116           | 128           | 148           | 15.6                                 | 0.2                               |
| Other                                    | 88                           | 73            | 1,329            | 1,545         | 1,417         | 1,618         | 14.2                                 | 2.1                               |
| <b>Caribbean</b>                         | <b>742</b>                   | <b>667</b>    | <b>2,935</b>     | <b>2,911</b>  | <b>3,677</b>  | <b>3,578</b>  | <b>(2.7)</b>                         | <b>4.7</b>                        |
| Cuba                                     | 0                            | 0             | 858              | 881           | 858           | 881           | 2.7                                  | 1.2                               |
| Dominican Republic                       | 44                           | 44            | 505              | 512           | 549           | 556           | 1.3                                  | 0.7                               |
| Bahamas                                  | 133                          | 117           | 224              | 197           | 357           | 314           | (12.0)                               | 0.4                               |
| Jamaica                                  | 87                           | 57            | 221              | 231           | 308           | 288           | (6.5)                                | 0.4                               |
| Barbados                                 | 25                           | 28            | 172              | 163           | 197           | 191           | (3.0)                                | 0.3                               |
| Other                                    | 453                          | 421           | 955              | 927           | 1,408         | 1,348         | (4.3)                                | 1.8                               |
| <b>Mexico, Central and South America</b> | <b>526</b>                   | <b>406</b>    | <b>3,193</b>     | <b>3,210</b>  | <b>3,719</b>  | <b>3,616</b>  | <b>(2.8)</b>                         | <b>4.7</b>                        |
| Mexico                                   | 222                          | 187           | 2,033            | 2,053         | 2,255         | 2,240         | (0.7)                                | 2.9                               |
| Costa Rica                               | 64                           | 43            | 181              | 191           | 245           | 234           | (4.5)                                | 0.3                               |
| Peru                                     | 0                            | 0             | 142              | 142           | 142           | 142           | 0.0                                  | 0.2                               |
| Other                                    | 240                          | 176           | 837              | 824           | 1,077         | 1,000         | (7.1)                                | 1.3                               |
| <b>Total non-US</b>                      | <b>2,653</b>                 | <b>2,560</b>  | <b>16,212</b>    | <b>17,389</b> | <b>18,865</b> | <b>19,949</b> | <b>5.7</b>                           | <b>26.2</b>                       |
| <b>Grand Total</b>                       | <b>30,881</b>                | <b>31,880</b> | <b>42,205</b>    | <b>44,294</b> | <b>73,086</b> | <b>76,174</b> | <b>4.2</b>                           | <b>100.0</b>                      |

Notes: Including side trips from the United States.

Source: Statistics Canada, International Travel Survey unpublished data

**Table EC12: Canada - United States Travel, by Mode of Transport and by Purpose, 2017**

| (Thousands of person-trips) |                      |              |          |        |                       |          |        |                            |           |
|-----------------------------|----------------------|--------------|----------|--------|-----------------------|----------|--------|----------------------------|-----------|
|                             | ----- Same Day ----- |              |          |        | ----- Overnight ----- |          |        | Trip Duration (Percentage) |           |
|                             | Primary Trip Purpose |              |          |        | Primary Trip Purpose  |          |        |                            |           |
|                             | Total                | Non-business | Business | Total  | Non-business          | Business | Total  | Same Day                   | Overnight |
| Canadian Residents          |                      |              |          |        |                       |          |        |                            |           |
| Automobile                  | 32,183               | 20,208       | 1,273    | 21,481 | 10,153                | 549      | 10,702 | 66.7                       | 33.3      |
| Airplane                    | 8,566                | 13           | 29       | 42     | 5,606                 | 2,918    | 8,524  | 0.5                        | 99.5      |
| Bus                         | 827                  | 315          | 10       | 325    | 485                   | 17       | 502    | 39.3                       | 60.7      |
| Rail                        | 31                   | 0            | 0        | 0      | 30                    | 1        | 31     | 0.0                        | 100.0     |
| Boat                        | 156                  | 3            | 0        | 3      | 149                   | 4        | 153    | 1.9                        | 98.1      |
| Other modes                 | 343                  | 43           | 2        | 45     | 288                   | 10       | 298    | 13.1                       | 86.9      |
| Total                       | 42,106               | 20,582       | 1,314    | 21,896 | 16,711                | 3,499    | 20,210 | 52.0                       | 48.0      |
| U.S. Residents              |                      |              |          |        |                       |          |        |                            |           |
| Automobile                  | 16,188               | 7,593        | 607      | 8,200  | 7,605                 | 383      | 7,988  | 50.7                       | 49.3      |
| Airplane                    | 5,660                | 496          | 387      | 883    | 2,472                 | 2,305    | 4,777  | 15.6                       | 84.4      |
| Bus                         | 899                  | 492          | 3        | 495    | 373                   | 31       | 404    | 55.1                       | 44.9      |
| Rail                        | 140                  | 26           | 0        | 26     | 103                   | 11       | 114    | 18.6                       | 81.4      |
| Boat                        | 1,021                | 402          | 5        | 407    | 598                   | 16       | 614    | 39.9                       | 60.1      |
| Other modes                 | 427                  | 21           | 25       | 46     | 325                   | 56       | 381    | 10.8                       | 89.2      |
| Total                       | 24,335               | 9,030        | 1,027    | 10,057 | 11,476                | 2,802    | 14,278 | 41.3                       | 58.7      |
| Canadian and U.S. Residents |                      |              |          |        |                       |          |        |                            |           |
| Automobile                  | 48,371               | 27,801       | 1,880    | 29,681 | 17,758                | 932      | 18,690 | 61.4                       | 38.6      |
| Airplane                    | 14,226               | 509          | 416      | 925    | 8,078                 | 5,223    | 13,301 | 6.5                        | 93.5      |
| Bus                         | 1,726                | 807          | 13       | 820    | 858                   | 48       | 906    | 47.5                       | 52.5      |
| Rail                        | 171                  | 26           | 0        | 26     | 133                   | 12       | 145    | 15.2                       | 84.8      |
| Boat                        | 1,177                | 405          | 5        | 410    | 747                   | 20       | 767    | 34.8                       | 65.2      |
| Other modes                 | 770                  | 64           | 27       | 91     | 613                   | 66       | 679    | 11.8                       | 88.2      |
| Total                       | 66,441               | 29,612       | 2,341    | 31,953 | 28,187                | 6,301    | 34,488 | 48.1                       | 51.9      |

Source: Statistics Canada, International Travel Survey unpublished data

**Table EC13: Overseas Travel, by Mode of Transport and by Purpose, 2017**

| (Thousands of person-trips)    |                      |              |          |       |                       |          |        |                            |           |
|--------------------------------|----------------------|--------------|----------|-------|-----------------------|----------|--------|----------------------------|-----------|
|                                | ----- Same Day ----- |              |          |       | ----- Overnight ----- |          |        | Trip Duration (Percentage) |           |
|                                | Primary Trip Purpose |              |          |       | Primary Trip Purpose  |          |        |                            |           |
|                                | Total                | Non-business | Business | Total | Non-business          | Business | Total  | Same Day                   | Overnight |
|                                |                      |              |          |       |                       |          |        |                            |           |
| Canadian Residents             |                      |              |          |       |                       |          |        |                            |           |
| Automobile                     | 7                    | 0            | 0        | 0     | 6                     | 1        | 7      | 0.0                        | 100.0     |
| Airplane                       | 12,809               | 0            | 0        | 0     | 9,577                 | 3,232    | 12,809 | 0.0                        | 100.0     |
| Boat                           | 34                   | 0            | 0        | 0     | 33                    | 1        | 34     | 0.0                        | 100.0     |
| Total                          | 12,850               | 0            | 0        | 0     | 9,616                 | 3,234    | 12,850 | 0.0                        | 100.0     |
| Foreign Residents <sup>1</sup> |                      |              |          |       |                       |          |        |                            |           |
| Automobile                     | 498                  | 22           | 3        | 25    | 398                   | 75       | 473    | 5.0                        | 95.0      |
| Airplane                       | 5,813                | 300          | 9        | 309   | 4,630                 | 874      | 5,504  | 5.3                        | 94.7      |
| Bus                            | 113                  | 3            | 0        | 3     | 102                   | 8        | 110    | 2.7                        | 97.3      |
| Rail                           | 35                   | 0            | 0        | 0     | 35                    | 0        | 35     | 0.0                        | 100.0     |
| Boat                           | 132                  | 19           | 0        | 19    | 104                   | 9        | 113    | 14.4                       | 85.6      |
| Other modes                    | 69                   | 4            | 2        | 6     | 48                    | 15       | 63     | 8.7                        | 91.3      |
| Total                          | 6,660                | 348          | 14       | 362   | 5,317                 | 981      | 6,298  | 5.4                        | 94.6      |
| Canadian and Foreign Residents |                      |              |          |       |                       |          |        |                            |           |
| Automobile                     | 505                  | 22           | 3        | 25    | 404                   | 76       | 480    | 5.0                        | 95.0      |
| Airplane                       | 18,622               | 300          | 9        | 309   | 14,207                | 4,106    | 18,313 | 1.7                        | 98.3      |
| Bus                            | 113                  | 3            | 0        | 3     | 102                   | 8        | 110    | 2.7                        | 97.3      |
| Rail                           | 35                   | 0            | 0        | 0     | 35                    | 0        | 35     | 0.0                        | 100.0     |
| Boat                           | 166                  | 19           | 0        | 19    | 137                   | 10       | 147    | 11.4                       | 88.6      |
| Other modes                    | 69                   | 4            | 2        | 6     | 48                    | 15       | 63     | 8.7                        | 91.3      |
| Total                          | 19,510               | 348          | 14       | 362   | 14,933                | 4,215    | 19,148 | 1.9                        | 98.1      |

Note:

<sup>1</sup> Excludes U.S. residents

Source: Statistics Canada, International Travel Survey unpublished data

**Table EC14: Employment in the Transportation Sector, 2009–2018**

|                                                                                       | (Number of people) |                |                |                |                |                |                |                |                |                |
|---------------------------------------------------------------------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                                                       | 2009               | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018           |
| <b>Transportation and related services</b>                                            |                    |                |                |                |                |                |                |                |                |                |
| Scheduled air transportation                                                          | 51,785             | 51,829         | 52,498         | 54,490         | 56,026         | 57,627         | 57,470         | 59,344         | 61,698         | 59,428         |
| Non-scheduled air transportation                                                      | 12,434             | 11,945         | 11,940         | 12,085         | 12,301         | 12,323         | 12,760         | 12,137         | 11,674         | 11,646         |
| Support activities for air transportation                                             | 24,442             | 24,409         | 26,584         | 28,050         | 28,201         | 29,722         | 30,775         | 30,916         | 31,447         | 32,192         |
| <b>Subtotal for air transportation and support activities</b>                         | <b>88,661</b>      | <b>88,183</b>  | <b>91,022</b>  | <b>94,625</b>  | <b>96,528</b>  | <b>99,672</b>  | <b>101,005</b> | <b>102,397</b> | <b>104,819</b> | <b>103,266</b> |
| <b>Marine shipping and support activities<sup>1</sup></b>                             | <b>15,094</b>      | <b>18,535</b>  | <b>19,486</b>  | <b>18,967</b>  | <b>22,745</b>  | <b>23,846</b>  | <b>21,699</b>  | <b>22,594</b>  | <b>21,747</b>  | <b>25,366</b>  |
| Rail transportation                                                                   | 38,080             | 36,466         | 37,286         | 38,095         | 37,607         | 37,073         | 37,456         | 37,437         | 37,203         | 36,889         |
| Support activities for rail transportation                                            | 2,839              | 2,792          | 2,615          | 2,620          | 2,947          | 3,727          | 4,039          | 4,370          | 3,479          | 3,913          |
| <b>Subtotal for rail transportation and support activities</b>                        | <b>40,919</b>      | <b>39,258</b>  | <b>39,901</b>  | <b>40,715</b>  | <b>40,554</b>  | <b>40,800</b>  | <b>41,495</b>  | <b>41,807</b>  | <b>40,682</b>  | <b>40,802</b>  |
| Truck transportation                                                                  | 170,088            | 170,025        | 175,518        | 182,446        | 189,381        | 192,924        | 195,965        | 195,841        | 200,821        | 206,137        |
| Support activities for road transportation                                            | 20,941             | 21,801         | 21,807         | 22,864         | 23,615         | 24,134         | 24,707         | 26,614         | 27,169         | 28,002         |
| Post office plus private couriers and messengers <sup>1</sup>                         | 116,943            | 120,269        | 116,022        | 122,898        | 117,681        | 108,672        | 107,673        | 110,238        | 106,665        | 120,888        |
| Waste collection <sup>2</sup>                                                         | 10,737             | 11,037         | 10,576         | 12,373         | 12,849         | 13,953         | 15,110         | 15,702         | 16,631         | 19,191         |
| <b>Subtotal for trucking and related activities<sup>2</sup></b>                       | <b>318,709</b>     | <b>323,132</b> | <b>323,923</b> | <b>340,581</b> | <b>343,526</b> | <b>339,683</b> | <b>343,455</b> | <b>348,395</b> | <b>351,286</b> | <b>374,218</b> |
| Urban transit systems                                                                 | 56,575             | 57,378         | 58,794         | 59,540         | 61,309         | 60,918         | 61,396         | 63,124         | 62,159         | 63,154         |
| School and employee bus transportation                                                | 32,867             | 32,607         | 31,487         | 32,230         | 32,825         | 33,487         | 33,433         | 33,779         | 34,645         | 35,331         |
| Interurban and rural bus transportation                                               | 3,463              | 3,685          | 4,329          | 5,138          | 5,657          | 4,974          | 4,915          | 4,865          | 4,284          | 4,066          |
| Charter bus industry                                                                  | 4,669              | 4,884          | 5,010          | 5,030          | 5,172          | 4,945          | 4,899          | 4,965          | 5,239          | 5,590          |
| Other transit and ground passenger transportation                                     | 4,399              | 3,984          | 4,384          | 5,097          | 5,203          | 5,628          | 5,984          | 5,890          | 6,649          | 6,475          |
| <b>Subtotal for buses and urban transit</b>                                           | <b>101,973</b>     | <b>102,538</b> | <b>104,004</b> | <b>107,035</b> | <b>110,166</b> | <b>109,952</b> | <b>110,627</b> | <b>112,623</b> | <b>112,976</b> | <b>114,616</b> |
| Taxi and limousine service                                                            | 11,704             | 11,572         | 11,952         | 11,880         | 11,727         | 11,708         | 11,425         | 10,994         | 11,010         | 10,752         |
| Logistics and other freight support services                                          | 36,662             | 37,274         | 38,037         | 39,065         | 39,333         | 40,817         | 41,714         | 42,214         | 41,517         | 43,448         |
| Travel arrangement and sightseeing services <sup>1,2</sup>                            | 41,788             | 38,714         | 40,655         | 39,060         | 38,740         | 39,442         | 40,619         | 38,505         | 40,661         | 37,624         |
| <b>Subtotal for arrangement and other support services<sup>2</sup></b>                | <b>90,154</b>      | <b>87,560</b>  | <b>90,644</b>  | <b>90,005</b>  | <b>89,800</b>  | <b>91,967</b>  | <b>93,758</b>  | <b>91,713</b>  | <b>93,188</b>  | <b>91,824</b>  |
| Self-employment <sup>1,2</sup>                                                        | 145,388            | 140,729        | 144,164        | 145,436        | 156,426        | 174,988        | 179,591        | 177,614        | 171,600        | 170,074        |
| <b>Total - Transportation and related services</b>                                    | <b>800,898</b>     | <b>799,935</b> | <b>813,144</b> | <b>837,364</b> | <b>859,745</b> | <b>880,908</b> | <b>891,630</b> | <b>897,143</b> | <b>896,298</b> | <b>920,166</b> |
| <i>NAICS Transportation and warehousing employment not included above<sup>3</sup></i> | <i>54,463</i>      | <i>55,186</i>  | <i>51,459</i>  | <i>51,146</i>  | <i>47,559</i>  | <i>42,165</i>  | <i>43,998</i>  | <i>47,199</i>  | <i>63,291</i>  | <i>86,332</i>  |
| <b>Transportation manufacturing, commercial services and construction</b>             |                    |                |                |                |                |                |                |                |                |                |
| Aerospace product and parts manufacturing                                             | 43,710             | 43,286         | 44,324         | 46,440         | 47,613         | 49,303         | 47,259         | 45,683         | 43,980         | 46,540         |
| Ship and boat building                                                                | 6,906              | 6,580          | 6,045          | 6,457          | 6,480          | 6,482          | 6,876          | 7,233          | 7,872          | 8,128          |
| Railroad rolling stock manufacturing                                                  | 3,457              | 3,462          | 4,016          | 3,703          | 3,354          | 3,461          | 4,150          | 3,889          | 3,771          | 3,545          |
| Motor vehicle manufacturing                                                           | 35,617             | 37,188         | 37,401         | 37,207         | 38,880         | 40,161         | 41,417         | 43,209         | 43,673         | 44,122         |
| Parts and other motor vehicle manufacturing                                           | 73,500             | 72,187         | 74,415         | 77,980         | 78,534         | 81,339         | 83,987         | 83,666         | 87,266         | 92,851         |
| Other transportation equipment manufacturing                                          | 6,313              | 6,273          | 6,568          | 6,535          | 7,114          | 6,415          | 7,434          | 8,221          | 9,099          | 9,914          |
| <b>Subtotal for transportation equipment manufacturing</b>                            | <b>169,503</b>     | <b>168,976</b> | <b>172,769</b> | <b>178,322</b> | <b>181,975</b> | <b>187,161</b> | <b>191,123</b> | <b>191,901</b> | <b>195,661</b> | <b>205,100</b> |
| Motor vehicle wholesalers                                                             | 58,610             | 57,707         | 60,123         | 62,031         | 62,404         | 63,801         | 65,047         | 63,300         | 62,319         | 63,476         |
| Motor vehicle retailers                                                               | 182,873            | 182,626        | 185,202        | 189,159        | 196,118        | 204,593        | 207,295        | 210,853        | 215,736        | 222,013        |
| Transport equipment rental and leasing <sup>4</sup>                                   | 25,757             | 24,035         | 24,417         | 25,043         | 26,038         | 27,064         | 28,065         | 27,613         | 28,123         | 28,268         |
| Gasoline stations                                                                     | 81,967             | 80,531         | 80,281         | 78,885         | 78,536         | 80,838         | 81,642         | 82,565         | 84,048         | 84,704         |
| Automotive repair and maintenance                                                     | 92,061             | 93,200         | 94,978         | 96,657         | 98,120         | 101,628        | 104,485        | 106,024        | 108,517        | 111,572        |
| <b>Subtotal for Transportation-related commercial services</b>                        | <b>441,268</b>     | <b>438,099</b> | <b>445,001</b> | <b>451,775</b> | <b>461,216</b> | <b>477,924</b> | <b>486,534</b> | <b>490,355</b> | <b>498,743</b> | <b>510,033</b> |
| Highway, street and bridge construction                                               | 57,954             | 56,552         | 57,187         | 59,563         | 57,812         | 56,302         | 54,850         | 54,441         | 53,301         | 53,937         |
| <b>Total - Transportation manufacturing, commercial services and construction</b>     | <b>668,725</b>     | <b>663,627</b> | <b>674,957</b> | <b>689,660</b> | <b>701,003</b> | <b>721,387</b> | <b>732,507</b> | <b>736,697</b> | <b>747,705</b> | <b>769,070</b> |

Notes: NAICS= North American Industry Classification System

Data might not be comparable to previous estimates because of changes in sources and concepts.

Data for transportation-related local government employment are not collected.

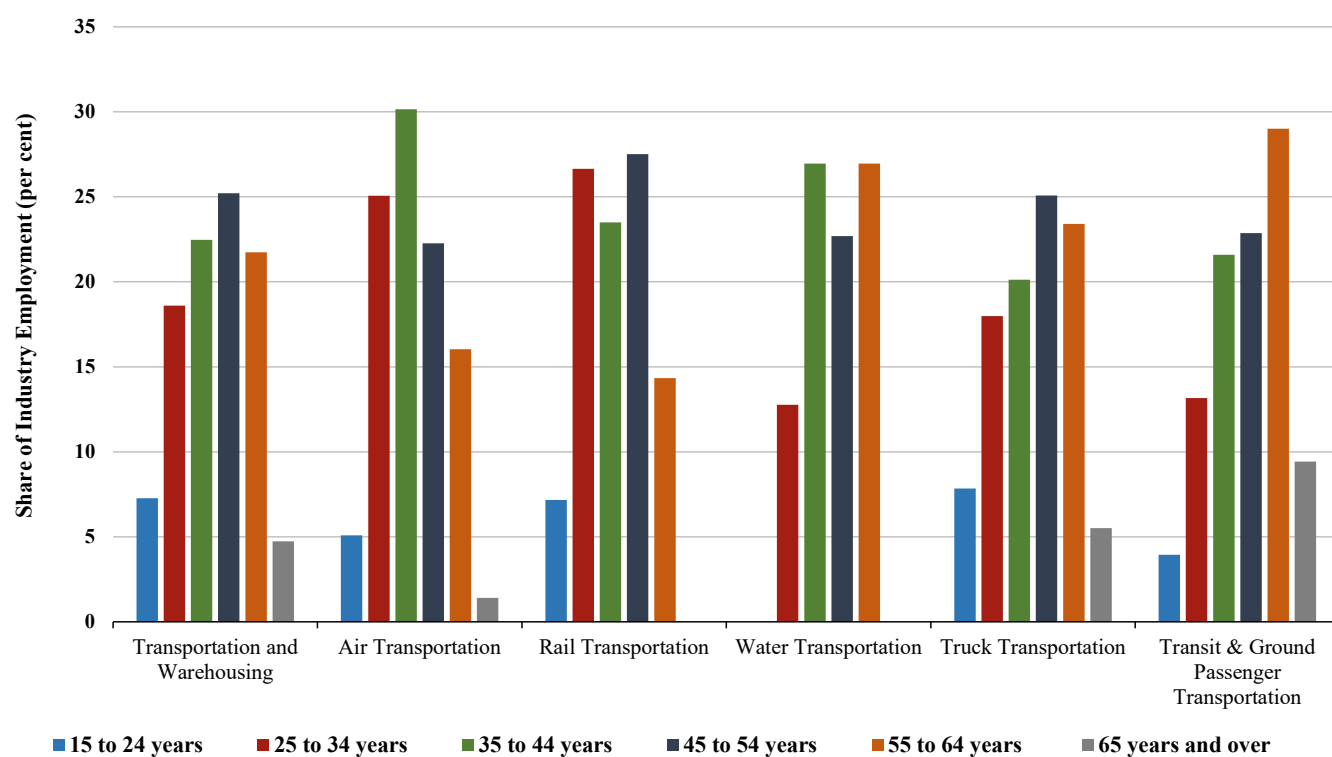
1 Transport Canada estimate.

2 Includes employment from sectors outside of NAICS 48-49 Transportation and warehousing.

3 Transport Canada estimate of paid and self-employment in the Pipeline and Warehousing industries.

4 Transport Canada estimate of transportation equipment segment of this industry.

Source: Transport Canada estimates derived from Statistics Canada, Tables 14-10-0202-01 and 14-10-0027-01 and other sources

**Figure EC15: Labour in Transportation Modes in Canada, by Age Range, 2018**

Source: Statistics Canada, Labour Force Survey (LFS), custom tabulation

**Table EC16: Average weekly earnings<sup>1</sup> by selected industries, 2009–2018**

|                                                   | (Current Dollars) |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|---------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                                                   | 2009 <sup>R</sup> | 2010 <sup>R</sup> | 2011 <sup>R</sup> | 2012 <sup>R</sup> | 2013 <sup>R</sup> | 2014 <sup>R</sup> | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
| <b>Transportation and Warehousing<sup>2</sup></b> | <b>872</b>        | <b>879</b>        | <b>914</b>        | <b>928</b>        | <b>969</b>        | <b>1,001</b>      | <b>1,027</b>      | <b>1,010</b>      | <b>1,034</b>      | <b>1,035</b>      |
| <b>Air transportation</b>                         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Scheduled air transportation                      | 1,081             | 1,026             | 1,012             | 1,063             | 1,097             | 1,100             | 1,199             | 1,065             | 1,163             | 1,064             |
| Non-scheduled air transportation                  | 1,174             | 1,041             | 1,100             | 1,100             | 1,150             | 1,181             | 1,247             | 1,122             | 1,198             | 1,187             |
| Support activities for air transportation         | 1,201             | N/A               | 1,200             | 1,153             | 1,207             | 1,199             | 1,247             | 1,232             | 1,271             | 1,282             |
| <b>Marine transportation</b>                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Marine                                            | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               |
| Support activities for marine transportation      | 959               | 1,091             | 1,145             | 1,174             | 1,291             | 1,259             | 1,324             | N/A               | 1,328             | 1,502             |
| <b>Rail transportation</b>                        |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Rail transportation                               | 1,186             | 1,246             | 1,284             | 1,369             | 1,353             | 1,308             | 1,496             | 1,415             | 1,490             | 1,375             |
| Support activities for rail transportation        | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               |
| <b>Truck transportation</b>                       |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| General freight trucking                          | 813               | 835               | 842               | 858               | 866               | 889               | 883               | 894               | 917               | 965               |
| Specialized freight trucking                      | 854               | 864               | 925               | 961               | 982               | 1,050             | 1,032             | 983               | 1,011             | 1,067             |
| Support activities for road transportation        | 828               | 823               | 856               | 853               | 893               | 928               | 879               | 883               | 917               | 1,002             |
| Postal service                                    | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               |
| Couriers and messengers                           | 649               | 651               | 711               | 675               | 749               | 757               | 801               | 790               | 864               | 878               |
| Waste collection                                  | 783               | 888               | 912               | 883               | 905               | 925               | 949               | 1,002             | 992               | 1,040             |
| <b>Buses and urban transit</b>                    |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Urban transit systems                             | 941               | 943               | 979               | 982               | 1,143             | 1,268             | 1,315             | 1,330             | 1,306             | 1,206             |
| Interurban and rural bus transportation           | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | 903               | 1,049             | N/A               |
| School and employee bus transportation            | 522               | 531               | 518               | 522               | 523               | 545               | 551               | 539               | 517               | 546               |
| Charter bus industry                              | 583               | N/A               | 589               | 589               | N/A               | N/A               | N/A               | N/A               | 624               | N/A               |
| Other transit and ground passenger transportation | 530               | 555               | 552               | N/A               | N/A               | N/A               | 556               | 585               | 578               | 578               |
| <b>Other transport-related industries</b>         |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Taxi and limousine service                        | N/A               | 413               | 420               | 439               | 430               | N/A               | 473               | 459               | 472               | N/A               |
| Freight transportation arrangement                | 947               | 899               | 911               | 965               | 996               | 1,021             | 1,000             | 1,018             | 1,020             | 1,102             |
| Other support activities for transportation       | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               |
| Travel arrangement and reservation services       | 709               | 736               | 778               | 771               | 735               | 764               | N/A               | 837               | 856               | 858               |
| Scenic and sightseeing transportation             | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               |
| Automotive repair and maintenance                 | 741               | 731               | 750               | 760               | 781               | 806               | 800               | 832               | 847               | 870               |
| Highway, street and bridge construction           | 1,119             | 1,129             | 1,185             | 1,262             | 1,342             | 1,363             | 1,357             | 1,335             | 1,321             | 1,347             |
| Pipeline transportation                           | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               | N/A               |
| Warehousing and storage                           | 714               | 790               | 760               | 783               | 835               | 862               | 820               | 909               | 920               | 921               |
| Transit and ground passenger transportation       | 732               | 740               | 760               | 767               | 847               | 915               | 948               | 955               | 935               | 893               |

Notes: The entire data series was revised at source. NAICS= North American Industry Classification System. N/A= Data not available.

1 Gross average weekly earnings, including overtime, before deductions, for employees paid by the hour and salaried employees paid a fixed salary. Self-employment earnings are not included.

2 Weighted average for NAICS Sector 48-49 "Transportation and Warehousing."

Source: Statistics Canada, Table 14-10-0204-01

**Table EC17: Labour Actions in the Transport Sector, by mode, 2009–2018**

|                                   | 2009           | 2010          | 2011           | 2012           | 2013          | 2014          | 2015          | 2016          | 2017          | 2018           |
|-----------------------------------|----------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|
| <b>Number of Stoppages</b>        |                |               |                |                |               |               |               |               |               |                |
| Air <sup>1</sup>                  | 1              | 1             | 3              | 2              | 2             | 2             | 1             | 0             | 2             | 0              |
| Marine <sup>1,2</sup>             | 0              | 1             | 5              | 1              | 0             | 0             | 5             | 1             | 2             | 2              |
| Rail <sup>1</sup>                 | 2              | 0             | 1              | 3              | 0             | 0             | 3             | 0             | 0             | 1              |
| Truck                             | 1              | 1             | 2              | 0              | 0             | 0             | 2             | 1             | 0             | 0              |
| Bus/transit <sup>3</sup>          | 7              | 1             | 9              | 7              | 3             | 3             | 1             | 7             | 1             | 3              |
| Taxi/limousine                    | 1              | 1             | 1              | 1              | 0             | 1             | 1             | 0             | 0             | 0              |
| Other <sup>4</sup>                | 0              | 2             | 2              | 2              | 0             | 2             | 4             | 0             | 0             | 1              |
| <b>Total</b>                      | <b>12</b>      | <b>7</b>      | <b>23</b>      | <b>16</b>      | <b>5</b>      | <b>8</b>      | <b>17</b>     | <b>9</b>      | <b>5</b>      | <b>7</b>       |
| <b>Number of Workers Involved</b> |                |               |                |                |               |               |               |               |               |                |
| Air <sup>1</sup>                  | 50             | 21            | 4,222          | 102            | 110           | 475           | 56            | 0             | 730           | 0              |
| Marine <sup>1,2</sup>             | 0              | 830           | 418            | 17             | 0             | 0             | 285           | 250           | 54            | 84             |
| Rail <sup>1</sup>                 | 1,830          | 0             | 109            | 4,529          | 0             | 0             | 4,137         | 0             | 0             | 3,200          |
| Truck                             | 80             | 24            | 86             | 0              | 0             | 0             | 126           | 90            | 0             | 0              |
| Bus/transit <sup>3</sup>          | 3,314          | 100           | 906            | 1,591          | 168           | 549           | 48            | 615           | 602           | 564            |
| Taxi/limousine                    | 300            | 142           | 142            | 754            | 0             | 22            | 240           | 0             | 0             | 0              |
| Other <sup>4</sup>                | 0              | 458           | 48,100         | 131            | 0             | 75            | 249           | 0             | 0             | 50,500         |
| <b>Total</b>                      | <b>5,574</b>   | <b>1,575</b>  | <b>53,983</b>  | <b>7,124</b>   | <b>278</b>    | <b>1,121</b>  | <b>5,141</b>  | <b>955</b>    | <b>1,386</b>  | <b>54,348</b>  |
| <b>Person-days Not Worked</b>     |                |               |                |                |               |               |               |               |               |                |
| Air <sup>1</sup>                  | 700            | 380           | 17,440         | 9,280          | 14,980        | 25,280        | 40            | 0             | 41,090        | 0              |
| Marine <sup>1,2</sup>             | 0              | 4,150         | 6,270          | 100            | 0             | 0             | 3,910         | 27,250        | 540           | 8,330          |
| Rail <sup>1</sup>                 | 6,980          | 0             | 14,400         | 54,450         | 0             | 0             | 22,990        | 0             | 0             | 3,200          |
| Truck                             | 240            | 340           | 610            | 0              | 0             | 0             | 3,060         | 960           | 0             | 0              |
| Bus/transit <sup>3</sup>          | 82,240         | 4,100         | 29,420         | 41,410         | 1,180         | 9,570         | 240           | 4,830         | 1,810         | 3,800          |
| Taxi/limousine                    | 22,280         | 3,140         | 12,440         | 18,320         | 0             | 770           | 21,590        | 0             | 0             | 0              |
| Other <sup>4</sup>                | 0              | 57,390        | 418,200        | 1,350          | 0             | 10,340        | 15,420        | 0             | 0             | 142,690        |
| <b>Total</b>                      | <b>112,440</b> | <b>69,500</b> | <b>498,780</b> | <b>124,910</b> | <b>16,160</b> | <b>45,960</b> | <b>67,250</b> | <b>33,040</b> | <b>43,440</b> | <b>158,020</b> |

Notes: Transportation industries based on NAICS definition. NAICS= North American Industry Classification System.

1 Includes support activities.

2 Includes marine sightseeing.

3 Includes urban transit systems, interurban and rural bus transport, school buses, charter bus transport, land sightseeing and other transit and ground passenger transportation.

4 Includes freight forwarders, support services for ground transport, other sightseeing, pipelines, postal service, couriers and messengers, and warehousing.

Source: Transport Canada, adapted from Employment and Social Development Canada (ESDC) special tabulation

**Table EC18: Average Crude Oil Prices - Canadian and U.S. \$ per Barrel, 2009–2018**

|                                   | 2009  | 2010  | 2011   | 2012   | 2013   | 2014   | 2015  | 2016  | 2017  | 2018  | <i>Per cent change</i> |      |      |
|-----------------------------------|-------|-------|--------|--------|--------|--------|-------|-------|-------|-------|------------------------|------|------|
| WTI (Cushing, Oklahoma) \$US/Bbl  | 61.63 | 79.43 | 95.00  | 94.19  | 97.98  | 93.00  | 48.80 | 43.32 | 50.95 | 64.77 | (11.2)                 | 17.6 | 27.1 |
| WTI (Cushing, Oklahoma) \$CDN/Bbl | 70.02 | 81.79 | 93.84  | 94.11  | 100.89 | 102.68 | 62.29 | 57.36 | 66.06 | 83.86 | (7.9)                  | 15.2 | 26.9 |
| Brent (UK) \$US/Bbl               | 61.53 | 79.48 | 111.22 | 111.44 | 108.52 | 99.51  | 53.64 | 45.04 | 54.83 | 71.53 | (16.0)                 | 21.7 | 30.5 |
| Brent (UK) \$CDN/Bbl              | 69.90 | 81.84 | 109.87 | 111.33 | 111.74 | 109.87 | 68.46 | 59.63 | 71.09 | 92.61 | (12.9)                 | 19.2 | 30.3 |
| Western Canada Select \$CDN/Bbl   | 58.66 | 67.21 | 77.09  | 73.08  | 74.93  | 81.06  | 44.83 | 38.89 | 50.24 | 52.34 | (13.2)                 | 29.2 | 4.2  |
| Hardisty (Bow River) \$CDN/Bbl    | 59.71 | 68.27 | 78.30  | 74.36  | 76.16  | 81.67  | 45.35 | 39.22 | 50.56 | 53.11 | (13.5)                 | 28.9 | 5.0  |
| Exchange Rate \$US/\$Cdn          | 0.88  | 0.97  | 1.01   | 1.00   | 0.97   | 0.91   | 0.78  | 0.76  | 0.77  | 0.77  | (3.6)                  | 2.1  | 0.1  |

Notes: WTI= West Texas Intermediate. UK= United Kingdom.

Source: Sproule Associates Limited

**Table EC19: Retail Price of Regular Road Gasoline and Diesel For Selected Cities, 2009–2018**

|                         | (Cents per litre) |              |              |              |              |              |              |              |              |              |
|-------------------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                         | 2009              | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         |
| <b>Regular Gasoline</b> |                   |              |              |              |              |              |              |              |              |              |
| St John's               | 102.2             | 110.7        | 129.1        | 132.6        | 129.9        | 131.4        | 109.6        | 114.5        | 125.2        | 127.1        |
| Charlottetown           | 93.3              | 101.2        | 118.8        | 123.9        | 129.3        | 131.2        | 105.8        | 99.0         | 108.8        | 121.2        |
| Halifax                 | 96.2              | 105.8        | 125.4        | 131.4        | 131.2        | 131.1        | 105.9        | 99.1         | 108.4        | 119.0        |
| Saint John              | 91.4              | 99.9         | 121.7        | 127.7        | 127.1        | 127.7        | 104.1        | 98.7         | 108.9        | 120.4        |
| Montreal                | 98.3              | 108.3        | 130.5        | 136.9        | 137.9        | 137.5        | 115.7        | 108.0        | 119.0        | 131.9        |
| Toronto                 | 91.4              | 102.1        | 124.0        | 126.7        | 127.8        | 128.2        | 106.7        | 101.2        | 113.6        | 127.0        |
| Winnipeg                | 93.5              | 97.2         | 114.0        | 117.9        | 120.5        | 117.5        | 97.1         | 92.5         | 97.7         | 113.1        |
| Regina                  | 96.7              | 102.0        | 121.6        | 122.2        | 120.1        | 120.7        | 100.4        | 92.0         | 98.8         | 114.4        |
| Calgary                 | 87.5              | 93.0         | 111.0        | 111.8        | 112.9        | 115.3        | 99.1         | 92.0         | 101.9        | 119.9        |
| Vancouver               | 103.4             | 114.7        | 131.6        | 135.1        | 137.5        | 137.7        | 124.2        | 118.8        | 134.7        | 150.1        |
| <b>Canada</b>           | <b>94.5</b>       | <b>103.5</b> | <b>123.9</b> | <b>127.5</b> | <b>128.1</b> | <b>128.3</b> | <b>108.8</b> | <b>102.8</b> | <b>114.6</b> | <b>128.8</b> |
| <b>Road Diesel</b>      |                   |              |              |              |              |              |              |              |              |              |
| St John's               | 100.0             | 111.4        | 133.8        | 137.6        | 138.5        | 139.9        | 115.7        | 108.4        | 121.6        | 138.3        |
| Charlottetown           | 92.5              | 101.8        | 123.2        | 127.2        | 137.7        | 141.2        | 114.0        | 103.1        | 113.8        | 132.2        |
| Halifax                 | 92.9              | 103.5        | 126.2        | 131.5        | 132.5        | 133.9        | 105.2        | 94.1         | 104.5        | 121.8        |
| Saint John              | 95.3              | 104.8        | 128.8        | 134.2        | 135.5        | 137.2        | 111.1        | 101.9        | 112.5        | 129.3        |
| Montreal                | 96.9              | 107.2        | 132.0        | 137.3        | 138.9        | 139.9        | 116.6        | 103.1        | 112.4        | 131.7        |
| Toronto                 | 89.0              | 101.8        | 127.9        | 125.2        | 125.8        | 130.7        | 107.8        | 93.8         | 107.9        | 125.6        |
| Winnipeg                | 86.4              | 96.6         | 116.5        | 119.3        | 124.7        | 131.9        | 100.5        | 92.7         | 103.3        | 121.2        |
| Regina                  | 87.1              | 96.5         | 118.0        | 118.4        | 123.2        | 132.4        | 99.9         | 90.9         | 101.3        | 119.5        |
| Calgary                 | 82.5              | 91.3         | 113.4        | 113.6        | 118.5        | 127.7        | 99.6         | 90.5         | 106.0        | 126.2        |
| Vancouver               | 95.5              | 111.1        | 132.1        | 138.6        | 141.9        | 145.7        | 122.1        | 111.9        | 121.0        | 139.7        |
| <b>Canada</b>           | <b>89.6</b>       | <b>100.9</b> | <b>124.5</b> | <b>125.4</b> | <b>128.5</b> | <b>134.1</b> | <b>109.2</b> | <b>97.7</b>  | <b>110.2</b> | <b>128.8</b> |

Note:

Additional cities (not shown here) are included in the sample used to calculate the national average.

Source: Kent Group Ltd.

**Table EC20: Price of Other Transportation Fuels, 2009–2018**

|                                  | (Cents per litre) |       |        |        |        |       |       |       |       |       |
|----------------------------------|-------------------|-------|--------|--------|--------|-------|-------|-------|-------|-------|
|                                  | 2009              | 2010  | 2011   | 2012   | 2013   | 2014  | 2015  | 2016  | 2017  | 2018  |
| Jet Fuel (Turbo) <sup>1</sup>    | 50.04             | 58.43 | 78.31  | 80.70  | 79.56  | 78.71 | 51.53 | 43.72 | 53.57 | 69.08 |
| Aviation Gasoline <sup>2</sup>   | 85.06             | 94.08 | 110.81 | 116.35 | 119.27 | N/A   | N/A   | N/A   | N/A   | N/A   |
| Marine Bunker <sup>3</sup>       | 44.34             | 56.26 | 76.19  | 83.82  | 81.76  | 88.40 | N/A   | N/A   | N/A   | N/A   |
| Rail Diesel (Proxy) <sup>4</sup> | 55.10             | 63.73 | 82.79  | 86.20  | 86.02  | 85.87 | 60.19 | 51.30 | 60.88 | 75.67 |

Notes: R= Revised data. P= Preliminary data. N/A= Not available.

1 U.S. Gulf Coast spot price converted to Canadian dollars.

2 Average U.S. retail price converted to Canadian dollars, to which the Canadian federal excise tax was added (11.5¢ per litre).

3 New York Harbor Residual Fuel Oil 1.0 % Sulfur LP Spot Price CIF, converted to Canadian dollars, to which the Canadian federal excise tax of 4¢ per litre was added.

4 FOB Spot Price of No 2 Diesel Ultra-Low Sulfur Spot Price in New York Harbour, converted to Canadian dollars, to which the Canadian federal excise tax of 4¢ per litre was added.

Source: Transport Canada estimates based on U.S. Department of Energy data

**Table EC21: Price and Output Indicators, Transport Industries, 2012–2017**

|                                        | Price Changes<br>(Annual per cent change) |                      |                      |                      |            | Output Changes<br>(Annual per cent change) |                      |                      |                      |             |
|----------------------------------------|-------------------------------------------|----------------------|----------------------|----------------------|------------|--------------------------------------------|----------------------|----------------------|----------------------|-------------|
|                                        | 2013/12 <sup>R</sup>                      | 2014/13 <sup>R</sup> | 2015/14 <sup>R</sup> | 2016/15 <sup>R</sup> | 2017/16    | 2013/12 <sup>R</sup>                       | 2014/13 <sup>R</sup> | 2015/14 <sup>R</sup> | 2016/15 <sup>R</sup> | 2017/16     |
| <b>CN and CP</b>                       |                                           |                      |                      |                      |            |                                            |                      |                      |                      |             |
| Agriculture                            | 8.1                                       | 0.8                  | 3.4                  | (1.8)                | 2.9        | (6.3)                                      | 21.3                 | 1.4                  | (2.8)                | 3.9         |
| Other Bulk                             | 4.1                                       | 5.6                  | 2.6                  | 0.8                  | 2.1        | (1.2)                                      | (7.3)                | (1.9)                | 2.3                  | 0.2         |
| Other Commodities                      | 3.9                                       | 7.2                  | 2.9                  | (0.2)                | 0.9        | 6.9                                        | 8.0                  | (2.3)                | (9.1)                | 9.2         |
| Intermodal                             | 0.9                                       | 2.9                  | (3.6)                | 0.2                  | 0.9        | 2.6                                        | 4.5                  | 3.1                  | (1.2)                | 9.5         |
| <b>Total Transportation Activities</b> | <b>3.7</b>                                | <b>4.5</b>           | <b>1.1</b>           | <b>(0.2)</b>         | <b>1.5</b> | <b>1.8</b>                                 | <b>6.2</b>           | <b>(0.1)</b>         | <b>(3.9)</b>         | <b>6.6</b>  |
| <b>Airline Industry</b>                |                                           |                      |                      |                      |            |                                            |                      |                      |                      |             |
| Passenger                              | 1.9                                       | (0.4)                | (3.7)                | (7.4)                | 0.1        | 0.1                                        | 7.0                  | 7.1                  | 9.9                  | 12.0        |
| Freight                                | (4.5)                                     | (4.6)                | 1.1                  | (11.2)               | (2.7)      | (0.7)                                      | 9.0                  | (1.4)                | 13.0                 | 24.6        |
| <b>Total Transportation Activities</b> | <b>1.7</b>                                | <b>(0.5)</b>         | <b>(3.6)</b>         | <b>(7.5)</b>         | <b>0.0</b> | <b>0.1</b>                                 | <b>7.1</b>           | <b>6.8</b>           | <b>10.0</b>          | <b>12.5</b> |
| <b>Business Carriers<sup>1</sup></b>   |                                           |                      |                      |                      |            |                                            |                      |                      |                      |             |
| Freight                                | 3.3                                       | 4.1                  | 1.1                  | (0.7)                | 1.3        | 1.7                                        | 6.3                  | (0.2)                | (3.2)                | 7.5         |
| Passenger                              | 1.9                                       | (0.4)                | (3.7)                | (7.4)                | 0.1        | 0.1                                        | 7.0                  | 7.1                  | 9.9                  | 12.0        |
| <b>Total Transportation Activities</b> | <b>2.5</b>                                | <b>1.6</b>           | <b>(1.6)</b>         | <b>(4.6)</b>         | <b>0.6</b> | <b>0.8</b>                                 | <b>6.7</b>           | <b>3.8</b>           | <b>4.0</b>           | <b>10.1</b> |
| <b>VIA Rail</b>                        |                                           |                      |                      |                      |            |                                            |                      |                      |                      |             |
| Corridor                               | (5.1)                                     | 6.9                  | 3.8                  | 11.8                 | 11.5       | 3.6                                        | (1.4)                | 1.2                  | (5.5)                | 2.4         |
| Long Haul                              | 8.1                                       | 7.9                  | 13.0                 | (6.3)                | (1.9)      | (15.7)                                     | (5.1)                | (4.2)                | 33.4                 | 18.0        |
| Remote-Regional                        | 15.0                                      | 7.5                  | 1.3                  | (6.4)                | (0.8)      | (1.0)                                      | (29.9)               | 12.8                 | 6.1                  | (26.4)      |
| <b>Total Transportation Activities</b> | <b>(2.0)</b>                              | <b>7.1</b>           | <b>5.6</b>           | <b>7.1</b>           | <b>8.0</b> | <b>(1.0)</b>                               | <b>(2.9)</b>         | <b>0.3</b>           | <b>2.2</b>           | <b>5.4</b>  |
| <b>Transit</b>                         |                                           |                      |                      |                      |            |                                            |                      |                      |                      |             |
| Passenger                              | 4.4                                       | 3.0                  | 3.4                  | 2.3                  | (1.3)      | 1.1                                        | 1.0                  | (0.5)                | (1.3)                | 3.7         |
| <b>Public Carriers</b>                 |                                           |                      |                      |                      |            |                                            |                      |                      |                      |             |
| Total Transportation Activities        | 3.9                                       | 3.3                  | 3.5                  | 2.6                  | (0.7)      | 0.9                                        | 0.8                  | (0.5)                | (1.1)                | 3.8         |
| <b>All Carriers Listed Above</b>       |                                           |                      |                      |                      |            |                                            |                      |                      |                      |             |
| Total Transportation Activities        | 2.7                                       | 1.8                  | (1.0)                | (3.7)                | 0.4        | 0.8                                        | 5.9                  | 3.3                  | 3.4                  | 9.3         |
| <b>Overall Economy</b>                 | <b>1.7</b>                                | <b>2.0</b>           | <b>(0.9)</b>         | <b>0.8</b>           | <b>2.6</b> | <b>2.4</b>                                 | <b>2.9</b>           | <b>0.6</b>           | <b>0.8</b>           | <b>3.5</b>  |

Notes: R= Revised data. CN= Canadian National. CP= Canadian Pacific.

<sup>1</sup> CN and CP, and the airline industry.

Source: Transport Canada, based on Statistics Canada and carriers' files

**Table EC22: Efficiency Indicators, Transport Industries, 2012–2017**

|                                      | <i>Productivity (Annual per cent change)</i> |                      |                      |              |            | <i>Unit Costs (Annual per cent change)</i> |                      |                      |              |              |
|--------------------------------------|----------------------------------------------|----------------------|----------------------|--------------|------------|--------------------------------------------|----------------------|----------------------|--------------|--------------|
|                                      | 2013/12 <sup>R</sup>                         | 2014/13 <sup>R</sup> | 2015/14 <sup>R</sup> | 2016/15      | 2017/16    | 2013/12 <sup>R</sup>                       | 2014/13 <sup>R</sup> | 2015/14 <sup>R</sup> | 2016/15      | 2017/16      |
| <b>CN and CP</b>                     |                                              |                      |                      |              |            |                                            |                      |                      |              |              |
| Labour                               | 5.8                                          | (0.1)                | 3.6                  | 6.4          | 3.2        | (3.8)                                      | (0.1)                | (17.4)               | (3.7)        | (6.3)        |
| Fuel                                 | 3.4                                          | 1.2                  | 4.0                  | 3.2          | (0.9)      | 0.4                                        | 5.1                  | (29.5)               | (14.2)       | 17.1         |
| Capital                              | (4.0)                                        | 4.6                  | (6.2)                | (5.7)        | 3.7        | 4.2                                        | (4.2)                | 1.8                  | 6.5          | (1.8)        |
| <b>Total</b>                         | <b>2.2</b>                                   | <b>0.3</b>           | <b>(2.8)</b>         | <b>5.6</b>   | <b>1.8</b> | <b>(0.5)</b>                               | <b>1.5</b>           | <b>(8.3)</b>         | <b>(5.8)</b> | <b>0.8</b>   |
| <b>Airline Industry</b>              |                                              |                      |                      |              |            |                                            |                      |                      |              |              |
| Labour                               | (0.9)                                        | 10.2                 | 4.5                  | 5.5          | 2.4        | 2.7                                        | (5.9)                | (0.3)                | (5.9)        | (4.1)        |
| Fuel                                 | 1.4                                          | 1.7                  | 3.9                  | 1.9          | 1.5        | (2.4)                                      | (0.9)                | (28.2)               | (19.6)       | 14.3         |
| Capital                              | (5.2)                                        | 1.1                  | (1.6)                | (6.3)        | 6.5        | 0.1                                        | 1.0                  | 11.1                 | 15.3         | (4.5)        |
| <b>Total</b>                         | <b>(1.6)</b>                                 | <b>2.0</b>           | <b>1.0</b>           | <b>0.4</b>   | <b>3.4</b> | <b>0.7</b>                                 | <b>(0.7)</b>         | <b>(5.8)</b>         | <b>(2.2)</b> | <b>(0.4)</b> |
| <b>Business Carriers<sup>1</sup></b> |                                              |                      |                      |              |            |                                            |                      |                      |              |              |
| Labour                               | 2.4                                          | 4.8                  | 4.1                  | 5.9          | 2.8        | (0.7)                                      | (3.0)                | (8.9)                | (4.9)        | (5.0)        |
| Fuel                                 | 2.1                                          | 1.4                  | 2.9                  | (0.0)        | 0.3        | (1.7)                                      | 0.7                  | (28.5)               | (18.3)       | 15.0         |
| Capital                              | (4.7)                                        | 2.5                  | (3.4)                | (6.1)        | 5.6        | 1.8                                        | (1.2)                | 7.4                  | 12.2         | (3.7)        |
| <b>Total</b>                         | <b>(0.2)</b>                                 | <b>1.4</b>           | <b>(0.3)</b>         | <b>2.0</b>   | <b>2.9</b> | <b>0.3</b>                                 | <b>0.1</b>           | <b>(6.7)</b>         | <b>(3.4)</b> | <b>(0.0)</b> |
| <b>Via Rail</b>                      |                                              |                      |                      |              |            |                                            |                      |                      |              |              |
| Labour                               | 5.7                                          | (4.7)                | 1.0                  | (4.5)        | 1.9        | 0.4                                        | (4.1)                | 10.7                 | (0.2)        | (5.0)        |
| Fuel                                 | 8.2                                          | 0.5                  | (3.3)                | (0.4)        | (0.6)      | (0.6)                                      | 2.1                  | 2.2                  | (16.7)       | 9.9          |
| Capital                              | 0.9                                          | (4.2)                | (0.5)                | 6.1          | 7.8        | 7.3                                        | 4.2                  | 14.3                 | 1.2          | (0.7)        |
| <b>Total</b>                         | <b>2.1</b>                                   | <b>(2.7)</b>         | <b>(7.9)</b>         | <b>(9.8)</b> | <b>7.7</b> | <b>2.6</b>                                 | <b>(0.1)</b>         | <b>14.8</b>          | <b>8.9</b>   | <b>(5.9)</b> |
| <b>Transit</b>                       |                                              |                      |                      |              |            |                                            |                      |                      |              |              |
| Labour                               | 4.3                                          | (5.0)                | 1.6                  | (1.5)        | 9.1        | 2.3                                        | 3.6                  | 6.3                  | 0.7          | (2.6)        |
| Fuel                                 | (2.9)                                        | (1.8)                | 0.5                  | (0.4)        | 20.2       | 6.2                                        | 3.3                  | (8.0)                | (10.4)       | (1.4)        |
| Capital                              | (13.2)                                       | (7.9)                | (11.8)               | (7.2)        | (3.9)      | 6.0                                        | 6.4                  | 7.7                  | 8.8          | 0.5          |
| <b>Total</b>                         | <b>(2.7)</b>                                 | <b>(5.7)</b>         | <b>(4.3)</b>         | <b>(3.9)</b> | <b>4.8</b> | <b>4.1</b>                                 | <b>4.9</b>           | <b>5.9</b>           | <b>2.4</b>   | <b>(1.6)</b> |
| <b>Total Transport</b>               |                                              |                      |                      |              |            |                                            |                      |                      |              |              |
| Business Carriers                    | (0.2)                                        | 1.4                  | (0.3)                | 2.0          | 2.9        | 0.3                                        | 0.1                  | (6.7)                | (3.4)        | (0.0)        |
| Public Carriers                      | (2.4)                                        | (5.5)                | (4.5)                | (4.3)        | 5.0        | 4.0                                        | 4.6                  | 6.4                  | 2.8          | (1.9)        |
| <b>Total</b>                         | <b>(0.9)</b>                                 | <b>(0.6)</b>         | <b>(1.6)</b>         | <b>0.1</b>   | <b>3.5</b> | <b>1.3</b>                                 | <b>1.4</b>           | <b>(3.1)</b>         | <b>(1.6)</b> | <b>(0.6)</b> |

Notes: R= Revised data. CN= Canadian National. CP= Canadian Pacific.

<sup>1</sup> CN and CP, and the airline industry.

Source: Transport Canada, based on Statistics Canada and carriers' files

**Table EC23: Cost Structure of Transport Industries, 2014–2017**

| Variable        | (Percentage of Total Costs)          |                   |             |             |                        |                   |             |             |                       |                   |             |             |
|-----------------|--------------------------------------|-------------------|-------------|-------------|------------------------|-------------------|-------------|-------------|-----------------------|-------------------|-------------|-------------|
|                 | <i>Business Carriers<sup>1</sup></i> |                   |             |             | <i>Public Carriers</i> |                   |             |             | <i>Total Carriers</i> |                   |             |             |
|                 | 2014 <sup>R</sup>                    | 2015 <sup>R</sup> | 2016        | 2017        | 2014 <sup>R</sup>      | 2015 <sup>R</sup> | 2016        | 2017        | 2014 <sup>R</sup>     | 2015 <sup>R</sup> | 2016        | 2017        |
| <b>Variable</b> | <b>81.5</b>                          | <b>78.7</b>       | <b>75.4</b> | <b>76.3</b> | <b>71.2</b>            | <b>70.8</b>       | <b>69.2</b> | <b>68.4</b> | <b>78.6</b>           | <b>76.3</b>       | <b>73.5</b> | <b>73.9</b> |
| Labour          | 23.1                                 | 22.3              | 21.7        | 20.5        | 44.6                   | 44.7              | 43.7        | 43.4        | 29.1                  | 29.1              | 28.4        | 27.3        |
| Fuel            | 25.8                                 | 19.8              | 16.9        | 19.5        | 6.8                    | 5.9               | 5.1         | 5.2         | 20.4                  | 15.6              | 13.3        | 15.3        |
| Other           | 32.7                                 | 36.6              | 36.8        | 36.3        | 19.8                   | 20.2              | 20.3        | 19.9        | 29.0                  | 31.6              | 31.7        | 31.4        |
| <b>Capital</b>  | <b>18.5</b>                          | <b>21.3</b>       | <b>24.6</b> | <b>23.7</b> | <b>28.8</b>            | <b>29.2</b>       | <b>30.8</b> | <b>31.6</b> | <b>21.4</b>           | <b>23.7</b>       | <b>26.5</b> | <b>26.1</b> |

Notes: R= Revised data. CN= Canadian National. CP= Canadian Pacific.

<sup>1</sup> CN and CP, and the airline industry.

Source: Transport Canada, based on Statistics Canada and carriers' files

**Table EC24: Financial Performance of Transportation Industries, 2011–2017**

|                                        | (Millions of dollars) |        |        |        |        |        |        |
|----------------------------------------|-----------------------|--------|--------|--------|--------|--------|--------|
|                                        | 2011                  | 2012   | 2013   | 2014   | 2015   | 2016   | 2017   |
| <b>CN and CP – Canadian Operations</b> |                       |        |        |        |        |        |        |
| Operating Revenues                     | 10,132                | 11,100 | 11,704 | 12,945 | 13,090 | 12,589 | 13,600 |
| Operating Expenses                     | 7,955                 | 8,501  | 8,631  | 9,274  | 8,456  | 7,563  | 8,128  |
| Operating Profit (Loss)                | 2,177                 | 2,599  | 3,073  | 3,670  | 4,634  | 5,027  | 5,472  |
| Operating Ratio <sup>1</sup>           | 78.5                  | 76.6   | 73.7   | 71.6   | 64.6   | 60.1   | 59.8   |
| <b>Regional Railways<sup>2</sup></b>   |                       |        |        |        |        |        |        |
| Operating Revenues                     | 354                   | 355    | 385    | 379    | 327    | 257    | 153    |
| Operating Expenses                     | 227                   | 251    | 251    | 235    | 260    | 254    | 144    |
| Operating Profit (Loss)                | 128                   | 104    | 134    | 143    | 67     | 3      | 9      |
| Operating Ratio <sup>1</sup>           | 64.0                  | 70.6   | 65.1   | 62.2   | 79.5   | 98.7   | 94.1   |
| <b>Short Line Railways<sup>3</sup></b> |                       |        |        |        |        |        |        |
| Operating Revenues <sup>R</sup>        | 362                   | 348    | 373    | 449    | 660    | 502    | 393    |
| Operating Expenses <sup>R</sup>        | 323                   | 313    | 326    | 422    | 552    | 473    | 336    |
| Operating Profit (Loss) <sup>R</sup>   | 39                    | 35     | 47     | 27     | 108    | 29     | 57     |
| Operating Ratio <sup>1,R</sup>         | 89.2                  | 90.0   | 87.5   | 94.0   | 83.6   | 94.2   | 85.5   |
| <b>Air Canada and Affiliates</b>       |                       |        |        |        |        |        |        |
| Operating Revenues <sup>R</sup>        | 10,953                | 11,409 | 11,636 | 12,458 | 13,301 | 13,810 | 15,281 |
| Operating Expenses <sup>R</sup>        | 10,707                | 10,840 | 10,880 | 11,455 | 11,613 | 12,417 | 13,702 |
| Operating Profit (Loss) <sup>R</sup>   | 245                   | 568    | 756    | 1003   | 1688   | 1392   | 1,579  |
| Operating Ratio <sup>1,R</sup>         | 97.8                  | 95.0   | 93.5   | 91.9   | 87.3   | 89.9   | 89.7   |
| <b>WestJet</b>                         |                       |        |        |        |        |        |        |
| Operating Revenues                     | 3,072                 | 3,427  | 3,662  | 3,977  | 4,029  | 4,123  | 4,507  |
| Operating Expenses                     | 2,815                 | 3,052  | 3,263  | 3,501  | 3,460  | 3,683  | 4,074  |
| Operating Profit (Loss)                | 257                   | 376    | 400    | 475    | 570    | 440    | 433    |
| Operating Ratio <sup>1</sup>           | 91.6                  | 89.0   | 89.1   | 88.0   | 85.9   | 89.3   | 90.4   |
| <b>VIA Rail</b>                        |                       |        |        |        |        |        |        |
| Operating Revenues                     | 270                   | 264    | 258    | 265    | 281    | 307    | 349    |
| Operating Subsidies                    | 261                   | 279    | 308    | 317    | 280    | 268    | 265    |
| Operating Expense                      | 572                   | 583    | 599    | 567    | 659    | 741    | 732    |
| Operating Ratio <sup>1</sup>           | 211.8                 | 220.6  | 231.7  | 214.0  | 234.7  | 241.3  | 209.9  |
| <b>Transit Industry</b>                |                       |        |        |        |        |        |        |
| Operating Revenues <sup>R</sup>        | 3,717                 | 3,893  | 4,107  | 4,240  | 4,385  | 4,507  | 4,742  |
| Operating Subsidies <sup>R</sup>       | 3,554                 | 3,593  | 3,843  | 4,044  | 4,405  | 4,469  | 5,117  |
| Total Costs <sup>R</sup>               | 9,188                 | 9,565  | 10,083 | 10,592 | 11,262 | 11,633 | 12,234 |
| Cost Recovery Ratio <sup>4,R</sup>     | 40.5                  | 40.7   | 40.7   | 40.0   | 38.9   | 38.7   | 38.8   |

Notes: R= Revised data. CN= Canadian National. CP= Canadian Pacific.

1 Operating Expenses divided by Operating Revenues.

2 Ontario Northland, Algoma Central, QNSL and BC Rail and Canadian connectors to U.S. railroads.

3 All other Class II railroads except carriers which provide incomplete information.

4 Operating Revenues divided by Total Costs.

Source: Transport Canada, based on Statistics Canada and carriers' files

# GOVERNMENT SPENDING AND REVENUES ON TRANSPORTATION

**Table G1: Summary of Transportation Expenditures and Revenues by Level of Government, 2008/09–2017/18<sup>1</sup>**

|                                                                        | (Millions of dollars) |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|------------------------------------------------------------------------|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                                        | 2008/09               | 2009/10          | 2010/11          | 2011/12          | 2012/13          | 2013/14          | 2014/15          | 2015/16          | 2016/17          | 2017/18          |
| <b>Transport Canada</b>                                                |                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Operating                                                              | 830.1                 | 884.3            | 882.9            | 873.6            | 753.9            | 826.5            | 923.4            | 942.5            | 795.6            | 895.4            |
| Capital                                                                | 66.2                  | 106.6            | 84.4             | 69.2             | 58.2             | 75.6             | 124.1            | 119.2            | 89.6             | 97.6             |
| Transfer payments                                                      | 502.1                 | 362.7            | 411.0            | 426.7            | 608.0            | 526.4            | 646.9            | 591.0            | 379.2            | 277.0            |
| <b>Gross expenditures</b>                                              | <b>13,98.4</b>        | <b>1,353.7</b>   | <b>1,378.3</b>   | <b>1,369.4</b>   | <b>1,420.1</b>   | <b>1,428.5</b>   | <b>1,694.3</b>   | <b>1,652.7</b>   | <b>1,264.4</b>   | <b>1,270.0</b>   |
| Licences and fees                                                      | 7.5                   | 5.3              | 5.0              | 4.8              | 4.0              | 3.9              | 3.0              | 1.5              | 1.3              | 1.4              |
| User fees and other revenues                                           | 447.9                 | 890.2            | 425.1            | 441.9            | 434.4            | 435.4            | 443.1            | 455.9            | 541.0            | 517.6            |
| <b>Total revenues</b>                                                  | <b>455.4</b>          | <b>895.6</b>     | <b>430.1</b>     | <b>446.7</b>     | <b>438.4</b>     | <b>439.3</b>     | <b>446.1</b>     | <b>457.4</b>     | <b>542.3</b>     | <b>519.0</b>     |
| <b>Expenditures net of revenues</b>                                    | <b>943.0</b>          | <b>458.1</b>     | <b>948.2</b>     | <b>922.7</b>     | <b>981.7</b>     | <b>989.2</b>     | <b>1,248.3</b>   | <b>1,195.3</b>   | <b>722.1</b>     | <b>751.1</b>     |
| <b>Other federal departments/agencies</b>                              |                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Operating                                                              | 1,698.2               | 2,004.8          | 2,213.1          | 2,068.1          | 2,090.9          | 2,316.2          | 2,382.5          | 2,963.0          | 3,095.7          | 2,797.6          |
| Capital                                                                | 283.8                 | 494.1            | 498.8            | 347.7            | 334.2            | 308.3            | 418.8            | 962.1            | 1,034.2          | 1,726.7          |
| Transfer payments                                                      | 2,009.6               | 2,283.1          | 3,401.3          | 2,152.3          | 1,675.2          | 1,279.5          | 1,268.0          | 1,372.4          | 1,353.7          | 1,227.9          |
| <b>Gross expenditures</b>                                              | <b>3,991.6</b>        | <b>4,782.0</b>   | <b>6,113.2</b>   | <b>4,568.1</b>   | <b>4,100.2</b>   | <b>3,904.0</b>   | <b>4,069.4</b>   | <b>5,297.5</b>   | <b>5,483.6</b>   | <b>5,752.3</b>   |
| Fuel taxes                                                             | 5,160.6               | 5,178.3          | 5,342.1          | 5,328.3          | 5,380.5          | 5,486.4          | 5,527.9          | 5,564.8          | 5,634.1          | 5,738.7          |
| Sales taxes                                                            | 5,436.1               | 5,377.7          | 5,707.1          | 5,927.8          | 6,121.1          | 6,410.3          | 6,569.6          | 6,493.1          | 6,760.0          | 6,895.1          |
| Licences and fees                                                      | 0.0                   | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 0.0              | 30.3             | 28.0             | 32.8             |
| User fees and other revenues                                           | 430.8                 | 420.4            | 641.3            | 673.4            | 745.9            | 858.6            | 910.9            | 1,006.0          | 1,084.5          | 1,040.1          |
| <b>Total revenues</b>                                                  | <b>11,027.5</b>       | <b>10,976.3</b>  | <b>11,690.4</b>  | <b>11,929.5</b>  | <b>12,247.6</b>  | <b>12,755.2</b>  | <b>13,008.5</b>  | <b>13,094.2</b>  | <b>13,506.6</b>  | <b>13,706.8</b>  |
| <b>Expenditures net of revenues<sup>2</sup></b>                        | <b>(7,036.0)</b>      | <b>(6,194.4)</b> | <b>(5,577.3)</b> | <b>(7,361.4)</b> | <b>(8,147.3)</b> | <b>(8,851.3)</b> | <b>(8939.2)</b>  | <b>(7,796.7)</b> | <b>(8,022.9)</b> | <b>(7,954.5)</b> |
| <b>Provinces and territories</b>                                       |                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Operating                                                              | 5,495.4               | 4,202.0          | 4,435.9          | 4,669.5          | 6,499.3          | 9,029.2          | 9,233.7          | 10,266.9         | 10,111.1         | 11,143.1         |
| Capital                                                                | 8,701.5               | 7,664.6          | 8,454.4          | 8,042.9          | 8,746.1          | 8,670.1          | 8,270.5          | 10,976.8         | 11,325.9         | 12,094.4         |
| Transfer payments                                                      | 2,659.0               | 3,829.3          | 3,445.5          | 3,386.5          | 4,563.6          | 4,782.2          | 5,118.2          | 5,575.7          | 5,564.4          | 6,086.8          |
| <b>Gross expenditures</b>                                              | <b>16,855.9</b>       | <b>15,695.9</b>  | <b>16,335.8</b>  | <b>16,098.8</b>  | <b>19,809.0</b>  | <b>22,481.6</b>  | <b>22,622.4</b>  | <b>26,819.4</b>  | <b>27,001.5</b>  | <b>29,324.3</b>  |
| Federal transfers to provinces/territories <sup>3</sup>                | (388.0)               | (779.3)          | (1,330.6)        | (966.4)          | (1,066.0)        | (728.8)          | (854.3)          | (2,590.2)        | (2,586.9)        | (3,148.1)        |
| <b>Expenditures net of transfers</b>                                   | <b>16,467.8</b>       | <b>14,916.7</b>  | <b>15,005.2</b>  | <b>15,132.4</b>  | <b>18,743.0</b>  | <b>21,752.7</b>  | <b>21,768.1</b>  | <b>24,229.1</b>  | <b>24,414.6</b>  | <b>26,176.2</b>  |
| Fuel taxes                                                             | 7,736.5               | 8,113.2          | 8,147.1          | 8,610.2          | 8,639.9          | 9,198.0          | 9,157.7          | 9,801.0          | 10,166.7         | 10,287.5         |
| Sales taxes                                                            | 5,725.8               | 6,027.8          | 7,178.0          | 8,211.4          | 8,678.8          | 9,129.6          | 9,493.0          | 9,628.8          | 10,131.3         | 10,333.9         |
| Licences and fees                                                      | 3,483.5               | 3,558.1          | 3,348.5          | 3,330.8          | 3,570.3          | 3,968.9          | 4,227.4          | 4,567.3          | 4,864.0          | 5,196.7          |
| User fees and other revenues                                           | 45.0                  | 42.5             | 48.2             | 890.5            | 957.7            | 1,139.7          | 1,328.0          | 1,360.7          | 1,457.5          | 2,209.9          |
| <b>Total revenues</b>                                                  | <b>16,990.8</b>       | <b>17,741.6</b>  | <b>18,721.8</b>  | <b>21,042.9</b>  | <b>21,846.6</b>  | <b>23,436.3</b>  | <b>24,206.2</b>  | <b>25,357.8</b>  | <b>26,619.5</b>  | <b>28,028.0</b>  |
| <b>Expenditures net of revenues<sup>2</sup></b>                        | <b>(523.0)</b>        | <b>(2,824.9)</b> | <b>(3,716.6)</b> | <b>(5,910.4)</b> | <b>(3,103.6)</b> | <b>(1,683.6)</b> | <b>(2,438.1)</b> | <b>(1,128.7)</b> | <b>(2,204.9)</b> | <b>(1,851.8)</b> |
| <b>Combined federal and provincial/territorial governments</b>         |                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| <b>Expenditures net of transfers</b>                                   |                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Federal government (gross expenditures)                                | 5,390.0               | 6,135.7          | 7,491.5          | 5,937.6          | 5,520.3          | 5,332.5          | 5,763.7          | 6,950.2          | 6,748.0          | 7,022.3          |
| Provincial/territorial governments (expenditures net of transfers)     | 16,467.8              | 14,916.7         | 15,005.2         | 15,132.4         | 18,743.0         | 21,752.7         | 21,768.1         | 24,229.1         | 24,414.6         | 26,176.2         |
| <b>Overall</b>                                                         | <b>21,857.8</b>       | <b>21,052.3</b>  | <b>22,496.7</b>  | <b>21,070.0</b>  | <b>24,263.4</b>  | <b>27,085.2</b>  | <b>27,531.8</b>  | <b>31,179.3</b>  | <b>31,162.6</b>  | <b>33,198.5</b>  |
| <b>Revenues</b>                                                        |                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Federal government revenues <sup>3</sup>                               | 11,482.9              | 11,871.9         | 12,120.5         | 12,376.2         | 12,686.0         | 13,194.5         | 13,454.6         | 13,551.6         | 14,048.8         | 14,225.8         |
| Provincial/territorial government revenues                             | 16,990.8              | 17,741.6         | 18,721.8         | 21,042.9         | 21,846.6         | 23,436.3         | 24,206.2         | 25,357.8         | 26,619.5         | 28,028.0         |
| <b>Overall</b>                                                         | <b>28,473.7</b>       | <b>29,613.5</b>  | <b>30,842.3</b>  | <b>33,419.1</b>  | <b>34,532.5</b>  | <b>36,630.8</b>  | <b>37,660.8</b>  | <b>38,909.4</b>  | <b>40,668.3</b>  | <b>42,253.8</b>  |
| <b>Revenues (not including sales taxes)</b>                            |                       |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Federal government revenues (not including sales taxes)                | 6046.8                | 6,494.2          | 6,413.4          | 6,448.4          | 6,564.8          | 6,784.2          | 6,885.0          | 7,058.5          | 7,288.9          | 7,330.6          |
| Provincial/territorial government revenues (not including sales taxes) | 11,265.0              | 11,713.7         | 11,543.8         | 12,831.5         | 13,167.8         | 14,306.7         | 14,713.2         | 15,729.0         | 16,488.2         | 17,694.1         |
| <b>Overall<sup>4</sup></b>                                             | <b>17,311.8</b>       | <b>18,207.9</b>  | <b>17,957.2</b>  | <b>19,279.9</b>  | <b>19,732.6</b>  | <b>21,090.9</b>  | <b>21,598.1</b>  | <b>22,787.5</b>  | <b>23,777.1</b>  | <b>25,024.7</b>  |

Notes:

1 The tables in this section (G) cover the 10 fiscal years up to the end of March, 2018. Data are presented on a modified cash (public accounts) basis.

2 Brackets indicate revenues exceed expenditures.

3 Estimation of transportation-related transfer payments received (as reported by provincial/territorial respondents).

4 Provided for comparison with past years' reports.

Sources: Survey responses from provincial/territorial governments and selected federal government departments and agencies; Public Accounts; Departmental Performance Reports (including supplementary tables); Department of Finance tax expenditure reports; Statistics Canada data. Some amounts have been imputed for non-response/missing data. For detailed results, see tables G3, G4 and G6.

**Table G2: Transportation Expenditures and Revenues by Mode and Level of Government, 2008/09–2017/18**

|                                                                                            | (Millions of dollars) |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------------------------------------------------------------------------------------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                                                                            | 2008/09               | 2009/10         | 2010/11         | 2011/12         | 2012/13         | 2013/14         | 2014/15         | 2015/16         | 2016/17         | 2017/18         |
| <b>Federal Operating Expenditures, Capital Expenditures and Transfers<sup>1</sup></b>      |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Air Mode                                                                                   | 733.7                 | 982.5           | 934.4           | 847.7           | 811.2           | 885.1           | 984.8           | 1,003.8         | 1,048.3         | 1,074.7         |
| Marine Mode                                                                                | 1,240.6               | 1,339.8         | 1,494.8         | 1,235.7         | 1,279.5         | 1,329.5         | 1,267.2         | 2,044.2         | 1,971.3         | 2,059.4         |
| Rail Mode                                                                                  | 314.4                 | 445.6           | 581.0           | 544.0           | 470.1           | 448.8           | 451.5           | 499.7           | 396.2           | 412.4           |
| Road Mode                                                                                  | 883.7                 | 1,478.2         | 2,420.1         | 1,336.9         | 1,166.4         | 752.5           | 1,007.7         | 1,376.6         | 1,602.4         | 1,984.2         |
| Transit                                                                                    | 1,366.1               | 1,059.6         | 1,149.3         | 1,051.0         | 775.7           | 844.9           | 743.9           | 805.5           | 797.3           | 588.6           |
| Other Modes                                                                                | 851.5                 | 829.9           | 911.8           | 922.3           | 1,017.4         | 1,071.7         | 1,308.7         | 1,220.4         | 932.6           | 903.0           |
| <b>Subtotal</b>                                                                            | <b>5,390.0</b>        | <b>6,135.7</b>  | <b>7,491.5</b>  | <b>5,937.6</b>  | <b>5,520.3</b>  | <b>5,332.5</b>  | <b>5,763.7</b>  | <b>6,950.2</b>  | <b>6,748.0</b>  | <b>7,022.3</b>  |
| <b>Provincial/Territorial Expenditures (before deducting federal transfers)</b>            |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Air Mode                                                                                   | 136.4                 | 180.8           | 218.2           | 189.2           | 184.8           | 263.5           | 279.7           | 356.5           | 284.9           | 280.6           |
| Marine Mode                                                                                | 377.4                 | 399.3           | 428.4           | 487.4           | 496.2           | 479.8           | 544.3           | 568.3           | 524.9           | 644.8           |
| Rail Mode                                                                                  | 58.4                  | 71.3            | 78.5            | 81.5            | 91.6            | 117.8           | 92.7            | 103.3           | 86.1            | 94.6            |
| Road Mode                                                                                  | 13,973.8              | 12,767.8        | 13,182.2        | 12,713.6        | 12,978.8        | 14,794.4        | 14,572.5        | 17,456.1        | 16,872.5        | 17,921.0        |
| Transit                                                                                    | 1,946.5               | 1,936.5         | 2,096.6         | 2,278.6         | 5,633.3         | 6,476.1         | 6,784.1         | 8,094.9         | 8,998.3         | 10,203.4        |
| Other Modes                                                                                | 363.3                 | 340.1           | 331.9           | 348.5           | 424.2           | 349.9           | 349.2           | 240.2           | 234.7           | 179.8           |
| <b>Subtotal</b>                                                                            | <b>16,855.9</b>       | <b>15,695.9</b> | <b>16,335.8</b> | <b>16,098.8</b> | <b>19,809.0</b> | <b>22,481.6</b> | <b>22,622.4</b> | <b>26,819.4</b> | <b>27,001.5</b> | <b>29,324.3</b> |
| <b>Provincial/Territorial Expenditures Net of Federal Transfers<sup>2</sup></b>            |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Air Mode                                                                                   | 118.9                 | 163.8           | 211.9           | 185.4           | 164.8           | 237.7           | 261.5           | 343.0           | 279.7           | 267.7           |
| Marine Mode                                                                                | 351.1                 | 372.4           | 400.9           | 459.4           | 467.6           | 449.0           | 514.9           | 538.6           | 495.8           | 613.4           |
| Rail Mode                                                                                  | 58.0                  | 66.0            | 74.6            | 77.5            | 84.2            | 108.6           | 85.2            | 90.5            | 86.0            | 93.6            |
| Road Mode                                                                                  | 13,629.9              | 12,037.7        | 11,939.9        | 11,857.2        | 11,974.8        | 14,147.8        | 13,829.6        | 16,665.1        | 15,983.5        | 16,904.8        |
| Transit                                                                                    | 1,946.5               | 1,936.5         | 2,045.9         | 2,205.3         | 5,633.3         | 6,459.7         | 6,727.7         | 6,351.6         | 7,334.8         | 8,116.8         |
| Other Modes                                                                                | 363.3                 | 340.1           | 331.9           | 347.6           | 418.3           | 349.9           | 349.2           | 240.2           | 234.7           | 179.8           |
| <b>Subtotal</b>                                                                            | <b>16,467.8</b>       | <b>14,916.7</b> | <b>15,005.2</b> | <b>15,132.4</b> | <b>18,743.0</b> | <b>21,752.7</b> | <b>21,768.1</b> | <b>24,229.1</b> | <b>24,414.6</b> | <b>26,176.2</b> |
| <b>Total Expenses: (Gross) Federal plus (Net) Provincial/Territorial Government Levels</b> |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Air Mode                                                                                   | 852.6                 | 1,146.4         | 1,146.3         | 1,033.0         | 976.0           | 1,122.8         | 1,246.3         | 1,346.8         | 1,328.0         | 1,342.4         |
| Marine Mode                                                                                | 1,591.7               | 1,712.3         | 1,895.7         | 1,695.1         | 1,747.1         | 1,778.5         | 1,782.1         | 2,582.8         | 2,467.1         | 2,672.8         |
| Rail Mode                                                                                  | 372.5                 | 511.7           | 655.6           | 621.5           | 554.3           | 557.4           | 536.7           | 590.3           | 482.2           | 506.0           |
| Road Mode                                                                                  | 14,513.6              | 13,515.9        | 14,360.1        | 13,194.1        | 13,141.2        | 14,900.3        | 14,837.3        | 18,041.8        | 17,585.9        | 18,889.0        |
| Transit                                                                                    | 3,312.6               | 2,996.2         | 3,195.3         | 3,256.3         | 6,409.0         | 7,304.6         | 7,471.5         | 7,157.1         | 8,132.2         | 8,705.4         |
| Other Modes                                                                                | 1,214.8               | 1,170.0         | 1,243.7         | 1,269.9         | 1,435.7         | 1,421.6         | 1,657.9         | 1,460.6         | 1,167.3         | 1,082.8         |
| <b>Subtotal</b>                                                                            | <b>21,857.8</b>       | <b>21,052.3</b> | <b>22,496.7</b> | <b>21,070.0</b> | <b>24,263.4</b> | <b>27,085.2</b> | <b>27,531.8</b> | <b>31,179.3</b> | <b>31,162.6</b> | <b>33,198.5</b> |
| <b>Federal Revenues</b>                                                                    |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Air Mode                                                                                   | 884.7                 | 856.8           | 1,128.7         | 1,193.9         | 1,215.2         | 1,307.2         | 1,366.7         | 1,392.1         | 1,517.4         | 1,539.0         |
| Marine Mode                                                                                | 82.1                  | 82.0            | 81.1            | 84.1            | 142.0           | 158.4           | 163.1           | 237.4           | 273.9           | 200.4           |
| Rail Mode                                                                                  | 26.2                  | 13.1            | 13.8            | 15.5            | 16.8            | 19.6            | 17.6            | 17.1            | 16.8            | 18.0            |
| Road Mode                                                                                  | 9,328.3               | 9,323.3         | 9,723.6         | 9,903.4         | 10,135.9        | 10,482.2        | 10,674.3        | 10,651.4        | 11,042.3        | 11,176.7        |
| Transit                                                                                    | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.1             | 0.0             | 0.2             |
| Other Modes                                                                                | 1,161.6               | 1,596.7         | 1,173.4         | 1,179.4         | 1,176.1         | 1,227.2         | 1,232.9         | 1,253.5         | 1,198.3         | 1,291.5         |
| <b>Subtotal</b>                                                                            | <b>11,482.9</b>       | <b>11,871.9</b> | <b>12,120.5</b> | <b>12,376.2</b> | <b>12,686.0</b> | <b>13,194.5</b> | <b>13,454.6</b> | <b>13,551.6</b> | <b>14,048.8</b> | <b>14,225.8</b> |
| <b>Provincial/Territorial Revenues</b>                                                     |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Air Mode                                                                                   | 38.5                  | 45.2            | 86.1            | 111.0           | 115.7           | 119.9           | 124.1           | 135.6           | 147.2           | 153.4           |
| Marine Mode                                                                                | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 20.8            | 22.3            | 25.2            | 53.9            |
| Rail Mode                                                                                  | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 11.4            | 11.5            | 11.2            | 10.6            | 62.7            |
| Road Mode <sup>3</sup>                                                                     | 16,902.0              | 17,631.2        | 18,509.0        | 19,866.2        | 20,628.7        | 22,039.4        | 22,764.0        | 23,842.6        | 25,219.3        | 25,868.1        |
| Transit                                                                                    | 15.5                  | 19.9            | 39.4            | 942.7           | 976.9           | 1,144.4         | 1,164.6         | 1,175.2         | 1,017.5         | 1,277.6         |
| Other Modes                                                                                | 34.8                  | 45.3            | 87.4            | 122.9           | 125.3           | 121.1           | 121.2           | 170.9           | 199.7           | 612.3           |
| <b>Subtotal</b>                                                                            | <b>16,990.8</b>       | <b>17,741.6</b> | <b>18,721.8</b> | <b>21,042.9</b> | <b>21,846.6</b> | <b>23,436.3</b> | <b>24,206.2</b> | <b>25,357.8</b> | <b>26,619.5</b> | <b>28,028.0</b> |
| <b>Total Revenues: Federal plus Provincial/Territorial Government Levels</b>               |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Air Mode                                                                                   | 923.2                 | 902.0           | 1,214.8         | 1,304.9         | 1,330.9         | 1,427.1         | 1,490.8         | 1,527.7         | 1,664.6         | 1,692.4         |
| Marine Mode                                                                                | 82.1                  | 82.0            | 81.1            | 84.1            | 142.0           | 158.4           | 183.9           | 259.7           | 299.1           | 254.3           |
| Rail Mode                                                                                  | 26.2                  | 13.1            | 13.8            | 15.5            | 16.8            | 31.0            | 29.1            | 28.3            | 27.5            | 80.7            |
| Road Mode                                                                                  | 26,230.3              | 26,954.5        | 28,232.5        | 29,769.6        | 30,764.6        | 32,521.6        | 33,438.3        | 34,494.1        | 36,261.6        | 37,044.9        |
| Transit <sup>4</sup>                                                                       | 15.5                  | 19.9            | 39.4            | 942.7           | 976.9           | 1,144.4         | 1,164.6         | 1,175.2         | 1,017.5         | 1,277.9         |
| Other Modes                                                                                | 1,196.4               | 1,642.0         | 1,260.8         | 1,302.3         | 1,301.4         | 1,348.3         | 1,354.1         | 1,424.5         | 1,398.0         | 1,903.7         |
| <b>Subtotal</b>                                                                            | <b>28,473.7</b>       | <b>29,613.5</b> | <b>30,842.3</b> | <b>33,419.1</b> | <b>34,532.5</b> | <b>36,630.8</b> | <b>37,660.8</b> | <b>38,909.4</b> | <b>40,668.3</b> | <b>42,253.8</b> |

Notes:

1 Tax expenditures are also included.

2 Excludes estimated transportation-related transfer payments received (as reported by provincial/territorial respondents).

3 Some provinces/territories were unable to split out road versus non-road fuel tax revenues. In these cases, all fuel tax revenues were allocated to the road mode.

4 Sales tax moved from Road to Transit.

Sources: Survey responses from provincial/territorial governments and selected federal government departments and agencies; Public Accounts; Departmental Performance Reports (including supplementary tables); Department of Finance tax expenditure reports; Statistics Canada data. Some amounts have been imputed for non-response/missing data. For detailed results, see tables G3, G4 and G6.

**Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2008/09–2017/18<sup>1</sup>**

|                                                                                  | (Millions of dollars) |              |              |              |              |              |              |                |                |                |
|----------------------------------------------------------------------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|
|                                                                                  | 2008/09               | 2009/10      | 2010/11      | 2011/12      | 2012/13      | 2013/14      | 2014/15      | 2015/16        | 2016/17        | 2017/18        |
| <b>AIR MODE</b>                                                                  |                       |              |              |              |              |              |              |                |                |                |
| <b>Transport Canada</b>                                                          |                       |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 275.2                 | 290.6        | 283.2        | 272.6        | 238.7        | 238.0        | 256.4        | 242.1          | 219.1          | 241.8          |
| Capital                                                                          | 0.0                   | 5.8          | 7.9          | 5.0          | 3.8          | 4.4          | 7.8          | 11.2           | 5.0            | 11.7           |
| Transfer payments                                                                | 0.0                   | 53.4         | 10.9         | 31.8         | 31.3         | 13.0         | 0.2          | 0.2            | 0.2            | 0.2            |
| <b>Gross expenditures</b>                                                        | <b>275.2</b>          | <b>349.8</b> | <b>302.1</b> | <b>309.4</b> | <b>273.8</b> | <b>255.5</b> | <b>264.4</b> | <b>253.4</b>   | <b>224.2</b>   | <b>253.8</b>   |
| <b>Transportation Safety Board<sup>2</sup></b>                                   |                       |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 17.7                  | 13.6         | 14.3         | 14.4         | 13.7         | 14.7         | 15.0         | 13.1           | 12.9           | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>17.7</b>           | <b>13.6</b>  | <b>14.3</b>  | <b>14.4</b>  | <b>13.7</b>  | <b>14.7</b>  | <b>15.0</b>  | <b>13.1</b>    | <b>12.9</b>    | <b>0.0</b>     |
| <b>Canadian Air Transport Security Authority</b>                                 |                       |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 427.8                 | 603.9        | 573.1        | 515.0        | 513.4        | 559.1        | 623.9        | 656.7          | 725.3          | 723.4          |
| <b>Gross expenditures</b>                                                        | <b>427.8</b>          | <b>603.9</b> | <b>573.1</b> | <b>515.0</b> | <b>513.4</b> | <b>559.1</b> | <b>623.9</b> | <b>656.7</b>   | <b>725.3</b>   | <b>723.4</b>   |
| <b>Infrastructure Canada</b>                                                     |                       |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.0                   | 7.4          | 39.4         | 6.9          | 0.3          | 0.0          | 0.9          | 1.3            | 6.9            | 6.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>7.4</b>   | <b>39.4</b>  | <b>6.9</b>   | <b>0.3</b>   | <b>0.0</b>   | <b>0.9</b>   | <b>1.3</b>     | <b>6.9</b>     | <b>6.0</b>     |
| <b>Environment and Climate Change Canada</b>                                     |                       |              |              |              |              |              |              |                |                |                |
| Capital                                                                          | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.6          | 4.7            | 3.1            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.6</b>   | <b>4.7</b>     | <b>3.1</b>     | <b>0.0</b>     |
| <b>Public Services and Procurement Canada</b>                                    |                       |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 0.0                   | 0.0          | 0.0          | 0.0          | 9.2          | 1.0          | 16.9         | 11.6           | 12.8           | 21.1           |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>9.2</b>   | <b>1.0</b>   | <b>16.9</b>  | <b>11.6</b>    | <b>12.8</b>    | <b>21.1</b>    |
| <b>Atlantic Canada Opportunities Agency</b>                                      |                       |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.6                   | 1.2          | 1.2          | 0.3          | 0.2          | 0.1          | 1.0          | 2.2            | 1.3            | 1.1            |
| <b>Gross expenditures</b>                                                        | <b>0.6</b>            | <b>1.2</b>   | <b>1.2</b>   | <b>0.3</b>   | <b>0.2</b>   | <b>0.1</b>   | <b>1.0</b>   | <b>2.2</b>     | <b>1.3</b>     | <b>1.1</b>     |
| <b>Economic Development Agency of Canada for the Regions of Quebec</b>           |                       |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 3.4                   | 4.8          | 1.8          | 1.0          | 0.0          | 2.6          | 0.0          | 2.3            | 1.8            | 4.0            |
| <b>Gross expenditures</b>                                                        | <b>3.4</b>            | <b>4.8</b>   | <b>1.8</b>   | <b>1.0</b>   | <b>0.0</b>   | <b>2.6</b>   | <b>0.0</b>   | <b>2.3</b>     | <b>1.8</b>     | <b>4.0</b>     |
| <b>FedDev Ontario (federal economic development agency for Southern Ontario)</b> |                       |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.8          | 0.8          | 1.9            | 3.2            | 4.8            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.8</b>   | <b>0.8</b>   | <b>1.9</b>     | <b>3.2</b>     | <b>4.8</b>     |
| <b>FedNor (federal economic development agency for Northern Ontario)</b>         |                       |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.5                   | 0.6          | 0.8          | 0.5          | 0.6          | 1.2          | 1.3          | 1.0            | 0.4            | 0.4            |
| <b>Gross expenditures</b>                                                        | <b>0.5</b>            | <b>0.6</b>   | <b>0.8</b>   | <b>0.5</b>   | <b>0.6</b>   | <b>1.2</b>   | <b>1.3</b>   | <b>1.0</b>     | <b>0.4</b>     | <b>0.4</b>     |
| <b>Western Economic Diversification</b>                                          |                       |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 8.4                   | 1.2          | 0.3          | 0.2          | 0.0          | 0.4          | 0.1          | 0.0            | 0.9            | 2.0            |
| <b>Gross expenditures</b>                                                        | <b>8.4</b>            | <b>1.2</b>   | <b>0.3</b>   | <b>0.2</b>   | <b>0.0</b>   | <b>0.4</b>   | <b>0.1</b>   | <b>0.0</b>     | <b>0.9</b>     | <b>2.0</b>     |
| <b>Canadian Northern Economic Development Agency</b>                             |                       |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.0                   | 0.0          | 1.3          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>   | <b>1.3</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     |
| <b>Statistics Canada</b>                                                         |                       |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 1.4          | 1.8          | 1.9            | 1.7            | 2.4            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>1.4</b>   | <b>1.8</b>   | <b>1.9</b>     | <b>1.7</b>     | <b>2.4</b>     |
| <b>National Research Council Canada</b>                                          |                       |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 19.4         | 24.9         | 22.5           | 16.8           | 20.0           |
| Capital                                                                          | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 8.0          | 8.3          | 7.4            | 10.7           | 9.2            |
| Transfer payments                                                                | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.1          | 0.4          | 0.8            | 0.3            | 0.1            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>27.5</b>  | <b>33.7</b>  | <b>30.7</b>    | <b>27.8</b>    | <b>29.3</b>    |
| <b>Natural Sciences and Engineering Research Council</b>                         |                       |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 20.8         | 24.4         | 22.8           | 25.8           | 26.4           |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>20.8</b>  | <b>24.4</b>  | <b>22.8</b>    | <b>25.8</b>    | <b>26.4</b>    |
| <b>Total (federal government departments and agencies)</b>                       |                       |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 720.7                 | 908.1        | 870.7        | 802.1        | 775.0        | 833.6        | 938.9        | 948.0          | 988.7          | 1,008.8        |
| Capital                                                                          | 0.0                   | 5.8          | 7.9          | 5.0          | 3.8          | 12.5         | 16.7         | 23.3           | 18.8           | 20.9           |
| Transfer payments                                                                | 12.9                  | 68.6         | 55.8         | 40.6         | 32.4         | 39.1         | 29.1         | 32.5           | 40.8           | 45.1           |
| <b>Gross expenditures</b>                                                        | <b>733.7</b>          | <b>982.5</b> | <b>934.4</b> | <b>847.7</b> | <b>811.2</b> | <b>885.1</b> | <b>984.8</b> | <b>1,003.8</b> | <b>1,048.3</b> | <b>1,074.7</b> |

Table G3 continues on the next page

|                                                                                  | 2008/09      | 2009/10      | 2010/11      | 2011/12      | 2012/13      | 2013/14      | 2014/15      | 2015/16        | 2016/17        | 2017/18        |
|----------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|
| <b>MARINE MODE</b>                                                               |              |              |              |              |              |              |              |                |                |                |
| <b>Transport Canada</b>                                                          |              |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 177.3        | 115.0        | 111.3        | 104.3        | 97.3         | 96.3         | 112.4        | 102.2          | 89.5           | 122.4          |
| Capital                                                                          | 0.0          | 4.4          | 2.6          | 2.1          | 1.2          | 2.7          | 3.7          | 5.9            | 6.0            | 6.2            |
| Transfer payments                                                                | 0.0          | 12.3         | 3.9          | 1.8          | 0.7          | 0.5          | 5.1          | 9.4            | 12.6           | 4.4            |
| <b>Gross expenditures</b>                                                        | <b>177.3</b> | <b>131.7</b> | <b>117.8</b> | <b>108.2</b> | <b>99.2</b>  | <b>99.5</b>  | <b>121.2</b> | <b>117.6</b>   | <b>108.1</b>   | <b>133.0</b>   |
| <b>Transportation Safety Board<sup>2</sup></b>                                   |              |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 7.0          | 5.5          | 4.5          | 4.6          | 5.8          | 5.5          | 4.9          | 5.2            | 5.0            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>7.0</b>   | <b>5.5</b>   | <b>4.5</b>   | <b>4.6</b>   | <b>5.8</b>   | <b>5.5</b>   | <b>4.9</b>   | <b>5.2</b>     | <b>5.0</b>     | <b>0.0</b>     |
| <b>Department of Finance Canada</b>                                              |              |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.0          | 0.1          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.1</b>   | <b>0.1</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     |
| <b>Marine Atlantic</b>                                                           |              |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 117.5        | 123.5        | 210.9        | 183.3        | 184.9        | 154.4        | 127.5        | 350.9          | 99.0           | 146.7          |
| <b>Gross expenditures</b>                                                        | <b>117.5</b> | <b>123.5</b> | <b>210.9</b> | <b>183.3</b> | <b>184.9</b> | <b>154.4</b> | <b>127.5</b> | <b>350.9</b>   | <b>99.0</b>    | <b>146.7</b>   |
| <b>Infrastructure Canada</b>                                                     |              |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.0          | 24.4         | 114.7        | 20.8         | 4.5          | 1.0          | 1.7          | 4.1            | 15.1           | 18.3           |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>24.4</b>  | <b>114.7</b> | <b>20.8</b>  | <b>4.5</b>   | <b>1.0</b>   | <b>1.7</b>   | <b>4.1</b>     | <b>15.1</b>    | <b>18.3</b>    |
| <b>Canadian Coast Guard</b>                                                      |              |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 622.1        | 572.1        | 567.1        | 539.4        | 562.4        | 620.0        | 529.9        | 652.3          | 700.5          | 782.7          |
| Capital                                                                          | 176.1        | 240.5        | 248.2        | 187.8        | 219.2        | 200.6        | 241.9        | 450.3          | 423.3          | 483.5          |
| Transfer payments                                                                | 5.5          | 5.3          | 5.2          | 11.5         | 10.5         | 5.1          | 5.1          | 5.6            | 5.6            | 8.2            |
| <b>Gross expenditures</b>                                                        | <b>803.7</b> | <b>817.9</b> | <b>820.5</b> | <b>738.7</b> | <b>792.1</b> | <b>825.7</b> | <b>776.9</b> | <b>1,108.2</b> | <b>1,129.5</b> | <b>1,274.4</b> |
| <b>Department of Fisheries and Oceans - Small Craft Harbours</b>                 |              |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 83.7         | 118.8        | 112.4        | 102.5        | 67.4         | 61.7         | 63.7         | 50.2           | 56.8           | 50.8           |
| Capital                                                                          | 32.1         | 98.8         | 86.8         | 51.9         | 40.8         | 32.0         | 37.5         | 165.4          | 234.9          | 156.9          |
| Transfer payments                                                                | 3.9          | 3.5          | 7.2          | 9.2          | 7.1          | 5.0          | 3.2          | 2.3            | 4.5            | 3.4            |
| <b>Gross expenditures</b>                                                        | <b>119.8</b> | <b>221.0</b> | <b>206.4</b> | <b>163.6</b> | <b>115.3</b> | <b>98.7</b>  | <b>104.5</b> | <b>217.9</b>   | <b>296.2</b>   | <b>211.1</b>   |
| <b>Parks Canada Agency</b>                                                       |              |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 3.6          | 2.8          | 5.5          | 6.4          | 8.2          | 13.3         | 32.2         | 32.8           | 30.5           | 32.1           |
| Capital                                                                          | 2.3          | 5.1          | 8.3          | 6.1          | 1.2          | 10.2         | 20.9         | 54.1           | 92.0           | 126.5          |
| <b>Gross expenditures</b>                                                        | <b>5.9</b>   | <b>8.0</b>   | <b>13.8</b>  | <b>12.5</b>  | <b>9.3</b>   | <b>23.5</b>  | <b>53.1</b>  | <b>86.9</b>    | <b>122.5</b>   | <b>158.6</b>   |
| <b>Public Services and Procurement Canada</b>                                    |              |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 0.0          | 0.0          | 0.0          | 0.0          | 60.1         | 99.6         | 59.8         | 135.2          | 177.2          | 98.9           |
| Capital                                                                          | 0.0          | 0.0          | 0.0          | 0.0          | 1.3          | 0.3          | 0.5          | 0.3            | 0.6            | 2.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>61.4</b>  | <b>99.9</b>  | <b>60.3</b>  | <b>135.5</b>   | <b>177.8</b>   | <b>100.9</b>   |
| <b>Atlantic Canada Opportunities Agency</b>                                      |              |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 1.4          | 0.3          | 0.3          | 1.2          | 1.0          | 2.5          | 4.8          | 5.1            | 7.9            | 4.2            |
| <b>Gross expenditures</b>                                                        | <b>1.4</b>   | <b>0.3</b>   | <b>0.3</b>   | <b>1.2</b>   | <b>1.0</b>   | <b>2.5</b>   | <b>4.8</b>   | <b>5.1</b>     | <b>7.9</b>     | <b>4.2</b>     |
| <b>Economic Development Agency of Canada for the Regions of Quebec</b>           |              |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 6.7          | 5.9          | 3.2          | 2.2          | 3.9          | 4.6          | 0.1          | 0.1            | 1.0            | 1.1            |
| <b>Gross expenditures</b>                                                        | <b>6.7</b>   | <b>5.9</b>   | <b>3.2</b>   | <b>2.2</b>   | <b>3.9</b>   | <b>4.6</b>   | <b>0.1</b>   | <b>0.1</b>     | <b>1.0</b>     | <b>1.1</b>     |
| <b>FedDev Ontario (federal economic development agency for Southern Ontario)</b> |              |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 2.4          | 0.1          | 0.0            | 0.1            | 0.2            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>2.4</b>   | <b>0.1</b>   | <b>0.0</b>     | <b>0.1</b>     | <b>0.2</b>     |
| <b>FedNor (federal economic development agency for Northern Ontario)</b>         |              |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 1.0          | 0.3          | 2.5          | 0.0          | 0.6          | 0.6          | 0.5          | 2.4            | 0.6            | 0.4            |
| <b>Gross expenditures</b>                                                        | <b>1.0</b>   | <b>0.3</b>   | <b>2.5</b>   | <b>0.0</b>   | <b>0.6</b>   | <b>0.6</b>   | <b>0.5</b>   | <b>2.4</b>     | <b>0.6</b>     | <b>0.4</b>     |
| <b>Western Economic Diversification</b>                                          |              |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.5          | 1.2          | 0.0          | 0.6          | 1.3          | 5.5          | 5.3          | 3.9            | 1.6            | 2.0            |
| <b>Gross expenditures</b>                                                        | <b>0.5</b>   | <b>1.2</b>   | <b>0.0</b>   | <b>0.6</b>   | <b>1.3</b>   | <b>5.5</b>   | <b>5.3</b>   | <b>3.9</b>     | <b>1.6</b>     | <b>2.0</b>     |
| <b>Canadian Northern Economic Development Agency</b>                             |              |              |              |              |              |              |              |                |                |                |
| Transfer payments                                                                | 0.0          | 0.0          | 0.1          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.1</b>   | <b>0.1</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     |
| <b>Statistics Canada</b>                                                         |              |              |              |              |              |              |              |                |                |                |
| Operating                                                                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.4            | 0.5            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.4</b>     | <b>0.5</b>     |

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2008/09–2017/18<sup>1</sup> (continued)

|                                                                                  | (Millions of dollars) |                |                |                |                |                |                |                |                |                |
|----------------------------------------------------------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                                                  | 2008/09               | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17        | 2017/18        |
| <b>National Research Council Canada</b>                                          |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                                        | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 5.3            | 5.8            | 5.7            | 6.1            | 7.7            |
| Capital                                                                          | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.2            | 0.2            | 0.3            | 0.3            | 0.1            |
| Transfer payments                                                                | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.1            | 0.3            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>5.6</b>     | <b>6.2</b>     | <b>6.3</b>     | <b>6.4</b>     | <b>7.9</b>     |
| <b>Natural Sciences and Engineering Research Council</b>                         |                       |                |                |                |                |                |                |                |                |                |
| Transfer payments                                                                | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.1            | 0.1            | 0.1            | 0.1            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.1</b>     | <b>0.1</b>     | <b>0.1</b>     | <b>0.1</b>     | <b>0.1</b>     |
| <b>Total (federal government departments and agencies)</b>                       |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                                        | 1,011.2               | 937.8          | 1,011.7        | 940.4          | 986.1          | 1,056.0        | 936.3          | 1,334.4        | 1,164.9        | 1,241.8        |
| Capital                                                                          | 210.5                 | 348.8          | 346.0          | 248.0          | 263.8          | 246.0          | 304.7          | 676.3          | 757.1          | 775.3          |
| Transfer payments                                                                | 19.0                  | 53.2           | 137.1          | 47.3           | 29.6           | 27.5           | 26.3           | 33.4           | 49.2           | 42.3           |
| <b>Gross expenditures</b>                                                        | <b>1,240.6</b>        | <b>1,339.8</b> | <b>1,494.8</b> | <b>1,235.7</b> | <b>1,279.5</b> | <b>1,329.5</b> | <b>1,267.2</b> | <b>2,044.2</b> | <b>1,971.3</b> | <b>2,059.4</b> |
| <b>RAIL MODE</b>                                                                 |                       |                |                |                |                |                |                |                |                |                |
| <b>Transport Canada</b>                                                          |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                                        | 29.9                  | 20.1           | 20.7           | 21.2           | 20.7           | 21.7           | 25.4           | 100.3          | 22.3           | 29.0           |
| Capital                                                                          | 0.0                   | 3.0            | 2.5            | 2.6            | 1.3            | 0.4            | 1.3            | 1.1            | 1.1            | 1.2            |
| Transfer payments                                                                | 0.0                   | 14.1           | 8.0            | 9.0            | 12.4           | 7.4            | 8.8            | 9.3            | 9.7            | 16.3           |
| <b>Gross expenditures</b>                                                        | <b>29.9</b>           | <b>37.3</b>    | <b>31.1</b>    | <b>32.8</b>    | <b>34.4</b>    | <b>29.5</b>    | <b>35.5</b>    | <b>110.8</b>   | <b>33.1</b>    | <b>46.4</b>    |
| <b>Transportation Safety Board<sup>2</sup></b>                                   |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                                        | 6.4                   | 5.1            | 4.6            | 5.1            | 4.7            | 6.9            | 6.1            | 5.7            | 5.8            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>6.4</b>            | <b>5.1</b>     | <b>4.6</b>     | <b>5.1</b>     | <b>4.7</b>     | <b>6.9</b>     | <b>6.1</b>     | <b>5.7</b>     | <b>5.8</b>     | <b>0.0</b>     |
| <b>VIA Rail Canada</b>                                                           |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                                        | 269.1                 | 387.3          | 527.2          | 493.8          | 420.0          | 405.7          | 406.2          | 365.5          | 348.4          | 357.5          |
| <b>Gross expenditures</b>                                                        | <b>269.1</b>          | <b>387.3</b>   | <b>527.2</b>   | <b>493.8</b>   | <b>420.0</b>   | <b>405.7</b>   | <b>406.2</b>   | <b>365.5</b>   | <b>348.4</b>   | <b>357.5</b>   |
| <b>Infrastructure Canada</b>                                                     |                       |                |                |                |                |                |                |                |                |                |
| Transfer payments                                                                | 6.6                   | 8.7            | 13.5           | 9.2            | 10.1           | 3.6            | 0.0            | 11.6           | 0.1            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>6.6</b>            | <b>8.7</b>     | <b>13.5</b>    | <b>9.2</b>     | <b>10.1</b>    | <b>3.6</b>     | <b>0.0</b>     | <b>11.6</b>    | <b>0.1</b>     | <b>0.0</b>     |
| <b>Economic Development Agency of Canada for the Regions of Quebec</b>           |                       |                |                |                |                |                |                |                |                |                |
| Transfer payments                                                                | 2.4                   | 4.8            | 4.7            | 2.5            | 0.9            | 0.1            | 0.0            | 0.1            | 0.2            | 0.1            |
| <b>Gross expenditures</b>                                                        | <b>2.4</b>            | <b>4.8</b>     | <b>4.7</b>     | <b>2.5</b>     | <b>0.9</b>     | <b>0.1</b>     | <b>0.0</b>     | <b>0.1</b>     | <b>0.2</b>     | <b>0.1</b>     |
| <b>FedDev Ontario (federal economic development agency for Southern Ontario)</b> |                       |                |                |                |                |                |                |                |                |                |
| Transfer payments                                                                | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.3            | 0.0            | 1.8            | 2.1            | 2.9            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.3</b>     | <b>0.0</b>     | <b>1.8</b>     | <b>2.1</b>     | <b>2.9</b>     |
| <b>FedNor (federal economic development agency for Northern Ontario)</b>         |                       |                |                |                |                |                |                |                |                |                |
| Transfer payments                                                                | 0.0                   | 1.5            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>1.5</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     |
| <b>Western Economic Diversification</b>                                          |                       |                |                |                |                |                |                |                |                |                |
| Transfer payments                                                                | 0.0                   | 1.0            | 0.0            | 0.5            | 0.1            | 0.2            | 0.0            | 0.0            | 0.8            | 0.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>1.0</b>     | <b>0.0</b>     | <b>0.5</b>     | <b>0.1</b>     | <b>0.2</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.8</b>     | <b>0.0</b>     |
| <b>Statistics Canada</b>                                                         |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                                        | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.2            | 0.2            | 0.4            | 0.4            | 0.3            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.2</b>     | <b>0.2</b>     | <b>0.4</b>     | <b>0.4</b>     | <b>0.3</b>     |
| <b>National Research Council Canada</b>                                          |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                                        | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 1.8            | 2.6            | 3.2            | 4.3            | 4.2            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>1.8</b>     | <b>2.6</b>     | <b>3.2</b>     | <b>4.3</b>     | <b>4.2</b>     |
| <b>Natural Sciences and Engineering Research Council</b>                         |                       |                |                |                |                |                |                |                |                |                |
| Transfer payments                                                                | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.7            | 0.8            | 0.6            | 1.1            | 1.0            |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>            | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.7</b>     | <b>0.8</b>     | <b>0.6</b>     | <b>1.1</b>     | <b>1.0</b>     |
| <b>Total (federal government departments and agencies)</b>                       |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                                        | 305.5                 | 412.5          | 552.5          | 520.1          | 445.4          | 436.2          | 440.6          | 475.2          | 381.2          | 391.0          |
| Capital                                                                          | 0.0                   | 3.0            | 2.5            | 2.6            | 1.3            | 0.4            | 1.3            | 1.1            | 1.1            | 1.2            |
| Transfer payments                                                                | 9.0                   | 30.1           | 26.1           | 21.3           | 23.4           | 12.3           | 9.6            | 23.4           | 13.9           | 20.2           |
| <b>Gross expenditures</b>                                                        | <b>314.4</b>          | <b>445.6</b>   | <b>581.0</b>   | <b>544.0</b>   | <b>470.1</b>   | <b>448.8</b>   | <b>451.5</b>   | <b>499.7</b>   | <b>396.2</b>   | <b>412.4</b>   |

Table G3 continues on the next page

|                                                                                  | 2008/09      | 2009/10        | 2010/11        | 2011/12      | 2012/13      | 2013/14      | 2014/15      | 2015/16      | 2016/17      | 2017/18      |
|----------------------------------------------------------------------------------|--------------|----------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>ROAD MODE</b>                                                                 |              |                |                |              |              |              |              |              |              |              |
| <b>Transport Canada</b>                                                          |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 42.4         | 28.0           | 25.5           | 22.5         | 19.6         | 21.4         | 21.2         | 19.6         | 20.1         | 21.5         |
| Capital                                                                          | 0.0          | 7.2            | 12.7           | 1.9          | 2.8          | 4.6          | 3.7          | 2.5          | 2.4          | 1.2          |
| Transfer payments                                                                | 0.0          | 0.2            | 9.1            | 4.7          | 4.4          | 4.4          | 4.4          | 3.0          | 3.5          | 3.3          |
| <b>Gross expenditures</b>                                                        | <b>42.4</b>  | <b>35.5</b>    | <b>47.3</b>    | <b>29.0</b>  | <b>26.9</b>  | <b>30.5</b>  | <b>29.4</b>  | <b>25.2</b>  | <b>26.0</b>  | <b>26.0</b>  |
| <b>Department of Finance Canada</b>                                              |              |                |                |              |              |              |              |              |              |              |
| Transfer payments                                                                | 15.2         | 15.1           | 15.1           | 10.1         | 10.1         | 10.1         | 11.4         | 15.1         | 15.1         | 15.1         |
| <b>Gross expenditures</b>                                                        | <b>15.2</b>  | <b>15.1</b>    | <b>15.1</b>    | <b>10.1</b>  | <b>10.1</b>  | <b>10.1</b>  | <b>11.4</b>  | <b>15.1</b>  | <b>15.1</b>  | <b>15.1</b>  |
| <b>Infrastructure Canada</b>                                                     |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 25.8         | 19.4         | 8.5          | 72.8         |
| Capital                                                                          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 14.9         | 46.9         | 19.7         | 568.1        |
| Transfer payments                                                                | 533.0        | 1021.9         | 1935.5         | 915.8        | 749.0        | 247.0        | 298.9        | 296.3        | 248.7        | 288.4        |
| <b>Gross expenditures</b>                                                        | <b>533.0</b> | <b>1,021.9</b> | <b>1,935.5</b> | <b>915.8</b> | <b>749.0</b> | <b>247.0</b> | <b>339.6</b> | <b>362.6</b> | <b>276.9</b> | <b>929.3</b> |
| <b>Federal Bridge Corporation</b>                                                |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 1.3          | 2.1            | 0.4            | 14.0         | 18.2         | 13.2         | 8.1          | 20.1         | 41.8         | 20.0         |
| <b>Gross expenditures</b>                                                        | <b>1.3</b>   | <b>2.1</b>     | <b>0.4</b>     | <b>14.0</b>  | <b>18.2</b>  | <b>13.2</b>  | <b>8.1</b>   | <b>20.1</b>  | <b>41.8</b>  | <b>20.0</b>  |
| <b>The Jacques Cartier and Champlain Bridges</b>                                 |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 49.1         | 78.2           | 90.0           | 97.3         | 109.1        | 151.6        | 245.0        | 247.3        | 284.3        | 133.0        |
| Capital                                                                          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 46.3         |
| <b>Gross expenditures</b>                                                        | <b>49.1</b>  | <b>78.2</b>    | <b>90.0</b>    | <b>97.3</b>  | <b>109.1</b> | <b>151.6</b> | <b>245.0</b> | <b>247.3</b> | <b>284.3</b> | <b>179.2</b> |
| <b>Windsor-Detroit Bridge Authority</b>                                          |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 8.1          | 138.5        | 334.5        | 64.0         |
| Capital                                                                          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 120.0        |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>8.1</b>   | <b>138.5</b> | <b>334.5</b> | <b>184.0</b> |
| <b>Natural Resources Canada</b>                                                  |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 7.8          | 9.8          | 10.2         | 10.4         |
| Capital                                                                          | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 2.4          | 4.0          | 1.2          |
| Transfer payments                                                                | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 6.2          | 4.4          | 3.0          | 28.5         |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>14.0</b>  | <b>16.6</b>  | <b>17.2</b>  | <b>40.1</b>  |
| <b>Department of Indigenous Services</b>                                         |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 0.3          | 0.3            | 0.3            | 0.3          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.1          |
| Transfer payments                                                                | 105.3        | 106.6          | 100.1          | 107.2        | 96.9         | 81.2         | 112.9        | 119.5        | 154.5        | 175.6        |
| <b>Gross expenditures</b>                                                        | <b>105.6</b> | <b>106.9</b>   | <b>100.4</b>   | <b>107.5</b> | <b>97.0</b>  | <b>81.2</b>  | <b>113.0</b> | <b>119.6</b> | <b>154.5</b> | <b>175.7</b> |
| <b>National Capital Commission</b>                                               |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 3.9          | 3.1            | 1.4            | 1.4          | 2.0          | 5.0          | 3.9          | 4.7          | 3.8          | 4.7          |
| Capital                                                                          | 0.7          | 0.8            | 0.8            | 0.8          | 1.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                                        | <b>4.6</b>   | <b>3.9</b>     | <b>2.2</b>     | <b>2.2</b>   | <b>3.0</b>   | <b>5.0</b>   | <b>3.9</b>   | <b>4.7</b>   | <b>3.8</b>   | <b>4.7</b>   |
| <b>Parks Canada Agency</b>                                                       |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 36.0         | 31.3           | 35.4           | 29.1         | 33.0         | 51.2         | 28.0         | 26.1         | 32.3         | 31.5         |
| Capital                                                                          | 50.9         | 93.6           | 101.3          | 53.5         | 41.9         | 34.7         | 69.0         | 188.8        | 201.0        | 209.9        |
| Transfer payments                                                                | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.1          |
| <b>Gross expenditures</b>                                                        | <b>86.9</b>  | <b>124.9</b>   | <b>136.7</b>   | <b>82.7</b>  | <b>74.9</b>  | <b>85.9</b>  | <b>97.0</b>  | <b>214.9</b> | <b>233.3</b> | <b>241.5</b> |
| <b>Public Services and Procurement Canada</b>                                    |              |                |                |              |              |              |              |              |              |              |
| Operating                                                                        | 23.9         | 27.6           | 35.4           | 30.3         | 48.5         | 51.0         | 56.4         | 102.8        | 98.1         | 97.8         |
| Capital                                                                          | 21.7         | 55.3           | 53.4           | 25.4         | 27.0         | 14.7         | 16.4         | 35.2         | 36.0         | 0.0          |
| <b>Gross expenditures</b>                                                        | <b>45.6</b>  | <b>82.9</b>    | <b>88.8</b>    | <b>55.6</b>  | <b>75.5</b>  | <b>65.7</b>  | <b>72.8</b>  | <b>138.0</b> | <b>134.1</b> | <b>97.8</b>  |
| <b>PPP Canada</b>                                                                |              |                |                |              |              |              |              |              |              |              |
| Capital                                                                          | 0.0          | 0.0            | 0.0            | 22.2         | 1.7          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>22.2</b>  | <b>1.7</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |
| <b>Atlantic Canada Opportunities Agency</b>                                      |              |                |                |              |              |              |              |              |              |              |
| Transfer payments                                                                | 0.0          | 0.0            | 0.0            | 0.1          | 0.1          | 1.6          | 2.4          | 4.3          | 2.9          | 3.7          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.1</b>   | <b>0.1</b>   | <b>1.6</b>   | <b>2.4</b>   | <b>4.3</b>   | <b>2.9</b>   | <b>3.7</b>   |
| <b>Economic Development Agency of Canada for the Regions of Quebec</b>           |              |                |                |              |              |              |              |              |              |              |
| Transfer payments                                                                | 0.0          | 0.0            | 0.2            | 0.0          | 0.0          | 0.0          | 2.9          | 1.4          | 0.5          | 1.3          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>     | <b>0.2</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>2.9</b>   | <b>1.4</b>   | <b>0.5</b>   | <b>1.3</b>   |
| <b>FedDev Ontario (federal economic development agency for Southern Ontario)</b> |              |                |                |              |              |              |              |              |              |              |
| Transfer payments                                                                | 0.0          | 0.0            | 0.0            | 0.0          | 0.0          | 4.9          | 0.0          | 17.1         | 15.2         | 8.7          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   | <b>4.9</b>   | <b>0.0</b>   | <b>17.1</b>  | <b>15.2</b>  | <b>8.7</b>   |

Table G3 continues on the next page

Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2008/09–2017/18<sup>1</sup> (continued)

|                                                                          | (Millions of dollars) |         |         |         |         |         |         |         |         |         |
|--------------------------------------------------------------------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                                                                          | 2008/09               | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 |
| <b>FedNor (federal economic development agency for Northern Ontario)</b> |                       |         |         |         |         |         |         |         |         |         |
| Transfer payments                                                        | 0.0                   | 3.0     | 0.0     | 0.2     | 0.3     | 0.1     | 0.3     | 0.2     | 0.8     | 0.3     |
| Gross expenditures                                                       | 0.0                   | 3.0     | 0.0     | 0.2     | 0.3     | 0.1     | 0.3     | 0.2     | 0.8     | 0.3     |
| <b>Western Economic Diversification</b>                                  |                       |         |         |         |         |         |         |         |         |         |
| Transfer payments                                                        | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.2     | 0.1     | 0.3     | 0.3     |
| Gross expenditures                                                       | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.2     | 0.1     | 0.3     | 0.3     |
| <b>Canadian Northern Economic Development Agency</b>                     |                       |         |         |         |         |         |         |         |         |         |
| Transfer payments                                                        | 0.0                   | 3.8     | 3.6     | 0.3     | 0.6     | 0.6     | 1.0     | 0.3     | 1.8     | 0.6     |
| Gross expenditures                                                       | 0.0                   | 3.8     | 3.6     | 0.3     | 0.6     | 0.6     | 1.0     | 0.3     | 1.8     | 0.6     |
| <b>Statistics Canada</b>                                                 |                       |         |         |         |         |         |         |         |         |         |
| Operating                                                                | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 1.6     | 2.0     | 1.9     | 1.5     | 2.4     |
| Gross expenditures                                                       | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 1.6     | 2.0     | 1.9     | 1.5     | 2.4     |
| <b>National Research Council Canada</b>                                  |                       |         |         |         |         |         |         |         |         |         |
| Operating                                                                | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 20.2    | 19.8    | 19.2    | 20.9    | 21.9    |
| Capital                                                                  | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 4.5     | 7.3     | 5.7     | 7.3     | 2.5     |
| Transfer payments                                                        | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 0.2     | 0.2     | 0.2     | 0.0     | 0.0     |
| Gross expenditures                                                       | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 24.9    | 27.3    | 25.1    | 28.3    | 24.4    |
| <b>Natural Sciences and Engineering Research Council</b>                 |                       |         |         |         |         |         |         |         |         |         |
| Transfer payments                                                        | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 28.5    | 29.6    | 23.6    | 29.8    | 28.9    |
| Gross expenditures                                                       | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 28.5    | 29.6    | 23.6    | 29.8    | 28.9    |
| <b>Total (federal government departments and agencies)</b>               |                       |         |         |         |         |         |         |         |         |         |
| Operating                                                                | 156.9                 | 170.6   | 188.4   | 194.9   | 230.5   | 315.3   | 426.0   | 609.5   | 855.9   | 480.1   |
| Capital                                                                  | 73.3                  | 156.9   | 168.2   | 103.7   | 74.4    | 58.6    | 111.3   | 281.5   | 270.5   | 949.2   |
| Transfer payments                                                        | 653.5                 | 1,150.6 | 2,063.6 | 1,038.3 | 861.5   | 378.6   | 470.4   | 485.6   | 476.0   | 554.9   |
| Gross expenditures                                                       | 883.7                 | 1,478.2 | 2,420.1 | 1,336.9 | 1,166.4 | 752.5   | 1,007.7 | 1,376.6 | 1,602.4 | 1,984.2 |
| <b>TRANSIT</b>                                                           |                       |         |         |         |         |         |         |         |         |         |
| <b>Transport Canada</b>                                                  |                       |         |         |         |         |         |         |         |         |         |
| Operating                                                                | 51.5                  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Gross expenditures                                                       | 51.5                  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| <b>Department of Finance Canada</b>                                      |                       |         |         |         |         |         |         |         |         |         |
| Transfer payments                                                        | 840.0                 | 530.0   | 320.0   | 332.5   | 345.0   | 361.3   | 366.3   | 371.3   | 355.0   | 196.3   |
| Gross expenditures                                                       | 840.0                 | 530.0   | 320.0   | 332.5   | 345.0   | 361.3   | 366.3   | 371.3   | 355.0   | 196.3   |
| <b>Infrastructure Canada</b>                                             |                       |         |         |         |         |         |         |         |         |         |
| Transfer payments                                                        | 474.6                 | 529.6   | 829.3   | 718.5   | 430.7   | 482.3   | 376.7   | 433.3   | 440.7   | 389.9   |
| Gross expenditures                                                       | 474.6                 | 529.6   | 829.3   | 718.5   | 430.7   | 482.3   | 376.7   | 433.3   | 440.7   | 389.9   |
| <b>Natural Resources Canada</b>                                          |                       |         |         |         |         |         |         |         |         |         |
| Transfer payments                                                        | 0                     | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 1.2     |
| Gross expenditures                                                       | 0                     | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 1.2     |
| <b>Statistics Canada</b>                                                 |                       |         |         |         |         |         |         |         |         |         |
| Operating                                                                | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 0.5     | 0.5     | 0.6     | 0.5     | 0.4     |
| Gross expenditures                                                       | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 0.5     | 0.5     | 0.6     | 0.5     | 0.4     |
| <b>Natural Sciences and Engineering Research Council</b>                 |                       |         |         |         |         |         |         |         |         |         |
| Transfer payments                                                        | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 0.6     | 0.4     | 0.4     | 1.1     | 0.8     |
| Gross expenditures                                                       | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 0.6     | 0.4     | 0.4     | 1.1     | 0.8     |
| <b>Total (federal government departments and agencies)</b>               |                       |         |         |         |         |         |         |         |         |         |
| Operating                                                                | 51.5                  | 0.0     | 0.0     | 0.0     | 0.0     | 0.5     | 0.5     | 0.6     | 0.5     | 0.4     |
| Capital                                                                  | 0.0                   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Transfer payments                                                        | 1,314.6               | 1,059.6 | 1,149.3 | 1,051.0 | 775.7   | 844.4   | 743.3   | 805.0   | 796.8   | 588.2   |
| Gross expenditures                                                       | 1,366.1               | 1,059.6 | 1,149.3 | 1,051.0 | 775.7   | 844.9   | 743.9   | 805.5   | 797.3   | 588.6   |

Table G3 continues on the next page

|                                                                                  | 2008/09      | 2009/10      | 2010/11      | 2011/12      | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17      | 2017/18      |
|----------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|--------------|--------------|
| <b>OTHER MODES</b>                                                               |              |              |              |              |                |                |                |                |              |              |
| <b>Transport Canada</b>                                                          |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 253.9        | 430.6        | 442.2        | 453.1        | 377.6          | 449.0          | 508.0          | 478.3          | 444.6        | 480.7        |
| Capital                                                                          | 66.2         | 86.2         | 58.7         | 57.5         | 49.0           | 63.5           | 107.6          | 98.4           | 75.1         | 77.3         |
| Transfer payments                                                                | 502.1        | 282.7        | 379.0        | 379.4        | 559.2          | 501.0          | 628.3          | 569.0          | 353.2        | 252.8        |
| <b>Gross expenditures</b>                                                        | <b>822.2</b> | <b>799.5</b> | <b>880.0</b> | <b>890.0</b> | <b>985.8</b>   | <b>1,013.6</b> | <b>1,243.9</b> | <b>1,145.8</b> | <b>872.9</b> | <b>810.8</b> |
| <b>Canadian Transportation Agency</b>                                            |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 27.0         | 28.0         | 28.8         | 29.3         | 28.7           | 29.0           | 28.8           | 28.3           | 26.9         | 29.1         |
| <b>Gross expenditures</b>                                                        | <b>27.0</b>  | <b>28.0</b>  | <b>28.8</b>  | <b>29.3</b>  | <b>28.7</b>    | <b>29.0</b>    | <b>28.8</b>    | <b>28.3</b>    | <b>26.9</b>  | <b>29.1</b>  |
| <b>Transportation Appeal Tribunal of Canada</b>                                  |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 1.7          | 1.4          | 1.7          | 1.9          | 1.6            | 1.2            | 0.4            | 0.2            | 0.3          | 0.3          |
| <b>Gross expenditures</b>                                                        | <b>1.7</b>   | <b>1.4</b>   | <b>1.7</b>   | <b>1.9</b>   | <b>1.6</b>     | <b>1.2</b>     | <b>0.4</b>     | <b>0.2</b>     | <b>0.3</b>   | <b>0.3</b>   |
| <b>Transportation Safety Board<sup>2</sup></b>                                   |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            | 5.7            | 6.0          | 32.4         |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>5.7</b>     | <b>6.0</b>   | <b>32.4</b>  |
| <b>Infrastructure Canada</b>                                                     |              |              |              |              |                |                |                |                |              |              |
| Transfer payments                                                                | 0.4          | 0.0          | 0.0          | 0.0          | 0.1            | 0.0            | 0.0            | 0.0            | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                                        | <b>0.4</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.1</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   |
| <b>Environment and Climate Change Canada</b>                                     |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 19.2           | 23.2           | 23.0           | 19.4         | 25.2         |
| Capital                                                                          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 2.9            | 1.3            | 0.6            | 1.3          | 0.5          |
| Transfer payments                                                                | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.6            | 0.5            | 0.5            | 0.2          | 0.4          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>22.7</b>    | <b>25.0</b>    | <b>24.1</b>    | <b>20.9</b>  | <b>26.1</b>  |
| <b>Public Services and Procurement Canada</b>                                    |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            | 0.3          | 0.2          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.3</b>   | <b>0.2</b>   |
| <b>Atlantic Canada Opportunities Agency</b>                                      |              |              |              |              |                |                |                |                |              |              |
| Transfer payments                                                                | 0.1          | 0.4          | 0.4          | 0.6          | 0.5            | 0.1            | 0.1            | 2.3            | 1.1          | 0.3          |
| <b>Gross expenditures</b>                                                        | <b>0.1</b>   | <b>0.4</b>   | <b>0.4</b>   | <b>0.6</b>   | <b>0.5</b>     | <b>0.1</b>     | <b>0.1</b>     | <b>2.3</b>     | <b>1.1</b>   | <b>0.3</b>   |
| <b>Economic Development Agency of Canada for the Regions of Quebec</b>           |              |              |              |              |                |                |                |                |              |              |
| Transfer payments                                                                | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            | 0.1          | 0.1          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.1</b>   | <b>0.1</b>   |
| <b>FedDev Ontario (federal economic development agency for Southern Ontario)</b> |              |              |              |              |                |                |                |                |              |              |
| Transfer payments                                                                | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 1.9            | 6.3            | 11.6           | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>1.9</b>     | <b>6.3</b>     | <b>11.6</b>    | <b>0.0</b>   | <b>0.0</b>   |
| <b>FedNor (federal economic development agency for Northern Ontario)</b>         |              |              |              |              |                |                |                |                |              |              |
| Transfer payments                                                                | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.0            | 0.0            | 0.0            | 0.0          | 0.1          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>   | <b>0.1</b>   |
| <b>Western Economic Diversification</b>                                          |              |              |              |              |                |                |                |                |              |              |
| Transfer payments                                                                | 0.1          | 0.5          | 0.9          | 0.5          | 0.8            | 0.3            | 0.9            | 0.1            | 1.4          | 0.5          |
| <b>Gross expenditures</b>                                                        | <b>0.1</b>   | <b>0.5</b>   | <b>0.9</b>   | <b>0.5</b>   | <b>0.8</b>     | <b>0.3</b>     | <b>0.9</b>     | <b>0.1</b>     | <b>1.4</b>   | <b>0.5</b>   |
| <b>Statistics Canada</b>                                                         |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.5            | 0.6            | 0.3            | 0.1          | 0.5          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.5</b>     | <b>0.6</b>     | <b>0.3</b>     | <b>0.1</b>   | <b>0.5</b>   |
| <b>National Research Council Canada</b>                                          |              |              |              |              |                |                |                |                |              |              |
| Transfer payments                                                                | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 0.1            | 0.1            | 0.0            | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>0.1</b>     | <b>0.1</b>     | <b>0.0</b>     | <b>0.0</b>   | <b>0.0</b>   |
| <b>Natural Sciences and Engineering Research Council</b>                         |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0            | 2.4            | 2.5            | 2.1            | 2.4          | 2.5          |
| <b>Gross expenditures</b>                                                        | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>     | <b>2.4</b>     | <b>2.5</b>     | <b>2.1</b>     | <b>2.4</b>   | <b>2.5</b>   |
| <b>Total (federal government departments and agencies)</b>                       |              |              |              |              |                |                |                |                |              |              |
| Operating                                                                        | 282.6        | 460.1        | 472.8        | 484.2        | 407.9          | 501.2          | 563.5          | 537.8          | 500.1        | 571.0        |
| Capital                                                                          | 66.2         | 86.2         | 58.7         | 57.5         | 49.0           | 66.4           | 108.9          | 99.0           | 76.4         | 77.8         |
| Transfer payments                                                                | 502.6        | 283.6        | 380.3        | 380.5        | 560.5          | 504.0          | 636.2          | 583.5          | 356.0        | 254.2        |
| <b>Gross expenditures</b>                                                        | <b>851.5</b> | <b>829.9</b> | <b>911.8</b> | <b>922.3</b> | <b>1,017.4</b> | <b>1,071.7</b> | <b>1,308.7</b> | <b>1,220.4</b> | <b>932.6</b> | <b>903.0</b> |

Table G3 continues on the next page

**Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2008/09–2017/18<sup>1</sup> (continued)**

|                                                                  | (Millions of dollars) |                |                |                |                |                |                |                |                |                |
|------------------------------------------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                                  | 2008/09               | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17        | 2017/18        |
| <b>TOTAL (ALL MODES)</b>                                         |                       |                |                |                |                |                |                |                |                |                |
| <b>Transport Canada</b>                                          |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 830.1                 | 884.3          | 882.9          | 873.6          | 753.9          | 826.5          | 923.4          | 942.5          | 795.6          | 895.4          |
| Capital                                                          | 66.2                  | 106.6          | 84.4           | 69.2           | 58.2           | 75.6           | 124.1          | 119.2          | 89.6           | 97.6           |
| Transfer payments                                                | 502.1                 | 362.7          | 411.0          | 426.7          | 608.0          | 526.4          | 646.9          | 591.0          | 379.2          | 277.0          |
| <b>Gross expenditures</b>                                        | <b>1,398.4</b>        | <b>1,353.7</b> | <b>1,378.3</b> | <b>1,369.4</b> | <b>1,201</b>   | <b>1,428.5</b> | <b>1,694.3</b> | <b>1,652.7</b> | <b>1,264.4</b> | <b>1,270.0</b> |
| <b>Canadian Transportation Agency</b>                            |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 27.0                  | 28.0           | 28.8           | 29.3           | 28.7           | 29.0           | 28.8           | 28.3           | 26.9           | 29.1           |
| <b>Gross expenditures</b>                                        | <b>27.0</b>           | <b>28.0</b>    | <b>28.8</b>    | <b>29.3</b>    | <b>28.7</b>    | <b>29.0</b>    | <b>28.8</b>    | <b>28.3</b>    | <b>26.9</b>    | <b>29.1</b>    |
| <b>Transportation Appeal Tribunal of Canada<sup>3</sup></b>      |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 1.7                   | 1.4            | 1.7            | 1.9            | 1.6            | 1.2            | 0.4            | 0.2            | 0.3            | 0.3            |
| <b>Gross expenditures</b>                                        | <b>1.7</b>            | <b>1.4</b>     | <b>1.7</b>     | <b>1.9</b>     | <b>1.6</b>     | <b>1.2</b>     | <b>0.4</b>     | <b>0.2</b>     | <b>0.3</b>     | <b>0.3</b>     |
| <b>Transportation Safety Board<sup>2</sup></b>                   |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 31.0                  | 24.2           | 23.4           | 24.2           | 24.2           | 27.0           | 26.1           | 29.7           | 29.7           | 32.4           |
| <b>Gross expenditures</b>                                        | <b>31.0</b>           | <b>24.2</b>    | <b>23.4</b>    | <b>24.2</b>    | <b>24.2</b>    | <b>27.0</b>    | <b>26.1</b>    | <b>29.7</b>    | <b>29.7</b>    | <b>32.4</b>    |
| <b>Department of Finance Canada<sup>4</sup></b>                  |                       |                |                |                |                |                |                |                |                |                |
| Transfer payments                                                | 855.2                 | 545.2          | 335.2          | 342.6          | 355.1          | 371.4          | 377.6          | 386.4          | 370.1          | 211.4          |
| <b>Gross expenditures</b>                                        | <b>855.2</b>          | <b>545.2</b>   | <b>335.2</b>   | <b>342.6</b>   | <b>355.1</b>   | <b>371.4</b>   | <b>377.6</b>   | <b>386.4</b>   | <b>370.1</b>   | <b>211.4</b>   |
| <b>Canadian Air Transport Security Authority</b>                 |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 427.8                 | 603.9          | 573.1          | 515.0          | 513.4          | 559.1          | 623.9          | 656.7          | 725.3          | 723.4          |
| <b>Gross expenditures</b>                                        | <b>427.8</b>          | <b>603.9</b>   | <b>573.1</b>   | <b>515.0</b>   | <b>513.4</b>   | <b>559.1</b>   | <b>623.9</b>   | <b>656.7</b>   | <b>725.3</b>   | <b>723.4</b>   |
| <b>Marine Atlantic</b>                                           |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 117.5                 | 123.5          | 210.9          | 183.3          | 184.9          | 154.4          | 127.5          | 350.9          | 99.0           | 146.7          |
| <b>Gross expenditures</b>                                        | <b>117.5</b>          | <b>123.5</b>   | <b>210.9</b>   | <b>183.3</b>   | <b>184.9</b>   | <b>154.4</b>   | <b>127.5</b>   | <b>350.9</b>   | <b>99.0</b>    | <b>146.7</b>   |
| <b>VIA Rail Canada</b>                                           |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 269.1                 | 387.3          | 527.2          | 493.8          | 420.0          | 405.7          | 406.2          | 365.5          | 348.4          | 357.5          |
| <b>Gross expenditures</b>                                        | <b>269.1</b>          | <b>387.3</b>   | <b>527.2</b>   | <b>493.8</b>   | <b>420.0</b>   | <b>405.7</b>   | <b>406.2</b>   | <b>365.5</b>   | <b>348.4</b>   | <b>357.5</b>   |
| <b>Infrastructure Canada</b>                                     |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 25.8           | 19.4           | 8.5            | 72.8           |
| Capital                                                          | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 14.9           | 46.9           | 19.7           | 568.1          |
| Transfer payments                                                | 1,014.6               | 1,592.1        | 2,932.4        | 1,671.1        | 1,194.7        | 733.9          | 678.2          | 746.6          | 711.5          | 702.6          |
| <b>Gross expenditures</b>                                        | <b>1,014.6</b>        | <b>1,592.1</b> | <b>2,932.4</b> | <b>1,671.1</b> | <b>1,194.7</b> | <b>733.9</b>   | <b>718.9</b>   | <b>812.9</b>   | <b>739.7</b>   | <b>1,343.5</b> |
| <b>Federal Bridge Corporation</b>                                |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 1.3                   | 2.1            | 0.4            | 14.0           | 18.2           | 13.2           | 8.1            | 20.1           | 41.8           | 20.0           |
| <b>Gross expenditures</b>                                        | <b>1.3</b>            | <b>2.1</b>     | <b>0.4</b>     | <b>14.0</b>    | <b>18.2</b>    | <b>13.2</b>    | <b>8.1</b>     | <b>20.1</b>    | <b>41.8</b>    | <b>20.0</b>    |
| <b>The Jacques Cartier and Champlain Bridges</b>                 |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 49.1                  | 78.2           | 90.0           | 97.3           | 109.1          | 151.6          | 245.0          | 247.3          | 284.3          | 133.0          |
| <b>Gross expenditures</b>                                        | <b>49.1</b>           | <b>78.2</b>    | <b>90.0</b>    | <b>97.3</b>    | <b>109.1</b>   | <b>151.6</b>   | <b>245.0</b>   | <b>247.3</b>   | <b>284.3</b>   | <b>179.2</b>   |
| <b>Windsor-Detroit Bridge Authority<sup>5</sup></b>              |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 8.1            | 138.5          | 334.5          | 64.0           |
| Capital                                                          | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 120.0          |
| <b>Gross expenditures</b>                                        | <b>0.0</b>            | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>8.1</b>     | <b>138.5</b>   | <b>334.5</b>   | <b>184.0</b>   |
| <b>Canadian Coast Guard<sup>6</sup></b>                          |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 622.1                 | 572.1          | 567.1          | 539.4          | 562.4          | 620.0          | 529.9          | 652.3          | 700.5          | 782.7          |
| Capital                                                          | 176.1                 | 240.5          | 248.2          | 187.8          | 219.2          | 200.6          | 241.9          | 450.3          | 423.3          | 483.5          |
| Transfer payments                                                | 5.5                   | 5.3            | 5.2            | 11.5           | 10.5           | 5.1            | 5.1            | 5.6            | 5.6            | 8.2            |
| <b>Gross expenditures</b>                                        | <b>803.7</b>          | <b>817.9</b>   | <b>820.5</b>   | <b>738.7</b>   | <b>792.1</b>   | <b>825.7</b>   | <b>776.9</b>   | <b>1,108.2</b> | <b>1,129.5</b> | <b>1,274.4</b> |
| <b>Department of Fisheries and Oceans - Small Craft Harbours</b> |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                        | 83.7                  | 118.8          | 112.4          | 102.5          | 67.4           | 61.7           | 63.7           | 50.2           | 56.8           | 50.8           |
| Capital                                                          | 32.1                  | 98.8           | 86.8           | 51.9           | 40.8           | 32.0           | 37.5           | 165.4          | 234.9          | 156.9          |
| Transfer payments                                                | 3.9                   | 3.5            | 7.2            | 9.2            | 7.1            | 5.0            | 3.2            | 2.3            | 4.5            | 3.4            |
| <b>Gross expenditures</b>                                        | <b>119.8</b>          | <b>221.0</b>   | <b>206.4</b>   | <b>163.6</b>   | <b>115.3</b>   | <b>98.7</b>    | <b>104.5</b>   | <b>217.9</b>   | <b>296.2</b>   | <b>211.1</b>   |

Table G3 continues on the next page

|                                                                                               | 2008/09      | 2009/10      | 2010/11      | 2011/12      | 2012/13      | 2013/14      | 2014/15      | 2015/16      | 2016/17      | 2017/18      |
|-----------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Natural Resources Canada</b>                                                               |              |              |              |              |              |              |              |              |              |              |
| Operating                                                                                     | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 7.8          | 9.8          | 10.2         | 10.4         |
| Capital                                                                                       | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 2.4          | 4.0          | 1.2          |
| Transfer payments                                                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 6.2          | 4.4          | 3.0          | 29.7         |
| <b>Gross expenditures</b>                                                                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>14.0</b>  | <b>16.6</b>  | <b>17.2</b>  | <b>41.3</b>  |
| <b>Environment and Climate Change Canada</b>                                                  |              |              |              |              |              |              |              |              |              |              |
| Operating                                                                                     | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 19.2         | 23.2         | 23.0         | 19.4         | 25.2         |
| Capital                                                                                       | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 2.9          | 1.9          | 5.3          | 4.4          | 0.5          |
| Transfer payments                                                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.6          | 0.5          | 0.5          | 0.2          | 0.4          |
| <b>Gross expenditures</b>                                                                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>22.7</b>  | <b>25.6</b>  | <b>28.8</b>  | <b>24.0</b>  | <b>26.1</b>  |
| <b>Department of Indigenous Services<sup>7</sup></b>                                          |              |              |              |              |              |              |              |              |              |              |
| Operating                                                                                     | 0.3          | 0.3          | 0.3          | 0.3          | 0.1          | 0.0          | 0.0          | 0.0          | 0.0          | 0.1          |
| Transfer payments                                                                             | 105.3        | 106.6        | 100.1        | 107.2        | 96.9         | 81.2         | 112.9        | 119.5        | 154.5        | 175.6        |
| <b>Gross expenditures</b>                                                                     | <b>105.6</b> | <b>106.9</b> | <b>100.4</b> | <b>107.5</b> | <b>97.0</b>  | <b>81.2</b>  | <b>113.0</b> | <b>119.6</b> | <b>154.5</b> | <b>175.7</b> |
| <b>National Capital Commission<sup>8</sup></b>                                                |              |              |              |              |              |              |              |              |              |              |
| Operating                                                                                     | 3.9          | 3.1          | 1.4          | 1.4          | 2.0          | 5.0          | 3.9          | 4.7          | 3.8          | 4.7          |
| Capital                                                                                       | 0.7          | 0.8          | 0.8          | 0.8          | 1.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                                                     | <b>4.6</b>   | <b>3.9</b>   | <b>2.2</b>   | <b>2.2</b>   | <b>3.0</b>   | <b>5.0</b>   | <b>3.9</b>   | <b>4.7</b>   | <b>3.8</b>   | <b>4.7</b>   |
| <b>Parks Canada Agency</b>                                                                    |              |              |              |              |              |              |              |              |              |              |
| Operating                                                                                     | 39.6         | 34.1         | 40.9         | 35.5         | 41.2         | 64.5         | 60.2         | 58.9         | 62.8         | 63.6         |
| Capital                                                                                       | 53.2         | 98.8         | 109.6        | 59.6         | 43.1         | 44.9         | 89.9         | 242.9        | 293.0        | 336.4        |
| Transfer payments                                                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.1          |
| <b>Gross expenditures</b>                                                                     | <b>92.8</b>  | <b>132.9</b> | <b>150.5</b> | <b>95.2</b>  | <b>84.3</b>  | <b>109.4</b> | <b>150.1</b> | <b>301.8</b> | <b>355.8</b> | <b>400.1</b> |
| <b>Public Services and Procurement Canada<sup>9</sup></b>                                     |              |              |              |              |              |              |              |              |              |              |
| Operating                                                                                     | 23.9         | 27.6         | 35.4         | 30.3         | 117.8        | 151.6        | 133.1        | 249.6        | 288.4        | 218.0        |
| Capital                                                                                       | 21.7         | 55.3         | 53.4         | 25.4         | 28.4         | 15.1         | 16.8         | 35.5         | 36.6         | 2.0          |
| <b>Gross expenditures</b>                                                                     | <b>45.6</b>  | <b>82.9</b>  | <b>88.8</b>  | <b>55.6</b>  | <b>146.2</b> | <b>166.7</b> | <b>149.9</b> | <b>285.1</b> | <b>325.0</b> | <b>220.0</b> |
| <b>PPP Canada<sup>10</sup></b>                                                                |              |              |              |              |              |              |              |              |              |              |
| Capital                                                                                       | 0.0          | 0.0          | 0.0          | 22.2         | 1.7          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                                                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>22.2</b>  | <b>1.7</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |
| <b>Atlantic Canada Opportunities Agency</b>                                                   |              |              |              |              |              |              |              |              |              |              |
| Transfer payments                                                                             | 2.1          | 1.9          | 1.9          | 2.2          | 1.9          | 4.3          | 8.3          | 13.9         | 13.2         | 9.4          |
| <b>Gross expenditures</b>                                                                     | <b>2.1</b>   | <b>1.9</b>   | <b>1.9</b>   | <b>2.2</b>   | <b>1.9</b>   | <b>4.3</b>   | <b>8.3</b>   | <b>13.9</b>  | <b>13.2</b>  | <b>9.4</b>   |
| <b>Economic Development Agency of Canada for the Regions of Quebec</b>                        |              |              |              |              |              |              |              |              |              |              |
| Transfer payments                                                                             | 12.5         | 15.5         | 9.8          | 5.7          | 4.8          | 7.4          | 3.1          | 4.0          | 3.6          | 6.6          |
| <b>Gross expenditures</b>                                                                     | <b>12.5</b>  | <b>15.5</b>  | <b>9.8</b>   | <b>5.7</b>   | <b>4.8</b>   | <b>7.4</b>   | <b>3.1</b>   | <b>4.0</b>   | <b>3.6</b>   | <b>6.6</b>   |
| <b>FedDev Ontario (federal economic development agency for Southern Ontario)<sup>11</sup></b> |              |              |              |              |              |              |              |              |              |              |
| Transfer payments                                                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 10.6         | 7.2          | 32.4         | 20.6         | 16.6         |
| <b>Gross expenditures</b>                                                                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>10.6</b>  | <b>7.2</b>   | <b>32.4</b>  | <b>20.6</b>  | <b>16.6</b>  |
| <b>FedNor (federal economic development agency for Northern Ontario)</b>                      |              |              |              |              |              |              |              |              |              |              |
| Transfer payments                                                                             | 1.5          | 5.4          | 3.2          | 0.7          | 1.6          | 2.0          | 2.1          | 3.6          | 1.8          | 1.2          |
| <b>Gross expenditures</b>                                                                     | <b>1.5</b>   | <b>5.4</b>   | <b>3.2</b>   | <b>0.7</b>   | <b>1.6</b>   | <b>2.0</b>   | <b>2.1</b>   | <b>3.6</b>   | <b>1.8</b>   | <b>1.2</b>   |
| <b>Western Economic Diversification</b>                                                       |              |              |              |              |              |              |              |              |              |              |
| Transfer payments                                                                             | 9.0          | 3.9          | 1.2          | 1.8          | 2.1          | 6.5          | 6.5          | 4.1          | 5.0          | 4.7          |
| <b>Gross expenditures</b>                                                                     | <b>9.0</b>   | <b>3.9</b>   | <b>1.2</b>   | <b>1.8</b>   | <b>2.1</b>   | <b>6.5</b>   | <b>6.5</b>   | <b>4.1</b>   | <b>5.0</b>   | <b>4.7</b>   |
| <b>Canadian Northern Economic Development Agency</b>                                          |              |              |              |              |              |              |              |              |              |              |
| Transfer payments                                                                             | 0.0          | 3.8          | 5.1          | 0.3          | 0.6          | 0.6          | 1.0          | 0.3          | 1.8          | 0.6          |
| <b>Gross expenditures</b>                                                                     | <b>0.0</b>   | <b>3.8</b>   | <b>5.1</b>   | <b>0.3</b>   | <b>0.6</b>   | <b>0.6</b>   | <b>1.0</b>   | <b>0.3</b>   | <b>1.8</b>   | <b>0.6</b>   |
| <b>Statistics Canada<sup>11</sup></b>                                                         |              |              |              |              |              |              |              |              |              |              |
| Operating                                                                                     | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 4.1          | 5.2          | 5.1          | 4.7          | 6.5          |
| <b>Gross expenditures</b>                                                                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>4.1</b>   | <b>5.2</b>   | <b>5.1</b>   | <b>4.7</b>   | <b>6.5</b>   |
| <b>National Research Council Canada<sup>11</sup></b>                                          |              |              |              |              |              |              |              |              |              |              |
| Operating                                                                                     | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 46.6         | 53.1         | 50.7         | 48.1         | 53.8         |
| Capital                                                                                       | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 12.8         | 15.8         | 13.4         | 18.3         | 11.8         |
| Transfer payments                                                                             | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.4          | 0.8          | 1.3          | 0.4          | 0.2          |
| <b>Gross expenditures</b>                                                                     | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>59.9</b>  | <b>69.8</b>  | <b>65.3</b>  | <b>66.8</b>  | <b>65.8</b>  |

Table G3 continues on the next page

**Table G3: Detailed Federal Transport Expenditures, by Mode and by Department/Agency, 2008/09–2017/18<sup>1</sup> (continued)**

|                                                                       | (Millions of dollars) |                |                |                |                |                |                |                |                |                |
|-----------------------------------------------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                                       | 2008/09               | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17        | 2017/18        |
| <b>Natural Sciences and Engineering Research Council<sup>11</sup></b> |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                             | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 2.4            | 2.5            | 2.1            | 2.4            | 2.5            |
| Transfer payments                                                     | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 50.7           | 55.3           | 47.5           | 57.9           | 57.2           |
| <b>Gross expenditures</b>                                             | <b>0.0</b>            | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>53.1</b>    | <b>57.8</b>    | <b>49.6</b>    | <b>60.3</b>    | <b>59.7</b>    |
| <b>Total (federal government departments and agencies)</b>            |                       |                |                |                |                |                |                |                |                |                |
| Operating                                                             | 2,528.3               | 2,889.1        | 3,096.0        | 2,941.7        | 2,844.8        | 3,142.7        | 3,305.9        | 3,905.6        | 3,891.3        | 3,693.1        |
| Capital                                                               | 350.0                 | 600.7          | 583.2          | 416.9          | 392.4          | 383.8          | 542.9          | 1,081.3        | 1,123.8        | 1,824.4        |
| Transfer payments                                                     | 2,511.7               | 2,645.8        | 3,812.3        | 2,579.0        | 2,283.2        | 1,806.0        | 1,914.9        | 1,963.4        | 1,732.9        | 1,504.9        |
| <b>Gross expenditures</b>                                             | <b>5,390.0</b>        | <b>6,135.7</b> | <b>7,491.5</b> | <b>5,937.6</b> | <b>5,520.3</b> | <b>5,332.5</b> | <b>5,763.7</b> | <b>6,950.2</b> | <b>6,748.0</b> | <b>7,022.3</b> |

Notes:

1 Data are reported on a public accounts (modified cash) basis, and are allocated to the department or agency making the final expenditure. Inter-departmental transfers are netted out to eliminate double-counting. See notes for specific departments/agencies in the totals-by-department section at the end of this table.

2 TSB stopped allocating funds to modes. Expense data is recorded under the other category in 2018

3 Effective November 1, 2014, reported under the Administrative Tribunals Support Service of Canada.

4 Includes tax expenditures and trust fund alloyments.

5 Transferred from Transport Canada portfolio to Infrastructure Canada, effective November 4, 2015.

6 Marine transportation activities only.

7 Formerly Indigenous and Northern Affairs.

8 Allocated total to operating expenses for last three periods: no breakdown by type of spending provided.

9 Formerly Public Works and Government Services Canada.

10 PPP Canada has ceased operation at the end of 2017. There is no new information for 2016/17

11 Data for past five years only.

Sources: Survey responses from selected federal government departments and agencies; Public Accounts; Departmental Performance Reports (including supplementary tables); Department of Finance tax expenditure reports; Statistics Canada data. Some amounts have been imputed for non-response/missing data.

**Table G4: Government Revenues from Transport Users, 2008/09–2017/18**

|                                                                                     | (Millions of dollars) |                |                |                |                |                |                |                |                 |                 |
|-------------------------------------------------------------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
|                                                                                     | 2008/09               | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17         | 2017/18         |
| <b>Federal fuel taxes</b>                                                           |                       |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                            | 39.9                  | 46.7           | 88.6           | 83.9           | 97.2           | 82.3           | 86.5           | 78.4           | 66.8            | 93.1            |
| Road Mode                                                                           | 4,095.6               | 4,142.3        | 4,228.8        | 4,202.9        | 4,227.5        | 4,290.4        | 4,317.6        | 4,349.9        | 4,496.3         | 4,501.1         |
| Other Modes <sup>1</sup>                                                            | 1,025.1               | 989.2          | 1,024.6        | 1,041.5        | 1,055.8        | 1,113.7        | 1,123.9        | 1,136.5        | 1,071.0         | 1,144.5         |
| <b>Total</b>                                                                        | <b>5,160.6</b>        | <b>5,178.3</b> | <b>5,342.1</b> | <b>5,328.3</b> | <b>5,380.5</b> | <b>5,486.4</b> | <b>5,527.9</b> | <b>5,564.8</b> | <b>5,634.1</b>  | <b>5,738.7</b>  |
| <b>Provincial/Territorial fuel taxes<sup>2</sup></b>                                |                       |                |                |                |                |                |                |                |                 |                 |
| Newfoundland and Labrador                                                           | 148.5                 | 154.5          | 168.9          | 168.6          | 170.7          | 170.7          | 185.7          | 193.2          | 309.1           | 258.1           |
| Prince Edward Island                                                                | 38.8                  | 40.0           | 41.9           | 41.8           | 41.2           | 35.1           | 35.4           | 36.0           | 37.4            | 38.3            |
| Nova Scotia                                                                         | 243.2                 | 248.4          | 255.4          | 250.2          | 243.4          | 246.8          | 248.3          | 247.6          | 271.7           | 266.4           |
| New Brunswick                                                                       | 195.1                 | 198.1          | 210.8          | 246.6          | 239.5          | 240.1          | 242.8          | 284.5          | 285.5           | 289.5           |
| Quebec                                                                              | 1,650.5               | 1,662.9        | 1,832.8        | 2,064.0        | 2,030.6        | 2,293.0        | 2,200.4        | 2,276.1        | 2,336.0         | 2,302.5         |
| Ontario                                                                             | 3,021.0               | 2,994.3        | 3,060.4        | 3,090.4        | 3,100.2        | 3,081.1        | 3,186.1        | 3,210.1        | 3,367.9         | 3,461.0         |
| Manitoba                                                                            | 146.9                 | 155.9          | 161.4          | 151.1          | 151.1          | 315.6          | 311.7          | 321.1          | 334.7           | 341.9           |
| Saskatchewan                                                                        | 429.2                 | 441.5          | 463.1          | 475.5          | 496.0          | 509.8          | 515.4          | 479.2          | 488.6           | 515.1           |
| Alberta                                                                             | 716.3                 | 701.0          | 661.8          | 849.3          | 898.2          | 925.0          | 944.0          | 1,370.0        | 1,343.0         | 1,399.0         |
| British Columbia                                                                    | 1,120.0               | 1,488.0        | 1,260.4        | 1,240.8        | 1,236.9        | 1,350.2        | 1,256.2        | 1,346.0        | 1,354.0         | 1,373.0         |
| Yukon                                                                               | 6.9                   | 6.8            | 8.2            | 8.0            | 8.1            | 8.2            | 7.9            | 7.7            | 8.2             | 8.0             |
| Northwest Territories                                                               | 15.8                  | 14.0           | 16.1           | 18.9           | 18.6           | 17.7           | 18.4           | 20.5           | 21.3            | 20.7            |
| Nunavut                                                                             | 4.4                   | 7.7            | 5.9            | 5.0            | 5.3            | 4.7            | 5.5            | 9.0            | 9.3             | 14.0            |
| <b>Total (all provinces/territories)</b>                                            | <b>7,736.5</b>        | <b>8,113.2</b> | <b>8,147.1</b> | <b>8,610.2</b> | <b>8,639.9</b> | <b>9,198.0</b> | <b>9,157.7</b> | <b>9,801.0</b> | <b>10,166.7</b> | <b>10,287.5</b> |
| <b>Federal transportation-related sales tax revenues<sup>3</sup></b>                |                       |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                            | 125.1                 | 116.7          | 129.7          | 141.6          | 152.4          | 161.2          | 172.3          | 181.3          | 192.8           | 196.7           |
| Road Mode                                                                           | 5,224.9               | 5,174.5        | 5,891.1        | 5,695.0        | 5,874.8        | 6,151.6        | 6,296.5        | 6,206.7        | 6,457.2         | 6,586.3         |
| Other Modes <sup>4</sup>                                                            | 86.2                  | 86.6           | 88.4           | 91.2           | 94.0           | 97.5           | 100.9          | 105.1          | 110.0           | 112.1           |
| <b>Transportation-related sales tax revenues</b>                                    | <b>5,436.1</b>        | <b>5,377.7</b> | <b>5,707.1</b> | <b>5,927.8</b> | <b>6,121.1</b> | <b>6,410.3</b> | <b>6,569.6</b> | <b>6,493.1</b> | <b>6,760.0</b>  | <b>6,895.1</b>  |
| <b>Provincial/Territorial transportation-related sales tax revenues<sup>3</sup></b> |                       |                |                |                |                |                |                |                |                 |                 |
| <b>Newfoundland and Labrador</b>                                                    |                       |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                            | 5.5                   | 5.2            | 6.1            | 6.8            | 7.4            | 7.9            | 8.5            | 9.7            | 11.4            | 11.6            |
| Road Mode                                                                           | 149.0                 | 155.9          | 171.3          | 179.1          | 190.1          | 202.2          | 203.6          | 203.6          | 227.1           | 231.7           |
| Transit                                                                             | 0.5                   | 0.5            | 0.6            | 0.6            | 0.7            | 0.7            | 0.7            | 0.7            | 0.7             | 0.7             |
| Other Modes <sup>4</sup>                                                            | 2.2                   | 2.2            | 2.1            | 2.3            | 2.4            | 2.5            | 2.5            | 2.6            | 3.0             | 3.1             |
| <b>Transportation-related sales tax revenues</b>                                    | <b>157.1</b>          | <b>163.8</b>   | <b>180.1</b>   | <b>188.8</b>   | <b>200.5</b>   | <b>213.3</b>   | <b>215.3</b>   | <b>216.6</b>   | <b>242.3</b>    | <b>247.1</b>    |

Table G4 continues on the next page

|                                                                                    | 2008/09        | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17         | 2017/18         |
|------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| <b>Prince Edward Island</b>                                                        |                |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                           | 0.0            | 0.0            | 0.0            | 0.0            | 0.2            | 1.0            | 1.8            | 1.9            | 2.2             | 2.2             |
| Road Mode                                                                          | 23.8           | 26.6           | 29.1           | 29.4           | 35.5           | 49.3           | 54.3           | 54.7           | 59.5            | 60.6            |
| Transit                                                                            | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.2            | 0.3            | 0.3            | 0.3             | 0.3             |
| Other Modes <sup>4</sup>                                                           | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.5            | 0.6            | 0.7            | 0.8             | 0.8             |
| <b>Transportation-related sales tax revenues</b>                                   | <b>23.8</b>    | <b>26.6</b>    | <b>29.1</b>    | <b>29.4</b>    | <b>35.9</b>    | <b>51.1</b>    | <b>57.0</b>    | <b>57.5</b>    | <b>62.7</b>     | <b>63.9</b>     |
| <b>Nova Scotia</b>                                                                 |                |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                           | 8.4            | 8.4            | 9.3            | 8.3            | 9.0            | 9.4            | 10.4           | 11.6           | 12.3            | 12.6            |
| Road Mode                                                                          | 244.8          | 258.6          | 303.9          | 337.3          | 353.5          | 377.0          | 379.1          | 367.8          | 377.3           | 384.8           |
| Transit                                                                            | 1.5            | 1.5            | 1.8            | 2.0            | 1.8            | 1.8            | 1.9            | 1.9            | 1.9             | 1.9             |
| Other Modes <sup>4</sup>                                                           | 3.7            | 3.7            | 4.2            | 4.6            | 4.7            | 4.7            | 4.8            | 4.9            | 5.1             | 5.2             |
| <b>Transportation-related sales tax revenues</b>                                   | <b>258.4</b>   | <b>272.1</b>   | <b>319.1</b>   | <b>352.2</b>   | <b>369.0</b>   | <b>393.0</b>   | <b>396.2</b>   | <b>386.2</b>   | <b>396.6</b>    | <b>404.5</b>    |
| <b>New Brunswick</b>                                                               |                |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                           | 4.3            | 3.8            | 3.8            | 3.4            | 3.9            | 4.7            | 5.0            | 5.8            | 6.8             | 6.9             |
| Road Mode                                                                          | 201.7          | 205.5          | 226.3          | 237.3          | 242.1          | 257.5          | 264.4          | 268.8          | 304.6           | 310.7           |
| Transit                                                                            | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.2            | 0.3            | 0.3            | 0.3             | 0.3             |
| Other Modes <sup>4</sup>                                                           | 1.9            | 1.8            | 1.9            | 2.0            | 2.1            | 2.0            | 2.0            | 2.2            | 2.4             | 2.4             |
| <b>Transportation-related sales tax revenues</b>                                   | <b>207.8</b>   | <b>211.0</b>   | <b>232.0</b>   | <b>242.7</b>   | <b>248.1</b>   | <b>264.4</b>   | <b>271.7</b>   | <b>277.1</b>   | <b>314.1</b>    | <b>320.3</b>    |
| <b>Quebec</b>                                                                      |                |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                           | 20.3           | 17.4           | 18.8           | 23.4           | 25.9           | 26.2           | 27.5           | 28.1           | 30.2            | 30.8            |
| Road Mode                                                                          | 1,938.4        | 1,960.2        | 2,180.6        | 2,518.6        | 2,770.0        | 2,853.8        | 2,872.2        | 2,829.5        | 2,917.2         | 2,975.6         |
| Transit                                                                            | 13.6           | 13.5           | 15.2           | 16.9           | 18.8           | 19.8           | 20.5           | 20.1           | 19.9            | 20.2            |
| Other Modes <sup>4</sup>                                                           | 27.0           | 27.6           | 29.5           | 34.6           | 38.4           | 39.4           | 40.6           | 42.4           | 44.4            | 45.3            |
| <b>Transportation-related sales tax revenues</b>                                   | <b>1,999.3</b> | <b>2,018.8</b> | <b>2,244.1</b> | <b>2,593.6</b> | <b>2,853.0</b> | <b>2,939.2</b> | <b>2,960.7</b> | <b>2,920.1</b> | <b>3,011.7</b>  | <b>3,072.0</b>  |
| <b>Ontario</b>                                                                     |                |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                           | 0.0            | 6.8            | 32.8           | 50.4           | 52.7           | 51.7           | 54.9           | 60.6           | 65.4            | 66.7            |
| Road Mode                                                                          | 2,215.4        | 2,421.9        | 3,107.1        | 3,624.7        | 3,739.2        | 4,004.9        | 4,249.0        | 4,358.5        | 4,605.2         | 4,697.3         |
| Transit                                                                            | 0.0            | 3.0            | 15.0           | 23.8           | 24.6           | 24.8           | 24.0           | 22.6           | 22.9            | 23.3            |
| Other Modes <sup>4</sup>                                                           | 0.0            | 7.5            | 37.6           | 60.2           | 61.6           | 63.4           | 65.8           | 69.4           | 73.2            | 74.6            |
| <b>Transportation-related sales tax revenues</b>                                   | <b>2,215.4</b> | <b>2,439.3</b> | <b>3,192.4</b> | <b>3,759.0</b> | <b>3,878.0</b> | <b>4,144.8</b> | <b>4,393.8</b> | <b>4,511.1</b> | <b>4,766.6</b>  | <b>4,861.9</b>  |
| <b>Manitoba</b>                                                                    |                |                |                |                |                |                |                |                |                 |                 |
| Road Mode                                                                          | 156.2          | 163.1          | 169.5          | 176.0          | 190.4          | 215.6          | 236.4          | 239.0          | 243.9           | 248.8           |
| <b>Transportation-related sales tax revenues</b>                                   | <b>156.2</b>   | <b>163.1</b>   | <b>169.5</b>   | <b>176.0</b>   | <b>190.4</b>   | <b>215.6</b>   | <b>236.4</b>   | <b>239.0</b>   | <b>243.9</b>    | <b>248.8</b>    |
| <b>Saskatchewan</b>                                                                |                |                |                |                |                |                |                |                |                 |                 |
| Road Mode                                                                          | 88.3           | 94.0           | 95.5           | 103.1          | 111.1          | 120.2          | 126.4          | 129.1          | 135.4           | 138.1           |
| <b>Transportation-related sales tax revenues</b>                                   | <b>88.3</b>    | <b>94.0</b>    | <b>95.5</b>    | <b>103.1</b>   | <b>111.1</b>   | <b>120.2</b>   | <b>126.4</b>   | <b>129.1</b>   | <b>135.4</b>    | <b>138.1</b>    |
| <b>British Columbia</b>                                                            |                |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                           | 0.0            | 3.6            | 15.4           | 18.8           | 16.8           | 3.9            | 0.0            | 0.0            | 0.0             | 0.0             |
| Road Mode                                                                          | 619.6          | 631.9          | 682.1          | 717.3          | 750.4          | 778.1          | 835.4          | 892.2          | 958.0           | 977.2           |
| Transit <sup>5</sup>                                                               | 0.0            | 1.4            | 6.9            | 11.4           | 9.7            | 2.3            | 0.0            | 0.0            | 0.0             | 0.0             |
| Other Modes <sup>4</sup>                                                           | 0.0            | 2.5            | 12.1           | 19.2           | 16.0           | 4.0            | 0.1            | 0.1            | 0.1             | 0.1             |
| <b>Transportation-related sales tax revenues</b>                                   | <b>619.6</b>   | <b>639.3</b>   | <b>716.4</b>   | <b>766.7</b>   | <b>792.9</b>   | <b>788.3</b>   | <b>835.5</b>   | <b>892.3</b>   | <b>958.1</b>    | <b>977.3</b>    |
| <b>Total (all provinces/territories)<sup>6</sup></b>                               |                |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                           | 38.5           | 45.2           | 86.1           | 111.0          | 115.7          | 104.7          | 108.1          | 117.7          | 128.3           | 130.8           |
| Marine Mode                                                                        | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0             |
| Rail Mode                                                                          | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0             |
| Road Mode                                                                          | 5,637.0        | 5,917.5        | 6,965.2        | 7,922.7        | 8,382.1        | 8,858.4        | 9,220.9        | 9,343.0        | 9,828.2         | 10,024.7        |
| Transit                                                                            | 15.5           | 19.9           | 39.4           | 54.7           | 55.7           | 49.9           | 47.7           | 46.0           | 45.9            | 46.8            |
| Other Modes <sup>4</sup>                                                           | 34.8           | 45.3           | 87.4           | 122.9          | 125.3          | 116.6          | 116.4          | 122.3          | 129.0           | 131.6           |
| <b>Transportation-related sales tax revenues</b>                                   | <b>5,725.8</b> | <b>6,027.8</b> | <b>7,178.0</b> | <b>8,211.4</b> | <b>8,678.8</b> | <b>9,129.6</b> | <b>9,493.0</b> | <b>9,628.8</b> | <b>10,131.3</b> | <b>10,333.9</b> |
| <b>Federal transportation-related licences and fees</b>                            |                |                |                |                |                |                |                |                |                 |                 |
| Air Mode                                                                           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 15.9           | 13.2            | 16.8            |
| Marine Mode                                                                        | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 3.4            | 2.2             | 3.6             |
| Rail Mode                                                                          | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 2.9            | 4.6             | 4.6             |
| Road Mode <sup>7</sup>                                                             | 7.5            | 5.3            | 5.0            | 4.8            | 4.0            | 3.9            | 3.0            | 9.6            | 9.4             | 9.3             |
| <b>Total (federal government departments and agencies)</b>                         | <b>7.5</b>     | <b>5.3</b>     | <b>5.0</b>     | <b>4.8</b>     | <b>4.0</b>     | <b>3.9</b>     | <b>3.0</b>     | <b>31.8</b>    | <b>29.3</b>     | <b>34.2</b>     |
| <b>Provincial/Territorial transportation-related licences and fees<sup>2</sup></b> |                |                |                |                |                |                |                |                |                 |                 |
| Newfoundland and Labrador                                                          | 67.4           | 70.2           | 62.3           | 68.3           | 73.5           | 73.5           | 79.0           | 86.2           | 99.2            | 96.8            |
| Prince Edward Island                                                               | 13.0           | 14.5           | 13.3           | 13.7           | 15.1           | 18.4           | 18.9           | 18.8           | 19.6            | 20.0            |
| Nova Scotia                                                                        | 82.1           | 85.4           | 80.5           | 83.2           | 113.4          | 120.5          | 123.0          | 121.5          | 127.5           | 134.5           |
| New Brunswick                                                                      | 94.0           | 101.4          | 103.5          | 113.7          | 120.0          | 125.7          | 127.9          | 132.0          | 138.3           | 143.0           |
| Quebec                                                                             | 1,058.7        | 1,100.3        | 941.7          | 848.7          | 914.4          | 940.1          | 963.0          | 1,139.0        | 1,252.0         | 1,303.0         |
| Ontario                                                                            | 1,033.9        | 1,057.4        | 1,080.4        | 1,081.3        | 1,132.8        | 1,255.5        | 1,441.1        | 1,576.3        | 1,741.8         | 1,971.1         |
| Manitoba                                                                           | 133.3          | 137.3          | 152.8          | 157.5          | 173.9          | 171.1          | 177.3          | 178.1          | 181.4           | 184.0           |

Table G4 continues on the next page

**Table G4: Government Revenues from Transport Users, 2008/09–2017/18 (continued)**

|                                                                                                | (Millions of dollars) |                |                |                |                |                |                |                |                |                |
|------------------------------------------------------------------------------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                                                                                | 2008/09               | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17        | 2017/18        |
| <b>Provincial/Territorial transportation-related licences and fees<sup>2</sup> (continued)</b> |                       |                |                |                |                |                |                |                |                |                |
| Saskatchewan                                                                                   | 151.1                 | 158.3          | 161.1          | 173.2          | 183.1          | 188.4          | 190.4          | 200.7          | 195.7          | 189.9          |
| Alberta                                                                                        | 391.9                 | 377.4          | 346.6          | 376.4          | 420.5          | 492.0          | 516.0          | 517.0          | 502.0          | 508.0          |
| British Columbia                                                                               | 449.9                 | 447.9          | 397.6          | 405.9          | 415.0          | 568.9          | 575.0          | 581.0          | 589.0          | 623.7          |
| Yukon                                                                                          | 4.2                   | 4.1            | 4.6            | 4.6            | 4.5            | 4.9            | 5.8            | 6.1            | 6.9            | 6.7            |
| Northwest Territories                                                                          | 3.9                   | 3.9            | 3.8            | 3.9            | 3.8            | 9.2            | 9.3            | 10.1           | 10.1           | 14.5           |
| Nunavut                                                                                        | 0.1                   | 0.1            | 0.3            | 0.4            | 0.3            | 0.7            | 0.7            | 0.5            | 0.5            | 1.5            |
| <b>Total (all provinces/territories)</b>                                                       | <b>3,483.5</b>        | <b>3,558.1</b> | <b>3,348.5</b> | <b>3,330.8</b> | <b>3,570.3</b> | <b>3,968.9</b> | <b>4,227.4</b> | <b>4,567.3</b> | <b>4,864.0</b> | <b>5,196.7</b> |
| <b>Other federal transport-related revenues<sup>8</sup></b>                                    |                       |                |                |                |                |                |                |                |                |                |
| Transport Canada                                                                               |                       |                |                |                |                |                |                |                |                |                |
| Air Mode - user fees                                                                           | 14.3                  | 13.5           | 13.3           | 14.0           | 15.7           | 15.5           | 15.0           | 14.2           | 15.4           | 14.5           |
| Air Mode - other                                                                               | 318.4                 | 304.9          | 297.1          | 323.4          | 329.7          | 340.9          | 357.6          | 368.4          | 448.3          | 408.5          |
| Marine Mode - user fees                                                                        | 16.4                  | 16.9           | 8.3            | 16.1           | 17.6           | 18.7           | 19.7           | 18.8           | 18.2           | 17.9           |
| Marine Mode - other                                                                            | 22.2                  | 20.9           | 32.3           | 26.1           | 28.1           | 27.4           | 28.0           | 28.9           | 30.1           | 29.6           |
| Rail Mode - other                                                                              | 26.2                  | 13.1           | 13.8           | 15.5           | 16.8           | 17.2           | 14.9           | 14.2           | 12.3           | 13.2           |
| Road Mode - other                                                                              | 0.2                   | 0.4            | 0.2            | 0.3            | 0.4            | 0.4            | 0.5            | 0.0            | 0.0            | 0.0            |
| Other Modes - user fees                                                                        | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 1.3            | 3.6            | 7.1            | 6.7            |
| Other Modes - other                                                                            | 50.2                  | 520.6          | 60.1           | 46.5           | 26.1           | 15.3           | 6.3            | 7.8            | 9.6            | 27.2           |
| <b>Total (Transport Canada)</b>                                                                | <b>447.9</b>          | <b>890.2</b>   | <b>425.1</b>   | <b>441.9</b>   | <b>434.4</b>   | <b>435.4</b>   | <b>443.1</b>   | <b>455.9</b>   | <b>541.0</b>   | <b>517.6</b>   |
| <b>Other federal departments/agencies</b>                                                      |                       |                |                |                |                |                |                |                |                |                |
| Air Mode - user fees                                                                           | 387.0                 | 375.0          | 600.0          | 631.0          | 611.0          | 689.0          | 695.0          | 722.0          | 768.0          | 788.0          |
| Air Mode - other                                                                               | 0.0                   | 0.0            | 0.0            | 0.0            | 9.2            | 18.3           | 40.4           | 11.8           | 13.0           | 21.5           |
| Marine Mode - user fees                                                                        | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 2.2            | 3.1            | 3.5            | 3.4            | 2.3            |
| Marine Mode - other                                                                            | 43.5                  | 44.2           | 40.5           | 41.9           | 96.3           | 110.1          | 112.3          | 182.8          | 220.0          | 147.0          |
| Rail Mode - other                                                                              | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 2.4            | 2.7            | 0.1            | 0.0            | 0.2            |
| Road Mode - user fees                                                                          | 0.2                   | 0.8            | 0.5            | 0.3            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| Road Mode - other                                                                              | 0.0                   | 0.0            | 0.0            | 0.0            | 29.2           | 35.8           | 56.8           | 85.3           | 79.5           | 79.9           |
| Transit - other                                                                                | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.0            | 0.2            |
| Other Modes - other                                                                            | 0.0                   | 0.3            | 0.3            | 0.2            | 0.2            | 0.7            | 0.6            | 0.5            | 0.6            | 1.0            |
| <b>Total (other federal government departments and agencies)</b>                               | <b>430.8</b>          | <b>420.4</b>   | <b>641.3</b>   | <b>673.4</b>   | <b>745.9</b>   | <b>858.6</b>   | <b>910.9</b>   | <b>1,006.0</b> | <b>1,084.5</b> | <b>1,040.1</b> |
| <b>Other provincial/territorial transport-related revenues<sup>9</sup></b>                     |                       |                |                |                |                |                |                |                |                |                |
| Nova Scotia - user fees                                                                        | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 1.3            | 1.8            | 1.9            | 2.0            |
| Nova Scotia - other                                                                            | 0.0                   | 0.0            | 0.0            | 0.0            | 10.2           | 10.3           | 16.3           | 18.6           | 15.9           | 19.3           |
| Quebec - user fees                                                                             | 0.0                   | 0.0            | 0.0            | 809.4          | 842.2          | 913.5          | 960.2          | 1,192.2        | 1,228.5        | 1,498.8        |
| Quebec - other                                                                                 | 0.0                   | 0.0            | 0.0            | 38.1           | 54.6           | 91.2           | 261.3          | 0.0            | 3.6            | 3.4            |
| Ontario - user fees                                                                            | 45.0                  | 42.5           | 48.2           | 43.0           | 50.7           | 45.1           | 34.1           | 45.2           | 74.2           | 51.3           |
| Ontario - other                                                                                | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 43.7           | 67.0           | 476.9          |
| British Columbia - other                                                                       | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 70.7           | 45.4           | 50.5           | 57.6           | 118.7          |
| Northwest Territories - user fees                                                              | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 7.1            | 7.8            | 7.5            | 7.5            | 37.5           |
| Northwest Territories - other                                                                  | 0.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 1.8            | 1.7            | 1.2            | 1.3            | 2.1            |
| <b>Total (all provinces/territories)</b>                                                       | <b>45.0</b>           | <b>42.5</b>    | <b>48.2</b>    | <b>890.5</b>   | <b>957.7</b>   | <b>1,139.7</b> | <b>1,328.0</b> | <b>1,360.7</b> | <b>1,457.5</b> | <b>2,209.9</b> |

## Notes:

1 Road, rail and other diesel fuel (no breakdown by mode available).

2 Only a few provinces/territories were able to break down this revenue category by mode, so we report a combined total for all modes for comparability. Most revenues in this category are from the road mode.

3 2017/2018 was imputed.

4 Includes rail, marine and other expenditure categories where no breakdown exists.

5 Sales tax allocation moved from road to transit.

6 Alberta, Yukon, Northwest Territories and Nunavut do not have provincial/territorial sales taxes.

7 Revenues from the registrar of imported vehicles program.

8 Data for 2014/15 and onwards are sourced from the Public Accounts. Prior to that, sourced mainly from the Departmental Performance Reports (the source table is no longer published).

9 Best estimates provided by provincial/territorial respondents. Use with caution.

Sources: Survey responses from selected federal government departments and agencies; Public Accounts; Departmental Performance Reports (including supplementary tables); Department of Finance tax expenditure reports; Statistics Canada data. Some amounts have been imputed for non-response/missing data..

**Table G5: Summary of Provincial Transport Expenditures by Province/Territory, 2008/09–2017/18**

|                                                                                | (Millions of dollars)  |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|--------------------------------------------------------------------------------|------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                                                                | 2008/09                | 2009/10         | 2010/11         | 2011/12         | 2012/13         | 2013/14         | 2014/15         | 2015/16         | 2016/17         | 2017/18         |
| <b>Transport Expenditures by Provincial/Territorial Governments</b>            |                        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Newfoundland and Labrador                                                      | 409.2                  | 444.9           | 512.2           | 476.3           | 395.6           | 395.6           | 423.5           | 418.7           | 319.4           | 366.0           |
| Prince Edward Island                                                           | 114.0                  | 124.6           | 121.8           | 127.1           | 121.7           | 108.8           | 114.9           | 119.4           | 108.6           | 120.0           |
| Nova Scotia                                                                    | 408.1                  | 420.9           | 520.3           | 602.5           | 603.5           | 624.6           | 631.5           | 604.7           | 623.9           | 603.7           |
| New Brunswick                                                                  | 533.0                  | 559.8           | 629.2           | 441.8           | 900.5           | 391.9           | 411.2           | 506.5           | 515.3           | 542.7           |
| Quebec                                                                         | 5,335.1                | 4,606.3         | 4,994.8         | 5,259.0         | 7,100.5         | 10,005.8        | 9,604.6         | 10,329.2        | 11,330.0        | 11,879.6        |
| Ontario                                                                        | 4,084.0                | 2,521.4         | 2,521.3         | 2,641.2         | 4,164.4         | 4,330.7         | 4,647.1         | 7,597.5         | 7,370.1         | 8,311.1         |
| Manitoba                                                                       | 540.8                  | 662.2           | 591.0           | 582.6           | 602.7           | 646.4           | 810.4           | 943.0           | 905.9           | 761.0           |
| Saskatchewan                                                                   | 598.7                  | 574.7           | 599.0           | 598.4           | 582.6           | 626.7           | 693.7           | 777.7           | 1,119.4         | 1,126.2         |
| Alberta                                                                        | 2,330.4                | 3,160.1         | 2,684.9         | 2,724.0         | 2,588.1         | 2,404.4         | 2,252.5         | 2,489.5         | 1,876.4         | 2,907.7         |
| British Columbia                                                               | 2,224.0                | 2,306.5         | 2,668.8         | 2,297.0         | 2,371.0         | 2,448.5         | 2,467.4         | 2,457.5         | 2,334.1         | 2,218.8         |
| Yukon                                                                          | 107.6                  | 116.3           | 99.7            | 99.3            | 113.6           | 113.5           | 125.4           | 124.2           | 122.2           | 143.6           |
| Northwest Territories                                                          | 125.2                  | 164.9           | 352.8           | 210.4           | 204.9           | 260.9           | 349.0           | 324.9           | 277.8           | 226.9           |
| Nunavut                                                                        | 45.8                   | 33.2            | 40.1            | 39.2            | 59.8            | 123.7           | 91.2            | 126.6           | 98.4            | 117.0           |
| <b>Total (all provinces/territories)</b>                                       | <b>16,855.9</b>        | <b>15,695.9</b> | <b>16,335.8</b> | <b>16,098.8</b> | <b>19,809.0</b> | <b>22,481.6</b> | <b>22,622.4</b> | <b>26,819.4</b> | <b>27,001.5</b> | <b>29,324.3</b> |
| <b>Population by Province/Territory<sup>1</sup></b>                            |                        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|                                                                                | (Thousands of persons) |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|                                                                                | 2008/09                | 2009/10         | 2010/11         | 2011/12         | 2012/13         | 2013/14         | 2014/15         | 2015/16         | 2016/17         | 2017/18         |
| Newfoundland and Labrador                                                      | 513.4                  | 519.0           | 522.9           | 525.9           | 527.2           | 528.1           | 528.5           | 528.7           | 530.0           | 528.5           |
| Prince Edward Island                                                           | 139.5                  | 140.6           | 142.7           | 144.4           | 144.5           | 144.1           | 144.5           | 144.9           | 147.9           | 151.5           |
| Nova Scotia                                                                    | 937.0                  | 940.5           | 944.2           | 945.0           | 943.3           | 940.1           | 939.0           | 938.3           | 946.1           | 954.4           |
| New Brunswick                                                                  | 747.8                  | 751.1           | 754.3           | 756.4           | 758.7           | 758.7           | 759.5           | 759.8           | 764.9           | 768.2           |
| Quebec                                                                         | 7,786.5                | 7,871.4         | 7,955.0         | 8,021.9         | 8,078.4         | 8,124.7         | 8,165.4         | 8,190.0         | 8,249.1         | 8,329.7         |
| Ontario                                                                        | 12,927.1               | 13,047.5        | 13,189.3        | 13,308.7        | 13,434.9        | 13,558.5        | 13,661.3        | 13,757.7        | 13,945.5        | 14,153.8        |
| Manitoba                                                                       | 1,199.5                | 1,211.9         | 1,224.7         | 1,238.0         | 1,254.2         | 1,268.4         | 1,283.4         | 1,297.3         | 1,320.1         | 1,340.8         |
| Saskatchewan                                                                   | 1,022.6                | 1,039.6         | 1,056.1         | 1,070.7         | 1,089.0         | 1,103.7         | 1,116.2         | 1,124.9         | 1,140.8         | 1,155.0         |
| Alberta                                                                        | 3,619.3                | 3,694.3         | 3,747.2         | 3,807.7         | 3,900.3         | 4,010.9         | 4,106.1         | 4,159.5         | 4,210.1         | 4,262.6         |
| British Columbia                                                               | 4,371.1                | 4,431.6         | 4,483.6         | 4,525.7         | 4,590.5         | 4,658.9         | 4,737.7         | 4,803.0         | 4,881.4         | 4,945.6         |
| Yukon                                                                          | 33.3                   | 34.0            | 34.8            | 35.7            | 36.4            | 36.4            | 37.3            | 37.8            | 38.7            | 39.8            |
| Northwest Territories                                                          | 43.3                   | 42.9            | 43.3            | 43.6            | 43.7            | 43.8            | 44.1            | 44.4            | 44.6            | 45.1            |
| Nunavut                                                                        | 32.0                   | 32.8            | 33.6            | 34.4            | 34.8            | 35.5            | 36.1            | 36.6            | 37.0            | 37.8            |
| <b>Total (all provinces/territories)</b>                                       | <b>33,372.4</b>        | <b>33,757.1</b> | <b>34,131.7</b> | <b>34,458.0</b> | <b>34,836.0</b> | <b>35,211.9</b> | <b>35,559.0</b> | <b>35,822.9</b> | <b>36,256.1</b> | <b>36,712.7</b> |
| <b>Per Capita Transport Expenditures by Provincial/Territorial Governments</b> |                        |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|                                                                                | (Dollars per capita)   |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|                                                                                | 2008/09                | 2009/10         | 2010/11         | 2011/12         | 2012/13         | 2013/14         | 2014/15         | 2015/16         | 2016/17         | 2017/18         |
| Newfoundland and Labrador                                                      | 797.0                  | 857.3           | 979.6           | 905.6           | 750.4           | 749.1           | 801.4           | 791.9           | 602.6           | 692.6           |
| Prince Edward Island                                                           | 817.4                  | 886.1           | 853.1           | 880.4           | 842.1           | 755.0           | 794.9           | 824.1           | 734.0           | 792.2           |
| Nova Scotia                                                                    | 435.5                  | 447.5           | 551.1           | 637.6           | 639.8           | 664.4           | 672.6           | 644.5           | 659.4           | 632.6           |
| New Brunswick                                                                  | 712.8                  | 745.3           | 834.2           | 584.1           | 1,186.9         | 516.6           | 541.4           | 666.7           | 673.7           | 706.5           |
| Quebec                                                                         | 685.2                  | 585.2           | 627.9           | 655.6           | 879.0           | 1,231.5         | 1,176.2         | 1,261.2         | 1,373.5         | 1,426.2         |
| Ontario                                                                        | 315.9                  | 193.2           | 191.2           | 198.5           | 310.0           | 319.4           | 340.2           | 552.2           | 528.5           | 587.2           |
| Manitoba                                                                       | 450.8                  | 546.4           | 482.6           | 470.6           | 480.5           | 509.6           | 631.5           | 726.9           | 686.3           | 567.6           |
| Saskatchewan                                                                   | 585.4                  | 552.9           | 567.2           | 558.9           | 535.0           | 567.8           | 621.5           | 691.3           | 981.3           | 975.0           |
| Alberta                                                                        | 643.9                  | 855.4           | 716.5           | 715.4           | 663.6           | 599.5           | 548.6           | 598.5           | 445.7           | 682.1           |
| British Columbia                                                               | 508.8                  | 520.5           | 595.2           | 507.5           | 516.5           | 525.6           | 520.8           | 511.7           | 478.2           | 448.6           |
| Yukon                                                                          | 3,231.9                | 3,419.2         | 2,864.9         | 2,782.7         | 3,118.2         | 3,115.4         | 3,363.8         | 3,289.9         | 3,154.5         | 3,609.8         |
| Northwest Territories                                                          | 2,891.2                | 3,841.2         | 8,147.7         | 4,827.2         | 4,691.6         | 5,962.8         | 7,920.3         | 7,311.8         | 6,234.9         | 5,030.5         |
| Nunavut                                                                        | 1,434.0                | 1,012.5         | 1,193.3         | 1,140.7         | 1,716.3         | 3,480.3         | 2,526.0         | 3,458.7         | 2,656.5         | 3,097.5         |
| <b>Total (all provinces/territories)</b>                                       | <b>505.1</b>           | <b>465.0</b>    | <b>478.6</b>    | <b>467.2</b>    | <b>568.6</b>    | <b>638.5</b>    | <b>636.2</b>    | <b>748.7</b>    | <b>744.7</b>    | <b>798.8</b>    |

Note:

1 Population as of the mid-point of the fiscal year (October 1), taken from official estimates.

Source: Transport Canada calculations based on Table G6 and Statistics Canada population estimates.

**Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2008/09–2017/18**

|                                                           | (Millions of dollars) |             |             |             |             |              |             |              |             |              |
|-----------------------------------------------------------|-----------------------|-------------|-------------|-------------|-------------|--------------|-------------|--------------|-------------|--------------|
|                                                           | 2008/09               | 2009/10     | 2010/11     | 2011/12     | 2012/13     | 2013/14      | 2014/15     | 2015/16      | 2016/17     | 2017/18      |
| <b>AIR MODE</b>                                           |                       |             |             |             |             |              |             |              |             |              |
| <b>Newfoundland and Labrador</b>                          |                       |             |             |             |             |              |             |              |             |              |
| Operating                                                 | 18.2                  | 0.0         | 0.0         | 0.0         | 0.0         | 0.0          | 11.2        | 18.4         | 9.7         | 9.6          |
| Capital                                                   | 0.0                   | 28.8        | 56.0        | 34.3        | 1.9         | 1.9          | 40.6        | 17.9         | 0.9         | 0.3          |
| <b>Operating and capital</b>                              | <b>18.2</b>           | <b>28.8</b> | <b>56.0</b> | <b>34.3</b> | <b>1.9</b>  | <b>1.9</b>   | <b>51.8</b> | <b>36.3</b>  | <b>10.6</b> | <b>9.9</b>   |
| Transfer payments                                         | 0.2                   | 0.3         | 0.7         | 0.2         | 1.2         | 1.2          | 0.0         | 0.0          | 0.0         | 0.0          |
| <b>Gross expenditures</b>                                 | <b>18.4</b>           | <b>29.1</b> | <b>56.7</b> | <b>34.5</b> | <b>3.1</b>  | <b>3.1</b>   | <b>51.8</b> | <b>36.3</b>  | <b>10.6</b> | <b>9.9</b>   |
| Federal transfers to provinces/territories <sup>1</sup>   |                       | (0.3)       | (0.3)       | (1.8)       | (1.2)       | (1.2)        | (2.6)       | (2.3)        | (1.2)       | (1.3)        |
| <b>Net expenditures</b>                                   | <b>17.4</b>           | <b>28.8</b> | <b>56.4</b> | <b>32.7</b> | <b>1.9</b>  | <b>1.9</b>   | <b>49.2</b> | <b>34.0</b>  | <b>9.4</b>  | <b>8.6</b>   |
| <b>Quebec</b>                                             |                       |             |             |             |             |              |             |              |             |              |
| Operating                                                 | 1.5                   | 24.4        | 26.7        | 32.6        | 35.0        | 29.0         | 18.4        | 70.8         | 70.4        | 78.8         |
| Capital                                                   | 0.0                   | 0.0         | 0.0         | 0.0         | 0.0         | 0.0          | 24.1        | 26.8         | 26.8        | 26.0         |
| <b>Operating and capital</b>                              | <b>1.5</b>            | <b>24.4</b> | <b>26.7</b> | <b>32.6</b> | <b>35.0</b> | <b>29.0</b>  | <b>42.5</b> | <b>97.6</b>  | <b>97.2</b> | <b>104.8</b> |
| Transfer payments                                         | 8.0                   | 8.4         | 8.5         | 8.1         | 7.9         | 2.9          | 2.9         | 0.0          | 0.0         | 0.0          |
| <b>Gross expenditures</b>                                 | <b>9.5</b>            | <b>32.8</b> | <b>35.2</b> | <b>40.7</b> | <b>42.9</b> | <b>31.9</b>  | <b>45.4</b> | <b>97.6</b>  | <b>97.2</b> | <b>104.8</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (2.6)                 | (6.0)       | (0.1)       | 0.4         | 0.0         | 0.0          | 0.2         | 0.0          | 0.0         | 0.0          |
| <b>Net expenditures</b>                                   | <b>7.0</b>            | <b>26.8</b> | <b>35.1</b> | <b>41.1</b> | <b>42.9</b> | <b>31.9</b>  | <b>45.6</b> | <b>97.6</b>  | <b>97.2</b> | <b>104.8</b> |
| <b>Ontario</b>                                            |                       |             |             |             |             |              |             |              |             |              |
| Operating                                                 | 5.1                   | 5.3         | 6.6         | 6.5         | 8.1         | 12.3         | 11.4        | 11.7         | 11.8        | 11.3         |
| Capital                                                   | 2.5                   | 3.1         | 8.2         | 3.7         | 5.4         | 4.6          | 1.9         | 2.9          | 0.6         | 1.4          |
| <b>Operating and capital</b>                              | <b>7.6</b>            | <b>8.4</b>  | <b>14.8</b> | <b>10.2</b> | <b>13.5</b> | <b>16.9</b>  | <b>13.3</b> | <b>14.6</b>  | <b>12.4</b> | <b>12.7</b>  |
| Transfer payments                                         | (0.3)                 | 0.0         | 0.0         | 0.0         | 0.0         | 0.0          | 0.0         | 0.0          | 0.0         | 0.0          |
| <b>Net expenditures</b>                                   | <b>7.3</b>            | <b>8.4</b>  | <b>14.8</b> | <b>10.2</b> | <b>13.5</b> | <b>16.9</b>  | <b>13.3</b> | <b>14.6</b>  | <b>12.4</b> | <b>12.7</b>  |
| <b>Manitoba</b>                                           |                       |             |             |             |             |              |             |              |             |              |
| Operating                                                 | 6.3                   | 3.6         | 1.6         | 8.1         | 8.8         | 11.6         | 13.4        | 12.8         | 13.5        | 12.8         |
| Capital                                                   | 3.6                   | 1.2         | 2.4         | 1.2         | 2.9         | 0.9          | 1.1         | 0.5          | 1.4         | 5.9          |
| <b>Operating and capital</b>                              | <b>9.9</b>            | <b>4.8</b>  | <b>4.0</b>  | <b>9.3</b>  | <b>11.7</b> | <b>12.5</b>  | <b>14.5</b> | <b>13.3</b>  | <b>14.9</b> | <b>18.7</b>  |
| Transfer payments                                         | 0.1                   | 0.1         | 0.1         | 0.1         | 0.1         | 0.0          | 0.0         | 0.0          | 0.0         | 0.0          |
| <b>Gross expenditures</b>                                 | <b>10.0</b>           | <b>4.9</b>  | <b>4.1</b>  | <b>9.4</b>  | <b>11.8</b> | <b>12.5</b>  | <b>14.5</b> | <b>13.3</b>  | <b>14.9</b> | <b>18.7</b>  |
| Federal transfers to provinces/territories <sup>1,2</sup> | (0.4)                 | 0.0         | 0.0         | 0.0         | (0.3)       | (0.8)        | 0.0         | (1.1)        | (0.9)       | (6.3)        |
| <b>Net expenditures</b>                                   | <b>9.6</b>            | <b>4.9</b>  | <b>4.1</b>  | <b>9.4</b>  | <b>11.5</b> | <b>11.7</b>  | <b>14.5</b> | <b>12.2</b>  | <b>14.0</b> | <b>12.4</b>  |
| <b>Saskatchewan</b>                                       |                       |             |             |             |             |              |             |              |             |              |
| Operating                                                 | 2.1                   | 1.8         | 1.9         | 2.0         | 3.0         | 2.0          | 2.0         | 2.0          | 2.0         | 2.0          |
| Capital                                                   | 0.4                   | 0.5         | 0.5         | 0.0         | 0.0         | 0.0          | 0.2         | 14.6         | 0.0         | 0.0          |
| <b>Operating and capital</b>                              | <b>2.5</b>            | <b>2.2</b>  | <b>2.4</b>  | <b>2.0</b>  | <b>3.0</b>  | <b>2.0</b>   | <b>2.2</b>  | <b>16.6</b>  | <b>2.0</b>  | <b>2.0</b>   |
| Transfer payments                                         | 0.1                   | 0.1         | 0.1         | 0.1         | 0.8         | 0.7          | 0.7         | 0.0          | 0.0         | 0.0          |
| <b>Net expenditures</b>                                   | <b>2.6</b>            | <b>2.3</b>  | <b>2.5</b>  | <b>2.1</b>  | <b>3.8</b>  | <b>2.7</b>   | <b>2.9</b>  | <b>16.6</b>  | <b>2.0</b>  | <b>2.0</b>   |
| <b>Alberta</b>                                            |                       |             |             |             |             |              |             |              |             |              |
| Transfer payments                                         | 2.0                   | 3.2         | 2.4         | 1.0         | 2.6         | 1.5          | 0.0         | 0.1          | 0.0         | 0.0          |
| <b>Net expenditures</b>                                   | <b>2.0</b>            | <b>3.2</b>  | <b>2.4</b>  | <b>1.0</b>  | <b>2.6</b>  | <b>1.5</b>   | <b>0.0</b>  | <b>0.1</b>   | <b>0.0</b>  | <b>0.0</b>   |
| <b>British Columbia</b>                                   |                       |             |             |             |             |              |             |              |             |              |
| Transfer payments                                         | 12.2                  | 3.4         | 0.0         | 0.0         | 0.0         | 0.0          | 0.0         | 3.7          | 5.9         | 10.7         |
| <b>Net expenditures</b>                                   | <b>12.2</b>           | <b>3.4</b>  | <b>0.0</b>  | <b>0.0</b>  | <b>0.0</b>  | <b>0.0</b>   | <b>0.0</b>  | <b>3.7</b>   | <b>5.9</b>  | <b>10.7</b>  |
| <b>Yukon</b>                                              |                       |             |             |             |             |              |             |              |             |              |
| Operating                                                 | 8.4                   | 8.3         | 8.7         | 9.5         | 10.2        | 10.9         | 10.8        | 11.4         | 11.8        | 12.5         |
| Capital                                                   | 6.1                   | 13.5        | 5.6         | 3.5         | 5.0         | 9.8          | 13.3        | 5.9          | 5.7         | 5.7          |
| <b>Operating and capital</b>                              | <b>14.5</b>           | <b>21.8</b> | <b>14.3</b> | <b>12.9</b> | <b>15.2</b> | <b>20.7</b>  | <b>24.1</b> | <b>17.2</b>  | <b>17.5</b> | <b>18.2</b>  |
| Transfer payments                                         | 0.0                   | 0.0         | 0.0         | 0.0         | 0.0         | 0.0          | 0.0         | 0.0          | 0.2         | 0.0          |
| <b>Gross expenditures</b>                                 | <b>14.5</b>           | <b>21.8</b> | <b>14.3</b> | <b>12.9</b> | <b>15.2</b> | <b>20.7</b>  | <b>24.1</b> | <b>17.2</b>  | <b>17.6</b> | <b>18.2</b>  |
| Federal transfers to provinces/territories <sup>1</sup>   | (0.1)                 | (5.0)       | (0.0)       | (0.2)       | (0.3)       | (0.1)        | (5.0)       | (1.8)        | (2.1)       | (1.9)        |
| <b>Net expenditures</b>                                   | <b>14.4</b>           | <b>16.7</b> | <b>14.3</b> | <b>12.7</b> | <b>14.9</b> | <b>20.6</b>  | <b>19.2</b> | <b>15.4</b>  | <b>15.6</b> | <b>16.3</b>  |
| <b>Northwest Territories</b>                              |                       |             |             |             |             |              |             |              |             |              |
| Operating                                                 | 17.6                  | 18.5        | 23.2        | 24.1        | 16.2        | 29.6         | 26.2        | 30.0         | 27.6        | 0.0          |
| Capital                                                   | 9.6                   | 16.6        | 20.4        | 10.7        | 6.6         | 4.3          | 6.0         | 2.4          | 4.4         | 1.8          |
| <b>Operating and capital</b>                              | <b>27.2</b>           | <b>35.0</b> | <b>43.7</b> | <b>34.8</b> | <b>22.8</b> | <b>34.0</b>  | <b>32.2</b> | <b>32.4</b>  | <b>32.0</b> | <b>1.8</b>   |
| Transfer payments                                         | 0.0                   | 0.0         | 0.0         | 0.0         | 0.0         | 0.3          | 7.4         | 1.6          | 1.0         | 0.0          |
| <b>Gross expenditures</b>                                 | <b>27.2</b>           | <b>35.0</b> | <b>43.7</b> | <b>34.8</b> | <b>22.8</b> | <b>34.2</b>  | <b>39.6</b> | <b>34.0</b>  | <b>33.0</b> | <b>1.8</b>   |
| Federal transfers to provinces/territories <sup>1</sup>   | (5.5)                 | (0.8)       | 0.0         | (0.3)       | (0.2)       | (0.3)        | (7.4)       | (1.6)        | (1.0)       | (3.4)        |
| <b>Net expenditures</b>                                   | <b>21.7</b>           | <b>34.3</b> | <b>43.7</b> | <b>34.5</b> | <b>22.6</b> | <b>34.0</b>  | <b>32.2</b> | <b>32.4</b>  | <b>32.0</b> | <b>(1.6)</b> |
| <b>Nunavut</b>                                            |                       |             |             |             |             |              |             |              |             |              |
| Operating                                                 | 13.4                  | 13.2        | 17.7        | 17.6        | 22.3        | 24.2         | 21.9        | 24.5         | 24.7        | 30.0         |
| Capital                                                   | 11.3                  | 6.9         | 6.3         | 8.1         | 8.3         | 71.8         | 62.7        | 91.8         | 66.6        | 68.7         |
| <b>Operating and capital</b>                              | <b>24.7</b>           | <b>20.1</b> | <b>24.0</b> | <b>25.7</b> | <b>30.6</b> | <b>96.0</b>  | <b>84.6</b> | <b>116.3</b> | <b>91.3</b> | <b>98.7</b>  |
| Transfer payments                                         | 8.0                   | 4.9         | 5.9         | 1.9         | 18.0        | 23.5         | 3.4         | 6.7          | 0.0         | 3.0          |
| <b>Gross expenditures</b>                                 | <b>32.7</b>           | <b>24.9</b> | <b>29.9</b> | <b>27.5</b> | <b>48.6</b> | <b>119.5</b> | <b>88.0</b> | <b>123.0</b> | <b>91.3</b> | <b>101.7</b> |

Table G6 continues on the next page

|                                                           | 2008/09      | 2009/10      | 2010/11      | 2011/12      | 2012/13      | 2013/14      | 2014/15      | 2015/16      | 2016/17      | 2017/18      |
|-----------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Nunavut (continued)</b>                                |              |              |              |              |              |              |              |              |              |              |
| Federal transfers to provinces/territories <sup>1</sup>   | (8.0)        | (4.9)        | (5.9)        | (1.9)        | (18.0)       | (23.5)       | (3.4)        | (6.7)        | 0.0          | 0.0          |
| <b>Net expenditures</b>                                   | <b>24.7</b>  | <b>20.1</b>  | <b>24.0</b>  | <b>25.7</b>  | <b>30.6</b>  | <b>96.0</b>  | <b>84.6</b>  | <b>116.3</b> | <b>91.3</b>  | <b>101.7</b> |
| <b>Total (all provinces/territories)</b>                  |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 72.6         | 90.0         | 101.1        | 116.4        | 124.0        | 140.1        | 115.4        | 181.6        | 171.5        | 157.0        |
| Capital                                                   | 33.5         | 70.5         | 99.4         | 61.4         | 30.1         | 93.3         | 149.9        | 162.8        | 106.3        | 109.8        |
| <b>Operating and capital</b>                              | <b>106.1</b> | <b>160.5</b> | <b>200.6</b> | <b>177.8</b> | <b>154.2</b> | <b>233.4</b> | <b>265.3</b> | <b>344.4</b> | <b>277.8</b> | <b>266.9</b> |
| Transfer payments                                         | 30.3         | 20.4         | 17.6         | 11.4         | 30.6         | 30.1         | 14.4         | 12.1         | 7.1          | 13.7         |
| <b>Gross expenditures</b>                                 | <b>136.4</b> | <b>180.8</b> | <b>218.2</b> | <b>189.2</b> | <b>184.8</b> | <b>263.5</b> | <b>279.7</b> | <b>356.5</b> | <b>284.9</b> | <b>280.6</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (17.5)       | (17.0)       | (6.3)        | (3.8)        | (20.0)       | (25.9)       | (18.2)       | (13.5)       | (5.1)        | (12.9)       |
| <b>Net expenditures</b>                                   | <b>118.9</b> | <b>163.8</b> | <b>211.9</b> | <b>185.4</b> | <b>164.8</b> | <b>237.7</b> | <b>261.5</b> | <b>343.0</b> | <b>279.7</b> | <b>267.7</b> |
| <b>MARINE MODE</b>                                        |              |              |              |              |              |              |              |              |              |              |
| <b>Newfoundland and Labrador</b>                          |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 73.0         | 66.3         | 66.4         | 82.5         | 77.7         | 77.7         | 87.8         | 79.5         | 84.0         | 76.6         |
| Capital                                                   | 0.0          | 24.1         | 27.6         | 5.9          | 5.4          | 5.4          | 31.1         | 25.0         | 5.2          | 9.1          |
| <b>Gross expenditures</b>                                 | <b>73.0</b>  | <b>90.4</b>  | <b>94.0</b>  | <b>88.4</b>  | <b>83.1</b>  | <b>83.1</b>  | <b>118.9</b> | <b>104.5</b> | <b>89.2</b>  | <b>85.7</b>  |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | (1.6)        |
| <b>Net expenditures</b>                                   | <b>73.0</b>  | <b>90.4</b>  | <b>94.0</b>  | <b>88.4</b>  | <b>83.1</b>  | <b>83.1</b>  | <b>118.9</b> | <b>104.5</b> | <b>89.2</b>  | <b>84.1</b>  |
| <b>Nova Scotia</b>                                        |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 8.5          | 8.6          | 10.5         | 10.2         | 10.2         | 10.5         | 10.2         | 10.5         | 10.4         | 11.9         |
| Capital                                                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.6          | 0.7          | 3.9          | 4.1          | 3.4          | 1.5          |
| <b>Net expenditures</b>                                   | <b>8.5</b>   | <b>8.6</b>   | <b>10.5</b>  | <b>10.2</b>  | <b>10.8</b>  | <b>11.2</b>  | <b>14.2</b>  | <b>14.6</b>  | <b>13.7</b>  | <b>13.4</b>  |
| <b>New Brunswick</b>                                      |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 16.1         | 14.3         | 14.8         | 18.5         | 22.3         | 21.6         | 22.6         | 21.0         | 21.2         | 22.0         |
| Capital                                                   | 8.8          | 19.4         | 51.2         | 21.6         | 4.4          | 4.1          | 7.4          | 13.6         | 5.0          | 9.2          |
| <b>Net expenditures</b>                                   | <b>24.9</b>  | <b>33.7</b>  | <b>66.0</b>  | <b>40.1</b>  | <b>26.7</b>  | <b>25.7</b>  | <b>30.0</b>  | <b>34.6</b>  | <b>26.2</b>  | <b>31.2</b>  |
| <b>Quebec</b>                                             |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 10.9         | 10.7         | 0.9          | 91.2         | 96.0         | 95.3         | 120.7        | 139.7        | 118.5        | 137.4        |
| Capital                                                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 9.3          |
| Transfer payments                                         | 17.8         | 15.0         | 7.2          | 4.9          | 4.9          | 4.8          | 4.8          | 0.0          | 0.0          | 0.0          |
| <b>Net expenditures</b>                                   | <b>28.6</b>  | <b>25.6</b>  | <b>8.1</b>   | <b>96.1</b>  | <b>100.9</b> | <b>100.1</b> | <b>125.5</b> | <b>139.7</b> | <b>118.5</b> | <b>146.7</b> |
| <b>Ontario</b>                                            |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 12.3         | 12.5         | 11.6         | 11.6         | 13.1         | 12.0         | 12.3         | 12.0         | 12.3         | 13.5         |
| Capital                                                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 15.6         | 14.8         | 50.9         |
| Transfer payments                                         | 5.3          | 4.5          | 5.3          | 6.3          | 6.1          | 6.4          | 6.9          | 9.0          | 11.8         | 8.7          |
| <b>Net expenditures</b>                                   | <b>17.6</b>  | <b>17.0</b>  | <b>16.9</b>  | <b>17.9</b>  | <b>19.2</b>  | <b>18.4</b>  | <b>19.2</b>  | <b>36.6</b>  | <b>38.9</b>  | <b>73.1</b>  |
| <b>Manitoba</b>                                           |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 0.2          | 0.6          | 0.0          | 0.0          | 1.0          | 3.8          | 3.5          | 3.9          | 3.8          | 3.7          |
| Capital                                                   | 0.0          | 0.0          | 0.0          | 0.0          | 2.7          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Operating and capital</b>                              | <b>0.2</b>   | <b>0.6</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>3.7</b>   | <b>3.8</b>   | <b>3.5</b>   | <b>3.9</b>   | <b>3.8</b>   | <b>3.7</b>   |
| Transfer payments                                         | 0.8          | 0.0          | 4.0          | 5.0          | 0.0          | 0.3          | 0.0          | 1.1          | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                 | <b>1.0</b>   | <b>0.6</b>   | <b>4.0</b>   | <b>5.0</b>   | <b>3.7</b>   | <b>4.1</b>   | <b>3.5</b>   | <b>5.0</b>   | <b>3.8</b>   | <b>3.7</b>   |
| Federal transfers to provinces/territories <sup>1,2</sup> | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | (2.3)        | (1.0)        | (1.0)        | 0.0          | 0.0          |
| <b>Net expenditures</b>                                   | <b>1.0</b>   | <b>0.6</b>   | <b>4.0</b>   | <b>5.0</b>   | <b>3.7</b>   | <b>1.8</b>   | <b>2.5</b>   | <b>4.0</b>   | <b>3.8</b>   | <b>3.7</b>   |
| <b>Saskatchewan</b>                                       |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 3.9          | 3.7          | 3.7          | 4.0          | 3.5          | 3.6          | 3.7          | 3.7          | 4.0          | 3.5          |
| Capital                                                   | 0.0          | 0.0          | 0.0          | 0.7          | 3.0          | 2.2          | 0.5          | 1.8          | 0.0          | 0.0          |
| <b>Net expenditures</b>                                   | <b>3.9</b>   | <b>3.7</b>   | <b>3.7</b>   | <b>4.7</b>   | <b>6.6</b>   | <b>5.8</b>   | <b>4.2</b>   | <b>5.5</b>   | <b>4.0</b>   | <b>3.5</b>   |
| <b>Alberta</b>                                            |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 2.3          | 2.1          | 2.0          | 2.2          | 2.0          | 1.6          | 2.1          | 1.5          | 1.8          | 1.9          |
| <b>Net expenditures</b>                                   | <b>2.3</b>   | <b>2.1</b>   | <b>2.0</b>   | <b>2.2</b>   | <b>2.0</b>   | <b>1.6</b>   | <b>2.1</b>   | <b>1.5</b>   | <b>1.8</b>   | <b>1.9</b>   |
| <b>British Columbia</b>                                   |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 19.0         | 19.0         | 19.0         | 20.7         | 21.3         | 20.8         | 22.6         | 24.6         | 25.6         | 26.8         |
| Transfer payments                                         | 172.0        | 170.0        | 171.0        | 177.0        | 201.3        | 198.0        | 193.1        | 189.4        | 192.0        | 193.0        |
| <b>Gross expenditures</b>                                 | <b>191.0</b> | <b>189.0</b> | <b>190.0</b> | <b>197.7</b> | <b>222.6</b> | <b>218.8</b> | <b>215.7</b> | <b>214.0</b> | <b>217.6</b> | <b>219.8</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (26.3)       | (26.9)       | (26.9)       | (27.5)       | (28.1)       | (28.5)       | (28.4)       | (28.7)       | (29.1)       | (29.8)       |
| <b>Net expenditures</b>                                   | <b>164.7</b> | <b>162.1</b> | <b>163.1</b> | <b>170.2</b> | <b>194.5</b> | <b>190.3</b> | <b>187.3</b> | <b>185.3</b> | <b>188.5</b> | <b>190.0</b> |
| <b>Yukon</b>                                              |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 1.4          | 1.5          | 1.5          | 1.6          |
| Capital                                                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.2          | 0.2          | 0.4          | 17.6         |
| <b>Net expenditures</b>                                   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>1.6</b>   | <b>1.7</b>   | <b>1.9</b>   | <b>19.2</b>  |
| <b>Northwest Territories</b>                              |              |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 5.4          | 4.7          | 5.1          | 5.9          | 5.0          | 8.1          | 7.8          | 8.7          | 7.6          | 37.4         |
| Capital                                                   | 9.6          | 16.6         | 20.4         | 10.7         | 6.6          | 1.0          | 1.0          | 1.0          | 0.3          | 4.2          |
| <b>Net expenditures</b>                                   | <b>15.0</b>  | <b>21.3</b>  | <b>25.6</b>  | <b>16.5</b>  | <b>11.6</b>  | <b>9.1</b>   | <b>8.8</b>   | <b>9.7</b>   | <b>7.9</b>   | <b>41.6</b>  |

Table G6 continues on the next page

**Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2008/09–2017/18 (continued)**

|                                                           | (Millions of dollars) |              |              |              |              |              |              |              |              |              |
|-----------------------------------------------------------|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                                           | 2008/09               | 2009/10      | 2010/11      | 2011/12      | 2012/13      | 2013/14      | 2014/15      | 2015/16      | 2016/17      | 2017/18      |
| <b>Nunavut</b>                                            |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 0.3                   | 0.5          | 0.7          | 0.2          | 0.2          | 0.2          | 0.2          | 0.3          | 0.5          | 0.3          |
| Capital                                                   | 11.3                  | 6.9          | 6.3          | 8.1          | 8.3          | 1.7          | 0.4          | 0.6          | 0.9          | 1.6          |
| <b>Operating and capital</b>                              | <b>11.6</b>           | <b>7.4</b>   | <b>7.0</b>   | <b>8.2</b>   | <b>8.5</b>   | <b>1.9</b>   | <b>0.6</b>   | <b>0.9</b>   | <b>1.4</b>   | <b>1.9</b>   |
| Transfer payments                                         | 0.0                   | 0.0          | 0.6          | 0.5          | 0.5          | 0.0          | 0.0          | 0.0          | 0.0          | 3.1          |
| <b>Gross expenditures</b>                                 | <b>11.6</b>           | <b>7.4</b>   | <b>7.6</b>   | <b>8.7</b>   | <b>9.0</b>   | <b>1.9</b>   | <b>0.6</b>   | <b>0.9</b>   | <b>1.4</b>   | <b>5.0</b>   |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0                   | 0.0          | (0.6)        | (0.5)        | (0.5)        | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Net expenditures</b>                                   | <b>11.6</b>           | <b>7.4</b>   | <b>7.0</b>   | <b>8.2</b>   | <b>8.5</b>   | <b>1.9</b>   | <b>0.6</b>   | <b>0.9</b>   | <b>1.4</b>   | <b>5.0</b>   |
| <b>Total (all provinces/territories)</b>                  |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 151.9                 | 142.9        | 134.7        | 246.9        | 252.4        | 255.2        | 295.0        | 306.9        | 291.2        | 336.6        |
| Capital                                                   | 29.7                  | 67.0         | 105.5        | 46.9         | 31.1         | 15.1         | 44.5         | 61.9         | 30.0         | 103.4        |
| <b>Operating and capital</b>                              | <b>181.5</b>          | <b>209.9</b> | <b>240.2</b> | <b>293.8</b> | <b>283.4</b> | <b>270.3</b> | <b>339.5</b> | <b>368.8</b> | <b>321.1</b> | <b>440.0</b> |
| Transfer payments                                         | 195.9                 | 189.5        | 188.1        | 193.7        | 212.8        | 209.5        | 204.8        | 199.5        | 203.8        | 204.8        |
| <b>Gross expenditures</b>                                 | <b>377.4</b>          | <b>399.3</b> | <b>428.4</b> | <b>487.4</b> | <b>496.2</b> | <b>479.8</b> | <b>544.3</b> | <b>568.3</b> | <b>524.9</b> | <b>644.8</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (26.3)                | (26.9)       | (27.5)       | (28.0)       | (28.6)       | (30.8)       | (29.4)       | (29.7)       | (29.1)       | (31.4)       |
| <b>Net expenditures</b>                                   | <b>351.1</b>          | <b>372.4</b> | <b>400.9</b> | <b>459.4</b> | <b>467.6</b> | <b>449.0</b> | <b>514.9</b> | <b>538.6</b> | <b>495.8</b> | <b>613.4</b> |
| <b>RAIL MODE</b>                                          |                       |              |              |              |              |              |              |              |              |              |
| <b>New Brunswick</b>                                      |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 0.4                   | 0.4          | 0.4          | 0.4          | 0.5          | 0.5          | 0.4          | 0.5          | 0.4          | 0.5          |
| Capital                                                   | 0.0                   | 0.1          | 0.0          | 0.1          | 0.1          | 0.2          | 0.1          | 0.2          | 0.2          | 0.0          |
| <b>Net expenditures</b>                                   | <b>0.4</b>            | <b>0.5</b>   | <b>0.4</b>   | <b>0.5</b>   | <b>0.6</b>   | <b>0.7</b>   | <b>0.5</b>   | <b>0.7</b>   | <b>0.6</b>   | <b>0.5</b>   |
| <b>Quebec</b>                                             |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 1.0          | 1.8          | 3.3          | 6.1          |
| Capital                                                   | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 3.7          | 3.9          | 0.0          | 0.0          |
| <b>Operating and capital</b>                              | <b>0.0</b>            | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>4.7</b>   | <b>5.7</b>   | <b>3.3</b>   | <b>6.1</b>   |
| Transfer payments                                         | 5.8                   | 8.0          | 8.5          | 1.9          | 1.7          | 2.0          | 2.0          | 0.0          | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                 | <b>5.8</b>            | <b>8.0</b>   | <b>8.5</b>   | <b>1.9</b>   | <b>1.7</b>   | <b>2.0</b>   | <b>6.7</b>   | <b>5.7</b>   | <b>3.3</b>   | <b>6.1</b>   |
| Federal transfers to provinces/territories <sup>1</sup>   | (0.3)                 | (5.3)        | (3.9)        | (4.0)        | (7.5)        | (7.5)        | (7.5)        | (12.8)       | (0.1)        | 0.0          |
| <b>Net expenditures</b>                                   | <b>5.5</b>            | <b>2.7</b>   | <b>4.6</b>   | <b>(2.1)</b> | <b>(5.7)</b> | <b>(5.5)</b> | <b>(0.8)</b> | <b>(7.1)</b> | <b>3.2</b>   | <b>6.1</b>   |
| <b>Ontario</b>                                            |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 1.1                   | 1.0          | 1.4          | 1.0          | 0.7          | 0.7          | 1.0          | 0.8          | 1.3          | 1.6          |
| Capital                                                   | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Operating and capital</b>                              | <b>1.1</b>            | <b>1.0</b>   | <b>1.4</b>   | <b>1.0</b>   | <b>0.7</b>   | <b>0.7</b>   | <b>1.0</b>   | <b>0.8</b>   | <b>1.3</b>   | <b>1.6</b>   |
| Transfer payments                                         | 44.9                  | 52.6         | 66.2         | 75.7         | 87.0         | 111.5        | 83.2         | 94.8         | 79.3         | 85.4         |
| <b>Net expenditures</b>                                   | <b>46.0</b>           | <b>53.6</b>  | <b>67.6</b>  | <b>76.7</b>  | <b>87.7</b>  | <b>112.2</b> | <b>84.2</b>  | <b>95.6</b>  | <b>80.6</b>  | <b>87.0</b>  |
| <b>Manitoba</b>                                           |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 0.0                   | 0.6          | 0.0          | 0.0          | 0.4          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| Transfer payments                                         | 4.9                   | 7.5          | 0.8          | 1.2          | 0.0          | 1.7          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                 | <b>4.9</b>            | <b>8.1</b>   | <b>0.8</b>   | <b>1.2</b>   | <b>0.4</b>   | <b>1.7</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   |
| Federal transfers to provinces/territories <sup>1,2</sup> | 0.0                   | 0.0          | 0.0          | 0.0          | 0.0          | (1.7)        | 0.0          | 0.0          | 0.0          | (1.0)        |
| <b>Net expenditures</b>                                   | <b>4.9</b>            | <b>8.1</b>   | <b>0.8</b>   | <b>1.2</b>   | <b>0.4</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>0.0</b>   | <b>(1.0)</b> |
| <b>Saskatchewan</b>                                       |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 1.3                   | 1.2          | 1.2          | 1.2          | 1.2          | 1.2          | 1.3          | 1.3          | 1.6          | 1.0          |
| <b>Net expenditures</b>                                   | <b>1.3</b>            | <b>1.2</b>   | <b>1.2</b>   | <b>1.2</b>   | <b>1.2</b>   | <b>1.2</b>   | <b>1.3</b>   | <b>1.3</b>   | <b>1.6</b>   | <b>1.0</b>   |
| <b>Total (all provinces/territories)</b>                  |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 2.8                   | 3.2          | 3.0          | 2.6          | 2.8          | 2.4          | 3.7          | 4.4          | 6.6          | 9.2          |
| Capital                                                   | 0.0                   | 0.1          | 0.0          | 0.1          | 0.1          | 0.2          | 3.8          | 4.1          | 0.2          | 0.0          |
| <b>Operating and capital</b>                              | <b>2.8</b>            | <b>3.3</b>   | <b>3.0</b>   | <b>2.7</b>   | <b>2.9</b>   | <b>2.6</b>   | <b>7.5</b>   | <b>8.5</b>   | <b>6.8</b>   | <b>9.2</b>   |
| Transfer payments                                         | 55.6                  | 68.1         | 75.5         | 78.8         | 88.7         | 115.2        | 85.2         | 94.8         | 79.3         | 85.4         |
| <b>Gross expenditures</b>                                 | <b>58.4</b>           | <b>71.3</b>  | <b>78.5</b>  | <b>81.5</b>  | <b>91.6</b>  | <b>117.8</b> | <b>92.7</b>  | <b>103.3</b> | <b>86.1</b>  | <b>94.6</b>  |
| Federal transfers to provinces/territories <sup>1</sup>   | (0.3)                 | (5.3)        | (3.9)        | (4.0)        | (7.5)        | (9.2)        | (7.5)        | (12.8)       | (0.1)        | (1.0)        |
| <b>Net expenditures</b>                                   | <b>58.0</b>           | <b>66.0</b>  | <b>74.6</b>  | <b>77.5</b>  | <b>84.2</b>  | <b>108.6</b> | <b>85.2</b>  | <b>90.5</b>  | <b>86.0</b>  | <b>93.6</b>  |
| <b>ROAD MODE</b>                                          |                       |              |              |              |              |              |              |              |              |              |
| <b>Newfoundland and Labrador</b>                          |                       |              |              |              |              |              |              |              |              |              |
| Operating                                                 | 198.7                 | 207.5        | 211.5        | 202.1        | 170.0        | 170.0        | 152.8        | 189.4        | 180.9        | 159.3        |
| Capital                                                   | 83.4                  | 103.0        | 135.3        | 135.2        | 118.9        | 118.9        | 100.0        | 88.5         | 38.7         | 111.1        |
| <b>Operating and capital</b>                              | <b>282.1</b>          | <b>310.5</b> | <b>346.8</b> | <b>337.3</b> | <b>288.9</b> | <b>288.9</b> | <b>252.8</b> | <b>277.9</b> | <b>219.6</b> | <b>270.4</b> |
| Transfer payments                                         | 35.7                  | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          | 0.0          |
| <b>Gross expenditures</b>                                 | <b>317.8</b>          | <b>310.5</b> | <b>346.8</b> | <b>337.3</b> | <b>288.9</b> | <b>288.9</b> | <b>252.8</b> | <b>277.9</b> | <b>219.6</b> | <b>270.4</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (38.9)                | (59.8)       | (37.5)       | (28.3)       | (17.3)       | (17.3)       | (3.3)        | (11.0)       | (58.0)       | (28.9)       |
| <b>Net expenditures</b>                                   | <b>278.9</b>          | <b>250.7</b> | <b>309.3</b> | <b>309.0</b> | <b>271.6</b> | <b>271.6</b> | <b>249.5</b> | <b>266.9</b> | <b>161.6</b> | <b>241.5</b> |

Table G6 continues on the next page

|                                                           | 2008/09        | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17        | 2017/18        |
|-----------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <b>Prince Edward Island</b>                               |                |                |                |                |                |                |                |                |                |                |
| Operating                                                 | 70.1           | 65.6           | 62.0           | 88.3           | 82.3           | 69.7           | 76.3           | 70.3           | 68.3           | 70.4           |
| Capital                                                   | 35.3           | 58.9           | 59.6           | 38.7           | 39.3           | 39.0           | 38.5           | 49.0           | 39.2           | 49.0           |
| <b>Operating and capital</b>                              | <b>105.4</b>   | <b>124.5</b>   | <b>121.6</b>   | <b>127.0</b>   | <b>121.6</b>   | <b>108.7</b>   | <b>114.8</b>   | <b>119.3</b>   | <b>107.5</b>   | <b>119.4</b>   |
| Transfer payments                                         | 8.2            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                 | <b>113.6</b>   | <b>124.5</b>   | <b>121.6</b>   | <b>127.0</b>   | <b>121.6</b>   | <b>108.7</b>   | <b>114.8</b>   | <b>119.3</b>   | <b>107.5</b>   | <b>119.4</b>   |
| Federal transfers to provinces/territories <sup>1</sup>   | (0.4)          | (0.3)          | (5.8)          | (4.6)          | (3.1)          | (10.0)         | (9.1)          | (9.1)          | (13.7)         | (22.3)         |
| <b>Net expenditures</b>                                   | <b>113.2</b>   | <b>124.2</b>   | <b>115.8</b>   | <b>122.4</b>   | <b>118.5</b>   | <b>98.7</b>    | <b>105.7</b>   | <b>110.2</b>   | <b>93.8</b>    | <b>97.1</b>    |
| <b>Nova Scotia</b>                                        |                |                |                |                |                |                |                |                |                |                |
| Operating                                                 | 197.0          | 176.3          | 209.8          | 334.2          | 342.0          | 364.4          | 387.6          | 368.4          | 387.9          | 378.2          |
| Capital                                                   | 188.2          | 236.0          | 300.0          | 258.2          | 250.8          | 249.1          | 229.8          | 221.8          | 222.3          | 212.1          |
| <b>Operating and capital</b>                              | <b>385.2</b>   | <b>412.3</b>   | <b>509.8</b>   | <b>592.4</b>   | <b>592.7</b>   | <b>613.4</b>   | <b>617.3</b>   | <b>590.2</b>   | <b>610.2</b>   | <b>590.3</b>   |
| Transfer payments                                         | 14.4           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                 | <b>399.6</b>   | <b>412.3</b>   | <b>509.8</b>   | <b>592.4</b>   | <b>592.7</b>   | <b>613.4</b>   | <b>617.3</b>   | <b>590.2</b>   | <b>610.2</b>   | <b>590.3</b>   |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0            | 0.0            | 0.0            | (19.4)         | (20.5)         | (18.9)         | (22.5)         | (32.0)         | (23.7)         | (16.2)         |
| <b>Net expenditures</b>                                   | <b>399.6</b>   | <b>412.3</b>   | <b>509.8</b>   | <b>573.0</b>   | <b>572.3</b>   | <b>594.5</b>   | <b>594.8</b>   | <b>558.1</b>   | <b>586.5</b>   | <b>574.1</b>   |
| <b>New Brunswick</b>                                      |                |                |                |                |                |                |                |                |                |                |
| Operating                                                 | 188.6          | 174.5          | 156.6          | 156.1          | 152.8          | 129.5          | 137.2          | 128.0          | 130.7          | 144.3          |
| Capital                                                   | 310.1          | 351.1          | 406.2          | 245.1          | 720.4          | 236.0          | 243.5          | 343.2          | 357.7          | 366.7          |
| <b>Operating and capital</b>                              | <b>498.7</b>   | <b>525.6</b>   | <b>562.8</b>   | <b>401.2</b>   | <b>873.2</b>   | <b>365.5</b>   | <b>380.7</b>   | <b>471.2</b>   | <b>488.5</b>   | <b>511.0</b>   |
| Transfer payments                                         | 9.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                 | <b>507.7</b>   | <b>525.6</b>   | <b>562.8</b>   | <b>401.2</b>   | <b>873.2</b>   | <b>365.5</b>   | <b>380.7</b>   | <b>471.2</b>   | <b>488.5</b>   | <b>511.0</b>   |
| Federal transfers to provinces/territories <sup>1</sup>   | (39.2)         | (49.7)         | (54.7)         | (45.4)         | (221.3)        | (16.9)         | (7.8)          | (18.4)         | (13.6)         | (27.0)         |
| <b>Net expenditures</b>                                   | <b>468.5</b>   | <b>475.9</b>   | <b>508.1</b>   | <b>355.8</b>   | <b>651.9</b>   | <b>348.6</b>   | <b>372.9</b>   | <b>452.8</b>   | <b>474.9</b>   | <b>484.0</b>   |
| <b>Quebec</b>                                             |                |                |                |                |                |                |                |                |                |                |
| Operating                                                 | 1,881.1        | 695.3          | 753.2          | 805.4          | 847.3          | 3,014.1        | 3,110.0        | 3,721.5        | 3,014.2        | 3,942.7        |
| Capital                                                   | 2,734.6        | 3,055.0        | 3,369.1        | 3,455.2        | 3,191.1        | 3,279.9        | 2,801.7        | 2,438.9        | 3,159.8        | 2,795.0        |
| <b>Operating and capital</b>                              | <b>4,615.8</b> | <b>3,750.4</b> | <b>4,122.3</b> | <b>4,260.6</b> | <b>4,038.4</b> | <b>6,294.0</b> | <b>5,911.7</b> | <b>6,160.4</b> | <b>6,174.0</b> | <b>6,737.7</b> |
| Transfer payments                                         | 174.9          | 196.5          | 200.9          | 199.2          | 138.6          | 203.3          | 203.3          | 0.0            | 0.0            | 0.0            |
| <b>Gross expenditures</b>                                 | <b>4,790.6</b> | <b>3,946.8</b> | <b>4,323.1</b> | <b>4,459.8</b> | <b>4,177.0</b> | <b>6,497.3</b> | <b>6,115.0</b> | <b>6,160.4</b> | <b>6,174.0</b> | <b>6,737.7</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (7.5)          | (5.5)          | (80.2)         | (77.3)         | (112.3)        | (99.5)         | (75.2)         | (52.7)         | (49.7)         | (233.0)        |
| <b>Net expenditures</b>                                   | <b>4,783.2</b> | <b>3,941.3</b> | <b>4,242.9</b> | <b>4,382.4</b> | <b>4,064.7</b> | <b>6,397.8</b> | <b>6,039.8</b> | <b>6,107.7</b> | <b>6,124.3</b> | <b>6,504.7</b> |
| <b>Ontario</b>                                            |                |                |                |                |                |                |                |                |                |                |
| Operating                                                 | 496.5          | 471.3          | 466.5          | 453.7          | 468.8          | 472.2          | 495.7          | 515.3          | 549.6          | 603.2          |
| Capital                                                   | 2,487.4        | 683.9          | 722.3          | 791.2          | 929.7          | 1,049.6        | 988.6          | 3,285.0        | 2,967.1        | 3,143.6        |
| <b>Operating and capital</b>                              | <b>2,983.9</b> | <b>1,155.2</b> | <b>1,188.8</b> | <b>1,244.9</b> | <b>1,398.5</b> | <b>1,521.8</b> | <b>1,484.3</b> | <b>3,800.3</b> | <b>3,516.7</b> | <b>3,746.8</b> |
| Transfer payments                                         | 10.5           | 53.8           | 29.5           | 23.5           | 27.3           | 22.5           | 44.3           | 34.1           | 77.3           | 41.7           |
| <b>Gross expenditures</b>                                 | <b>2,994.4</b> | <b>1,209.0</b> | <b>1,218.3</b> | <b>1,268.4</b> | <b>1,425.8</b> | <b>1,544.3</b> | <b>1,528.6</b> | <b>3,834.4</b> | <b>3,594.0</b> | <b>3,788.5</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (22.1)         | (16.2)         | (43.0)         | (33.3)         | (33.4)         | (37.4)         | (35.0)         | (43.8)         | (67.0)         | 0.0            |
| <b>Net expenditures</b>                                   | <b>2,972.3</b> | <b>1,192.8</b> | <b>1,175.3</b> | <b>1,235.1</b> | <b>1,392.4</b> | <b>1,506.9</b> | <b>1,493.6</b> | <b>3,790.6</b> | <b>3,527.0</b> | <b>3,788.5</b> |
| <b>Manitoba</b>                                           |                |                |                |                |                |                |                |                |                |                |
| Operating                                                 | 190.0          | 200.8          | 156.3          | 166.1          | 168.5          | 190.8          | 200.2          | 195.2          | 218.8          | 213.1          |
| Capital                                                   | 222.9          | 380.4          | 361.9          | 347.7          | 286.1          | 315.8          | 454.2          | 549.8          | 520.1          | 444.0          |
| <b>Operating and capital</b>                              | <b>412.9</b>   | <b>581.2</b>   | <b>518.2</b>   | <b>513.8</b>   | <b>454.6</b>   | <b>506.6</b>   | <b>654.4</b>   | <b>745.0</b>   | <b>738.9</b>   | <b>657.1</b>   |
| Transfer payments                                         | 54.9           | 29.7           | 23.1           | 1.8            | 1.8            | 45.4           | 69.2           | 101.3          | 66.3           | 80.2           |
| <b>Gross expenditures</b>                                 | <b>467.8</b>   | <b>610.9</b>   | <b>541.3</b>   | <b>515.6</b>   | <b>456.4</b>   | <b>552.0</b>   | <b>723.6</b>   | <b>846.3</b>   | <b>805.2</b>   | <b>737.3</b>   |
| Federal transfers to provinces/territories <sup>1,2</sup> | (0.3)          | 0.0            | 0.0            | 0.0            | (35.8)         | (68.1)         | (87.8)         | (76.1)         | (67.9)         | (64.8)         |
| <b>Net expenditures</b>                                   | <b>467.5</b>   | <b>610.9</b>   | <b>541.3</b>   | <b>515.6</b>   | <b>420.6</b>   | <b>483.9</b>   | <b>635.8</b>   | <b>770.2</b>   | <b>737.3</b>   | <b>672.4</b>   |
| <b>Saskatchewan</b>                                       |                |                |                |                |                |                |                |                |                |                |
| Operating                                                 | 248.5          | 248.2          | 219.8          | 268.4          | 233.6          | 233.6          | 258.2          | 229.6          | 236.2          | 205.4          |
| Capital                                                   | 215.0          | 259.7          | 302.3          | 295.3          | 296.3          | 347.1          | 390.9          | 501.0          | 851.5          | 887.5          |
| <b>Operating and capital</b>                              | <b>463.5</b>   | <b>507.9</b>   | <b>522.1</b>   | <b>563.7</b>   | <b>529.8</b>   | <b>580.7</b>   | <b>649.1</b>   | <b>730.6</b>   | <b>1,087.7</b> | <b>1,092.9</b> |
| Transfer payments                                         | 127.3          | 59.7           | 69.5           | 26.8           | 41.3           | 36.3           | 36.2           | 23.7           | 24.1           | 26.8           |
| <b>Gross expenditures</b>                                 | <b>590.9</b>   | <b>567.6</b>   | <b>591.7</b>   | <b>590.5</b>   | <b>571.1</b>   | <b>617.0</b>   | <b>685.3</b>   | <b>754.3</b>   | <b>1,111.8</b> | <b>1,119.7</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (3.1)          | (80.2)         | (90.0)         | (54.9)         | (23.5)         | (23.0)         | (28.0)         | (59.0)         | (131.2)        | (98.4)         |
| <b>Net expenditures</b>                                   | <b>587.8</b>   | <b>487.3</b>   | <b>501.7</b>   | <b>535.6</b>   | <b>547.6</b>   | <b>594.0</b>   | <b>657.3</b>   | <b>695.3</b>   | <b>980.6</b>   | <b>1,021.3</b> |
| <b>Alberta</b>                                            |                |                |                |                |                |                |                |                |                |                |
| Operating                                                 | 547.0          | 488.8          | 475.0          | 520.9          | 598.3          | 640.8          | 661.9          | 591.3          | 609.7          | 652.6          |
| Capital                                                   | 1,374.6        | 1,349.1        | 1,235.8        | 1,298.3        | 1,198.9        | 1,034.5        | 1,127.4        | 1,432.2        | 904.2          | 1,108.2        |
| <b>Operating and capital</b>                              | <b>1,921.6</b> | <b>1,837.9</b> | <b>1,710.8</b> | <b>1,819.2</b> | <b>1,797.2</b> | <b>1,675.3</b> | <b>1,789.2</b> | <b>2,023.5</b> | <b>1,513.9</b> | <b>1,760.7</b> |
| Transfer payments                                         | 0.0            | 1,279.7        | 866.1          | 665.0          | 656.0          | 476.6          | 221.7          | 214.1          | 221.5          | 308.5          |
| <b>Gross expenditures</b>                                 | <b>1,921.6</b> | <b>3,117.6</b> | <b>2,576.9</b> | <b>2,484.2</b> | <b>2,453.2</b> | <b>2,151.9</b> | <b>2,010.9</b> | <b>2,237.6</b> | <b>1,735.4</b> | <b>2,069.2</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (37.0)         | (306.9)        | (577.2)        | (417.5)        | (342.9)        | (204.1)        | (286.5)        | (232.6)        | (268.1)        | (323.4)        |
| <b>Net expenditures</b>                                   | <b>1,884.6</b> | <b>2,810.7</b> | <b>1,999.7</b> | <b>2,066.7</b> | <b>2,110.3</b> | <b>1,947.8</b> | <b>1,724.5</b> | <b>2,005.0</b> | <b>1,467.3</b> | <b>1,745.8</b> |

Table G6 continues on the next page

**Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2008/09–2017/18 (continued)**

|                                                         | (Millions of dollars) |                 |                 |                 |                 |                 |                 |                 |                 |                 |
|---------------------------------------------------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                                         | 2008/09               | 2009/10         | 2010/11         | 2011/12         | 2012/13         | 2013/14         | 2014/15         | 2015/16         | 2016/17         | 2017/18         |
| <b>British Columbia</b>                                 |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                               | 779.2                 | 804.8           | 930.5           | 759.5           | 715.5           | 714.3           | 903.0           | 837.0           | 808.0           | 896.0           |
| Capital                                                 | 885.0                 | 923.1           | 1,084.7         | 925.3           | 1,008.9         | 1,020.0         | 826.0           | 873.0           | 827.6           | 711.0           |
| <b>Operating and capital</b>                            | <b>1,664.2</b>        | <b>1,727.9</b>  | <b>2,015.2</b>  | <b>1,684.8</b>  | <b>1,724.4</b>  | <b>1,734.3</b>  | <b>1,729.0</b>  | <b>1,710.0</b>  | <b>1,635.6</b>  | <b>1,607.0</b>  |
| Transfer payments                                       | 42.6                  | 25.2            | 19.6            | 19.5            | 37.4            | 19.4            | 24.9            | 77.5            | 56.8            | 84.0            |
| <b>Gross expenditures</b>                               | <b>1,706.8</b>        | <b>1,753.1</b>  | <b>2,034.8</b>  | <b>1,704.3</b>  | <b>1,761.8</b>  | <b>1,753.7</b>  | <b>1,753.9</b>  | <b>1,787.5</b>  | <b>1,692.4</b>  | <b>1,691.0</b>  |
| Federal transfers to provinces/territories <sup>1</sup> | (177.5)               | (198.8)         | (296.9)         | (145.0)         | (146.4)         | (126.7)         | (93.0)          | (163.0)         | (112.0)         | (120.0)         |
| <b>Net expenditures</b>                                 | <b>1,529.3</b>        | <b>1,554.3</b>  | <b>1,737.9</b>  | <b>1,559.3</b>  | <b>1,615.4</b>  | <b>1,627.0</b>  | <b>1,660.9</b>  | <b>1,624.5</b>  | <b>1,580.4</b>  | <b>1,571.0</b>  |
| <b>Yukon</b>                                            |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                               | 39.8                  | 40.1            | 39.4            | 41.5            | 44.3            | 48.7            | 50.3            | 53.1            | 52.9            | 52.3            |
| Capital                                                 | 53.3                  | 54.5            | 45.9            | 44.8            | 54.0            | 43.2            | 48.8            | 51.5            | 49.1            | 52.4            |
| <b>Operating and capital</b>                            | <b>93.1</b>           | <b>94.5</b>     | <b>85.3</b>     | <b>86.3</b>     | <b>98.3</b>     | <b>91.9</b>     | <b>99.1</b>     | <b>104.6</b>    | <b>102.0</b>    | <b>104.7</b>    |
| Transfer payments                                       | 0.1                   | 0.0             | 0.0             | 0.0             | 0.0             | 1.0             | 0.4             | 0.4             | 0.5             | 0.8             |
| <b>Gross expenditures</b>                               | <b>93.2</b>           | <b>94.6</b>     | <b>85.3</b>     | <b>86.3</b>     | <b>98.4</b>     | <b>92.9</b>     | <b>99.4</b>     | <b>105.0</b>    | <b>102.5</b>    | <b>105.6</b>    |
| Federal transfers to provinces/territories <sup>1</sup> | (1.1)                 | (8.9)           | (13.2)          | (8.3)           | (7.8)           | (5.6)           | (14.1)          | (13.3)          | (19.1)          | (27.1)          |
| <b>Net expenditures</b>                                 | <b>92.0</b>           | <b>85.7</b>     | <b>72.1</b>     | <b>78.1</b>     | <b>90.5</b>     | <b>87.3</b>     | <b>85.3</b>     | <b>91.8</b>     | <b>83.4</b>     | <b>78.5</b>     |
| <b>Northwest Territories</b>                            |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                               | 30.7                  | 33.5            | 59.9            | 67.4            | 79.0            | 71.3            | 73.5            | 77.1            | 77.3            | 80.3            |
| Capital                                                 | 37.6                  | 61.0            | 207.3           | 76.3            | 77.6            | 116.2           | 133.4           | 112.3           | 83.4            | 90.3            |
| <b>Operating and capital</b>                            | <b>68.3</b>           | <b>94.5</b>     | <b>267.2</b>    | <b>143.7</b>    | <b>156.6</b>    | <b>187.4</b>    | <b>206.9</b>    | <b>189.3</b>    | <b>160.7</b>    | <b>170.6</b>    |
| Transfer payments                                       | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 19.1            | 80.6            | 80.0            | 65.1            | 0.0             |
| <b>Gross expenditures</b>                               | <b>68.3</b>           | <b>94.5</b>     | <b>267.2</b>    | <b>143.7</b>    | <b>156.6</b>    | <b>206.5</b>    | <b>287.5</b>    | <b>269.4</b>    | <b>225.8</b>    | <b>170.6</b>    |
| Federal transfers to provinces/territories <sup>1</sup> | (16.9)                | (3.7)           | (42.4)          | (22.4)          | (39.7)          | (19.1)          | (80.6)          | (80.0)          | (65.1)          | (55.0)          |
| <b>Net expenditures</b>                                 | <b>51.4</b>           | <b>90.8</b>     | <b>224.8</b>    | <b>121.3</b>    | <b>116.9</b>    | <b>187.4</b>    | <b>206.9</b>    | <b>189.3</b>    | <b>160.7</b>    | <b>115.6</b>    |
| <b>Nunavut</b>                                          |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                               | 0.3                   | 0.5             | 0.7             | 2.9             | 2.2             | 2.3             | 2.6             | 2.7             | 3.0             | 6.7             |
| Capital                                                 | 1.3                   | 0.4             | 0.5             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 2.7             | 2.8             |
| <b>Operating and capital</b>                            | <b>1.6</b>            | <b>0.9</b>      | <b>1.2</b>      | <b>2.9</b>      | <b>2.2</b>      | <b>2.3</b>      | <b>2.6</b>      | <b>2.7</b>      | <b>5.7</b>      | <b>9.5</b>      |
| Transfer payments                                       | 0.0                   | 0.0             | 1.3             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.8             |
| <b>Gross expenditures</b>                               | <b>1.6</b>            | <b>0.9</b>      | <b>2.6</b>      | <b>2.9</b>      | <b>2.2</b>      | <b>2.3</b>      | <b>2.6</b>      | <b>2.7</b>      | <b>5.7</b>      | <b>10.3</b>     |
| Federal transfers to provinces/territories <sup>1</sup> | 0.0                   | 0.0             | (1.3)           | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| <b>Net expenditures</b>                                 | <b>1.6</b>            | <b>0.9</b>      | <b>1.3</b>      | <b>2.9</b>      | <b>2.2</b>      | <b>2.3</b>      | <b>2.6</b>      | <b>2.7</b>      | <b>5.7</b>      | <b>10.3</b>     |
| <b>Total (all provinces/territories)</b>                |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                               | 4,867.6               | 3,607.1         | 3,741.2         | 3,866.4         | 3,904.5         | 6,121.7         | 6,509.3         | 6,978.7         | 6,337.5         | 7,404.5         |
| Capital                                                 | 8,628.7               | 7,516.2         | 8,231.0         | 7,911.3         | 8,171.9         | 7,849.2         | 7,382.6         | 9,946.2         | 10,023.4        | 9,973.7         |
| <b>Operating and capital</b>                            | <b>13,496.3</b>       | <b>11,123.3</b> | <b>11,972.1</b> | <b>11,777.7</b> | <b>12,076.4</b> | <b>13,970.8</b> | <b>13,891.9</b> | <b>16,925.0</b> | <b>16,361.0</b> | <b>17,378.2</b> |
| Transfer payments                                       | 477.6                 | 1,644.6         | 1,210.0         | 935.9           | 902.4           | 823.6           | 680.5           | 531.1           | 511.5           | 542.8           |
| <b>Gross expenditures</b>                               | <b>13,973.8</b>       | <b>12,767.8</b> | <b>13,182.2</b> | <b>12,713.6</b> | <b>12,978.8</b> | <b>14,794.4</b> | <b>14,572.5</b> | <b>17,456.1</b> | <b>16,872.5</b> | <b>17,921.0</b> |
| Federal transfers to provinces/territories <sup>1</sup> | (343.9)               | (730.1)         | (1,242.2)       | (856.4)         | (1,004.0)       | (646.6)         | (742.9)         | (791.0)         | (889.0)         | (1,016.1)       |
| <b>Net expenditures</b>                                 | <b>13,629.9</b>       | <b>12,037.7</b> | <b>11,939.9</b> | <b>11,857.2</b> | <b>11,974.8</b> | <b>14,147.8</b> | <b>13,829.6</b> | <b>16,665.1</b> | <b>15,983.5</b> | <b>16,904.8</b> |
| <b>TRANSIT</b>                                          |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| <b>Prince Edward Island</b>                             |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                               | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 0.1             | 0.1             | 0.1             | 0.7             | 0.4             |
| Transfer payments                                       | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.4             | 0.2             |
| <b>Gross expenditures</b>                               | <b>0.0</b>            | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>0.1</b>      | <b>0.1</b>      | <b>0.1</b>      | <b>1.1</b>      | <b>0.6</b>      |
| Federal transfers to provinces/territories <sup>1</sup> | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | (0.4)           | 0.0             |
| <b>Net expenditures</b>                                 | <b>0.0</b>            | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>0.1</b>      | <b>0.1</b>      | <b>0.1</b>      | <b>0.7</b>      | <b>0.6</b>      |
| <b>New Brunswick</b>                                    |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Federal transfers to provinces/territories <sup>1</sup> | 0.0                   | 0.0             | (35.7)          | (58.3)          | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             |
| <b>Net expenditures</b>                                 | <b>0.0</b>            | <b>0.0</b>      | <b>(35.7)</b>   | <b>(58.3)</b>   | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      |
| <b>Quebec</b>                                           |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                               | 0.0                   | 0.0             | 0.0             | 0.0             | 1,603.1         | 1,922.9         | 1,696.3         | 2,309.9         | 2,906.6         | 2,993.9         |
| Capital                                                 | 0.0                   | 0.0             | 0.0             | 0.0             | 475.3           | 707.5           | 684.4           | 787.1           | 1,145.3         | 1,890.4         |
| <b>Operating and capital</b>                            | <b>0.0</b>            | <b>0.0</b>      | <b>0.0</b>      | <b>0.0</b>      | <b>2,078.4</b>  | <b>2,630.4</b>  | <b>2,380.7</b>  | <b>3,097.0</b>  | <b>4,051.9</b>  | <b>4,884.3</b>  |
| Transfer payments                                       | 339.2                 | 439.5           | 486.2           | 510.1           | 552.9           | 600.5           | 787.7           | 828.8           | 885.1           | 0.0             |
| <b>Gross expenditures</b>                               | <b>339.2</b>          | <b>439.5</b>    | <b>486.2</b>    | <b>510.1</b>    | <b>2,631.3</b>  | <b>3,230.9</b>  | <b>3,168.4</b>  | <b>3,925.8</b>  | <b>4,937.0</b>  | <b>4,884.3</b>  |
| Federal transfers to provinces/territories <sup>1</sup> | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | (54.9)          | (78.0)          | (31.5)          | (59.5)          |
| <b>Net expenditures</b>                                 | <b>339.2</b>          | <b>439.5</b>    | <b>486.2</b>    | <b>510.1</b>    | <b>2,631.3</b>  | <b>3,230.9</b>  | <b>3,113.5</b>  | <b>3,847.8</b>  | <b>4,905.5</b>  | <b>4,824.8</b>  |
| <b>Ontario</b>                                          |                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                               | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 3.4             |
| Transfer payments                                       | 878.6                 | 1,099.1         | 1,062.3         | 1,129.1         | 2,476.0         | 2,504.9         | 2,868.2         | 3,450.9         | 3,485.3         | 4,191.1         |
| <b>Gross expenditures</b>                               | <b>878.6</b>          | <b>1,099.1</b>  | <b>1,062.3</b>  | <b>1,129.1</b>  | <b>2,476.0</b>  | <b>2,504.9</b>  | <b>2,868.2</b>  | <b>3,450.9</b>  | <b>3,485.3</b>  | <b>4,194.5</b>  |
| Federal transfers to provinces/territories <sup>1</sup> | 0.0                   | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | (1,659.7)       | (1,625.7)       | (2,017.8)       |
| <b>Net expenditures</b>                                 | <b>878.6</b>          | <b>1,099.1</b>  | <b>1,062.3</b>  | <b>1,129.1</b>  | <b>2,476.0</b>  | <b>2,504.9</b>  | <b>2,868.2</b>  | <b>1,791.2</b>  | <b>1,859.6</b>  | <b>2,176.7</b>  |

Table G6 continues on the next page

|                                                           | 2008/09        | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14        | 2014/15        | 2015/16        | 2016/17        | 2017/18         |
|-----------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| <b>Manitoba</b>                                           |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 0.0            | 0.0            | 27.1           | 32.7           | 25.8           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| Capital                                                   | 0.0            | 0.0            | 7.0            | 9.6            | 17.5           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| <b>Operating and capital</b>                              | <b>0.0</b>     | <b>0.0</b>     | <b>34.1</b>    | <b>42.3</b>    | <b>43.3</b>    | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>      |
| Transfer payments                                         | 53.4           | 36.9           | 0.0            | 2.2            | 3.0            | 48.2           | 40.9           | 50.5           | 52.6           | 1.3             |
| <b>Gross expenditures</b>                                 | <b>53.4</b>    | <b>36.9</b>    | <b>34.1</b>    | <b>44.5</b>    | <b>46.3</b>    | <b>48.2</b>    | <b>40.9</b>    | <b>50.5</b>    | <b>52.6</b>    | <b>1.3</b>      |
| Federal transfers to provinces/territories <sup>1,2</sup> | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | (16.4)         | (1.5)          | (5.6)          | (5.9)          | (9.3)           |
| <b>Net expenditures</b>                                   | <b>53.4</b>    | <b>36.9</b>    | <b>34.1</b>    | <b>44.5</b>    | <b>46.3</b>    | <b>31.8</b>    | <b>39.4</b>    | <b>44.9</b>    | <b>46.7</b>    | <b>(8.0)</b>    |
| <b>Alberta</b>                                            |                |                |                |                |                |                |                |                |                |                 |
| Transfer payments                                         | 361.3          | 0.0            | 70.0           | 199.9          | 93.2           | 216.0          | 208.5          | 215.1          | 103.9          | 824.9           |
| <b>Net expenditures</b>                                   | <b>361.3</b>   | <b>0.0</b>     | <b>70.0</b>    | <b>199.9</b>   | <b>93.2</b>    | <b>216.0</b>   | <b>208.5</b>   | <b>215.1</b>   | <b>103.9</b>   | <b>824.9</b>    |
| <b>British Columbia</b>                                   |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 84.0           | 69.0           | 147.0          | 96.0           | 209.7          | 299.9          | 328.0          | 287.4          | 212.3          | 74.8            |
| Transfer payments                                         | 230.0          | 292.0          | 297.0          | 299.0          | 176.9          | 176.1          | 169.8          | 164.9          | 205.9          | 222.5           |
| <b>Net expenditures</b>                                   | <b>314.0</b>   | <b>361.0</b>   | <b>444.0</b>   | <b>395.0</b>   | <b>386.6</b>   | <b>476.0</b>   | <b>497.8</b>   | <b>452.3</b>   | <b>418.2</b>   | <b>297.3</b>    |
| <b>Yukon</b>                                              |                |                |                |                |                |                |                |                |                |                 |
| Capital                                                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.1            | 0.1            | 0.4             |
| Transfer payments                                         | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.1            | 0.1            | 0.1            | 0.1             |
| <b>Net expenditures</b>                                   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.2</b>     | <b>0.2</b>     | <b>0.2</b>     | <b>0.6</b>      |
| <b>Nunavut</b>                                            |                |                |                |                |                |                |                |                |                |                 |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0            | 0.0            | (15.0)         | (15.0)         | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| <b>Net expenditures</b>                                   | <b>0.0</b>     | <b>0.0</b>     | <b>(15.0)</b>  | <b>(15.0)</b>  | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>      |
| <b>Total (all provinces/territories)</b>                  |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 84.0           | 69.0           | 174.1          | 128.7          | 1,838.6        | 2,222.9        | 2,024.4        | 2,597.4        | 3,119.6        | 3,072.5         |
| Capital                                                   | 0.0            | 0.0            | 7.0            | 9.6            | 492.8          | 707.5          | 684.5          | 787.2          | 1,145.4        | 1,890.8         |
| <b>Operating and capital</b>                              | <b>84.0</b>    | <b>69.0</b>    | <b>181.1</b>   | <b>138.3</b>   | <b>2,331.4</b> | <b>2,930.4</b> | <b>2,708.9</b> | <b>3,384.6</b> | <b>4,265.0</b> | <b>4,963.3</b>  |
| Transfer payments                                         | 1,862.5        | 1,867.5        | 1,915.5        | 2,140.3        | 3,301.9        | 3,545.7        | 4,075.2        | 4,710.3        | 4,733.3        | 5,240.1         |
| <b>Gross expenditures</b>                                 | <b>1,946.5</b> | <b>1,936.5</b> | <b>2,096.6</b> | <b>2,278.6</b> | <b>5,633.3</b> | <b>6,476.1</b> | <b>6,784.1</b> | <b>8,094.9</b> | <b>8,998.3</b> | <b>10,203.4</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0            | 0.0            | (50.7)         | (73.3)         | 0.0            | (16.4)         | (56.4)         | (1,743.3)      | (1,663.5)      | (2,086.6)       |
| <b>Net expenditures</b>                                   | <b>1,946.5</b> | <b>1,936.5</b> | <b>2,045.9</b> | <b>2,205.3</b> | <b>5,633.3</b> | <b>6,459.7</b> | <b>6,727.7</b> | <b>6,351.6</b> | <b>7,334.8</b> | <b>8,116.8</b>  |
| <b>OTHER MODES</b>                                        |                |                |                |                |                |                |                |                |                |                 |
| <b>Prince Edward Island</b>                               |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 0.2            | 0.1            | 0.2            | 0.1            | 0.1            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| Capital                                                   | 0.2            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| <b>Net expenditures</b>                                   | <b>0.4</b>     | <b>0.1</b>     | <b>0.2</b>     | <b>0.1</b>     | <b>0.1</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>      |
| <b>Quebec</b>                                             |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 124.4          | 114.5          | 99.1           | 128.6          | 119.6          | 113.4          | 113.4          | 0.0            | 0.0            | 0.0             |
| Transfer payments                                         | 36.8           | 39.1           | 34.4           | 22.0           | 27.1           | 30.2           | 30.2           | 0.0            | 0.0            | 0.0             |
| <b>Net expenditures</b>                                   | <b>161.2</b>   | <b>153.6</b>   | <b>133.5</b>   | <b>150.5</b>   | <b>146.7</b>   | <b>143.6</b>   | <b>143.6</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>      |
| <b>Ontario</b>                                            |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 140.1          | 133.8          | 138.5          | 134.9          | 141.9          | 133.4          | 133.0          | 154.7          | 142.6          | 138.9           |
| Capital                                                   | 0.0            | 0.5            | 2.9            | 4.0            | 0.3            | 0.6            | 0.6            | 10.7           | 16.3           | 16.4            |
| <b>Net expenditures</b>                                   | <b>140.1</b>   | <b>134.3</b>   | <b>141.4</b>   | <b>138.9</b>   | <b>142.2</b>   | <b>134.0</b>   | <b>133.6</b>   | <b>165.4</b>   | <b>158.9</b>   | <b>155.3</b>    |
| <b>Manitoba</b>                                           |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 3.5            | 0.6            | 2.5            | 2.4            | 74.4           | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| Capital                                                   | 0.0            | 0.0            | 0.0            | 0.0            | 9.8            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| <b>Operating and capital</b>                              | <b>3.5</b>     | <b>0.6</b>     | <b>2.5</b>     | <b>2.4</b>     | <b>84.1</b>    | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>      |
| Transfer payments                                         | 0.2            | 0.2            | 4.2            | 4.5            | 0.0            | 27.9           | 27.9           | 27.9           | 29.4           | 0.0             |
| <b>Gross expenditures</b>                                 | <b>3.7</b>     | <b>0.8</b>     | <b>6.7</b>     | <b>6.9</b>     | <b>84.1</b>    | <b>27.9</b>    | <b>27.9</b>    | <b>27.9</b>    | <b>29.4</b>    | <b>0.0</b>      |
| Federal transfers to provinces/territories <sup>1,2</sup> | 0.0            | 0.0            | 0.0            | 0.0            | (5.7)          | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| <b>Net expenditures</b>                                   | <b>3.7</b>     | <b>0.8</b>     | <b>6.7</b>     | <b>6.9</b>     | <b>78.4</b>    | <b>27.9</b>    | <b>27.9</b>    | <b>27.9</b>    | <b>29.4</b>    | <b>0.0</b>      |
| <b>Saskatchewan</b>                                       |                |                |                |                |                |                |                |                |                |                 |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0            | 0.0            | 0.0            | (0.1)          | 0.0            | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| <b>Net expenditures</b>                                   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>(0.1)</b>   | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>     | <b>0.0</b>      |
| <b>Alberta</b>                                            |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 33.8           | 26.7           | 25.1           | 27.0           | 27.1           | 29.1           | 26.4           | 31.4           | 31.0           | 11.6            |
| Capital                                                   | 9.4            | 10.4           | 8.6            | 9.6            | 10.1           | 4.2            | 4.6            | 3.8            | 4.3            | 0.2             |
| <b>Net expenditures</b>                                   | <b>43.2</b>    | <b>37.2</b>    | <b>33.7</b>    | <b>36.6</b>    | <b>37.2</b>    | <b>33.3</b>    | <b>31.0</b>    | <b>35.1</b>    | <b>35.3</b>    | <b>11.7</b>     |
| <b>Northwest Territories</b>                              |                |                |                |                |                |                |                |                |                |                 |
| Operating                                                 | 14.7           | 14.1           | 16.4           | 15.4           | 13.9           | 11.1           | 13.1           | 11.8           | 11.1           | 12.8            |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0            | 0.0            | 0.0            | (0.8)          | (0.2)          | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             |
| <b>Net expenditures</b>                                   | <b>14.7</b>    | <b>14.1</b>    | <b>16.4</b>    | <b>14.6</b>    | <b>13.7</b>    | <b>11.1</b>    | <b>13.1</b>    | <b>11.8</b>    | <b>11.1</b>    | <b>12.8</b>     |

Table G6 continues on the next page

**Table G6: Detailed Provincial/Territorial Expenditures by Mode and by Province/Territory, 2008/09–2017/18 (continued)**

|                                                           | (Millions of dollars) |                |                |                |                |                 |                |                 |                 |                 |
|-----------------------------------------------------------|-----------------------|----------------|----------------|----------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|
|                                                           | 2008/09               | 2009/10        | 2010/11        | 2011/12        | 2012/13        | 2013/14         | 2014/15        | 2015/16         | 2016/17         | 2017/18         |
| <b>Total (all provinces/territories)</b>                  |                       |                |                |                |                |                 |                |                 |                 |                 |
| Operating                                                 | 316.7                 | 289.8          | 281.8          | 308.4          | 376.9          | 287.0           | 285.9          | 197.9           | 184.7           | 163.3           |
| Capital                                                   | 9.6                   | 10.9           | 11.5           | 13.6           | 20.2           | 4.8             | 5.2            | 14.5            | 20.6            | 16.6            |
| <b>Operating and capital</b>                              | <b>326.3</b>          | <b>300.8</b>   | <b>293.3</b>   | <b>322.1</b>   | <b>397.1</b>   | <b>291.8</b>    | <b>291.1</b>   | <b>212.3</b>    | <b>205.3</b>    | <b>179.8</b>    |
| Transfer payments                                         | 37.0                  | 39.3           | 38.6           | 26.5           | 27.1           | 58.1            | 58.1           | 27.9            | 29.4            | 0.0             |
| <b>Gross expenditures</b>                                 | <b>363.3</b>          | <b>340.1</b>   | <b>331.9</b>   | <b>348.5</b>   | <b>424.2</b>   | <b>349.9</b>    | <b>349.2</b>   | <b>240.2</b>    | <b>234.7</b>    | <b>179.8</b>    |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0                   | 0.0            | 0.0            | (0.9)          | (5.9)          | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             |
| <b>Net expenditures</b>                                   | <b>363.3</b>          | <b>340.1</b>   | <b>331.9</b>   | <b>347.6</b>   | <b>418.3</b>   | <b>349.9</b>    | <b>349.2</b>   | <b>240.2</b>    | <b>234.7</b>    | <b>179.8</b>    |
| <b>TOTAL (ALL MODES)</b>                                  |                       |                |                |                |                |                 |                |                 |                 |                 |
| <b>Newfoundland and Labrador</b>                          |                       |                |                |                |                |                 |                |                 |                 |                 |
| Operating                                                 | 289.9                 | 288.7          | 292.6          | 300.7          | 268.2          | 268.2           | 251.8          | 287.3           | 274.6           | 245.5           |
| Capital                                                   | 83.4                  | 155.9          | 218.9          | 175.4          | 126.2          | 126.2           | 171.7          | 131.4           | 44.8            | 120.5           |
| <b>Operating and capital</b>                              | <b>373.3</b>          | <b>444.6</b>   | <b>511.5</b>   | <b>476.1</b>   | <b>394.4</b>   | <b>394.4</b>    | <b>423.5</b>   | <b>418.7</b>    | <b>319.4</b>    | <b>366.0</b>    |
| Transfer payments                                         | 35.9                  | 0.3            | 0.7            | 0.2            | 1.2            | 1.2             | 0.0            | 0.0             | 0.0             | 0.0             |
| <b>Gross expenditures</b>                                 | <b>409.2</b>          | <b>444.9</b>   | <b>512.2</b>   | <b>476.3</b>   | <b>395.6</b>   | <b>395.6</b>    | <b>423.5</b>   | <b>418.7</b>    | <b>319.4</b>    | <b>366.0</b>    |
| Federal transfers to provinces/territories <sup>1</sup>   | (39.9)                | (60.1)         | (37.8)         | (30.1)         | (18.5)         | (18.5)          | (5.9)          | (13.3)          | (59.2)          | (31.8)          |
| <b>Net expenditures</b>                                   | <b>369.3</b>          | <b>384.8</b>   | <b>474.4</b>   | <b>446.2</b>   | <b>377.1</b>   | <b>377.1</b>    | <b>417.6</b>   | <b>405.4</b>    | <b>260.2</b>    | <b>334.2</b>    |
| <b>Prince Edward Island</b>                               |                       |                |                |                |                |                 |                |                 |                 |                 |
| Operating                                                 | 70.3                  | 65.7           | 62.2           | 88.4           | 82.4           | 69.8            | 76.4           | 70.4            | 69.0            | 70.8            |
| Capital                                                   | 35.5                  | 58.9           | 59.6           | 38.7           | 39.3           | 39.0            | 38.5           | 49.0            | 39.2            | 49.0            |
| <b>Operating and capital</b>                              | <b>105.8</b>          | <b>124.6</b>   | <b>121.8</b>   | <b>127.1</b>   | <b>121.7</b>   | <b>108.8</b>    | <b>114.9</b>   | <b>119.4</b>    | <b>108.2</b>    | <b>119.8</b>    |
| Transfer payments                                         | 8.2                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0            | 0.0             | 0.4             | 0.2             |
| <b>Gross expenditures</b>                                 | <b>114.0</b>          | <b>124.6</b>   | <b>121.8</b>   | <b>127.1</b>   | <b>121.7</b>   | <b>108.8</b>    | <b>114.9</b>   | <b>119.4</b>    | <b>108.6</b>    | <b>120.0</b>    |
| Federal transfers to provinces/territories <sup>1</sup>   | (0.4)                 | (0.3)          | (5.8)          | (4.6)          | (3.1)          | (10.0)          | (9.1)          | (9.1)           | (14.1)          | (22.3)          |
| <b>Net expenditures</b>                                   | <b>113.6</b>          | <b>124.3</b>   | <b>116.0</b>   | <b>122.5</b>   | <b>118.6</b>   | <b>98.8</b>     | <b>105.8</b>   | <b>110.3</b>    | <b>94.5</b>     | <b>97.7</b>     |
| <b>Nova Scotia</b>                                        |                       |                |                |                |                |                 |                |                 |                 |                 |
| Operating                                                 | 205.5                 | 184.9          | 220.3          | 344.3          | 352.2          | 374.9           | 397.8          | 378.9           | 398.3           | 390.1           |
| Capital                                                   | 188.2                 | 236.0          | 300.0          | 258.2          | 251.3          | 249.8           | 233.7          | 225.9           | 225.6           | 213.6           |
| <b>Operating and capital</b>                              | <b>393.7</b>          | <b>420.9</b>   | <b>520.3</b>   | <b>602.5</b>   | <b>603.5</b>   | <b>624.6</b>    | <b>631.5</b>   | <b>604.7</b>    | <b>623.9</b>    | <b>603.7</b>    |
| Transfer payments                                         | 14.4                  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             |
| <b>Gross expenditures</b>                                 | <b>408.1</b>          | <b>420.9</b>   | <b>520.3</b>   | <b>602.5</b>   | <b>603.5</b>   | <b>624.6</b>    | <b>631.5</b>   | <b>604.7</b>    | <b>623.9</b>    | <b>603.7</b>    |
| Federal transfers to provinces/territories <sup>1</sup>   | 0.0                   | 0.0            | 0.0            | (19.4)         | (20.5)         | (18.9)          | (22.5)         | (32.0)          | (23.7)          | (16.2)          |
| <b>Net expenditures</b>                                   | <b>408.1</b>          | <b>420.9</b>   | <b>520.3</b>   | <b>583.1</b>   | <b>583.0</b>   | <b>605.7</b>    | <b>609.0</b>   | <b>572.7</b>    | <b>600.2</b>    | <b>587.5</b>    |
| <b>New Brunswick</b>                                      |                       |                |                |                |                |                 |                |                 |                 |                 |
| Operating                                                 | 205.1                 | 189.2          | 171.8          | 175.0          | 175.6          | 151.6           | 160.2          | 149.5           | 152.4           | 166.8           |
| Capital                                                   | 318.9                 | 370.6          | 457.4          | 266.8          | 724.9          | 240.3           | 251.0          | 357.0           | 362.9           | 375.9           |
| <b>Operating and capital</b>                              | <b>524.0</b>          | <b>559.8</b>   | <b>629.2</b>   | <b>441.8</b>   | <b>900.5</b>   | <b>391.9</b>    | <b>411.2</b>   | <b>506.5</b>    | <b>515.3</b>    | <b>542.7</b>    |
| Transfer payments                                         | 9.0                   | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             |
| <b>Gross expenditures</b>                                 | <b>533.0</b>          | <b>559.8</b>   | <b>629.2</b>   | <b>441.8</b>   | <b>900.5</b>   | <b>391.9</b>    | <b>411.2</b>   | <b>506.5</b>    | <b>515.3</b>    | <b>542.7</b>    |
| Federal transfers to provinces/territories <sup>1</sup>   | (39.2)                | (49.7)         | (90.4)         | (103.7)        | (221.3)        | (16.9)          | (7.8)          | (18.4)          | (13.6)          | (27.0)          |
| <b>Net expenditures</b>                                   | <b>493.8</b>          | <b>510.1</b>   | <b>538.8</b>   | <b>338.1</b>   | <b>679.2</b>   | <b>375.0</b>    | <b>403.4</b>   | <b>488.1</b>    | <b>501.7</b>    | <b>515.7</b>    |
| <b>Quebec</b>                                             |                       |                |                |                |                |                 |                |                 |                 |                 |
| Operating                                                 | 2,017.9               | 844.9          | 879.8          | 1,057.8        | 2,701.0        | 5,174.7         | 5,059.8        | 6,243.7         | 6,113.0         | 7,158.9         |
| Capital                                                   | 2,734.6               | 3,055.0        | 3,369.1        | 3,455.2        | 3,666.4        | 3,987.4         | 3,513.9        | 3,256.7         | 4,331.9         | 4,720.7         |
| <b>Operating and capital</b>                              | <b>4,752.5</b>        | <b>3,900.0</b> | <b>4,249.0</b> | <b>4,512.9</b> | <b>6,367.4</b> | <b>9,162.1</b>  | <b>8,573.7</b> | <b>9,500.4</b>  | <b>10,444.9</b> | <b>11,879.6</b> |
| Transfer payments                                         | 582.6                 | 706.4          | 745.8          | 746.1          | 733.2          | 843.7           | 1,030.9        | 828.8           | 885.1           | 0.0             |
| <b>Gross expenditures</b>                                 | <b>5,335.1</b>        | <b>4,606.3</b> | <b>4,994.8</b> | <b>5,259.0</b> | <b>7,100.5</b> | <b>10,005.8</b> | <b>9,604.6</b> | <b>10,329.2</b> | <b>11,330.0</b> | <b>11,879.6</b> |
| Federal transfers to provinces/territories <sup>1</sup>   | (10.3)                | (16.8)         | (84.3)         | (80.9)         | (119.8)        | (107.0)         | (137.4)        | (143.5)         | (81.3)          | (292.5)         |
| <b>Net expenditures</b>                                   | <b>5,324.8</b>        | <b>4,589.5</b> | <b>4,910.5</b> | <b>5,178.1</b> | <b>6,980.8</b> | <b>9,898.8</b>  | <b>9,467.2</b> | <b>10,185.7</b> | <b>11,248.7</b> | <b>11,587.1</b> |
| <b>Ontario</b>                                            |                       |                |                |                |                |                 |                |                 |                 |                 |
| Operating                                                 | 655.1                 | 623.9          | 624.6          | 607.7          | 632.6          | 630.6           | 653.4          | 694.5           | 717.6           | 771.9           |
| Capital                                                   | 2,489.9               | 687.5          | 733.4          | 798.9          | 935.4          | 1,054.8         | 991.1          | 3,314.2         | 2,998.8         | 3,212.3         |
| <b>Operating and capital</b>                              | <b>3,145.0</b>        | <b>1,311.4</b> | <b>1,358.0</b> | <b>1,406.6</b> | <b>1,568.0</b> | <b>1,685.4</b>  | <b>1,644.5</b> | <b>4,008.7</b>  | <b>3,716.4</b>  | <b>3,984.2</b>  |
| Transfer payments                                         | 939.0                 | 1,210.0        | 1,163.3        | 1,234.6        | 2,596.4        | 2,645.3         | 3,002.6        | 3,588.8         | 3,653.7         | 43,26.9         |
| <b>Gross expenditures</b>                                 | <b>4,084.0</b>        | <b>2,521.4</b> | <b>2,521.3</b> | <b>2,641.2</b> | <b>4,164.4</b> | <b>4,330.7</b>  | <b>4,647.1</b> | <b>7,597.5</b>  | <b>7,370.1</b>  | <b>8,311.1</b>  |
| Federal transfers to provinces/territories <sup>1</sup>   | (22.1)                | (16.2)         | (43.0)         | (33.3)         | (33.4)         | (37.4)          | (35.0)         | (1,703.5)       | (1,692.7)       | (2,017.8)       |
| <b>Net expenditures</b>                                   | <b>4,061.9</b>        | <b>2,505.2</b> | <b>2,478.3</b> | <b>2,607.9</b> | <b>4,131.0</b> | <b>4,293.3</b>  | <b>4,612.1</b> | <b>5,894.0</b>  | <b>5,677.4</b>  | <b>6,293.3</b>  |
| <b>Manitoba</b>                                           |                       |                |                |                |                |                 |                |                 |                 |                 |
| Operating                                                 | 200.0                 | 206.2          | 187.5          | 209.3          | 278.8          | 206.2           | 217.1          | 211.9           | 236.1           | 229.6           |
| Capital                                                   | 226.5                 | 381.6          | 371.3          | 358.5          | 318.9          | 316.7           | 455.3          | 550.3           | 521.5           | 449.9           |
| <b>Operating and capital</b>                              | <b>426.5</b>          | <b>587.8</b>   | <b>558.8</b>   | <b>567.8</b>   | <b>597.8</b>   | <b>522.9</b>    | <b>672.4</b>   | <b>762.2</b>    | <b>757.6</b>    | <b>679.5</b>    |
| Transfer payments                                         | 114.3                 | 74.4           | 32.2           | 14.8           | 4.9            | 123.5           | 138.0          | 180.8           | 148.3           | 81.5            |
| <b>Gross expenditures</b>                                 | <b>540.8</b>          | <b>662.2</b>   | <b>591.0</b>   | <b>582.6</b>   | <b>602.7</b>   | <b>646.4</b>    | <b>810.4</b>   | <b>943.0</b>    | <b>905.9</b>    | <b>761.0</b>    |
| Federal transfers to provinces/territories <sup>1,2</sup> | (0.7)                 | 0.0            | 0.0            | 0.0            | (41.8)         | (89.3)          | (90.3)         | (83.8)          | (74.7)          | (81.4)          |
| <b>Net expenditures</b>                                   | <b>540.1</b>          | <b>662.2</b>   | <b>591.0</b>   | <b>582.6</b>   | <b>560.9</b>   | <b>557.1</b>    | <b>720.1</b>   | <b>859.2</b>    | <b>831.2</b>    | <b>679.6</b>    |

Table G6 continues on the next page

|                                                           | 2008/09         | 2009/10         | 2010/11         | 2011/12         | 2012/13         | 2013/14         | 2014/15         | 2015/16         | 2016/17         | 2017/18         |
|-----------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>Saskatchewan</b>                                       |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                                 | 255.8           | 254.8           | 226.6           | 275.5           | 241.3           | 240.4           | 265.2           | 236.6           | 243.8           | 211.9           |
| Capital                                                   | 215.4           | 260.2           | 302.8           | 295.9           | 299.3           | 349.3           | 391.6           | 517.4           | 851.5           | 887.5           |
| <b>Operating and capital</b>                              | <b>471.2</b>    | <b>515.0</b>    | <b>529.4</b>    | <b>571.5</b>    | <b>540.6</b>    | <b>589.7</b>    | <b>656.8</b>    | <b>754.0</b>    | <b>1,095.3</b>  | <b>1,099.4</b>  |
| Transfer payments                                         | 127.4           | 59.8            | 69.6            | 26.9            | 42.1            | 37.0            | 36.9            | 23.7            | 24.1            | 26.8            |
| <b>Gross expenditures</b>                                 | <b>598.7</b>    | <b>574.7</b>    | <b>599.0</b>    | <b>598.4</b>    | <b>582.6</b>    | <b>626.7</b>    | <b>693.7</b>    | <b>777.7</b>    | <b>1,119.4</b>  | <b>1,126.2</b>  |
| Federal transfers to provinces/territories <sup>1</sup>   | (3.1)           | (80.2)          | (90.0)          | (55.0)          | (23.5)          | (23.0)          | (28.0)          | (59.0)          | (131.2)         | (98.4)          |
| <b>Net expenditures</b>                                   | <b>595.6</b>    | <b>494.5</b>    | <b>509.0</b>    | <b>543.4</b>    | <b>559.1</b>    | <b>603.7</b>    | <b>665.7</b>    | <b>718.7</b>    | <b>988.2</b>    | <b>1,027.8</b>  |
| <b>Alberta</b>                                            |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                                 | 583.1           | 517.6           | 502.0           | 550.1           | 627.4           | 671.5           | 690.4           | 624.2           | 642.5           | 666.0           |
| Capital                                                   | 1,384.0         | 1,359.6         | 1,244.4         | 1,307.9         | 1,209.0         | 1,038.7         | 1,132.0         | 1,436.0         | 908.5           | 1,108.3         |
| <b>Operating and capital</b>                              | <b>1,967.1</b>  | <b>1,877.1</b>  | <b>1,746.5</b>  | <b>1,858.1</b>  | <b>1,836.4</b>  | <b>1,710.2</b>  | <b>1,822.3</b>  | <b>2,060.2</b>  | <b>1,551.0</b>  | <b>1,774.4</b>  |
| Transfer payments                                         | 363.3           | 1,283.0         | 938.5           | 865.9           | 751.8           | 694.2           | 430.2           | 429.3           | 325.4           | 1,133.3         |
| <b>Gross expenditures</b>                                 | <b>2,330.4</b>  | <b>3,160.1</b>  | <b>2,684.9</b>  | <b>2,724.0</b>  | <b>2,588.1</b>  | <b>2,404.4</b>  | <b>2,252.5</b>  | <b>2,489.5</b>  | <b>1,876.4</b>  | <b>2,907.7</b>  |
| Federal transfers to provinces/territories <sup>1</sup>   | (37.0)          | (306.9)         | (577.2)         | (417.5)         | (342.9)         | (204.1)         | (286.5)         | (232.6)         | (268.1)         | (323.4)         |
| <b>Net expenditures</b>                                   | <b>2,293.4</b>  | <b>2,853.2</b>  | <b>2,107.7</b>  | <b>2,306.5</b>  | <b>2,245.2</b>  | <b>2,200.3</b>  | <b>1,966.1</b>  | <b>2,256.9</b>  | <b>1,608.4</b>  | <b>2,584.2</b>  |
| <b>British Columbia</b>                                   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                                 | 882.2           | 892.8           | 1,096.5         | 876.2           | 946.5           | 1,035.0         | 1,253.6         | 1,149.0         | 1,045.9         | 997.6           |
| Capital                                                   | 885.0           | 923.1           | 1,084.7         | 925.3           | 1,008.9         | 1,020.0         | 826.0           | 873.0           | 827.6           | 711.0           |
| <b>Operating and capital</b>                              | <b>1,767.2</b>  | <b>1,815.9</b>  | <b>2,181.2</b>  | <b>1,801.5</b>  | <b>1,955.4</b>  | <b>2,055.0</b>  | <b>2,079.6</b>  | <b>2,022.0</b>  | <b>1,873.5</b>  | <b>1,708.6</b>  |
| Transfer payments                                         | 456.8           | 490.6           | 487.6           | 495.5           | 415.6           | 393.5           | 387.8           | 435.5           | 460.6           | 510.2           |
| <b>Gross expenditures</b>                                 | <b>2,224.0</b>  | <b>2,306.5</b>  | <b>2,668.8</b>  | <b>2,297.0</b>  | <b>2,371.0</b>  | <b>2,448.5</b>  | <b>2,467.4</b>  | <b>2,457.5</b>  | <b>2,334.1</b>  | <b>2,218.8</b>  |
| Federal transfers to provinces/territories <sup>1</sup>   | (203.8)         | (225.7)         | (323.8)         | (172.5)         | (174.5)         | (155.2)         | (121.4)         | (191.7)         | (141.1)         | (149.8)         |
| <b>Net expenditures</b>                                   | <b>2,020.2</b>  | <b>2,080.8</b>  | <b>2,345.0</b>  | <b>2,124.5</b>  | <b>2,196.5</b>  | <b>2,293.3</b>  | <b>2,346.0</b>  | <b>2,265.8</b>  | <b>2,193.0</b>  | <b>2,069.0</b>  |
| <b>Yukon</b>                                              |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                                 | 48.2            | 48.4            | 48.1            | 50.9            | 54.6            | 59.6            | 62.6            | 65.9            | 66.2            | 66.5            |
| Capital                                                   | 59.4            | 67.9            | 51.5            | 48.3            | 59.0            | 53.0            | 62.3            | 57.7            | 55.3            | 76.1            |
| <b>Operating and capital</b>                              | <b>107.6</b>    | <b>116.3</b>    | <b>99.6</b>     | <b>99.2</b>     | <b>113.5</b>    | <b>112.6</b>    | <b>124.9</b>    | <b>123.7</b>    | <b>121.5</b>    | <b>142.6</b>    |
| Transfer payments                                         | 0.1             | 0.0             | 0.0             | 0.0             | 0.0             | 1.0             | 0.5             | 0.5             | 0.7             | 1.0             |
| <b>Gross expenditures</b>                                 | <b>107.6</b>    | <b>116.3</b>    | <b>99.7</b>     | <b>99.3</b>     | <b>113.6</b>    | <b>113.5</b>    | <b>125.4</b>    | <b>124.2</b>    | <b>122.2</b>    | <b>143.6</b>    |
| Federal transfers to provinces/territories <sup>1</sup>   | (1.2)           | (13.9)          | (13.3)          | (8.5)           | (8.2)           | (5.7)           | (19.1)          | (15.1)          | (21.2)          | (29.0)          |
| <b>Net expenditures</b>                                   | <b>106.5</b>    | <b>102.4</b>    | <b>86.4</b>     | <b>90.8</b>     | <b>105.4</b>    | <b>107.9</b>    | <b>106.3</b>    | <b>109.1</b>    | <b>101.1</b>    | <b>114.6</b>    |
| <b>Northwest Territories</b>                              |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                                 | 68.4            | 70.8            | 104.6           | 112.8           | 114.1           | 120.1           | 120.7           | 127.6           | 123.6           | 130.5           |
| Capital                                                   | 56.8            | 94.1            | 248.2           | 97.7            | 90.9            | 121.5           | 140.4           | 115.7           | 88.1            | 96.4            |
| <b>Operating and capital</b>                              | <b>125.2</b>    | <b>164.9</b>    | <b>352.8</b>    | <b>210.4</b>    | <b>204.9</b>    | <b>241.6</b>    | <b>261.0</b>    | <b>243.3</b>    | <b>211.7</b>    | <b>226.9</b>    |
| Transfer payments                                         | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 19.3            | 88.0            | 81.6            | 66.1            | 0.0             |
| <b>Gross expenditures</b>                                 | <b>125.2</b>    | <b>164.9</b>    | <b>352.8</b>    | <b>210.4</b>    | <b>204.9</b>    | <b>260.9</b>    | <b>349.0</b>    | <b>324.9</b>    | <b>277.8</b>    | <b>226.9</b>    |
| Federal transfers to provinces/territories <sup>1</sup>   | (22.3)          | (4.5)           | (42.4)          | (23.5)          | (40.1)          | (19.3)          | (88.0)          | (81.6)          | (66.1)          | (58.4)          |
| <b>Net expenditures</b>                                   | <b>102.8</b>    | <b>160.4</b>    | <b>310.4</b>    | <b>186.9</b>    | <b>164.8</b>    | <b>241.6</b>    | <b>261.0</b>    | <b>243.3</b>    | <b>211.7</b>    | <b>168.5</b>    |
| <b>Nunavut</b>                                            |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                                 | 14.0            | 14.1            | 19.2            | 20.7            | 24.7            | 26.7            | 24.7            | 27.5            | 28.2            | 37.0            |
| Capital                                                   | 23.9            | 14.2            | 13.1            | 16.1            | 16.6            | 73.5            | 63.1            | 92.4            | 70.2            | 73.1            |
| <b>Operating and capital</b>                              | <b>37.8</b>     | <b>28.3</b>     | <b>32.3</b>     | <b>36.8</b>     | <b>41.3</b>     | <b>100.2</b>    | <b>87.8</b>     | <b>119.9</b>    | <b>98.4</b>     | <b>110.1</b>    |
| Transfer payments                                         | 8.0             | 4.9             | 7.8             | 2.4             | 18.5            | 23.5            | 3.4             | 6.7             | 0.0             | 6.9             |
| <b>Gross expenditures</b>                                 | <b>45.8</b>     | <b>33.2</b>     | <b>40.1</b>     | <b>39.2</b>     | <b>59.8</b>     | <b>123.7</b>    | <b>91.2</b>     | <b>126.6</b>    | <b>98.4</b>     | <b>117.0</b>    |
| Federal transfers to provinces/territories <sup>1</sup>   | (8.0)           | (4.9)           | (22.8)          | (17.4)          | (18.5)          | (23.5)          | (3.4)           | (6.7)           | 0.0             | 0.0             |
| <b>Net expenditures</b>                                   | <b>37.8</b>     | <b>28.3</b>     | <b>17.3</b>     | <b>21.8</b>     | <b>41.3</b>     | <b>100.2</b>    | <b>87.8</b>     | <b>119.9</b>    | <b>98.4</b>     | <b>117.0</b>    |
| <b>Total (all provinces/territories)</b>                  |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |
| Operating                                                 | 5,495.4         | 4,202.0         | 4,435.9         | 4,669.5         | 6,499.3         | 9,029.2         | 9,233.7         | 10,266.9        | 10,111.1        | 11,143.1        |
| Capital                                                   | 8,701.5         | 7,664.6         | 8,454.4         | 8,042.9         | 8,746.1         | 8,670.1         | 8,270.5         | 10,976.8        | 11,325.9        | 12,094.4        |
| <b>Operating and capital</b>                              | <b>14,196.9</b> | <b>11,866.6</b> | <b>12,890.3</b> | <b>12,712.4</b> | <b>15,245.4</b> | <b>17,699.4</b> | <b>17,504.2</b> | <b>21,243.7</b> | <b>21,437.0</b> | <b>23,237.5</b> |
| Transfer payments                                         | 2,659.0         | 3,829.3         | 3,445.5         | 3,386.5         | 4,563.6         | 4,782.2         | 5,118.2         | 5,575.7         | 5,564.4         | 6,086.8         |
| <b>Gross expenditures</b>                                 | <b>16,855.9</b> | <b>15,695.9</b> | <b>16,335.8</b> | <b>16,098.8</b> | <b>19,809.0</b> | <b>22,481.6</b> | <b>22,622.4</b> | <b>26,819.4</b> | <b>27,001.5</b> | <b>29,324.3</b> |
| Federal transfers to provinces/territories <sup>1,2</sup> | (388.0)         | (779.3)         | (1,330.6)       | (966.4)         | (1,066.0)       | (728.8)         | (854.3)         | (2,590.2)       | (2,586.9)       | (3,148.1)       |
| <b>Net expenditures</b>                                   | <b>16,467.8</b> | <b>14,916.7</b> | <b>15,005.2</b> | <b>15,132.4</b> | <b>18,743.0</b> | <b>21,752.7</b> | <b>21,768.1</b> | <b>24,229.1</b> | <b>24,414.6</b> | <b>26,176.2</b> |

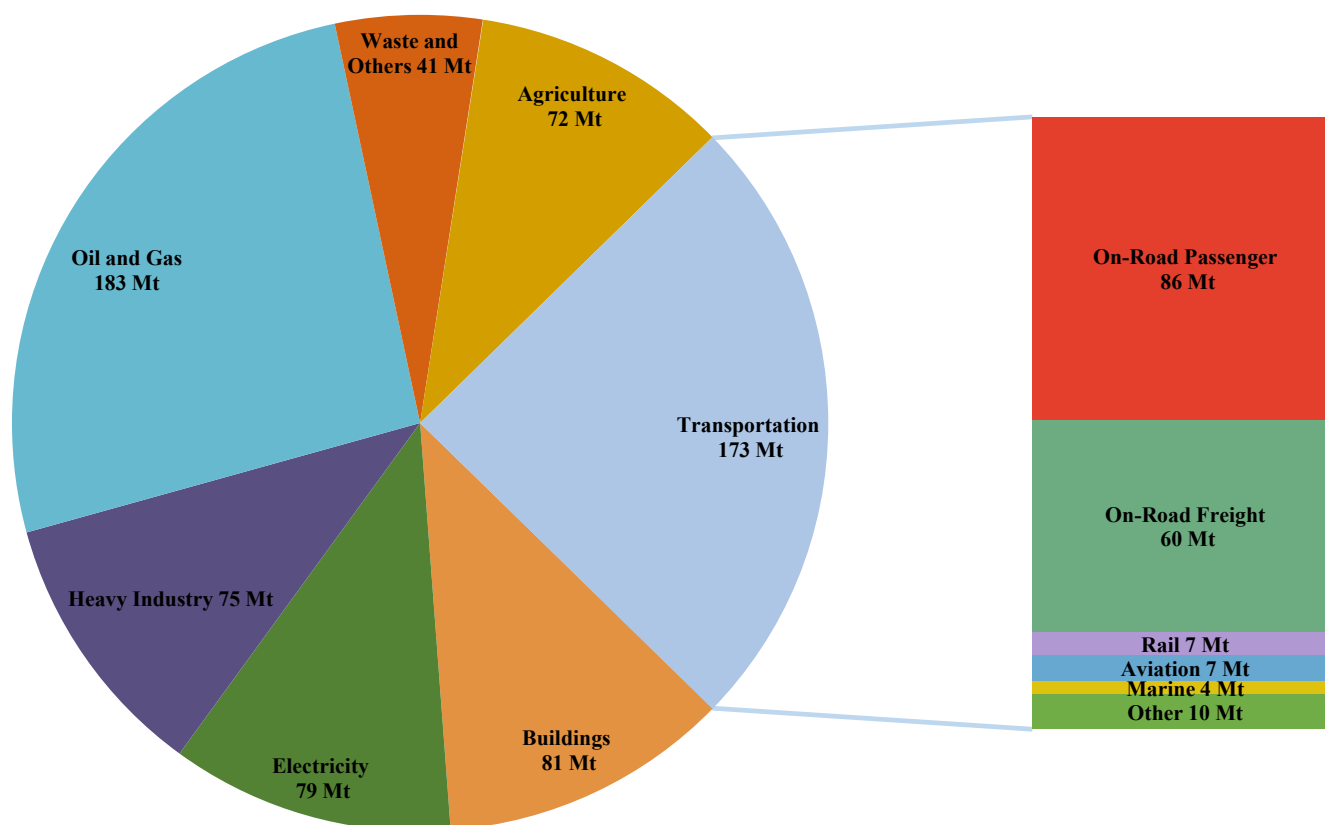
Notes:

1 Estimation of transportation-related transfer payments received (as reported by provincial/territorial respondents).

2 Manitoba's Transportation-related federal transfer data has been revised

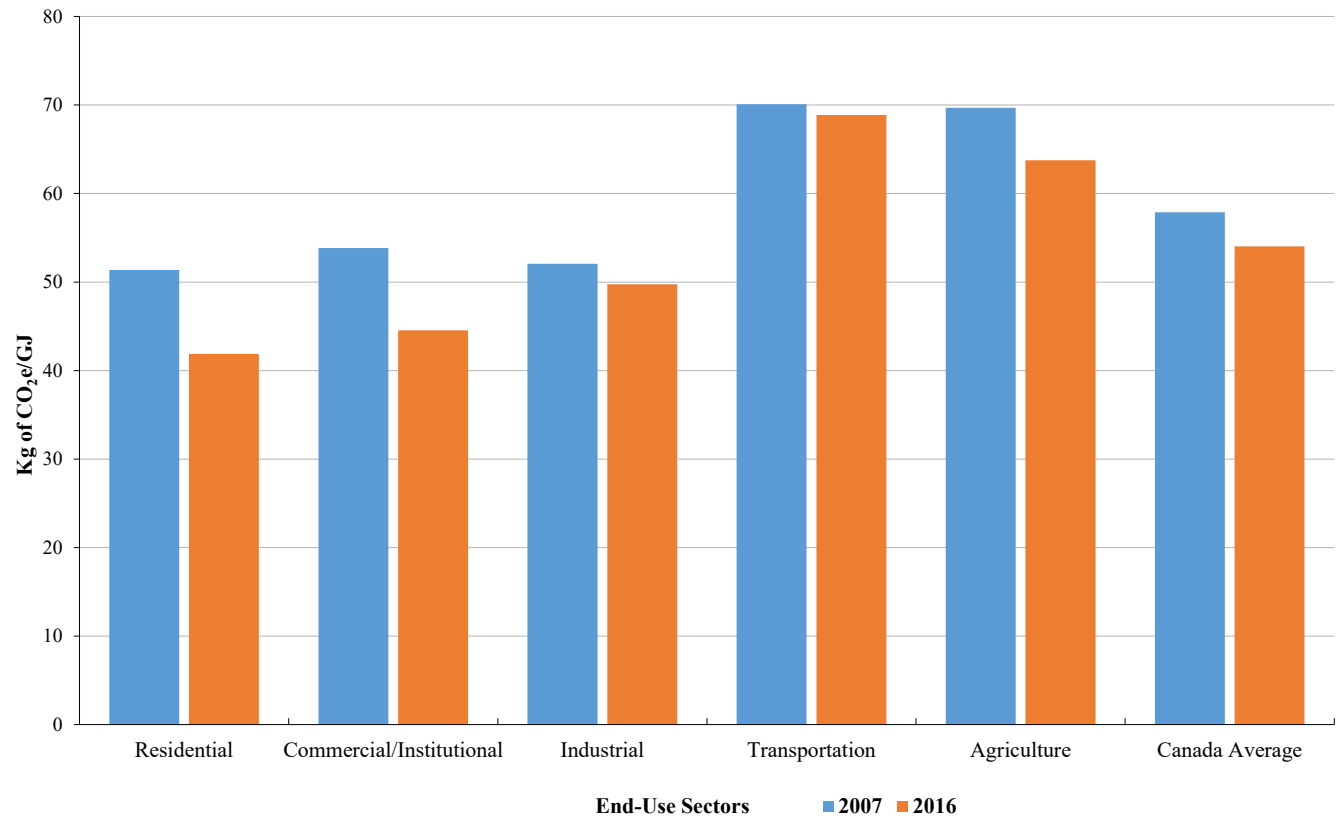
Sources: As reported by provinces and territories. In cases where no data has been reported by the province or territory, data has estimated using provincial/territorial Public Accounts or other published sources, or has been estimated or carried forward from the previous period.

**Figure EN1: Greenhouse Gas Emissions, by Economic Sector, 2016**



Notes: Mt CO<sub>2</sub>e= Megatonnes of carbon dioxide equivalent. Totals may not add up due to rounding.

Source: Environment and Climate Change Canada, Canada's 2018 Greenhouse Gas Emissions Reference Case

**Figure EN2: Greenhouse Gas Intensity of End-Use Sectors, 2007 and 2016**

Note: Kg of CO<sub>2</sub>e/GJ= Kilograms of carbon dioxide per gigajoule.

Source: Natural Resources Canada, Office of Energy Efficiency, Comprehensive Energy Use Database 1990-2016

**Table EN3: Transportation Energy Consumption, by Type and Mode, 2008–2017**

|                                                                        | (Petajoules, except where indicated) |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|------------------------------------------------------------------------|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                                                                        | 2008 <sup>R</sup>                    | 2009 <sup>R</sup> | 2010 <sup>R</sup> | 2011 <sup>R</sup> | 2012 <sup>R</sup> | 2013 <sup>R</sup> | 2014 <sup>R</sup> | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>P</sup> |
| <b>Overall final energy demand (all sectors and fuels)<sup>1</sup></b> | <b>7,679</b>                         | <b>7,393</b>      | <b>7,543</b>      | <b>7,906</b>      | <b>7,887</b>      | <b>8,100</b>      | <b>8,230</b>      | <b>8,197</b>      | <b>8,054</b>      | <b>8,231</b>      |
| <b>Transportation<sup>2</sup></b>                                      | <b>2,479</b>                         | <b>2,463</b>      | <b>2,537</b>      | <b>2,523</b>      | <b>2,547</b>      | <b>2,611</b>      | <b>2,573</b>      | <b>2,555</b>      | <b>2,549</b>      | <b>2,556</b>      |
| <i>Transportation share of overall demand (per cent)</i>               | <i>32.3</i>                          | <i>33.3</i>       | <i>33.6</i>       | <i>31.9</i>       | <i>32.3</i>       | <i>32.2</i>       | <i>31.3</i>       | <i>31.2</i>       | <i>31.7</i>       | <i>31.1</i>       |
| <b>Transportation subtotals by mode</b>                                |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Railways                                                               | 100                                  | 86                | 85                | 96                | 97                | 94                | 96                | 92                | 84                | 84                |
| Airlines                                                               | 205                                  | 190               | 198               | 204               | 239               | 249               | 246               | 252               | 257               | 266               |
| Marine                                                                 | 125                                  | 122               | 129               | 104               | 98                | 94                | 84                | 77                | 67                | 78                |
| Road transport and urban transit <sup>3</sup>                          | 348                                  | 369               | 421               | 424               | 446               | 434               | 442               | 424               | 385               | 373               |
| Retail pump sales                                                      | 1,653                                | 1,654             | 1,670             | 1,655             | 1,628             | 1,685             | 1,661             | 1,661             | 1,702             | 1,700             |
| Manufacturing/Commercial fleets                                        | 48                                   | 42                | 35                | 40                | 39                | 54                | 43                | 49                | 54                | 56                |
| <b>Transportation Demand: Breakdown by fuel and mode<sup>4</sup></b>   |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| <b>Gasoline</b>                                                        |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Retail pump sales                                                      | 1,347                                | 1,354             | 1,365             | 1,336             | 1,329             | 1,362             | 1,340             | 1,369             | 1,424             | 1,408             |
| Road transport, urban transit and other fleets <sup>5</sup>            | 45                                   | 56                | 67                | 66                | 75                | 79                | 79                | 85                | 81                | 83                |
| <b>Diesel</b>                                                          |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Retail pump sales                                                      | 304                                  | 298               | 301               | 317               | 298               | 323               | 318               | 289               | 275               | 288               |
| Road transport, urban transit and other fleets <sup>5</sup>            | 331                                  | 337               | 369               | 376               | 386               | 390               | 389               | 372               | 339               | 326               |
| Railways                                                               | 100                                  | 85                | 84                | 94                | 97                | 93                | 95                | 91                | 83                | 84                |
| Marine                                                                 | 37                                   | 31                | 36                | 37                | 32                | 30                | 29                | 33                | 33                | 32                |
| <b>Natural gas</b>                                                     |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Retail pump sales and fleets                                           | 2                                    | 2                 | 2                 | 2                 | 2                 | 1                 | 4                 | 4                 | 4                 | 5                 |
| <b>Gas plant natural gas liquids (NGL's)</b>                           |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Road transport and urban transit <sup>3</sup>                          | 14                                   | 12                | 13                | 14                | 15                | 12                | 10                | 11                | 12                | 12                |
| <b>Electricity</b>                                                     |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Road transport and urban transit <sup>3</sup>                          | 4                                    | 3                 | 4                 | 4                 | 4                 | 4                 | 3                 | 3                 | 4                 | 4                 |
| <b>Aviation fuels</b>                                                  |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Aviation turbo fuels                                                   | 204                                  | 188               | 196               | 202               | 237               | 248               | 244               | 250               | 256               | 264               |
| Aviation gasoline                                                      | 1                                    | 1                 | 1                 | 1                 | 1                 | 1                 | 1                 | 2                 | 2                 | 2                 |
| <b>Heavy fuel oils</b>                                                 |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Marine                                                                 | 85                                   | 87                | 86                | 61                | 63                | 59                | 51                | 41                | N/A               | N/A               |
| <b>Other fuels</b>                                                     |                                      |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| Air, marine, rail and road transport                                   | 6                                    | 7                 | 13                | 12                | 8                 | 8                 | 8                 | 6                 | 36                | 48                |

Notes: R= Revised data. P= Preliminary data. N/A= Not available. The entire data series was revised at source.

1 Including both primary and secondary energy demand.

2 In this sector, only the use of fuel by the transportation industry for transportation purposes are included, and not fuel used to power transportation structures and equipment. Fuel used to power pipelines is excluded. Gasoline and diesel fuel use for fleets that are owned by manufacturing and commercial firms are included. Data cells that are suppressed by the source are not included in the subtotals.

3 Establishments primarily engaged in truck transport services, in the operation of urban, interurban and rural transit systems, school buses, charter and sightseeing buses, taxis and limousine services to airports and stations.

4 Components might not sum up to the total due to rounding, data suppressed by the source, statistical discrepancies, and immaterial alternative fuels that are not covered.

5 Including manufacturing and commercial fleets as noted above. Agriculture, government and other sectors are excluded. Data cells that are suppressed by the source are assumed to be zero.

Source: Statistics Canada, Table: 25-10-0029-01

**Table EN4: Total Transportation Greenhouse Gas Emissions, All Modes, 2000–2020**

| (Mt CO <sub>2</sub> e) |                             |                         |                           |                                      |                                    |                          |                          |
|------------------------|-----------------------------|-------------------------|---------------------------|--------------------------------------|------------------------------------|--------------------------|--------------------------|
| <i>Year</i>            | <i>Aviation<sup>R</sup></i> | <i>Rail<sup>R</sup></i> | <i>Marine<sup>R</sup></i> | <i>On-Road Passenger<sup>R</sup></i> | <i>On-Road Freight<sup>R</sup></i> | <i>Other<sup>R</sup></i> | <i>Total<sup>R</sup></i> |
| 2000                   | 7.7                         | 6.7                     | 5.0                       | 74.1                                 | 36.6                               | 16.2                     | <b>146.3</b>             |
| 2001                   | 7.1                         | 6.6                     | 5.5                       | 77.4                                 | 39.1                               | 12.7                     | <b>148.4</b>             |
| 2002                   | 6.9                         | 6.1                     | 5.5                       | 79.3                                 | 39.1                               | 12.4                     | <b>149.3</b>             |
| 2003                   | 7.0                         | 6.1                     | 6.4                       | 80.5                                 | 41.8                               | 12.1                     | <b>154.0</b>             |
| 2004                   | 7.5                         | 6.3                     | 6.8                       | 81.1                                 | 44.2                               | 12.8                     | <b>158.7</b>             |
| 2005                   | 7.6                         | 6.8                     | 6.5                       | 81.9                                 | 48.6                               | 11.0                     | <b>162.4</b>             |
| 2006                   | 7.7                         | 7.1                     | 6.0                       | 81.3                                 | 50.0                               | 10.8                     | <b>163.0</b>             |
| 2007                   | 7.8                         | 7.6                     | 6.7                       | 81.4                                 | 52.9                               | 11.1                     | <b>167.5</b>             |
| 2008                   | 7.3                         | 8.1                     | 6.5                       | 80.0                                 | 54.7                               | 11.0                     | <b>167.5</b>             |
| 2009                   | 6.4                         | 5.2                     | 6.7                       | 80.4                                 | 53.2                               | 10.8                     | <b>162.7</b>             |
| 2010                   | 6.5                         | 6.7                     | 7.0                       | 81.8                                 | 57.5                               | 11.2                     | <b>170.6</b>             |
| 2011                   | 6.3                         | 7.7                     | 5.8                       | 80.9                                 | 60.6                               | 9.5                      | <b>170.8</b>             |
| 2012                   | 7.3                         | 7.8                     | 5.8                       | 80.4                                 | 62.4                               | 9.0                      | <b>172.8</b>             |
| 2013                   | 7.6                         | 7.5                     | 5.4                       | 82.1                                 | 64.2                               | 9.1                      | <b>175.9</b>             |
| 2014                   | 7.2                         | 7.7                     | 4.9                       | 80.8                                 | 62.7                               | 9.6                      | <b>172.9</b>             |
| 2015                   | 7.2                         | 7.4                     | 4.8                       | 83.2                                 | 61.5                               | 9.9                      | <b>174.0</b>             |
| 2016                   | 7.1                         | 6.8                     | 3.9                       | 86.1                                 | 59.8                               | 9.7                      | <b>173.4</b>             |
| 2017 <sup>F</sup>      | 7.4                         | 6.9                     | 4.9                       | 85.6                                 | 60.8                               | 9.9                      | <b>175.6</b>             |
| 2018 <sup>F</sup>      | 7.5                         | 7.1                     | 4.9                       | 84.3                                 | 61.2                               | 10.1                     | <b>175.1</b>             |
| 2019 <sup>F</sup>      | 7.6                         | 7.3                     | 4.8                       | 82.7                                 | 61.3                               | 10.2                     | <b>173.9</b>             |
| 2020 <sup>F</sup>      | 7.6                         | 7.4                     | 4.8                       | 80.7                                 | 61.1                               | 10.3                     | <b>171.9</b>             |

Notes: R= Revised data. F= Forecast. Mt CO<sub>2</sub>e= Megatonnes of carbon dioxide equivalent.

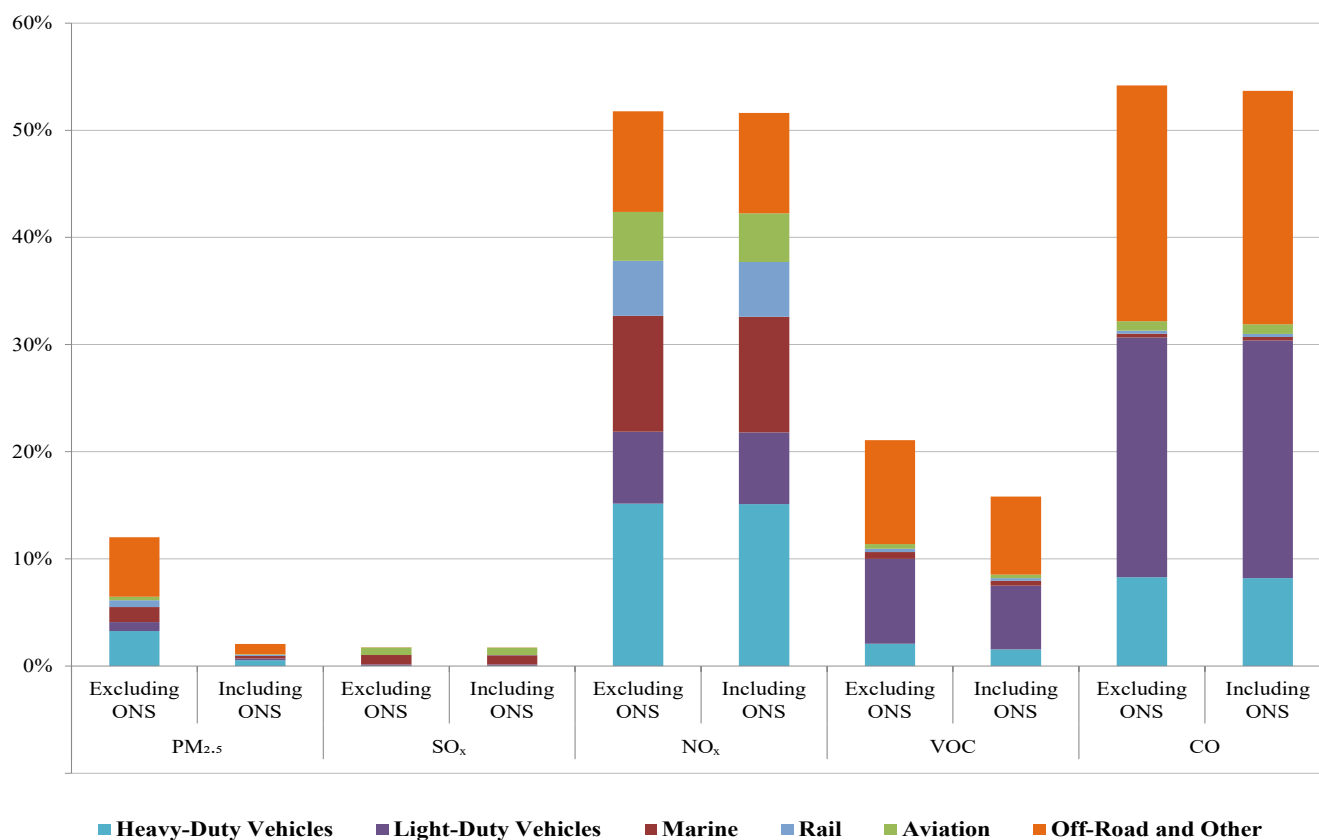
Source: Environment and Climate Change Canada, Canada's 2018 Greenhouse Gas Emissions Reference Case

**Table EN5: Air Pollutant Emissions From the Transportation Sector, by Type of Pollutant, 2008–2017**

| (Kilotonnes)      |                       |                       |                         |            |           |
|-------------------|-----------------------|-----------------------|-------------------------|------------|-----------|
| <i>Year</i>       | <i>SO<sub>x</sub></i> | <i>NO<sub>x</sub></i> | <i>PM<sub>2.5</sub></i> | <i>VOC</i> | <i>CO</i> |
| 2008 <sup>R</sup> | 124                   | 1,300                 | 71                      | 577        | 4,470     |
| 2009 <sup>R</sup> | 118                   | 1,207                 | 66                      | 527        | 4,204     |
| 2010 <sup>R</sup> | 115                   | 1,209                 | 67                      | 511        | 4,082     |
| 2011 <sup>R</sup> | 111                   | 1,171                 | 58                      | 395        | 3,634     |
| 2012 <sup>R</sup> | 106                   | 1,107                 | 53                      | 359        | 3,383     |
| 2013 <sup>R</sup> | 101                   | 1,068                 | 50                      | 339        | 3,318     |
| 2014 <sup>R</sup> | 96                    | 1,003                 | 46                      | 320        | 3,179     |
| 2015 <sup>R</sup> | 18                    | 956                   | 38                      | 308        | 3,110     |
| 2016 <sup>R</sup> | 17                    | 915                   | 34                      | 287        | 3,046     |
| 2017              | 17                    | 921                   | 35                      | 288        | 3,052     |

Notes: R= Revised data. SO<sub>x</sub>= Sulphur oxide. NO<sub>x</sub>= Nitrogen oxide. PM<sub>2.5</sub>= Particulate matter less than or equal to 2.5 microns. VOC= Volatile organic compounds. CO= Carbon monoxide.

Source: Environment and Climate Change Canada, Air Pollutant Emissions Inventory

**Figure EN6: Transportation Mode Share of Air Pollutant Emissions, 2017**

Notes: ONS= Open and Natural Sources. SO<sub>x</sub>= Sulphur oxide. NO<sub>x</sub>= Nitrogen oxide. VOC= Volatile organic compounds. CO= Carbon monoxide. PM<sub>2.5</sub>= Particulate matter less than or equal to 2.5 microns.

Sources: Environment and Climate Change Canada, National Pollutant Release Inventory; Environment and Climate Change Canada

**Table EN7: Aviation Greenhouse Gas Emission Intensity, by Region of Operation, 2008-2017**

| Region of Operation | Units                          | 2008         | 2009         | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       |
|---------------------|--------------------------------|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Domestic            | g CO <sub>2</sub> eq/RTK       | N/A          | N/A          | N/A        | N/A        | 1,161      | 1,151      | 1,100      | 1,089      | 1,047      | 1,053      |
| International       | g CO <sub>2</sub> eq/RTK       | N/A          | N/A          | N/A        | N/A        | 876        | 865        | 847        | 847        | 827        | 792        |
| <b>Overall</b>      | <b>g CO<sub>2</sub> eq/RTK</b> | <b>1,019</b> | <b>1,002</b> | <b>982</b> | <b>976</b> | <b>960</b> | <b>951</b> | <b>923</b> | <b>916</b> | <b>886</b> | <b>860</b> |

Notes: RTK= Revenue tonne-kilometre. RPK= Revenue passenger-kilometre. N/A= Not available.

RTK includes the weight of cargo and passengers. Passenger RTK is calculated by multiplying RPK by 100kg, which is the industry's conventional assumption of the average weight per passenger, including baggage.

Source: Canada's Aviation Action Plan Annual Reports

**Table EN8: Aviation Fuel Consumption, by Region of Operation, 2008-2017**

|                            | (millions of litres) |              |              |              |              |              |              |              |              |              |
|----------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <i>Region of Operation</i> | <i>2008</i>          | <i>2009</i>  | <i>2010</i>  | <i>2011</i>  | <i>2012</i>  | <i>2013</i>  | <i>2014</i>  | <i>2015</i>  | <i>2016</i>  | <i>2017</i>  |
| Domestic                   | N/A                  | N/A          | N/A          | N/A          | 2,221        | 2,289        | 2,344        | 2,383        | 2,415        | 2,583        |
| International              | N/A                  | N/A          | N/A          | N/A          | 4,035        | 4,025        | 4,235        | 4,640        | 5,140        | 5,554        |
| <b>Total</b>               | <b>5,575</b>         | <b>5,098</b> | <b>5,659</b> | <b>6,089</b> | <b>6,256</b> | <b>6,314</b> | <b>6,579</b> | <b>7,023</b> | <b>7,555</b> | <b>8,137</b> |

Note: N/A= Not available.

Source: Canada's Aviation Action Plan Annual Reports

**Table EN9: National Aerial Surveillance Program Key Metrics, 2008/09–2017/18**

| <i>Fiscal Year</i> | <i>Patrol Hours</i> | <i>Vessel Over-Flights</i> | <i>Pollution Sightings</i> | <i>Oil Volume (litres)</i> |
|--------------------|---------------------|----------------------------|----------------------------|----------------------------|
| 2008 - 2009        | 2,340               | 9,947                      | 183                        | 2,863                      |
| 2009 - 2010        | 2,274               | 11,262                     | 109                        | 8,111                      |
| 2010 - 2011        | 2,506               | 12,365                     | 84                         | 9,189                      |
| 2011 - 2012        | 2,063               | 12,032                     | 135                        | 1,014                      |
| 2012 - 2013        | 2,080               | 10,134                     | 97                         | 7,813                      |
| 2013 - 2014        | 3,877               | 19,989                     | 214                        | 4,453                      |
| 2014 - 2015        | 3,842               | 19,551                     | 322                        | 3,173                      |
| 2015 - 2016        | 2,931               | 17,427                     | 380                        | 7,942                      |
| 2016 - 2017        | 2,068               | 12,461                     | 246                        | 2,870                      |
| 2017 - 2018        | 3,995               | 23,410                     | 458                        | 3,795                      |

Source: Transport Canada, Marine Safety

**Table EN10: Rail Greenhouse Gas Emission Intensity, by Type of Operation, 2007–2016**

| <i>Railway Operation</i> | <i>Units</i>                    | <i>2007<sup>R</sup></i> | <i>2008<sup>R</sup></i> | <i>2009<sup>R</sup></i> | <i>2010<sup>R</sup></i> | <i>2011<sup>R</sup></i> | <i>2012<sup>R</sup></i> | <i>2013<sup>R</sup></i> | <i>2014<sup>R</sup></i> | <i>2015<sup>R</sup></i> | <i>2016</i> |
|--------------------------|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------|
| Class I Freight          | kg CO <sub>2</sub> eq/1,000 RTK | 17.18                   | 17.46                   | 16.80                   | 16.30                   | 16.03                   | 15.68                   | 14.84                   | 14.32                   | 14.02                   | 13.47       |
| Regional and Short Lines | kg CO <sub>2</sub> eq/1,000 RTK | 15.09                   | 15.72                   | 14.08                   | 15.09                   | 14.76                   | 13.33                   | 13.47                   | 11.07                   | 16.7                    | 16.09       |
| Intercity Passenger      | kg CO <sub>2</sub> eq/RPK       | 0.130                   | 0.121                   | 0.132                   | 0.123                   | 0.122                   | 0.109                   | 0.099                   | 0.100                   | 0.102                   | 0.101       |
| Commuter Rail            | kg CO <sub>2</sub> eq/Passenger | 1.69                    | 1.68                    | 1.93                    | 2.04                    | 2.17                    | 2.14                    | 2.06                    | 2.06                    | 2.34                    | 2.23        |

Notes: R= Revised data. RTK= Revenue Tonne Kilometres. RPK= Revenue passenger-kilometre.

Source: Railway Association of Canada, Locomotive Emissions Monitoring Program

**Table EN11: Railway Fuel Consumption, 2008–2017**

|              | <i>2008<sup>R</sup></i> | <i>2009</i>    | <i>2010</i>    | <i>2011</i>    | <i>2012</i>    | <i>2013</i>    | <i>2014</i>    | <i>2015<sup>R</sup></i> | <i>2016<sup>R</sup></i> | <i>2017</i>    |
|--------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------|-------------------------|----------------|
| Class I      | 1,976.2                 | 1,691.3        | 1,848.7        | 1,810.8        | 1,972.5        | 1,937.8        | 2,024.7        | 1,952.8                 | 1,827.7                 | 1,963.9        |
| Regional     | 60.9                    | 31.9           | 35.7           | 39.1           | 38.8           | 37.4           | 35.3           | 34.7                    | 34.1                    | 27.7           |
| Short Line   | 66.2                    | 46.6           | 48.6           | 50.6           | 47.0           | 47.1           | 47.7           | 48.8                    | 46.4                    | 23.6           |
| <b>Total</b> | <b>2,103.3</b>          | <b>1,769.8</b> | <b>1,933.0</b> | <b>1,900.6</b> | <b>2,058.3</b> | <b>2,022.2</b> | <b>2,107.6</b> | <b>2,036.3</b>          | <b>1,908.2</b>          | <b>2,015.1</b> |

Note: R= Revised data.

Sources: Transport Canada, Statistics Canada

# TRANSPORTATION SAFETY AND SECURITY

**Table S1: Summary of Transportation Safety Statistics for Aviation, Marine, Rail, Road and TDG, 2009–2018**

|                       | <i>Year</i>       | <i>Aviation<sup>1</sup></i> | <i>Marine<sup>2</sup></i> | <i>Rail<sup>3</sup></i> | <i>Road<sup>4</sup></i> | <i>TDG<sup>5</sup></i> |
|-----------------------|-------------------|-----------------------------|---------------------------|-------------------------|-------------------------|------------------------|
| <b>Accidents</b>      | 2018 <sup>P</sup> | 151                         | 279                       | 1,172                   | N/A                     | 472                    |
|                       | 2017 <sup>R</sup> | 190                         | 278                       | 1,091                   | 113,237                 | 393                    |
|                       | 2016 <sup>R</sup> | 185                         | 307                       | 898                     | 118,204                 | 302                    |
|                       | 2015 <sup>R</sup> | 207                         | 248                       | 1,045                   | 119,545                 | 334                    |
|                       | 2014              | 189                         | 301                       | 1,047                   | 116,278                 | 385                    |
|                       | 2013              | 233                         | 299                       | 1,095                   | 122,143                 | 396                    |
|                       | 2012              | 222                         | 268                       | 1,049                   | 124,683                 | 401                    |
|                       | 2011              | 211                         | 295                       | 1,072                   | 124,199                 | 345                    |
|                       | 2010              | 235                         | 337                       | 1,116                   | 125,636                 | 304                    |
|                       | 2009              | 232                         | 358                       | 1,055                   | 125,456                 | 326                    |
| <b>Fatalities</b>     | 2018 <sup>P</sup> | 25                          | 22                        | 56                      | N/A                     | 0                      |
|                       | 2017 <sup>R</sup> | 27                          | 11                        | 76                      | 1,841                   | 2                      |
|                       | 2016 <sup>R</sup> | 29                          | 7                         | 66                      | 1,895                   | 2                      |
|                       | 2015 <sup>R</sup> | 36                          | 19                        | 46                      | 1,895                   | 0                      |
|                       | 2014              | 13                          | 12                        | 56                      | 1,846                   | 1                      |
|                       | 2013              | 53                          | 18                        | 124                     | 1,951                   | 50                     |
|                       | 2012              | 51                          | 14                        | 81                      | 2,075                   | 0                      |
|                       | 2011              | 57                          | 16                        | 71                      | 2,023                   | 0                      |
|                       | 2010              | 65                          | 18                        | 81                      | 2,238                   | 0                      |
|                       | 2009              | 65                          | 15                        | 71                      | 2,216                   | 0                      |
| <b>Accident Rates</b> | 2018 <sup>P</sup> | 3.1                         | 16.2                      | 13.5                    | N/A                     | N/A                    |
|                       | 2017 <sup>R</sup> | 4.0                         | 11.4                      | 13.2                    | 0.75                    | N/A                    |
|                       | 2016 <sup>R</sup> | 4.1                         | 15.4                      | 11.3                    | 0.78                    | N/A                    |
|                       | 2015 <sup>R</sup> | 4.8                         | 12.4                      | 12.3                    | 0.79                    | N/A                    |
|                       | 2014              | 4.4                         | 10.6                      | 12.0                    | 0.79                    | N/A                    |
|                       | 2013              | 5.4                         | 10.2                      | 13.0                    | 0.85                    | N/A                    |
|                       | 2012              | 5.1                         | 15.8                      | 12.1                    | 0.93                    | N/A                    |
|                       | 2011              | 4.9                         | 16.7                      | 12.6                    | 0.91                    | N/A                    |
|                       | 2010              | 5.9                         | 19.0                      | 13.3                    | 1.02                    | N/A                    |
|                       | 2009              | 6.0                         | 23.2                      | 13.5                    | 1.04                    | N/A                    |

Notes: R= Revised data. P= Preliminary data. E= Estimated data. N/A = Not available. TDG= Transportation of dangerous goods.

**Comparing accident numbers between modes:** The reader should be cautioned in making comparisons across modes as the source and criteria for reporting accidents/incidents can vary from mode to mode. For example, the definitions of a Transportation Safety Board (TSB) reportable accident and incident vary among aviation, marine and rail. The type of risk exposure, frequency and magnitude of an accident, including the impact on public perception of safety, also vary. The TDG program, which includes accidents at the modal transportation facilities, does not cover dangerous goods transported in bulk on ships (as well as by pipeline) and therefore limits the type of data comparisons that can be made between in-transit TDG accidents across modes.

**Comparing accident rates within and between modes and data limitations:** The available activity measures (also referred to as risk exposure or denominator data) and accident numbers (numerator) for determining the rate are also particular to each mode and have their own set of limitations. For marine, data are collected only for commercial vessels over 15 gross tons. In addition, there have been data collection changes over the years. The unit of million vessel-kilometres is being used for the ten-year accident rates for marine. For road, the available casualty rates are based on the number of registered vehicles rather than kilometres. For aviation, hours flown is more representative of risk exposure.

The ten-year trend for rail is available per million train-miles. For all four modes, therefore, the available denominator for measuring activity ranges in the degree of representation of all modal accidents. In addition, some available denominators must be estimated to account for data reporting changes in a certain year or for data lag for the most recent year.

The approximate exposure/activity level estimates for the transportation of dangerous goods lack the precision to provide reasonable accident rate trends. That said, the above denominators not only provide the approximate trends and point to changes in the exposure to risk, with other types of denominators available within the modal operations and for the TDG, they also provide a contextual foundation for the accident (numerator) data.

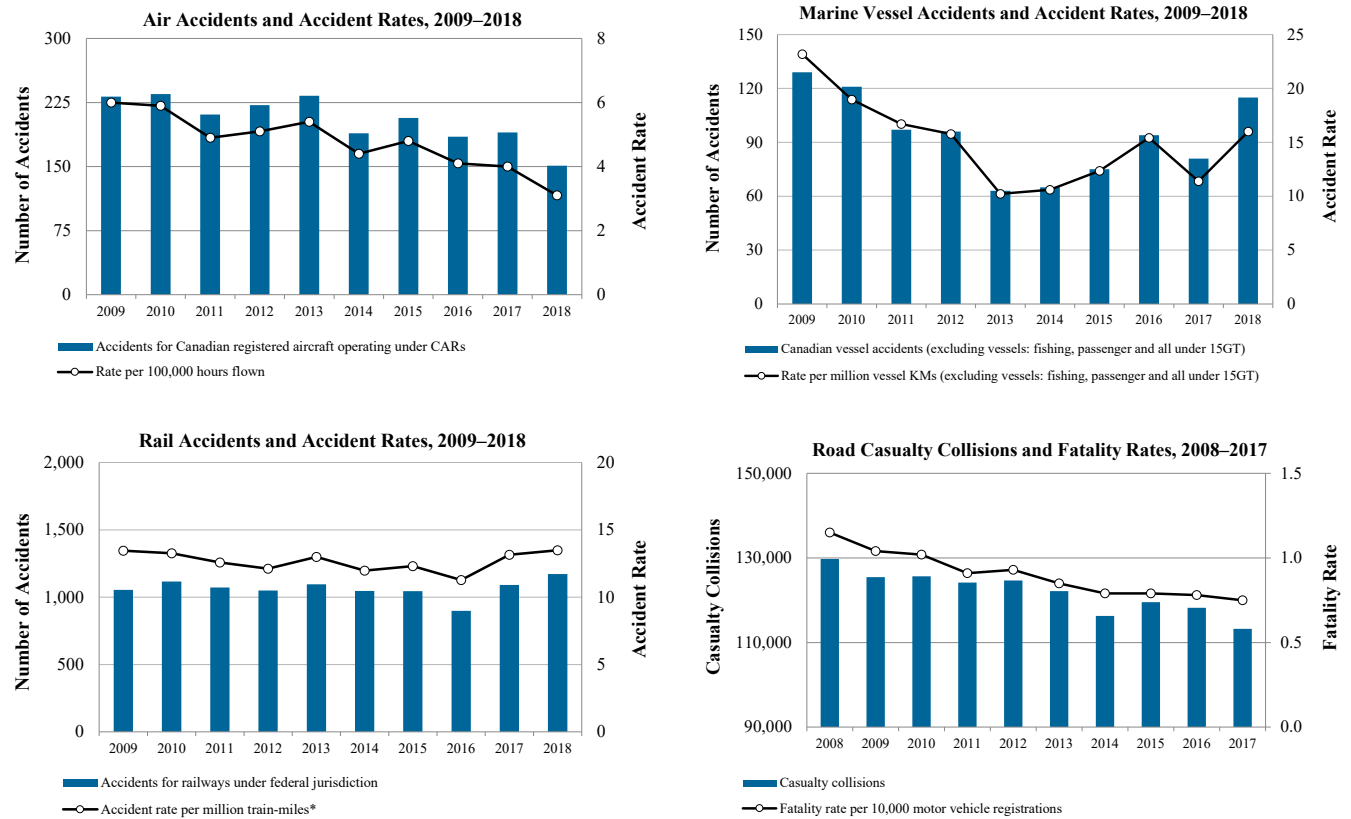
**Comparing time periods:** The data reported are preliminary for 2018, as accident/incident reports can be received or revised and updated after the annual report is finalized. The difference between the final and preliminary accident totals has historically been insignificant (e.g. about one per cent) for rail, marine and aviation. For road, collisions reported to the police are collected by the provinces/territories and provided to Transport Canada to develop the national casualty collision statistics. The one calendar year delay is due to the inherent difficulties in handling the collection and processing of high volumes of data (over 600,000 crash cases annually) and the compiling and release of statistics at the jurisdictional and then at the national levels.

In addition, the long-term comparisons can be affected to varying degrees by the industry, government or system-wide changes (e.g. industry restructuring, government devolution and commercialization of operations; regulatory changes, such as accident reporting requirements; and system improvements, including introduction of new technologies).

**Comparing fatality numbers:** The ten-year trends on annual fatality totals for marine and aviation, which show high fluctuations for some years, may be indicative of the high impact of rare multi-casualty fatal accidents in that year. This is in contrast to road, where the impact of multi-casualty collisions (e.g. pile-ups) on the comparatively very high annual total fatalities is proportionately low. For rail, the total annual fatalities can be influenced by fluctuations in trespasser fatalities, which account for the highest share of the total among all categories of fatal rail accidents.

- 1 Canadian-registered aircraft, other than ultra-lights, and based on the Canadian Aviation Regulations (CARs). Accidents involving aircraft are not operating in accordance with CARs (i.e. military and state aircraft) are not included. Accident rates per 100,000 hours flown.
- 2 Fatalities involving all Canadian commercial vessels and Foreign vessels in Canadian waters. Accidents and Accident rates (per million vessel-kilometres) for all Canadian commercial vessels, excluding all fishing vessels, passenger vessels and vessels under 15 GT (gross tons). For statistics on all vessel accidents, see Table S12.
- 3 Railways under federal jurisdiction. Accident rates are per million train-miles. Train-miles include main track miles and yard switching miles.
- 4 Road accident rates refer to fatality rates per 10,000 motor vehicle registrations. Road accidents are casualty collisions, which exclude collisions in which only property is damaged.
- 5 Accidents where transportation of dangerous goods (TDG) was involved. Fatality data relate to only those deaths caused by the dangerous goods. The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline. Dangerous goods accidents are "reportable" when the quantity of dangerous goods released exceeds the amount listed in the table contained in Part 8 of the TDG Regulations. Thresholds for reporting dangerous goods incidents have changed based on amendments to Part 8 of the TDG Regulations, which came into force on December 1, 2016. This will impact future data. TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

Sources: Transportation Safety Board, Transport Canada and Statistics Canada

**Figure S2: Accidents and Accident Rates per Activity Measure for Rail, Road, Marine and Aviation, 2008–2018**

Notes: Road data on accidents and casualties were not available for 2018. CARs= Canadian Aviation Regulations. G = gross tons.

\* Train-miles include main track miles and yard switching miles.

Sources: Transportation Safety Board, Transport Canada and Statistics Canada

**Table S3: Railways Under Federal Jurisdiction, Accidents and Incidents, 2009–2018**

| <b>Accident Type</b>                              | <b>2009<sup>R</sup></b> | <b>2010</b>  | <b>2011</b>  | <b>2012</b>  | <b>2013</b>  | <b>2014</b>  | <b>2015<sup>R</sup></b> | <b>2016<sup>R</sup></b> | <b>2017<sup>R</sup></b> | <b>2018<sup>P</sup></b> | <b>Average<br/>2009–2018</b> |
|---------------------------------------------------|-------------------------|--------------|--------------|--------------|--------------|--------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------------|
| Crossing collision                                | 188                     | 180          | 171          | 192          | 184          | 185          | 165                     | 133                     | 143                     | 167                     | 170.8                        |
| Trespasser accident                               | 71                      | 81           | 66           | 71           | 56           | 54           | 50                      | 70                      | 80                      | 69                      | 66.8                         |
| Main-track train derailment                       | 66                      | 82           | 110          | 67           | 84           | 100          | 75                      | 58                      | 81                      | 88                      | 81.1                         |
| Main-track train collision                        | 5                       | 4            | 3            | 6            | 4            | 9            | 4                       | 5                       | 3                       | 5                       | 4.8                          |
| Non-main-track train derailment                   | 510                     | 576          | 522          | 530          | 549          | 481          | 523                     | 434                     | 541                     | 600                     | 526.6                        |
| Non-main track train collision                    | 95                      | 94           | 89           | 101          | 93           | 106          | 92                      | 69                      | 103                     | 101                     | 94.3                         |
| Derailment involving track unit                   | 20                      | 11           | 10           | 7            | 18           | 7            | 11                      | 7                       | 24                      | 16                      | 13.1                         |
| Collision involving track unit                    | 30                      | 25           | 24           | 18           | 23           | 20           | 32                      | 16                      | 21                      | 32                      | 24.1                         |
| Employee accident                                 | 12                      | 9            | 10           | 5            | 8            | 9            | 9                       | 11                      | 13                      | 8                       | 9.4                          |
| Passenger accident                                | 0                       | 0            | 1            | 2            | 0            | 3            | 6                       | 5                       | 4                       | 5                       | 2.6                          |
| Rolling stock with object                         | 15                      | 4            | 19           | 18           | 32           | 22           | 20                      | 36                      | 30                      | 32                      | 22.8                         |
| Rolling stock with abandoned vehicle              | 10                      | 9            | 4            | 7            | 10           | 2            | 6                       | 7                       | 3                       | 9                       | 6.7                          |
| Rolling stock damage without derailment/collision | 13                      | 11           | 20           | 8            | 23           | 13           | 20                      | 12                      | 12                      | 6                       | 13.8                         |
| Fire                                              | 20                      | 30           | 23           | 17           | 11           | 36           | 32                      | 35                      | 33                      | 34                      | 27.1                         |
| Other accidents                                   | 0                       | 0            | 0            | 0            | 0            | 0            | 0                       | 0                       | 0                       | 0                       | 0.0                          |
| <b>Total Accidents</b>                            | <b>1,055</b>            | <b>1,116</b> | <b>1,072</b> | <b>1,049</b> | <b>1,095</b> | <b>1,047</b> | <b>1,045</b>            | <b>898</b>              | <b>1,091</b>            | <b>1,172</b>            | <b>1,064.0</b>               |
| <b>Incident Type</b>                              |                         |              |              |              |              |              |                         |                         |                         |                         |                              |
| Main-track switch in abnormal position            | 4                       | 5            | 10           | 5            | 7            | 6            | 12                      | 7                       | 12                      | 7                       | 7.5                          |
| Movement exceeds limits of authority              | 106                     | 101          | 118          | 120          | 98           | 129          | 142                     | 133                     | 122                     | 137                     | 120.6                        |
| Signal less restrictive than required             | 1                       | 4            | 3            | 1            | 1            | 2            | 5                       | 1                       | 1                       | 2                       | 2.1                          |
| Unprotected overlap of authorities                | 7                       | 4            | 7            | 5            | 4            | 5            | 6                       | 4                       | 2                       | 11                      | 5.5                          |
| Runaway rolling stock                             | 13                      | 5            | 16           | 13           | 14           | 11           | 14                      | 10                      | 14                      | 15                      | 12.5                         |
| Crew member incapacitated                         | 0                       | 1            | 0            | 1            | 6            | 2            | 2                       | 1                       | 4                       | 5                       | 2.2                          |
| Dangerous goods leakage                           | 78                      | 68           | 79           | 93           | 94           | 63           | 33                      | 7                       | 0                       | 0                       | 51.5                         |
| Main-track train derailment <sup>1</sup>          | N/A                     | N/A          | N/A          | N/A          | N/A          | 2            | 3                       | 6                       | 3                       | 4                       | 3.6                          |
| Non-main-track train derailment <sup>1</sup>      | N/A                     | N/A          | N/A          | N/A          | N/A          | 166          | 125                     | 97                      | 67                      | 94                      | 109.8                        |
| Non-main track train collision <sup>1</sup>       | N/A                     | N/A          | N/A          | N/A          | N/A          | 8            | 4                       | 4                       | 2                       | 2                       | 4.0                          |
| Derailment involving track unit <sup>1</sup>      | N/A                     | N/A          | N/A          | N/A          | N/A          | 7            | 10                      | 13                      | 5                       | 5                       | 8.0                          |
| Rolling stock with object <sup>2</sup>            | N/A                     | N/A          | N/A          | N/A          | N/A          | 6            | 10                      | 14                      | 3                       | 0                       | 6.6                          |
| Rolling stock with abandoned vehicle <sup>2</sup> | N/A                     | N/A          | N/A          | N/A          | N/A          | 1            | 5                       | 5                       | 0                       | 1                       | 2.4                          |
| Other incidents                                   | N/A                     | N/A          | N/A          | N/A          | N/A          | 0            | 1                       | 0                       | 0                       | 0                       | 0.2                          |
| <b>Total Incidents</b>                            | <b>209</b>              | <b>188</b>   | <b>233</b>   | <b>238</b>   | <b>224</b>   | <b>408</b>   | <b>372</b>              | <b>302</b>              | <b>235</b>              | <b>283</b>              | <b>269.2</b>                 |
| <b>Million Train-Miles (MTM)<sup>3</sup></b>      | <b>78.4</b>             | <b>84.1</b>  | <b>85.3</b>  | <b>86.6</b>  | <b>84.3</b>  | <b>87.4</b>  | <b>85.0</b>             | <b>79.6</b>             | <b>82.9</b>             | <b>87.0</b>             | <b>84.1</b>                  |
| <b>Accidents per MTM - Accident Rate</b>          | <b>13.5</b>             | <b>13.3</b>  | <b>12.6</b>  | <b>12.1</b>  | <b>13.0</b>  | <b>12.0</b>  | <b>12.3</b>             | <b>11.3</b>             | <b>13.2</b>             | <b>13.5</b>             | <b>12.7</b>                  |
| <b>Accident Fatalities</b>                        |                         |              |              |              |              |              |                         |                         |                         |                         |                              |
| Crossing collision                                | 19                      | 24           | 25           | 33           | 30           | 21           | 15                      | 19                      | 19                      | 19                      | 22.4                         |
| Trespasser accident                               | 52                      | 55           | 43           | 44           | 42           | 32           | 30                      | 47                      | 53                      | 34                      | 43.2                         |
| Other                                             | 0                       | 2            | 3            | 4            | 52           | 3            | 1                       | 0                       | 4                       | 3                       | 7.2                          |
| <b>Total Fatalities</b>                           | <b>71</b>               | <b>81</b>    | <b>71</b>    | <b>81</b>    | <b>124</b>   | <b>56</b>    | <b>46</b>               | <b>66</b>               | <b>76</b>               | <b>56</b>               | <b>72.8</b>                  |
| <b>Accident Injuries</b>                          |                         |              |              |              |              |              |                         |                         |                         |                         |                              |
| Crossing collision                                | 21                      | 28           | 22           | 32           | 27           | 29           | 18                      | 24                      | 22                      | 42                      | 26.5                         |
| Trespasser accident                               | 15                      | 19           | 21           | 22           | 10           | 21           | 17                      | 20                      | 22                      | 30                      | 19.7                         |
| Other                                             | 14                      | 17           | 9            | 19           | 2            | 3            | 15                      | 12                      | 21                      | 18                      | 13.0                         |
| <b>Total Injuries</b>                             | <b>50</b>               | <b>64</b>    | <b>52</b>    | <b>73</b>    | <b>39</b>    | <b>53</b>    | <b>50</b>               | <b>56</b>               | <b>65</b>               | <b>90</b>               | <b>59.2</b>                  |
| <b>Dangerous Goods Involved in Accidents</b>      | <b>132</b>              | <b>141</b>   | <b>120</b>   | <b>120</b>   | <b>141</b>   | <b>143</b>   | <b>126</b>              | <b>98</b>               | <b>115</b>              | <b>120</b>              | <b>125.6</b>                 |
| <b>Passenger Train Accidents</b>                  | <b>69</b>               | <b>60</b>    | <b>68</b>    | <b>47</b>    | <b>45</b>    | <b>48</b>    | <b>46</b>               | <b>57</b>               | <b>51</b>               | <b>67</b>               | <b>55.8</b>                  |
| <b>Passenger Train-Miles (PTM)<sup>4</sup></b>    | <b>6.7</b>              | <b>6.6</b>   | <b>6.5</b>   | <b>6.3</b>   | <b>6.1</b>   | <b>6.0</b>   | <b>6.1</b>              | <b>6.5</b>              | <b>5.9</b>              | <b>5.9</b>              | <b>6.3</b>                   |
| <b>Passenger Rate</b>                             | <b>10.4</b>             | <b>9.0</b>   | <b>10.4</b>  | <b>7.5</b>   | <b>7.4</b>   | <b>8.1</b>   | <b>7.5</b>              | <b>8.7</b>              | <b>8.7</b>              | <b>11.4</b>             | <b>8.9</b>                   |

Notes: R= Revised data. P= Preliminary data. N/A= Not applicable

The reported occurrences cover only railways under federal jurisdiction. Final figures over preliminary and estimated figures historically have changed less than one per cent.

Fatalities and serious injuries involved in incidents are not included in the Fatality and Serious Injury totals. For accident and reportable incident definitions, see Transportation Safety Board Regulation Web site.

New TSB regulations came into effect on July 1, 2014, changing some reporting requirements: 1 = No Damage. 2 = No Derailment & No Damage.

3 Train-miles include main track-miles and yard switching miles.

4 PTM= Passenger train-miles; figures are estimated.

Sources: Transport Canada, adapted from the Transportation Safety Board, Transport Canada (activity data)

**Table S4: Railways Under Federal Jurisdiction, Accidents by Province/Territory, 2009–2018**

| <i>Province/Territory</i>                | <i>Data</i>        | <i>2009</i>  | <i>2010</i>  | <i>2011</i>  | <i>2012</i>  | <i>2013</i>  | <i>2014</i>  | <i>2015<sup>R</sup></i> | <i>2016</i> | <i>2017<sup>R</sup></i> | <i>2018<sup>P</sup></i> | <i>Average<br/>2009–2018</i> |
|------------------------------------------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------|-------------|-------------------------|-------------------------|------------------------------|
| <b>Alberta</b>                           | Occurrences        | 232          | 247          | 211          | 271          | 275          | 246          | 186                     | 153         | 198                     | 241                     | 226.0                        |
|                                          | Fatalities         | 6            | 12           | 7            | 12           | 13           | 7            | 6                       | 8           | 8                       | 8                       | 8.7                          |
|                                          | Injuries (serious) | 10           | 13           | 9            | 12           | 6            | 9            | 10                      | 10          | 11                      | 10                      | 10.0                         |
| <b>British Columbia</b>                  | Occurrences        | 172          | 178          | 181          | 167          | 181          | 170          | 186                     | 164         | 208                     | 228                     | 183.5                        |
|                                          | Fatalities         | 9            | 10           | 8            | 8            | 8            | 11           | 8                       | 17          | 11                      | 12                      | 10.2                         |
|                                          | Injuries (serious) | 11           | 10           | 14           | 10           | 4            | 10           | 14                      | 10          | 15                      | 10                      | 10.8                         |
| <b>Manitoba</b>                          | Occurrences        | 118          | 144          | 132          | 134          | 115          | 123          | 122                     | 101         | 119                     | 107                     | 121.5                        |
|                                          | Fatalities         | 4            | 4            | 3            | 5            | 2            | 2            | 2                       | 4           | 3                       | 3                       | 3.2                          |
|                                          | Injuries (serious) | 3            | 8            | 4            | 9            | 1            | 8            | 2                       | 7           | 8                       | 10                      | 6.0                          |
| <b>New Brunswick</b>                     | Occurrences        | 18           | 19           | 24           | 13           | 9            | 26           | 24                      | 21          | 12                      | 12                      | 17.8                         |
|                                          | Fatalities         | 3            | 1            | 3            | 2            | 1            | 0            | 1                       | 2           | 0                       | 2                       | 1.5                          |
|                                          | Injuries (serious) | 0            | 0            | 1            | 0            | 0            | 0            | 0                       | 1           | 0                       | 0                       | 0.2                          |
| <b>Newfoundland and Labrador</b>         | Occurrences        | 4            | 4            | 3            | 4            | 3            | 0            | 9                       | 14          | 17                      | 14                      | 7.2                          |
|                                          | Fatalities         | 0            | 0            | 0            | 0            | 0            | 0            | 0                       | 0           | 0                       | 0                       | 0.0                          |
|                                          | Injuries (serious) | 0            | 0            | 0            | 0            | 0            | 0            | 0                       | 0           | 0                       | 0                       | 0.0                          |
| <b>Northwest Territories and Nunavut</b> | Occurrences        | 4            | 0            | 2            | 0            | 2            | 1            | 1                       | 0           | 1                       | 0                       | 1.1                          |
|                                          | Fatalities         | 0            | 0            | 0            | 0            | 0            | 0            | 0                       | 0           | 0                       | 0                       | 0.0                          |
|                                          | Injuries (serious) | 0            | 0            | 0            | 0            | 0            | 0            | 0                       | 0           | 0                       | 0                       | 0.0                          |
| <b>Nova Scotia</b>                       | Occurrences        | 9            | 7            | 4            | 6            | 3            | 5            | 6                       | 6           | 12                      | 11                      | 6.9                          |
|                                          | Fatalities         | 1            | 1            | 0            | 0            | 0            | 0            | 0                       | 2           | 1                       | 0                       | 0.5                          |
|                                          | Injuries (serious) | 0            | 2            | 0            | 0            | 0            | 0            | 0                       | 0           | 0                       | 2                       | 0.4                          |
| <b>Ontario</b>                           | Occurrences        | 289          | 270          | 258          | 201          | 232          | 238          | 259                     | 210         | 254                     | 264                     | 247.5                        |
|                                          | Fatalities         | 33           | 35           | 36           | 33           | 39           | 20           | 18                      | 22          | 33                      | 21                      | 29.0                         |
|                                          | Injuries (serious) | 12           | 12           | 14           | 31           | 18           | 9            | 12                      | 14          | 19                      | 23                      | 16.4                         |
| <b>Quebec</b>                            | Occurrences        | 117          | 124          | 130          | 129          | 110          | 114          | 149                     | 134         | 162                     | 140                     | 130.9                        |
|                                          | Fatalities         | 8            | 11           | 12           | 9            | 53           | 13           | 9                       | 5           | 17                      | 10                      | 14.7                         |
|                                          | Injuries (serious) | 8            | 15           | 7            | 4            | 4            | 8            | 3                       | 10          | 9                       | 22                      | 9.0                          |
| <b>Saskatchewan</b>                      | Occurrences        | 92           | 123          | 127          | 124          | 165          | 124          | 103                     | 95          | 108                     | 155                     | 121.6                        |
|                                          | Fatalities         | 7            | 7            | 2            | 12           | 8            | 3            | 2                       | 6           | 2                       | 1                       | 5.0                          |
|                                          | Injuries (serious) | 6            | 4            | 3            | 6            | 5            | 7            | 7                       | 4           | 3                       | 10                      | 5.5                          |
| <b>Total Occurrences</b>                 |                    | <b>1,055</b> | <b>1,116</b> | <b>1,072</b> | <b>1,049</b> | <b>1,095</b> | <b>1,047</b> | <b>1,045</b>            | <b>898</b>  | <b>1,091</b>            | <b>1,172</b>            | <b>1,064.0</b>               |
| <b>Total Fatalities</b>                  |                    | <b>71</b>    | <b>81</b>    | <b>71</b>    | <b>81</b>    | <b>124</b>   | <b>56</b>    | <b>46</b>               | <b>66</b>   | <b>75</b>               | <b>57</b>               | <b>72.8</b>                  |
| <b>Total Injuries</b>                    |                    | <b>50</b>    | <b>64</b>    | <b>52</b>    | <b>72</b>    | <b>38</b>    | <b>51</b>    | <b>48</b>               | <b>56</b>   | <b>65</b>               | <b>87</b>               | <b>58.3</b>                  |

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada, adapted from the Transportation Safety Board

**Table S5: Railways Under Federal Jurisdiction, Crossing and Trespasser Accidents, 2009–2018**

|                             | 2009       | 2010       | 2011       | 2012       | 2013 <sup>R</sup> | 2014       | 2015 <sup>R</sup> | 2016       | 2017 <sup>R</sup> | 2018 <sup>P</sup> | Average<br>2009 - 2018 |
|-----------------------------|------------|------------|------------|------------|-------------------|------------|-------------------|------------|-------------------|-------------------|------------------------|
| <b>Crossing Collisions</b>  | <b>188</b> | <b>180</b> | <b>171</b> | <b>192</b> | <b>184</b>        | <b>185</b> | <b>165</b>        | <b>133</b> | <b>143</b>        | <b>167</b>        | <b>170.8</b>           |
| Public automated            | 101        | 87         | 89         | 97         | 107               | 86         | 79                | 69         | 70                | 86                | 87.1                   |
| Public passive              | 56         | 67         | 59         | 73         | 65                | 68         | 52                | 36         | 47                | 52                | 57.5                   |
| Private                     | 30         | 24         | 15         | 18         | 10                | 27         | 28                | 24         | 21                | 28                | 22.5                   |
| Farm                        | 1          | 2          | 8          | 4          | 2                 | 4          | 6                 | 4          | 5                 | 1                 | 3.7                    |
| Unknown                     | 0          | 0          | 0          | 0          | 0                 | 0          | 0                 | 0          | 0                 | 0                 | 0.0                    |
| <b>Trespasser Accidents</b> | <b>71</b>  | <b>81</b>  | <b>66</b>  | <b>71</b>  | <b>56</b>         | <b>54</b>  | <b>51</b>         | <b>70</b>  | <b>80</b>         | <b>69</b>         | <b>66.9</b>            |
| Fatalities                  | 52         | 55         | 43         | 44         | 42                | 32         | 30                | 47         | 53                | 34                | 43.2                   |
| Serious Injuries            | 15         | 19         | 21         | 22         | 10                | 21         | 17                | 20         | 22                | 30                | 19.7                   |
| Alberta                     | 4          | 9          | 7          | 9          | 7                 | 10         | 5                 | 11         | 8                 | 10                | 8.0                    |
| British Columbia            | 12         | 17         | 13         | 11         | 8                 | 13         | 12                | 22         | 18                | 12                | 13.8                   |
| Manitoba                    | 1          | 3          | 1          | 2          | 2                 | 2          | 1                 | 4          | 4                 | 3                 | 2.3                    |
| New Brunswick               | 3          | 1          | 2          | 1          | 0                 | 0          | 1                 | 1          | 0                 | 0                 | 0.9                    |
| Newfoundland and Labrador   | 0          | 0          | 0          | 0          | 0                 | 0          | 0                 | 0          | 0                 | 0                 | 0.0                    |
| Nova Scotia                 | 0          | 0          | 1          | 0          | 0                 | 0          | 0                 | 1          | 1                 | 0                 | 0.3                    |
| Ontario                     | 35         | 35         | 32         | 31         | 30                | 21         | 23                | 25         | 36                | 31                | 29.9                   |
| Quebec                      | 12         | 13         | 8          | 11         | 7                 | 6          | 5                 | 3          | 12                | 12                | 8.9                    |
| Saskatchewan                | 4          | 3          | 2          | 6          | 2                 | 2          | 4                 | 3          | 1                 | 1                 | 2.8                    |

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada, adapted from the Transportation Safety Board

**Table S6: Road Casualty Collisions, Fatalities and Injuries, with Rates (per 10,000 MVR and Billion Vehicle-Kilometres), 2008–2017**

| Year                     | Casualty<br>Collisions <sup>1R</sup> | Fatalities <sup>2R</sup> | Injuries <sup>3R</sup> | MVR<br>(thousands) | Vehicle-<br>Kilometres<br>(millions) | Fatality<br>Rate/10,000<br>MVR | Injury<br>Rate/10,000<br>MVR | Fatality Rate/<br>Billion<br>Vehicle-Kms | Injury Rate <sup>R</sup> /<br>Billion<br>Vehicle-Kms |
|--------------------------|--------------------------------------|--------------------------|------------------------|--------------------|--------------------------------------|--------------------------------|------------------------------|------------------------------------------|------------------------------------------------------|
| 2008                     | 129,764                              | 2,431                    | 176,394                | 21,087             | 325,611                              | 1.2                            | 83.7                         | 7.5                                      | 541.7                                                |
| 2009                     | 125,456                              | 2,216                    | 170,770                | 21,387             | 333,287                              | 1.0                            | 79.8                         | 6.6                                      | 512.4                                                |
| 2010                     | 125,636                              | 2,238                    | 172,081                | 21,848             | 335,900                              | 1.0                            | 78.8                         | 6.7                                      | 512.3                                                |
| 2011                     | 124,199                              | 2,023                    | 167,741                | 22,247             | 337,433                              | 0.9                            | 75.4                         | 6.0                                      | 497.1                                                |
| 2012 <sup>R</sup>        | 124,683                              | 2,075                    | 166,728                | 22,366             | 340,475                              | 0.9                            | 74.5                         | 6.1                                      | 489.7                                                |
| 2013 <sup>R</sup>        | 122,143                              | 1,951                    | 164,525                | 23,006             | 352,367                              | 0.8                            | 71.5                         | 5.5                                      | 466.9                                                |
| 2014 <sup>R</sup>        | 116,278                              | 1,846                    | 156,366                | 23,539             | 358,518                              | 0.8                            | 66.4                         | 5.1                                      | 436.1                                                |
| 2015 <sup>R</sup>        | 119,545                              | 1,895                    | 161,056                | 23,924             | 365,854                              | 0.8                            | 67.3                         | 5.2                                      | 440.2                                                |
| 2016 <sup>R</sup>        | 118,204                              | 1,895                    | 163,245                | 24,270             | 374,740                              | 0.8                            | 67.3                         | 5.1                                      | 435.6                                                |
| 2017 <sup>P</sup>        | 113,237                              | 1,841                    | 151,248                | 24,567             | 382,510                              | 0.7                            | 61.6                         | 4.8                                      | 395.4                                                |
| <b>2008–2017 Average</b> | <b>121,915</b>                       | <b>2,041</b>             | <b>165,015</b>         | <b>22,824</b>      | <b>350,670</b>                       | <b>0.9</b>                     | <b>72.6</b>                  | <b>5.9</b>                               | <b>472.7</b>                                         |

Notes: R= Revised data. P= Preliminary data. MVR= Motor vehicle registrations.

Data for Ontario and Alberta are preliminary for 2017. Data for New Brunswick and Injury data for Nova Scotia were estimated.

1 "Casualty collisions" exclude collisions involving property damage only.

2 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence.

3 "Injuries" include all those who suffered any visible injury or complained of pain.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Motor Vehicle Registrations: 2007–2016: Statistics Canada, CANSIM, Table 405-0004

Vehicle-Kilometres: Statistics Canada, Catalogue No. 53-223-XIE, "Canadian Vehicle Survey". Vehicle-kilometres are estimated for 2010–2017

**Table S7: Road Casualty Rates (Fatalities and Injuries per Billion Vehicle-Kilometres) by Province/Territory, 2016 and 2017**

|                           | Fatalities <sup>1</sup> |                   | Injuries <sup>2</sup> |                   |
|---------------------------|-------------------------|-------------------|-----------------------|-------------------|
|                           | 2016 <sup>R</sup>       | 2017 <sup>P</sup> | 2016 <sup>R</sup>     | 2017 <sup>P</sup> |
| <b>Canada</b>             | <b>5.1</b>              | <b>4.8</b>        | <b>435.6</b>          | <b>404.9</b>      |
| Newfoundland and Labrador | 7.7                     | 6.0               | 539.5                 | 513.0             |
| Prince Edward Island      | 7.3                     | 9.1               | 356.7                 | 403.7             |
| Nova Scotia               | 4.6                     | 4.0               | 240.8                 | 414.5             |
| New Brunswick             | 5.8                     | 5.7               | 314.0                 | 307.6             |
| Quebec                    | 4.6                     | 4.6               | 491.5                 | 475.5             |
| Ontario                   | 4.0                     | 4.0               | 425.1                 | 357.1             |
| Manitoba                  | 7.3                     | 4.9               | 859.1                 | 844.4             |
| Saskatchewan              | 8.7                     | 6.8               | 388.0                 | 311.1             |
| Alberta                   | 4.8                     | 4.8               | 269.6                 | 273.1             |
| British Columbia          | 7.3                     | 6.9               | 560.4                 | 523.5             |
| Yukon                     | 6.0                     | 10.3              | 323.8                 | 392.1             |
| Northwest Territories     | 9.8                     | 7.2               | 304.7                 | 241.0             |
| Nunavut                   | 51.3                    | 0.0               | 1,000.0               | 575.0             |

Notes: R= Revised data. P= Preliminary data.

Data for Ontario and Alberta are preliminary for 2017. Data for New Brunswick and Injury data for Nova Scotia were estimated. Vehicle-kilometres are estimated. Rate-based data in smaller jurisdictions have a high level of fluctuation due to their small sample size.

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence.

2 "Injuries" include all those who suffered any visible injury or complained of pain.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Vehicle-Kilometres: Statistics Canada, Catalogue No. 53-223-XIE, "Canadian Vehicle Survey".

**Table S8: Commercial and Other Vehicles Involved in Fatal Collisions by Vehicle Type, 2012–2017**

| Vehicle Type                                                      | 2012         | 2013         | 2014         | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2012-2016<br>Average | 2017 <sup>E</sup> |
|-------------------------------------------------------------------|--------------|--------------|--------------|-------------------|-------------------|----------------------|-------------------|
| <b>Commercial Vehicles</b>                                        |              |              |              |                   |                   |                      |                   |
| All buses                                                         | 26           | 38           | 28           | 33                | 28                | 31                   | 31                |
| Straight trucks > 4,536 kg                                        | 153          | 137          | 143          | 122               | 119               | 135                  | 132               |
| Tractor-trailers                                                  | 224          | 227          | 240          | 211               | 224               | 225                  | 265               |
| <b>Total Commercial Vehicles</b>                                  | <b>403</b>   | <b>402</b>   | <b>411</b>   | <b>366</b>        | <b>371</b>        | <b>391</b>           | <b>428</b>        |
| Non-commercial vehicles involved with NSC vehicles <sup>1</sup>   | 332          | 330          | 394          | 341               | 374               | 354                  | 368               |
| <b>Total vehicles in collisions involving commercial vehicles</b> | <b>735</b>   | <b>732</b>   | <b>805</b>   | <b>707</b>        | <b>745</b>        | <b>745</b>           | <b>796</b>        |
| Total all other vehicles involved                                 | 2,192        | 2,154        | 1,965        | 2,031             | 2,137             | 2,096                | 1,997             |
| <b>Total of all vehicles involved</b>                             | <b>2,927</b> | <b>2,886</b> | <b>2,770</b> | <b>2,738</b>      | <b>2,882</b>      | <b>2,841</b>         | <b>2,793</b>      |

Notes: R= Revised data. E= Estimated data.

Data for Ontario and Alberta are preliminary for 2017. Data for New Brunswick and Injury data for Nova Scotia were estimated.

1 NSC= National Safety Code. Heavy vehicles are regulated by the National Safety Code and are often referred to as NSC vehicles. The NSC is a code of minimum performance standards for the safe operation of commercial vehicles, agreed to by all jurisdictions in Canada. For more information on the NSC see: <http://www.tc.gc.ca/eng/roadsafety/safevehicles-motorcarriers-safetycode-index-290.htm>

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

**Table S9: Fatalities<sup>1</sup> Resulting from Commercial and Other Vehicles Involved in Fatal Collisions by Vehicle Type, 2012–2017**

| <i>Vehicle Type</i>                                                 | <i>2012</i>  | <i>2013</i>  | <i>2014<sup>R</sup></i> | <i>2015<sup>R</sup></i> | <i>2016<sup>R</sup></i> | <i>2012-2016<br/>Average</i> | <i>2017<sup>E</sup></i> |
|---------------------------------------------------------------------|--------------|--------------|-------------------------|-------------------------|-------------------------|------------------------------|-------------------------|
| All buses                                                           | 14           | 10           | 4                       | 3                       | 5                       | 7                            | 4                       |
| Straight trucks > 4,536 kg                                          | 28           | 21           | 20                      | 17                      | 15                      | 20                           | 20                      |
| Tractor-trailers                                                    | 27           | 33           | 33                      | 26                      | 36                      | 31                           | 41                      |
| <b>Commercial vehicle occupant total</b>                            | <b>69</b>    | <b>64</b>    | <b>57</b>               | <b>46</b>               | <b>56</b>               | <b>58</b>                    | <b>65</b>               |
| Occupants of other vehicles involved with commercial vehicles       | 272          | 270          | 300                     | 300                     | 256                     | 280                          | 273                     |
| Bicyclists                                                          | 15           | 18           | 10                      | 7                       | 13                      | 13                           | 12                      |
| Pedestrians                                                         | 49           | 53           | 47                      | 41                      | 49                      | 48                           | 50                      |
| <b>Total fatalities in collisions involving commercial vehicles</b> | <b>405</b>   | <b>405</b>   | <b>414</b>              | <b>394</b>              | <b>374</b>              | <b>409</b>                   | <b>400</b>              |
| <b>Fatalities in all other collisions</b>                           | <b>1,670</b> | <b>1,546</b> | <b>1,432</b>            | <b>1,501</b>            | <b>1,521</b>            | <b>1,542</b>                 | <b>1,441</b>            |
| <b>Total</b>                                                        | <b>2,075</b> | <b>1,951</b> | <b>1,846</b>            | <b>1,895</b>            | <b>1,895</b>            | <b>1,951</b>                 | <b>1,841</b>            |

Notes: R= Revised data. E= Estimated data.

Data for Ontario and Alberta are preliminary for 2017. Data for New Brunswick and Injury data for Nova Scotia were estimated.

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

**Table S10: Fatalities<sup>1</sup> by Road User Class, 2012–2017**

| <i>Road User Class</i> | <i>2012</i>  | <i>2013</i>  | <i>2014<sup>R</sup></i> | <i>2015<sup>R</sup></i> | <i>2016<sup>R</sup></i> | <i>2012-2016<br/>Average</i> | <i>2017<sup>E</sup></i> |
|------------------------|--------------|--------------|-------------------------|-------------------------|-------------------------|------------------------------|-------------------------|
| Drivers                | 1,025        | 964          | 920                     | 914                     | 886                     | 942                          | 930                     |
| Passengers             | 457          | 369          | 352                     | 353                     | 327                     | 372                          | 313                     |
| Pedestrians            | 326          | 306          | 301                     | 300                     | 345                     | 316                          | 299                     |
| Bicyclists             | 63           | 69           | 42                      | 49                      | 48                      | 54                           | 48                      |
| Motorcyclists          | 175          | 198          | 190                     | 210                     | 211                     | 197                          | 200                     |
| Not stated             | 29           | 45           | 41                      | 69                      | 78                      | 52                           | 51                      |
| <b>Total</b>           | <b>2,075</b> | <b>1,951</b> | <b>1,846</b>            | <b>1,895</b>            | <b>1,895</b>            | <b>1,932</b>                 | <b>1,841</b>            |

Notes: R= Revised data. E= Estimated data.

Data for Ontario and Alberta are preliminary for 2017. Data for New Brunswick and Injury data for Nova Scotia were estimated.

1 "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

**Table S11: Vehicles Involved in Fatal Collisions by Vehicle Type, 2012–2017**

| <i>Vehicle Types</i>             | <i>2012</i>  | <i>2013</i>  | <i>2014</i>  | <i>2015<sup>R</sup></i> | <i>2016<sup>R</sup></i> | <i>2012-2016<br/>Average</i> | <i>2017<sup>E</sup></i> |
|----------------------------------|--------------|--------------|--------------|-------------------------|-------------------------|------------------------------|-------------------------|
| Automobile                       | 1,416        | 1,356        | 1,222        | 1,306                   | 1,382                   | 1,336                        | 1,328                   |
| Passenger vans                   | 180          | 207          | 195          | 171                     | 157                     | 182                          | 171                     |
| Light utility vehicles           | 58           | 45           | 58           | 61                      | 83                      | 61                           | 44                      |
| Pickup trucks                    | 380          | 374          | 405          | 351                     | 367                     | 375                          | 345                     |
| Cargo vans                       | 42           | 42           | 36           | 31                      | 30                      | 36                           | 49                      |
| Other trucks/vans < 4,536kg      | 95           | 80           | 95           | 101                     | 97                      | 94                           | 84                      |
| Trucks                           |              |              |              |                         |                         |                              |                         |
| Tractor-trailers                 | 224          | 227          | 240          | 211                     | 224                     | 225                          | 265                     |
| Trucks > 4,536 kg                | 153          | 137          | 143          | 122                     | 119                     | 135                          | 132                     |
| Bus                              |              |              |              |                         |                         |                              |                         |
| School                           | 4            | 7            | 5            | 10                      | 11                      | 7                            | 9                       |
| Urban                            | 11           | 14           | 13           | 11                      | 7                       | 11                           | 12                      |
| Intercity                        | 3            | 4            | 2            | 4                       | 1                       | 3                            | 2                       |
| Bus unspecified                  | 8            | 13           | 8            | 8                       | 9                       | 9                            | 8                       |
| Motorcycles and mopeds           | 182          | 210          | 195          | 208                     | 227                     | 204                          | 208                     |
| Bicycles                         | 69           | 70           | 45           | 51                      | 57                      | 58                           | 48                      |
| Farm and construction equipments | 19           | 18           | 30           | 13                      | 36                      | 23                           | 24                      |
| Snowmobiles                      | 15           | 11           | 10           | 16                      | 8                       | 12                           | 11                      |
| Streetcars                       | 3            | 4            | 4            | 5                       | 2                       | 4                            | 3                       |
| Motorhomes                       | 1            | 7            | 4            | 5                       | 2                       | 4                            | 4                       |
| Off-road vehicles                | 25           | 28           | 26           | 31                      | 31                      | 28                           | 17                      |
| Fire engines                     | 2            | 2            | 0            | 1                       | 0                       | 1                            | 0                       |
| Others                           | 22           | 15           | 13           | 14                      | 13                      | 15                           | 15                      |
| Unknown vehicle types            | 15           | 15           | 21           | 7                       | 19                      | 15                           | 14                      |
| <b>Total</b>                     | <b>2,927</b> | <b>2,886</b> | <b>2,770</b> | <b>2,738</b>            | <b>2,882</b>            | <b>2,841</b>                 | <b>2,793</b>            |

Notes: R= Revised data. E= Estimated data.

Data for Ontario and Alberta are preliminary for 2017. Data for New Brunswick and Injury data for Nova Scotia were estimated.

Sources: Collision statistics: Transport Canada, Motor Vehicle Safety, National Collision Database

Table S12: Marine Occurrences, 2008–2018

|                                                         | 2008       | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>P</sup> | 2018 <sup>P</sup> | Average<br>2008 - 2017 |
|---------------------------------------------------------|------------|------------|------------|------------|------------|------------|------------|-------------------|-------------------|-------------------|-------------------|------------------------|
| <i>Canadian Vessels</i>                                 |            |            |            |            |            |            |            |                   |                   |                   |                   |                        |
| <b>Accidents</b>                                        | <b>335</b> | <b>293</b> | <b>274</b> | <b>243</b> | <b>209</b> | <b>253</b> | <b>244</b> | <b>209</b>        | <b>259</b>        | <b>222</b>        | <b>215</b>        | <b>254</b>             |
| Shipping Accidents                                      | 279        | 251        | 227        | 212        | 170        | 200        | 205        | 180               | 227               | 189               | 179               | 214                    |
| Abandoned                                               | 1          | 2          | 0          | 4          | 2          | 1          | 1          | 2                 | 1                 | 1                 | 0                 | 2                      |
| Capsizes                                                | 14         | 9          | 8          | 2          | 6          | 7          | 1          | 9                 | 5                 | 4                 | 7                 | 7                      |
| Collision                                               | 27         | 19         | 15         | 18         | 12         | 19         | 23         | 16                | 31                | 36                | 24                | 22                     |
| Explosion                                               | 3          | 5          | 2          | 4          | 3          | 3          | 1          | 2                 | 1                 | 0                 | 1                 | 2                      |
| Fire                                                    | 55         | 41         | 45         | 43         | 28         | 24         | 27         | 26                | 43                | 26                | 29                | 36                     |
| Grounding                                               | 65         | 100        | 88         | 64         | 57         | 60         | 50         | 54                | 58                | 47                | 50                | 64                     |
| Sank                                                    | 31         | 20         | 20         | 10         | 10         | 13         | 25         | 16                | 23                | 19                | 14                | 19                     |
| Striking                                                | 50         | 40         | 33         | 47         | 41         | 41         | 41         | 29                | 42                | 31                | 37                | 40                     |
| Sustains Damage Render Unseaworthy/Unfit<br>For Purpose | 33         | 15         | 16         | 20         | 11         | 32         | 36         | 26                | 23                | 25                | 17                | 24                     |
| <b>Accident Aboard Ship</b>                             | <b>56</b>  | <b>42</b>  | <b>47</b>  | <b>31</b>  | <b>39</b>  | <b>53</b>  | <b>39</b>  | <b>29</b>         | <b>32</b>         | <b>33</b>         | <b>36</b>         | <b>40</b>              |
| <b>Fatalities</b>                                       | <b>24</b>  | <b>14</b>  | <b>18</b>  | <b>13</b>  | <b>12</b>  | <b>16</b>  | <b>11</b>  | <b>18</b>         | <b>6</b>          | <b>8</b>          | <b>19</b>         | <b>14</b>              |
| Shipping Accident                                       | 17         | 7          | 11         | 3          | 4          | 10         | 4          | 12                | 6                 | 4                 | 14                | 8                      |
| Accident Aboard Ship                                    | 7          | 7          | 7          | 10         | 8          | 6          | 7          | 6                 | 0                 | 4                 | 5                 | 6                      |
| <b>Injuries</b>                                         | <b>51</b>  | <b>40</b>  | <b>43</b>  | <b>25</b>  | <b>36</b>  | <b>43</b>  | <b>32</b>  | <b>28</b>         | <b>37</b>         | <b>33</b>         | <b>36</b>         | <b>37</b>              |
| Shipping Accident                                       | 4          | 5          | 4          | 2          | 6          | 0          | 1          | 4                 | 5                 | 3                 | 3                 | 3                      |
| Accident Aboard Ship                                    | 47         | 35         | 39         | 23         | 30         | 43         | 31         | 24                | 32                | 30                | 33                | 33                     |
| <b>Type of Vessels Involved in Shipping</b>             |            |            |            |            |            |            |            |                   |                   |                   |                   |                        |
| <b>Accidents (by Vessel Category)</b>                   | <b>270</b> | <b>237</b> | <b>227</b> | <b>205</b> | <b>180</b> | <b>196</b> | <b>203</b> | <b>181</b>        | <b>212</b>        | <b>176</b>        | <b>149</b>        | <b>209</b>             |
| <b>Commercial</b>                                       | <b>129</b> | <b>127</b> | <b>111</b> | <b>111</b> | <b>99</b>  | <b>114</b> | <b>107</b> | <b>98</b>         | <b>130</b>        | <b>106</b>        | <b>89</b>         | <b>113</b>             |
| Barge                                                   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0                      |
| Cargo - Liquid                                          | 4          | 6          | 6          | 5          | 1          | 3          | 7          | 4                 | 4                 | 7                 | 2                 | 5                      |
| Cargo - Solid                                           | 34         | 23         | 30         | 26         | 28         | 31         | 29         | 18                | 20                | 13                | 28                | 25                     |
| Ferry                                                   | 27         | 26         | 19         | 23         | 18         | 10         | 18         | 17                | 19                | 11                | 10                | 19                     |
| Passenger                                               | 8          | 14         | 11         | 12         | 13         | 13         | 11         | 11                | 14                | 13                | 7                 | 12                     |
| Survey/Research                                         | 1          | 1          | 1          | 1          | 3          | 1          | 3          | 2                 | 2                 | 1                 | 0                 | 2                      |
| Service Ship                                            | 22         | 32         | 25         | 23         | 17         | 34         | 18         | 29                | 47                | 35                | 23                | 28                     |
| Tanker                                                  | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0                      |
| Tug                                                     | 26         | 15         | 16         | 15         | 18         | 20         | 20         | 17                | 21                | 25                | 19                | 19                     |
| Sailing Vessel                                          | 4          | 3          | 2          | 1          | 0          | 1          | 1          | 0                 | 3                 | 1                 | 0                 | 2                      |
| Ships Boat                                              | 3          | 7          | 1          | 5          | 1          | 1          | 0          | 0                 | 0                 | 0                 | 0                 | 2                      |
| Other                                                   | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0                      |
| <b>Fishing</b>                                          | <b>132</b> | <b>103</b> | <b>105</b> | <b>89</b>  | <b>69</b>  | <b>81</b>  | <b>87</b>  | <b>76</b>         | <b>82</b>         | <b>70</b>         | <b>52</b>         | <b>89</b>              |
| <b>Non-commercial</b>                                   | <b>9</b>   | <b>7</b>   | <b>11</b>  | <b>5</b>   | <b>12</b>  | <b>1</b>   | <b>9</b>   | <b>7</b>          | <b>0</b>          | <b>0</b>          | <b>8</b>          | <b>6</b>               |
| <b>Commercial Accident Rate</b>                         |            |            |            |            |            |            |            |                   |                   |                   |                   |                        |
| Commercial vessel accidents                             |            |            |            |            |            |            |            |                   |                   |                   |                   |                        |
| (>15 GT, Canadian, non-fishing, non-passenger)          | 145        | 129        | 121        | 97         | 96         | 63         | 65         | 75                | 94                | 81                | 115               | 97                     |
| Million vessel-kms                                      | 6.51       | 5.57       | 6.38       | 5.81       | 6.09       | 6.16       | 6.13       | 6.07              | 6.10              | 7.10              | 7.10              | 6                      |
| Accident Rate/million vessel-kms                        | 22.3       | 23.2       | 19.0       | 16.7       | 15.8       | 10.2       | 10.6       | 12.4              | 15.4              | 11.4              | 16.2              | 16                     |
| Vessel trips                                            | 29,717     | 24,871     | 25,539     | 28,269     | 28,800     | 29,000     | 28,700     | 28,550            | 28,700            | 28,701            | 28,701            | 28,085                 |
| Accident Rate/thousand vessel trips                     | 4.9        | 5.2        | 4.7        | 3.4        | 3.3        | 2.2        | 2.3        | 2.6               | 3.3               | 2.8               | 4.0               | 3                      |
| <b>Vessels Lost</b>                                     | <b>32</b>  | <b>27</b>  | <b>25</b>  | <b>22</b>  | <b>22</b>  | <b>20</b>  | <b>18</b>  | <b>23</b>         | <b>17</b>         | <b>9</b>          | <b>18</b>         | <b>22</b>              |
| Commercial                                              | 7          | 11         | 2          | 1          | 1          | 2          | 2          | 8                 | 3                 | 2                 | 8                 | 4                      |
| Fishing                                                 | 25         | 16         | 23         | 21         | 21         | 18         | 16         | 15                | 14                | 7                 | 10                | 18                     |
| <b>Incident</b>                                         | <b>234</b> | <b>190</b> | <b>191</b> | <b>175</b> | <b>217</b> | <b>677</b> | <b>684</b> | <b>584</b>        | <b>609</b>        | <b>686</b>        | <b>690</b>        | <b>425</b>             |
| <i>Foreign Vessels</i>                                  |            |            |            |            |            |            |            |                   |                   |                   |                   |                        |
| <b>Accidents</b>                                        | <b>47</b>  | <b>65</b>  | <b>63</b>  | <b>52</b>  | <b>59</b>  | <b>46</b>  | <b>57</b>  | <b>39</b>         | <b>48</b>         | <b>56</b>         | <b>68</b>         | <b>53</b>              |
| Shipping Accident                                       | 34         | 50         | 47         | 42         | 46         | 38         | 44         | 33                | 37                | 44                | 55                | 42                     |
| Accident Aboard Ship                                    | 13         | 15         | 16         | 10         | 13         | 8          | 13         | 6                 | 11                | 12                | 13                | 12                     |
| <b>Type of Vessels Involved in Shipping</b>             |            |            |            |            |            |            |            |                   |                   |                   |                   |                        |
| <b>Accidents (by Vessel Category)</b>                   | <b>52</b>  | <b>71</b>  | <b>58</b>  | <b>54</b>  | <b>48</b>  | <b>43</b>  | <b>55</b>  | <b>39</b>         | <b>52</b>         | <b>57</b>         | <b>50</b>         | <b>53</b>              |
| Commercial                                              | 51         | 68         | 56         | 50         | 46         | 41         | 54         | 37                | 49                | 50                | 41                | 50                     |
| Fishing                                                 | 1          | 3          | 2          | 4          | 2          | 2          | 1          | 2                 | 3                 | 7                 | 9                 | 3                      |
| <b>Fatalities</b>                                       | <b>6</b>   | <b>1</b>   | <b>0</b>   | <b>3</b>   | <b>2</b>   | <b>2</b>   | <b>1</b>   | <b>1</b>          | <b>1</b>          | <b>3</b>          | <b>3</b>          | <b>2</b>               |
| Shipping Accident                                       | 4          | 0          | 0          | 0          | 1          | 0          | 0          | 1                 | 0                 | 0                 | 2                 | 1                      |
| Accident Aboard Ship                                    | 2          | 1          | 0          | 3          | 1          | 2          | 1          | 0                 | 1                 | 3                 | 1                 | 1                      |
| <b>Injuries</b>                                         | <b>9</b>   | <b>14</b>  | <b>32</b>  | <b>7</b>   | <b>12</b>  | <b>6</b>   | <b>14</b>  | <b>14</b>         | <b>11</b>         | <b>13</b>         | <b>15</b>         | <b>13</b>              |
| Shipping Accident                                       | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 8                 | 0                 | 4                 | 3                 | 1                      |
| Accident Aboard Ship                                    | 9          | 14         | 31         | 7          | 12         | 6          | 14         | 6                 | 11                | 9                 | 12                | 12                     |
| <b>Vessels Lost</b>                                     | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>          | <b>1</b>          | <b>3</b>          | <b>1</b>          | <b>1</b>               |
| <b>Incidents</b>                                        | <b>51</b>  | <b>59</b>  | <b>33</b>  | <b>41</b>  | <b>53</b>  | <b>57</b>  | <b>63</b>  | <b>123</b>        | <b>159</b>        | <b>196</b>        | <b>247</b>        | <b>84</b>              |

Table S12 continues on the next page

|                                               | 2008       | 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>P</sup> | 2018 <sup>P</sup> | Average<br>2008 - 2017 |
|-----------------------------------------------|------------|------------|------------|------------|------------|------------|------------|-------------------|-------------------|-------------------|-------------------|------------------------|
| <i>Total Marine Occurrences</i>               |            |            |            |            |            |            |            |                   |                   |                   |                   |                        |
| <b>Accidents</b>                              | <b>382</b> | <b>358</b> | <b>337</b> | <b>295</b> | <b>268</b> | <b>299</b> | <b>301</b> | <b>248</b>        | <b>307</b>        | <b>278</b>        | <b>279</b>        | <b>307</b>             |
| Shipping Accident                             | 313        | 301        | 274        | 254        | 216        | 238        | 249        | 213               | 264               | 233               | 234               | 256                    |
| Accident Aboard Ship                          | 69         | 57         | 63         | 41         | 52         | 61         | 52         | 35                | 43                | 45                | 49                | 52                     |
| <b>Fatalities</b>                             | <b>30</b>  | <b>15</b>  | <b>18</b>  | <b>16</b>  | <b>14</b>  | <b>18</b>  | <b>12</b>  | <b>19</b>         | <b>7</b>          | <b>11</b>         | <b>22</b>         | <b>16</b>              |
| <b>Injuries</b>                               | <b>60</b>  | <b>54</b>  | <b>75</b>  | <b>32</b>  | <b>48</b>  | <b>49</b>  | <b>46</b>  | <b>42</b>         | <b>48</b>         | <b>46</b>         | <b>51</b>         | <b>50</b>              |
| <b>Vessels Involved in Shipping Accidents</b> | <b>322</b> | <b>308</b> | <b>285</b> | <b>259</b> | <b>228</b> | <b>239</b> | <b>258</b> | <b>220</b>        | <b>264</b>        | <b>233</b>        | <b>199</b>        | <b>262</b>             |
| <b>Vessels Lost</b>                           | <b>33</b>  | <b>27</b>  | <b>25</b>  | <b>22</b>  | <b>23</b>  | <b>20</b>  | <b>20</b>  | <b>23</b>         | <b>18</b>         | <b>12</b>         | <b>19</b>         | <b>22</b>              |
| <b>Incidents (Mandatory reporting)</b>        | <b>285</b> | <b>249</b> | <b>224</b> | <b>216</b> | <b>270</b> | <b>734</b> | <b>747</b> | <b>707</b>        | <b>768</b>        | <b>882</b>        | <b>909</b>        | <b>508</b>             |

Notes: R= Revised data. P= Preliminary data. GT= Gross tons.

In 2014 the Transportation Safety Board (TSB) renewed their occurrence reporting regulations and introduced a new database to track occurrences. The use of new regulations and a new reporting system has lead to an increase in reported occurrences, primarily incidents.

Canadian vessel statistics comprise all occurrences where at least one Canadian vessel was involved (may also include foreign vessels); foreign vessel statistics comprise occurrences in Canadian waters where no Canadian vessel was involved.

The Accident Rate is calculated for shipping accidents of Canadian commercial vessels (excluding all fishing and passenger vessels and all vessels under 15GT) of >15 gross tons, as vessel activity is captured for these vessel sizes only.

The Transport Canada (TC) rate differs slightly from the Transportation Safety Board (TSB) rate due to the capture of passenger vessels by Transport Canada.

For international voyages, vessel-kilometres are calculated within the 12 nautical mile limit.

Injuries include both serious and minor injuries.

All definitions can be found in the TSB annual report, Appendix B.

Source: Transportation Safety Board

**Table S13: Small Canadian Vessels Engaged in Commercial Activity—Marine Occurrences, 2008–2018**

|                                               | 2008      | 2009       | 2010      | 2011      | 2012      | 2013       | 2014       | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>P</sup> | 2018       | 2008 - 2017<br>Average |
|-----------------------------------------------|-----------|------------|-----------|-----------|-----------|------------|------------|-------------------|-------------------|-------------------|------------|------------------------|
| <b>Total Accidents</b>                        | <b>95</b> | <b>103</b> | <b>88</b> | <b>90</b> | <b>63</b> | <b>80</b>  | <b>79</b>  | <b>71</b>         | <b>97</b>         | <b>69</b>         | <b>104</b> | <b>84</b>              |
| Shipping Accident                             | 89        | 93         | 80        | 79        | 58        | 67         | 66         | 64                | 91                | 65                | 88         | 75                     |
| Accident Aboard Ship                          | 6         | 10         | 8         | 11        | 5         | 13         | 13         | 7                 | 6                 | 4                 | 16         | 8                      |
| <b>Vessels Involved in Shipping Accidents</b> |           |            |           |           |           |            |            |                   |                   |                   |            |                        |
| <b>(By type of vessel)</b>                    | <b>86</b> | <b>89</b>  | <b>76</b> | <b>76</b> | <b>57</b> | <b>67</b>  | <b>65</b>  | <b>64</b>         | <b>91</b>         | <b>65</b>         | <b>88</b>  | <b>74</b>              |
| Barge                                         | 0         | 0          | 0         | 0         | 0         | 0          | 0          | 0                 | 0                 | 0                 | 0          | 0                      |
| Cargo - Liquid                                | 0         | 0          | 0         | 0         | 0         | 0          | 0          | 0                 | 0                 | 0                 | 0          | 0                      |
| Cargo - Solid                                 | 1         | 2          | 0         | 0         | 1         | 0          | 0          | 0                 | 1                 | 0                 | 0          | 1                      |
| Ferry                                         | 2         | 0          | 0         | 0         | 0         | 1          | 1          | 0                 | 2                 | 0                 | 1          | 1                      |
| Passenger                                     | 3         | 6          | 1         | 1         | 1         | 4          | 4          | 6                 | 5                 | 8                 | 8          | 4                      |
| Survey/Research                               | 1         | 1          | 0         | 0         | 2         | 0          | 0          | 0                 | 0                 | 0                 | 0          | 0                      |
| Service Ship                                  | 8         | 15         | 10        | 11        | 11        | 17         | 3          | 15                | 17                | 18                | 11         | 13                     |
| Tanker                                        | 0         | 0          | 0         | 0         | 0         | 0          | 0          | 0                 | 0                 | 0                 | 0          | 0                      |
| Tug                                           | 10        | 3          | 5         | 4         | 6         | 7          | 7          | 8                 | 14                | 10                | 12         | 7                      |
| Sailing Vessel                                | 1         | 2          | 2         | 0         | 0         | 1          | 0          | 0                 | 0                 | 1                 | 0          | 1                      |
| Ships Boat                                    | 3         | 6          | 1         | 4         | 0         | 0          | 0          | 0                 | 0                 | 0                 | 0          | 1                      |
| Fishing                                       | 57        | 54         | 57        | 56        | 36        | 37         | 50         | 35                | 52                | 28                | 56         | 46                     |
| Other                                         | 0         | 0          | 0         | 0         | 0         | 0          | 0          | 0                 | 0                 | 0                 | 0          | 0                      |
| <b>Fatalities</b>                             | <b>12</b> | <b>5</b>   | <b>10</b> | <b>8</b>  | <b>5</b>  | <b>7</b>   | <b>5</b>   | <b>5</b>          | <b>6</b>          | <b>4</b>          | <b>17</b>  | <b>7</b>               |
| <b>Injuries</b>                               | <b>4</b>  | <b>10</b>  | <b>9</b>  | <b>8</b>  | <b>9</b>  | <b>10</b>  | <b>11</b>  | <b>10</b>         | <b>10</b>         | <b>5</b>          | <b>17</b>  | <b>9</b>               |
| <b>Vessels Lost</b>                           | <b>13</b> | <b>12</b>  | <b>11</b> | <b>12</b> | <b>12</b> | <b>9</b>   | <b>9</b>   | <b>9</b>          | <b>10</b>         | <b>5</b>          | <b>12</b>  | <b>10</b>              |
| <b>Incidents</b>                              | <b>87</b> | <b>57</b>  | <b>68</b> | <b>68</b> | <b>60</b> | <b>328</b> | <b>309</b> | <b>238</b>        | <b>238</b>        | <b>257</b>        | <b>465</b> | <b>171</b>             |

Notes: R= Revised data. P= Preliminary data.

In 2014 the Transportation Safety Board renewed their occurrence reporting regulations and introduced a new database to track occurrences. This allowed TSB to capture more marine incidents.

When the vessel activity was not reported, it is assumed that fishing is the intention of the voyage. The TSB estimates that the majority of vessels of unknown tonnage are under 15 GT, and these vessels are identified in this table.

It should be noted that statistical figures can change from year to year, as the data are acquired from a live database that is updated as information is obtained. All data is publically available on the TBS website.

All definitions can be found in the TSB annual report, Appendix B.

Source: Transportation Safety Board

**Table S14: Small Canadian Vessels Engaged in Commercial Fishing Activity—Marine Occurrences, 2008–2018**

|                                              | 2008       | 2009      | 2010       | 2011      | 2012      | 2013      | 2014      | 2015      | 2016 <sup>R</sup> | 2017 <sup>P</sup> | 2018 <sup>P</sup> | 2008 - 2017<br>Average |
|----------------------------------------------|------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-------------------|-------------------|-------------------|------------------------|
| <b>Total Accidents &gt;15 GT and ≤150 GT</b> |            |           |            |           |           |           |           |           |                   |                   |                   |                        |
| <b>Shipping Accident</b>                     | <b>66</b>  | <b>45</b> | <b>46</b>  | <b>33</b> | <b>34</b> | <b>37</b> | <b>30</b> | <b>38</b> | <b>24</b>         | <b>40</b>         | <b>43</b>         | <b>39</b>              |
| Shipping Accident Fatalities                 | 6          | 6         | 4          | 1         | 0         | 6         | 0         | 0         | 0                 | 1                 | 2                 | 2                      |
| Accident aboard ship                         | 8          | 12        | 9          | 7         | 13        | 15        | 11        | 14        | 13                | 11                | 11                | 11                     |
| Accident aboard ship fatalities              | 0          | 0         | 0          | 4         | 3         | 2         | 4         | 2         | 0                 | 2                 | 1                 | 2                      |
| <b>Vessels Lost</b>                          | <b>14</b>  | <b>11</b> | <b>14</b>  | <b>10</b> | <b>11</b> | <b>9</b>  | <b>7</b>  | <b>9</b>  | <b>6</b>          | <b>4</b>          | <b>0</b>          | <b>10</b>              |
| <b>Vessels ≤15 GT</b>                        |            |           |            |           |           |           |           |           |                   |                   |                   |                        |
| <b>Shipping Accident</b>                     | <b>47</b>  | <b>40</b> | <b>45</b>  | <b>46</b> | <b>28</b> | <b>22</b> | <b>40</b> | <b>30</b> | <b>46</b>         | <b>24</b>         | <b>46</b>         | <b>37</b>              |
| Shipping Accident Fatalities                 | 4          | 1         | 3          | 1         | 1         | 4         | 2         | 3         | 6                 | 0                 | 12                | 3                      |
| Accident aboard ship                         | 4          | 4         | 2          | 5         | 3         | 4         | 6         | 4         | 4                 | 2                 | 5                 | 4                      |
| Accident aboard ship fatalities              | 3          | 3         | 3          | 5         | 2         | 3         | 2         | 2         | 0                 | 0                 | 2                 | 2                      |
| <b>Vessels Lost</b>                          | <b>8</b>   | <b>4</b>  | <b>5</b>   | <b>11</b> | <b>9</b>  | <b>5</b>  | <b>7</b>  | <b>3</b>  | <b>5</b>          | <b>3</b>          | <b>0</b>          | <b>6</b>               |
| <b>Vessels of Unknown GT<sup>1</sup></b>     |            |           |            |           |           |           |           |           |                   |                   |                   |                        |
| <b>Shipping Accident</b>                     | <b>10</b>  | <b>14</b> | <b>12</b>  | <b>10</b> | <b>8</b>  | <b>15</b> | <b>10</b> | <b>5</b>  | <b>6</b>          | <b>4</b>          | <b>6</b>          | <b>9</b>               |
| Shipping Accident Fatalities                 | 2          | 1         | 0          | 0         | 1         | 1         | 1         | 3         | 4                 | 0                 | 0                 | 1                      |
| Accident aboard ship                         | 0          | 2         | 2          | 2         | 1         | 3         | 2         | 0         | 0                 | 0                 | 1                 | 1                      |
| Accident aboard ship fatalities              | 0          | 1         | 1          | 2         | 0         | 1         | 0         | 0         | 0                 | 0                 | 1                 | 1                      |
| <b>Vessels Lost</b>                          | <b>2</b>   | <b>1</b>  | <b>4</b>   | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>1</b>  | <b>1</b>  | <b>3</b>          | <b>0</b>          | <b>0</b>          | <b>2</b>               |
| <b>Total Shipping Accidents</b>              | <b>123</b> | <b>99</b> | <b>103</b> | <b>89</b> | <b>70</b> | <b>74</b> | <b>80</b> | <b>73</b> | <b>76</b>         | <b>68</b>         | <b>95</b>         | <b>81</b>              |
| Total Shipping Accident Fatalities           | 12         | 8         | 7          | 2         | 2         | 11        | 3         | 6         | 10                | 1                 | 14                | 6                      |
| <b>Total Accidents aboard ship</b>           | <b>12</b>  | <b>18</b> | <b>13</b>  | <b>14</b> | <b>17</b> | <b>22</b> | <b>19</b> | <b>18</b> | <b>17</b>         | <b>13</b>         | <b>17</b>         | <b>16</b>              |
| Total Accident aboard ship fatalities        | 3          | 4         | 4          | 11        | 5         | 6         | 6         | 4         | 0                 | 2                 | 4                 | 5                      |
| <b>Total Vessels Lost</b>                    | <b>24</b>  | <b>16</b> | <b>23</b>  | <b>22</b> | <b>22</b> | <b>17</b> | <b>15</b> | <b>13</b> | <b>14</b>         | <b>7</b>          | <b>0</b>          | <b>17</b>              |

Notes: R= Revised data. P= Preliminary data. GT= Gross tonnage.

1 The Transportation Safety Board considers vessels with an unknown Gross tonnage as under 15 GT. In this table, those vessels of unknown tonnage are reported separately, for greater clarity. In the rest of the report, vessels of unknown tonnage and vessels under 15 GT are included together.

It should be noted that statistical figures can change from year to year, as the data are acquired from a live database that is updated as information is obtained. All data is publicly available on the TSB website.

Source: Transportation Safety Board

**Table S15: Aviation Occurrences and Casualties Involving Aircraft Operating Under CARs, 2013–2018**

|                                                                       | 2013       | 2014       | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> | Average<br>2013–2017 |
|-----------------------------------------------------------------------|------------|------------|-------------------|-------------------|-------------------|-------------------|----------------------|
| <b>Canadian-Registered Aircraft Accidents<sup>1</sup></b>             | <b>233</b> | <b>189</b> | <b>207</b>        | <b>185</b>        | <b>190</b>        | <b>151</b>        | <b>200.8</b>         |
| <b>Type of Operation</b>                                              |            |            |                   |                   |                   |                   |                      |
| Airliner                                                              | 5          | 3          | 6                 | 1                 | 4                 | 3                 | 3.8                  |
| Commuter                                                              | 3          | 3          | 2                 | 1                 | 5                 | 0                 | 2.8                  |
| Air taxi                                                              | 20         | 19         | 18                | 19                | 20                | 19                | 19.2                 |
| Aerial work                                                           | 31         | 18         | 21                | 17                | 19                | 16                | 21.2                 |
| Private operator passenger transportation                             | 0          | 1          | 1                 | 5                 | 1                 | 1                 | 1.6                  |
| Flight training                                                       | 29         | 27         | 29                | 19                | 36                | 19                | 28.0                 |
| <b>Private/Recreational Aviation Accidents<sup>2</sup></b>            | <b>139</b> | <b>118</b> | <b>133</b>        | <b>125</b>        | <b>106</b>        | <b>94</b>         | <b>124.2</b>         |
| Airplanes                                                             | 132        | 106        | 120               | 111               | 96                | 82                | 113.0                |
| Balloons                                                              | 1          | 2          | 0                 | 0                 | 0                 | 0                 | 0.6                  |
| Gliders                                                               | 5          | 2          | 4                 | 4                 | 4                 | 1                 | 3.8                  |
| Gyroplanes                                                            | 1          | 1          | 1                 | 1                 | 1                 | 2                 | 1.0                  |
| Helicopters                                                           | 2          | 8          | 10                | 9                 | 5                 | 9                 | 6.8                  |
| <b>Canadian-Registered Basic and Advanced Ultralights<sup>R</sup></b> | <b>21</b>  | <b>26</b>  | <b>13</b>         | <b>19</b>         | <b>21</b>         | <b>16</b>         | <b>20.0</b>          |
| Others <sup>3</sup>                                                   | 6          | 1          | 0                 | 0                 | 0                 | 0                 | 1.4                  |
| <b>Fatal Accidents Involving Canadian-Registered Aircraft</b>         | <b>29</b>  | <b>9</b>   | <b>19</b>         | <b>21</b>         | <b>18</b>         | <b>16</b>         | <b>19.2</b>          |
| <b>Type of Operation</b>                                              |            |            |                   |                   |                   |                   |                      |
| Airliner                                                              | 0          | 0          | 0                 | 0                 | 1                 | 0                 | 0.2                  |
| Commuter                                                              | 1          | 0          | 0                 | 0                 | 0                 | 0                 | 0.2                  |
| Air taxi                                                              | 4          | 1          | 5                 | 1                 | 0                 | 1                 | 2.2                  |
| Aerial work                                                           | 7          | 0          | 3                 | 3                 | 2                 | 3                 | 3.0                  |
| Private operator passenger transportation                             | 0          | 0          | 0                 | 1                 | 0                 | 1                 | 0.2                  |
| Flight training                                                       | 2          | 0          | 1                 | 0                 | 5                 | 0                 | 1.6                  |
| <b>Private/Recreational Aviation<sup>2</sup></b>                      |            |            |                   |                   |                   |                   |                      |
| Aeroplanes                                                            | 13         | 8          | 10                | 14                | 10                | 9                 | 11.0                 |
| Balloons                                                              | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0.0                  |
| Gliders                                                               | 2          | 0          | 0                 | 1                 | 1                 | 0                 | 0.8                  |
| Gyroplanes                                                            | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0.0                  |
| Helicopters                                                           | 0          | 0          | 1                 | 1                 | 0                 | 3                 | 0.4                  |
| <b>Canadian-Registered Basic and Advanced Ultralights</b>             | <b>4</b>   | <b>2</b>   | <b>3</b>          | <b>4</b>          | <b>1</b>          | <b>2</b>          | <b>2.8</b>           |
| Others <sup>3</sup>                                                   | 1          | 0          | 0                 | 0                 | 0                 | 0                 | 0.2                  |
| <b>Fatalities</b>                                                     | <b>53</b>  | <b>13</b>  | <b>36</b>         | <b>29</b>         | <b>27</b>         | <b>25</b>         | <b>31.6</b>          |
| <b>Type of Operation</b>                                              |            |            |                   |                   |                   |                   |                      |
| Airliner                                                              | 0          | 0          | 0                 | 0                 | 1                 | 0                 | 0.2                  |
| Commuter                                                              | 5          | 0          | 0                 | 0                 | 0                 | 0                 | 1.0                  |
| Air taxi                                                              | 10         | 2          | 12                | 1                 | 0                 | 3                 | 5.0                  |
| Aerial work                                                           | 10         | 0          | 5                 | 3                 | 3                 | 5                 | 4.2                  |
| Private operator passenger transportation                             | 0          | 0          | 0                 | 4                 | 0                 | 0                 | 0.8                  |
| Flight training                                                       | 2          | 0          | 2                 | 0                 | 6                 | 0                 | 2.0                  |
| <b>Private/Recreational Aviation<sup>2</sup></b>                      |            |            |                   |                   |                   |                   |                      |
| Aeroplanes                                                            | 22         | 11         | 16                | 18                | 16                | 12                | 16.6                 |
| Balloons                                                              | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0.0                  |
| Gliders                                                               | 3          | 0          | 0                 | 1                 | 1                 | 0                 | 1.0                  |
| Gyroplanes                                                            | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0.0                  |
| Helicopters                                                           | 0          | 0          | 1                 | 2                 | 0                 | 5                 | 0.6                  |
| <b>Canadian-Registered Basic and Advanced Ultralights</b>             | <b>4</b>   | <b>2</b>   | <b>3</b>          | <b>4</b>          | <b>1</b>          | <b>2</b>          | <b>2.8</b>           |
| Others <sup>3</sup>                                                   | 1          | 0          | 0                 | 0                 | 0                 | 0                 | 0.2                  |

Notes: R= Revised data. P= Preliminary data. CARs= Canadian Aviation Regulations.

As some accidents may involve multiple aircraft, the number of aircraft involved may differ slightly from the total number of accidents. For definitions regarding CARs, please visit the Civil Aviation website: <http://www.tc.gc.ca/eng/acts-regulations/regulations-sor96-433.htm>.

1 Excludes aircraft accidents not operating in accordance with CARs. Ultralight aircraft are excluded.

2 Recreational aviation comprises all privately registered aircraft except those operated in accordance with CAR 604.

3 Includes State aircraft, Unmanned Air Vehicle and aircraft in the process of being registered in Canada.

Source: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of February 12, 2019

**Table S16: Summary of Aviation Occurrences Reported to the Transportation Safety Board, 2013–2018**

|                                                        | 2013       | 2014       | 2015 <sup>R</sup> | 2016       | 2017 <sup>R</sup> | 2018 <sup>P</sup> | 2013–2017<br>Average |
|--------------------------------------------------------|------------|------------|-------------------|------------|-------------------|-------------------|----------------------|
| <b>Canadian–Registered Accidents<sup>1</sup></b>       | <b>243</b> | <b>212</b> | <b>227</b>        | <b>200</b> | <b>208</b>        | <b>172</b>        | <b>218.0</b>         |
| Accidents involving aircraft operating under CARs      | 233        | 189        | 207               | 186        | 191               | 151               | 201.2                |
| Other accidents <sup>2</sup>                           | 10         | 23         | 20                | 14         | 17                | 21                | 16.8                 |
| <b>Foreign–Registered Aircraft Accidents in Canada</b> | <b>10</b>  | <b>6</b>   | <b>8</b>          | <b>8</b>   | <b>7</b>          | <b>11</b>         | <b>7.8</b>           |
| Fatal accidents                                        | 2          | 2          | 2                 | 1          | 0                 | 0                 | 1.4                  |
| Fatalities                                             | 2          | 4          | 3                 | 7          | 0                 | 0                 | 3.2                  |
| <b>Reportable Incidents</b>                            | <b>703</b> | <b>750</b> | <b>811</b>        | <b>866</b> | <b>970</b>        | <b>888</b>        | <b>820.0</b>         |
| Risk of collision/Loss of separation                   | 117        | 95         | 111               | 139        | 172               | 143               | 126.8                |
| Declared emergency                                     | 297        | 316        | 334               | 314        | 350               | 340               | 322.2                |
| Engine failure                                         | 87         | 108        | 118               | 125        | 112               | 103               | 110.0                |
| Smoke/Fire                                             | 71         | 89         | 91                | 88         | 105               | 102               | 88.8                 |
| Collision                                              | 16         | 16         | 8                 | 18         | 25                | 26                | 16.6                 |
| Other                                                  | 115        | 126        | 149               | 182        | 206               | 174               | 155.6                |

Notes: R= Revised data. P= Preliminary data. CARs= Canadian Aviation Regulations.

1 Includes gliders, balloons and gyrocopters, but not ultralights.

2 Foreign accidents, test flight accidents and non–revenue flights involved in accidents are not included in the Canadian–registered aircraft accidents for aircraft operating under CARs.

Source: Transportation Safety Board, preliminary data as of February 12, 2019

**Table S17: Canadian-Registered Aircraft (CRA) Accident Rates for Aircraft Operating Under CARs, 2013–2018**

|                                                                     | 2013          | 2014          | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> | 2013–2017<br>Average |
|---------------------------------------------------------------------|---------------|---------------|-------------------|-------------------|-------------------|-------------------|----------------------|
| <b>CRA Accidents<sup>1</sup></b>                                    | <b>233</b>    | <b>189</b>    | <b>207</b>        | <b>185</b>        | <b>190</b>        | <b>151</b>        | <b>200.8</b>         |
| <b>Private/Recreational Aviation<sup>2</sup></b>                    | <b>139</b>    | <b>118</b>    | <b>133</b>        | <b>125</b>        | <b>106</b>        | <b>94</b>         | <b>124.2</b>         |
| Airplanes                                                           | 132           | 106           | 120               | 111               | 96                | 82                | 113.0                |
| Balloons                                                            | 1             | 2             | 0                 | 0                 | 0                 | 0                 | 0.6                  |
| Gliders                                                             | 5             | 2             | 4                 | 4                 | 4                 | 1                 | 3.8                  |
| Gyroplanes                                                          | 1             | 1             | 1                 | 1                 | 1                 | 2                 | 1.0                  |
| Helicopters                                                         | 2             | 8             | 10                | 9                 | 5                 | 9                 | 6.8                  |
| <b>Basic and Advanced Ultralights</b>                               | <b>21</b>     | <b>26</b>     | <b>13</b>         | <b>19</b>         | <b>21</b>         | <b>16</b>         | <b>20.0</b>          |
| <b>Hours Flown<sup>R</sup> (thousands)</b>                          | <b>4,294</b>  | <b>4,271</b>  | <b>4,321</b>      | <b>4,479</b>      | <b>4,716</b>      | <b>4,796</b>      | <b>4,416.2</b>       |
| <b>Accident Rate (per 100,000 hours flown)</b>                      | <b>5.4</b>    | <b>4.4</b>    | <b>4.8</b>        | <b>4.1</b>        | <b>4.0</b>        | <b>3.1</b>        | <b>4.5</b>           |
| <b>Canadian Civil Aircraft Registered<sup>1</sup></b>               | <b>29,105</b> | <b>29,249</b> | <b>29,236</b>     | <b>29,081</b>     | <b>29,112</b>     | <b>29,110</b>     | <b>29,156.6</b>      |
| <b>Private/Recreational Aviation<sup>2</sup></b>                    | <b>21,834</b> | <b>22,035</b> | <b>21,989</b>     | <b>21,915</b>     | <b>21,912</b>     | <b>21,862</b>     | <b>21,937.0</b>      |
| Airplanes                                                           | 19,445        | 19,584        | 19,551            | 19,469            | 19,435            | 19,387            | 19,496.8             |
| Balloons                                                            | 503           | 508           | 506               | 506               | 508               | 501               | 506.2                |
| Gliders                                                             | 726           | 725           | 721               | 717               | 719               | 716               | 721.6                |
| Gyroplanes                                                          | 206           | 214           | 222               | 226               | 229               | 230               | 219.4                |
| Helicopters                                                         | 954           | 1004          | 989               | 996               | 1020              | 1028              | 992.6                |
| <b>Basic and Advanced Ultralights</b>                               | <b>6,973</b>  | <b>7,125</b>  | <b>7,246</b>      | <b>7,355</b>      | <b>7,459</b>      | <b>7,590</b>      | <b>7,231.6</b>       |
| <b>Accident Rate (per 1,000 Canadian civil aircraft registered)</b> | <b>8</b>      | <b>6.6</b>    | <b>7.1</b>        | <b>6.4</b>        | <b>6.5</b>        | <b>5.2</b>        | <b>6.9</b>           |
| <b>Private/Recreational Aviation</b>                                | <b>6.4</b>    | <b>5.4</b>    | <b>6</b>          | <b>5.7</b>        | <b>4.8</b>        | <b>4.3</b>        | <b>5.7</b>           |
| Airplanes                                                           | 6.8           | 5.4           | 6.1               | 5.7               | 4.9               | 4.2               | 5.8                  |
| Balloons                                                            | 2             | 3.9           | 0                 | 0                 | 0.0               | 0                 | 1.2                  |
| Gliders                                                             | 6.9           | 2.8           | 5.5               | 5.6               | 5.6               | 1.4               | 5.3                  |
| Gyroplanes                                                          | 4.9           | 4.7           | 4.6               | 4.4               | 4.4               | 8.7               | 4.6                  |
| Helicopters                                                         | 2.1           | 8             | 10.1              | 9                 | 4.9               | 8.8               | 6.8                  |
| <b>Basic and Advanced Ultralights</b>                               | <b>3</b>      | <b>3.6</b>    | <b>1.8</b>        | <b>2.6</b>        | <b>2.8</b>        | <b>2.1</b>        | <b>2.8</b>           |

Notes: R= Revised data. P= Preliminary data. CARs= Canadian Aviation Regulations.

Aircraft accidents not operating in accordance with CARs (i.e. military and state aircraft not operating under CARs) and ultralight aircraft are excluded.

1 Excludes aircraft accidents not operating in accordance with CARs. Ultralight aircraft are excluded.

2 Recreational aviation comprises all privately registered aircraft except those operated in accordance with CAR 604.

Sources: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of February 12, 2019

**Table S18: Accidents Involving Aircraft Operating under CARs by Province/Territory, 2013–2018**

|                           | 2013       | 2014       | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> | 2013–2017<br>Average |
|---------------------------|------------|------------|-------------------|-------------------|-------------------|-------------------|----------------------|
| <b>Accidents</b>          |            |            |                   |                   |                   |                   |                      |
| Newfoundland and Labrador | 3          | 1          | 5                 | 3                 | 2                 | 2                 | 2.8                  |
| Nova Scotia               | 4          | 2          | 3                 | 2                 | 2                 | 1                 | 2.6                  |
| New Brunswick             | 2          | 5          | 2                 | 5                 | 5                 | 1                 | 3.8                  |
| Prince Edward Island      | 0          | 0          | 0                 | 0                 | 1                 | 0                 | 0.2                  |
| Quebec                    | 58         | 53         | 41                | 26                | 39                | 25                | 43.4                 |
| Ontario                   | 58         | 49         | 64                | 40                | 46                | 40                | 51.4                 |
| Manitoba                  | 11         | 11         | 13                | 16                | 8                 | 6                 | 11.8                 |
| Saskatchewan              | 18         | 9          | 12                | 10                | 12                | 13                | 12.2                 |
| Alberta                   | 26         | 28         | 21                | 34                | 32                | 28                | 28.2                 |
| British Columbia          | 42         | 26         | 38                | 43                | 34                | 28                | 36.6                 |
| Yukon                     | 4          | 3          | 6                 | 1                 | 4                 | 2                 | 3.6                  |
| Northwest Territories     | 4          | 2          | 2                 | 3                 | 2                 | 4                 | 2.6                  |
| Nunavut                   | 3          | 0          | 0                 | 2                 | 3                 | 1                 | 1.6                  |
| <b>Total</b>              | <b>233</b> | <b>189</b> | <b>207</b>        | <b>185</b>        | <b>190</b>        | <b>151</b>        | <b>200.8</b>         |
| <b>Fatal Accidents</b>    |            |            |                   |                   |                   |                   |                      |
| Newfoundland and Labrador | 0          | 0          | 1                 | 0                 | 0                 | 0                 | 0.2                  |
| Nova Scotia               | 1          | 0          | 0                 | 0                 | 0                 | 0                 | 0.2                  |
| New Brunswick             | 0          | 1          | 0                 | 1                 | 0                 | 0                 | 0.4                  |
| Prince Edward Island      | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0.0                  |
| Quebec                    | 3          | 1          | 6                 | 5                 | 4                 | 2                 | 3.8                  |
| Ontario                   | 6          | 3          | 5                 | 1                 | 3                 | 4                 | 3.6                  |
| Manitoba                  | 2          | 0          | 0                 | 1                 | 3                 | 0                 | 1.2                  |
| Saskatchewan              | 2          | 1          | 2                 | 2                 | 2                 | 1                 | 1.8                  |
| Alberta                   | 4          | 1          | 3                 | 4                 | 3                 | 4                 | 3.0                  |
| British Columbia          | 9          | 2          | 2                 | 7                 | 2                 | 4                 | 4.4                  |
| Yukon                     | 0          | 0          | 0                 | 0                 | 1                 | 0                 | 0.2                  |
| Northwest Territories     | 2          | 0          | 0                 | 0                 | 0                 | 1                 | 0.4                  |
| Nunavut                   | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0.0                  |
| <b>Total</b>              | <b>29</b>  | <b>9</b>   | <b>19</b>         | <b>21</b>         | <b>18</b>         | <b>16</b>         | <b>19.2</b>          |
| <b>Fatalities</b>         |            |            |                   |                   |                   |                   |                      |
| Newfoundland and Labrador | 0          | 0          | 1                 | 0                 | 0                 | 0                 | 0.2                  |
| Nova Scotia               | 1          | 0          | 0                 | 0                 | 0                 | 0                 | 0.2                  |
| New Brunswick             | 0          | 2          | 0                 | 2                 | 0                 | 0                 | 0.8                  |
| Prince Edward Island      | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0.0                  |
| Quebec                    | 3          | 1          | 15                | 7                 | 6                 | 4                 | 6.4                  |
| Ontario                   | 16         | 4          | 9                 | 1                 | 5                 | 6                 | 7.0                  |
| Manitoba                  | 5          | 0          | 0                 | 2                 | 4                 | 0                 | 2.2                  |
| Saskatchewan              | 3          | 2          | 3                 | 2                 | 3                 | 1                 | 2.6                  |
| Alberta                   | 5          | 1          | 4                 | 4                 | 5                 | 5                 | 3.8                  |
| British Columbia          | 16         | 3          | 4                 | 11                | 3                 | 6                 | 7.4                  |
| Yukon                     | 0          | 0          | 0                 | 0                 | 1                 | 0                 | 0.2                  |
| Northwest Territories     | 4          | 0          | 0                 | 0                 | 0                 | 3                 | 0.8                  |
| Nunavut                   | 0          | 0          | 0                 | 0                 | 0                 | 0                 | 0.0                  |
| <b>Total</b>              | <b>53</b>  | <b>13</b>  | <b>36</b>         | <b>29</b>         | <b>27</b>         | <b>25</b>         | <b>31.6</b>          |

Notes: R= Revised data. P= Preliminary data. CARs= Canadian Aviation Regulations.

Aircraft accidents not operating in accordance with CARs (i.e. military and state aircraft) and ultralight aircraft are excluded.

Source: Transport Canada, adapted from the Transportation Safety Board, preliminary data as of February 12, 2019

**Table S19: Reportable Accidents Involving Dangerous Goods by Mode and Phase of Transport, 2007–2018**

| <i>Year</i>                | <i>-----In-Transit-----</i> |             |            |               |                 | <i>Not In-Transit</i> | <i>Total</i> |
|----------------------------|-----------------------------|-------------|------------|---------------|-----------------|-----------------------|--------------|
|                            | <i>Road</i>                 | <i>Rail</i> | <i>Air</i> | <i>Marine</i> | <i>Subtotal</i> |                       |              |
| 2007                       | 124                         | 9           | 8          | 0             | 141             | 284                   | <b>425</b>   |
| 2008                       | 115                         | 7           | 4          | 0             | 126             | 310                   | <b>436</b>   |
| 2009                       | 78                          | 5           | 0          | 0             | 83              | 243                   | <b>326</b>   |
| 2010                       | 95                          | 5           | 1          | 0             | 101             | 203                   | <b>304</b>   |
| 2011                       | 91                          | 3           | 2          | 0             | 96              | 249                   | <b>345</b>   |
| 2012                       | 85                          | 2           | 1          | 0             | 88              | 313                   | <b>401</b>   |
| 2013                       | 105                         | 8           | 5          | 0             | 118             | 278                   | <b>396</b>   |
| 2014                       | 111                         | 6           | 3          | 0             | 120             | 265                   | <b>385</b>   |
| 2015                       | 88                          | 10          | 3          | 0             | 101             | 233                   | <b>334</b>   |
| 2016 <sup>R</sup>          | 102                         | 5           | 5          | 2             | 114             | 188                   | <b>302</b>   |
| 2017 <sup>R</sup>          | 227                         | 10          | 5          | 0             | 242             | 151                   | <b>393</b>   |
| <b>2007 - 2017 Average</b> | <b>111</b>                  | <b>6.4</b>  | <b>3.4</b> | <b>0</b>      | <b>120.9</b>    | <b>247</b>            | <b>367.9</b> |
| 2018 <sup>P</sup>          | 238                         | 23          | 4          | 2             | 267             | 205                   | <b>472</b>   |

Notes: R= Revised data. P= Preliminary data (2018 accident data are preliminary based on accidents reported to TDG). TDG= Transportation of Dangerous Goods.

Thresholds for reporting dangerous goods accidents have changed based on amendments to Part 8 of the TDG Regulations, which came into force on December 1, 2016. Now releases and anticipated releases must satisfy at least one of six specific criteria before requiring “30 day follow-up report” completion to be considered a reportable accident.

The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.

TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

“In-transit” accidents include those that occur during actual transport. “Not in-transit” accidents are those that take place at facilities where the goods are prepared for transport (handled prior to loading or unloading), unloaded or stored in the course of transport.

Source: Transport Canada, Dangerous Goods Accident Information System

**Table S20: Deaths and Injuries Attributed to the Dangerous Goods at Reportable Accidents, 2007–2018**

| <i>Year</i>                | <i>Fatalities</i> | <i>Injuries</i> |                 |              | <i>Total</i> |
|----------------------------|-------------------|-----------------|-----------------|--------------|--------------|
|                            |                   | <i>Major</i>    | <i>Moderate</i> | <i>Minor</i> |              |
| 2007                       | 0                 | 2               | 8               | 3            | 13           |
| 2008                       | 0                 | 1               | 8               | 2            | 11           |
| 2009                       | 0                 | 1               | 4               | 2            | 7            |
| 2010                       | 0                 | 2               | 7               | 0            | 9            |
| 2011                       | 0                 | 1               | 7               | 1            | 9            |
| 2012                       | 0                 | 0               | 7               | 6            | 13           |
| 2013                       | 50                | 0               | 18              | 5            | 23           |
| 2014                       | 1                 | 0               | 8               | 4            | 12           |
| 2015                       | 0                 | 0               | 2               | 81           | 83           |
| 2016                       | 2                 | 0               | 2               | 7            | 9            |
| 2017 <sup>R</sup>          | 2                 | 1               | 36              | 2            | 39           |
| <b>2007 - 2017 Average</b> | <b>5</b>          | <b>0.7</b>      | <b>9.7</b>      | <b>10.3</b>  | <b>20.7</b>  |
| 2018 <sup>P</sup>          | 0                 | 3               | 12              | 11           | 26           |

Notes: R= Revised data. P= Preliminary data (2018 accident data are preliminary based on accidents reported to TDG). TDG= Transportation of Dangerous Goods.

Thresholds for reporting dangerous goods accidents have changed based on amendments to Part 8 of the TDG Regulations, which came into force on December 1, 2016. Now releases and anticipated releases must satisfy at least one of six specific criteria before requiring “30 day follow-up report” completion to be considered a reportable accident.

The TDG program does not cover dangerous goods transported in bulk on ships or by pipeline.

Dangerous goods accidents are “reportable” when the quantity of dangerous goods released exceeds the amount listed in the table contained in Part 8 of the TDG Regulations. TDG accidents can occur while dangerous goods are being transported, while they are handled, or during temporary storage pending transport.

“In-transit” accidents include those that occur during actual transport. “Not-in-transit” accidents are those that take place at facilities where the goods are prepared for transport (handled prior to loading or unloading), unloaded or stored in the course of transport.

Minor injuries refer to those injuries that require first-aid treatment; moderate injuries involve emergency hospital treatment, and major injuries require overnight hospitalization.

The Lac-Mégantic, Que. rail accident on July 6, 2013 accounted for 47 of the deaths attributed to the dangerous goods.

The Vancouver, B.C. marine terminal accident on March 4, 2015 involving Trichloroisocyanuric Acid, Dry resulted in 80 minor injuries, of which 46 were employees and 34 were private citizens.

The Taber, Alta. two vehicle collision on May 4, 2016 involving a highway tank truck transporting diesel fuel and pickup truck caught fire and exploded killing both drivers.

One employee died from asphyxiation after inhaling nitrogen vapours during tank truck cleaning and purging operations in Oakville, Ontario on January 27, 2017.

The Leeds, Ont. multi-vehicle collision accident on March 14, 2017 involving tote tanks containing Fluorosilicic Acid resulted in one death, one major injury and 32 moderate injuries.

Source: Transport Canada, Dangerous Goods Accident Information System

# AIR TRANSPORTATION

**Table A1: Number of Aerodromes in Canada, 2009–2018**

| <i>As of<br/>Dec 31</i> | <b>Land Aerodromes</b> |                   |              | <b>Total<br/>Land</b> | <i>Share of Grand<br/>Total (per cent)</i> | <b>Heliports</b> |                   |              | <b>Total<br/>Heliports</b> | <i>Share of Grand<br/>Total (per cent)</i> |
|-------------------------|------------------------|-------------------|--------------|-----------------------|--------------------------------------------|------------------|-------------------|--------------|----------------------------|--------------------------------------------|
|                         | <i>Certified</i>       | <i>Registered</i> | <i>Other</i> |                       |                                            | <i>Certified</i> | <i>Registered</i> | <i>Other</i> |                            |                                            |
| 2009                    | 317                    | 821               | 8            | <b>1,146</b>          | 60.8                                       | 254              | 134               | 4            | <b>392</b>                 | 20.8                                       |
| 2010                    | 318                    | 831               | 11           | <b>1,160</b>          | 62.1                                       | 247              | 118               | 11           | <b>376</b>                 | 20.1                                       |
| 2011                    | 314                    | 845               | 11           | <b>1,170</b>          | 61.9                                       | 245              | 124               | 11           | <b>380</b>                 | 20.1                                       |
| 2012                    | 314                    | 872               | 11           | <b>1,197</b>          | 62.2                                       | 239              | 131               | 11           | <b>381</b>                 | 19.8                                       |
| 2013                    | 312                    | 865               | 11           | <b>1,188</b>          | 62.1                                       | 245              | 129               | 11           | <b>385</b>                 | 20.1                                       |
| 2014                    | 306                    | 885               | 8            | <b>1,199</b>          | 62.3                                       | 246              | 133               | 4            | <b>383</b>                 | 19.9                                       |
| 2015                    | 304                    | 912               | 8            | <b>1,224</b>          | 62.4                                       | 252              | 145               | 4            | <b>401</b>                 | 20.4                                       |
| 2016                    | 290                    | 707               | 5            | <b>1,002</b>          | 62.9                                       | 239              | 129               | 2            | <b>370</b>                 | 23.2                                       |
| 2017                    | 296                    | 702               | 5            | <b>1,003</b>          | 63.8                                       | 216              | 130               | 0            | <b>346</b>                 | 22.0                                       |
| 2018                    | 285                    | 709               | 5            | <b>999</b>            | 64.7                                       | 191              | 130               | 0            | <b>321</b>                 | 20.8                                       |

| <i>As of<br/>Dec 31</i> | <b>Water Aerodromes</b> |                   |              | <b>Total<br/>Water</b> | <i>Share of Grand<br/>Total (per cent)</i> | <b>Total All Aerodromes</b> |                   |              | <b>Grand<br/>Total</b> | <i>Share of Grand<br/>Total (per cent)</i> |
|-------------------------|-------------------------|-------------------|--------------|------------------------|--------------------------------------------|-----------------------------|-------------------|--------------|------------------------|--------------------------------------------|
|                         | <i>Certified</i>        | <i>Registered</i> | <i>Other</i> |                        |                                            | <i>Certified</i>            | <i>Registered</i> | <i>Other</i> |                        |                                            |
| 2009                    | 10                      | 336               | 0            | <b>346</b>             | 18.4                                       | 581                         | 1,291             | 12           | <b>1,884</b>           | 100.0                                      |
| 2010                    | 11                      | 320               | 0            | <b>331</b>             | 17.7                                       | 576                         | 1,269             | 22           | <b>1,867</b>           | 100.0                                      |
| 2011                    | 11                      | 328               | 0            | <b>339</b>             | 17.9                                       | 570                         | 1,297             | 22           | <b>1,889</b>           | 100.0                                      |
| 2012                    | 6                       | 339               | 0            | <b>345</b>             | 17.9                                       | 559                         | 1,342             | 22           | <b>1,923</b>           | 100.0                                      |
| 2013                    | 6                       | 334               | 0            | <b>340</b>             | 17.8                                       | 563                         | 1,328             | 22           | <b>1,913</b>           | 100.0                                      |
| 2014                    | 6                       | 338               | 0            | <b>344</b>             | 17.9                                       | 558                         | 1,356             | 12           | <b>1,926</b>           | 100.0                                      |
| 2015                    | 5                       | 331               | 0            | <b>336</b>             | 17.1                                       | 561                         | 1,388             | 12           | <b>1,961</b>           | 100.0                                      |
| 2016                    | 5                       | 217               | 0            | <b>222</b>             | 13.9                                       | 534                         | 1,053             | 7            | <b>1,594</b>           | 100.0                                      |
| 2017                    | 5                       | 218               | 0            | <b>223</b>             | 14.2                                       | 517                         | 1,050             | 5            | <b>1,572</b>           | 100.0                                      |
| 2018                    | 7                       | 218               | 0            | <b>225</b>             | 14.6                                       | 483                         | 1,057             | 5            | <b>1,545</b>           | 100.0                                      |

Note: As published in the Canada Flight Supplement (CFS) or the Canada Water Aerodrome Supplement (CWAS).

Source: Transport Canada, Civil Aviation, National Operations

**Table A2: Airport Capital Assistance Program Expenditures, by Province/Territory, 2008/2009 - 2018/2019**

(Thousands of dollars)

| <i>Province</i>           | <i>2009/10</i>  | <i>2010/11</i> | <i>2011/12</i>  | <i>2012/13</i>  | <i>2013/14</i>  | <i>2014/15</i>  | <i>2015/16</i>  | <i>2016/17</i>  | <i>2017/18<sup>R</sup></i> | <i>2018/19<sup>P</sup></i> |
|---------------------------|-----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------|----------------------------|
| Newfoundland and Labrador | 879.1           | 247.8          | 313.8           | 9,061.3         | 240.0           | 24.8            | 0.0             | 0.0             | 219.6                      | 98.2                       |
| Prince Edward Island      | 0.0             | 0.0            | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0             | 0.0                        | 0.0                        |
| Nova Scotia               | 153.0           | 83.9           | 513.5           | 437.5           | 166.8           | 70.4            | 3,551.9         | 127.1           | 701.8                      | 13.7                       |
| New Brunswick             | 0.0             | 1,971.9        | 0.0             | 0.0             | 0.0             | 0.0             | 616.8           | 0.0             | 0.0                        | 706.7                      |
| Quebec                    | 9,700.3         | 646.8          | 1,517.3         | 2,414.6         | 353.2           | 735.4           | 1,272.4         | 7,546.0         | 9,289.0                    | 8,489.3                    |
| Ontario                   | 9,438.6         | 3,899.1        | 11,583.7        | 4,628.3         | 1,874.9         | 6,454.9         | 705.1           | 10,794.6        | 3,231.6                    | 8,302.0                    |
| Manitoba                  | 849.3           | 1,411.2        | 8,109.5         | 297.1           | 1,167.4         | 1,650.9         | 4,229.9         | 1,701.6         | 7,856.6                    | 4,501.8                    |
| Saskatchewan              | 705.0           | 0.0            | 211.7           | 5,643.7         | 0.0             | 140.4           | 7,529.8         | 3,898.6         | 1,565.7                    | 480.2                      |
| Alberta                   | 2,136.7         | 690.2          | 1,080.3         | 259.6           | 901.5           | 3,592.3         | 12,966.0        | 354.3           | 4,632.2                    | 12,522.8                   |
| British Columbia          | 2,329.9         | 676.3          | 6,883.2         | 6,396.5         | 2,373.2         | 11,034.0        | 14,834.3        | 7,118.6         | 6,656.3                    | 4,474.4                    |
| Northwest Territories     | 0.0             | 0.0            | 0.0             | 360.1           | 0.0             | 617.8           | 910.3           | 1,600.4         | 776.4                      | 1025.6                     |
| Yukon                     | 67.6            | 0.0            | 189.0           | 305.3           | 154.1           | 2,948.7         | 318.9           | 0.0             | 0.0                        | 0.0                        |
| Nunavut                   | 0.0             | 0.0            | 0.0             | 397.9           | 5,195.7         | 116.9           | 0.0             | 0.0             | 0.0                        | 359.4                      |
| <b>Total</b>              | <b>26,259.5</b> | <b>9,627.2</b> | <b>30,402.0</b> | <b>30,201.9</b> | <b>12,426.8</b> | <b>27,386.5</b> | <b>46,935.4</b> | <b>33,141.2</b> | <b>34,929.2</b>            | <b>40,974.1</b>            |

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada, Authorities Stewardship

**Table A3: Airport Authorities Financial Performance, 2017**

(Thousands of dollars, except where indicated)

| Financial Information                           | Calgary   | Vancouver | Edmonton   | Montreal    | Toronto   | Ottawa  | Winnipeg   | Victoria      | Halifax | Saskatoon   | Kelowna       |           |
|-------------------------------------------------|-----------|-----------|------------|-------------|-----------|---------|------------|---------------|---------|-------------|---------------|-----------|
| Aeronautical Revenues                           | 97,529    | 135,949   | 42,879     | 211,201     | 500,991   | 40,355  | 44,341     | 7,364         | 30,342  | 7,291       | 7,387         |           |
| Non-Aeronautical Revenues                       | 153,474   | 235,320   | 78,049     | 204,909     | 493,555   | 38,793  | 40,794     | 15,632        | 32,950  | 10,538      | 12,973        |           |
| Airport Improvement Fees                        | 156,138   | 159,351   | 94,779     | 165,908     | 383,801   | 49,110  | 40,659     | 14,238        | 36,908  | 13,181      | 11,848        |           |
| Contributions                                   | 0         | 0         | 0          | 0           | 0         | 0       | 0          | 0             | 0       | 683         | 2,568         |           |
| Total Revenues                                  | 407,141   | 530,620   | 215,707    | 582,018     | 1,378,347 | 128,258 | 125,794    | 37,234        | 100,200 | 31,693      | 34,776        |           |
| Expenses                                        |           |           |            |             |           |         |            |               |         |             |               |           |
| (less Interest Charges)                         | 413,934   | 363,836   | 156,185    | 375,461     | 774,079   | 92,341  | 91,003     | 24,327        | 73,334  | 19,821      | 19,473        |           |
| Rent to Federal Government                      | 40,820    | 55,259    | 18,366     | 61,404      | 156,938   | 8,994   | 8,688      | 1,539         | 7,034   | 1,255       | 0             |           |
| Income                                          | (47,613)  | 111,525   | 41,156     | 145,153     | 447,330   | 26,923  | 26,103     | 11,368        | 19,832  | 10,617      | 15,303        |           |
| Interest Charges                                | 97,595    | 29,984    | 44,666     | 105,462     | 335,177   | 23,087  | 32,794     | 5             | 14,938  | 0           | 1,268         |           |
| Other gains/(losses)                            | 2,698     | 0         | 8,110      | (20,702)    | 8,696     | (1,767) | (541)      | 0             | 2,010   | 0           | 0             |           |
| Net Income                                      | (142,510) | 81,541    | 4,600      | 18,989      | 120,849   | 2,069   | (7,232)    | 11,363        | 6,904   | 10,617      | 14,035        |           |
| Acquisition of capital assets                   | 130,799   | 167,941   | 46,514     | 219,317     | 279,356   | 35,528  | 24,323     | 15,044        | 30,131  | 16,377      | 22,354        |           |
| Ratios:                                         |           |           |            |             |           |         |            |               |         |             |               |           |
| Expenses (incl interest)<br>as a % of Rev.      | 125.6%    | 74.2%     | 93.1%      | 82.6%       | 80.5%     | 90.0%   | 98.4%      | 65.3%         | 88.1%   | 62.5%       | 59.6%         |           |
| Aeronautical Revenues<br>as a % of Total        | 24.0%     | 25.6%     | 19.9%      | 36.3%       | 36.3%     | 31.5%   | 35.2%      | 19.8%         | 30.3%   | 23.0%       | 21.2%         |           |
| Non-Aeronautical Revenues<br>as a % of Total    | 37.7%     | 44.3%     | 36.2%      | 35.2%       | 35.8%     | 30.2%   | 32.4%      | 42.0%         | 32.9%   | 33.3%       | 37.3%         |           |
| Financial Information                           | Quebec    | Regina    | St. John's | Thunder Bay | London    | Moncton | Saint John | Charlottetown | Gander  | Fredericton | Prince George | Total     |
| Aeronautical Revenues                           | 12,760    | 5,250     | 11,562     | 7,651       | 2,873     | 6,347   | 1,653      | 2,412         | 3,111   | 2,264       | 4,337         | 1,185,849 |
| Non-Aeronautical Revenues                       | 24,373    | 11,464    | 13,834     | 3,956       | 4,749     | 5,181   | 1,756      | 2,951         | 4,143   | 2,617       | 4,478         | 1,396,489 |
| Airport Improvement Fees                        | 24,724    | 10,991    | 21,697     | 0           | 3,667     | 6,044   | 3,042      | 3,666         | 1,896   | 3,854       | 5,202         | 1,210,704 |
| Contributions                                   | 2,961     | 275       | 0          | 156         | 0         | 0       | 267        | 737           | 952     | 1,209       | 1,356         | 11,164    |
| Total Revenues                                  | 64,818    | 27,980    | 47,093     | 11,763      | 11,289    | 17,572  | 6,718      | 9,766         | 10,102  | 9,944       | 15,373        | 3,804,206 |
| Expenses                                        |           |           |            |             |           |         |            |               |         |             |               |           |
| (less Interest Charges)                         | 46,736    | 24,437    | 31,271     | 9,624       | 9,023     | 14,870  | 5,922      | 7,030         | 8,801   | 8,029       | 10,098        | 2,579,635 |
| Rent to Federal Government                      | 3,629     | 999       | 2,586      | 136         | 132       | 450     | 18         | 41            | 73      | 36          | 270           | 368,667   |
| Income                                          | 14,453    | 2,544     | 13,236     | 2,003       | 2,134     | 2,252   | 778        | 2,695         | 1,228   | 1,879       | 5,005         | 855,904   |
| Interest Charges                                | 5,858     | 1,800     | 5,033      | 178         | 501       | 1,060   | 0          | 0             | 140     | 30          | 446           | 700,022   |
| Other gains/(losses)                            | (303)     | 0         | 0          | 1,932       | 76        | 298     | 127        | 112           | 212     | 0           | 17            | 975       |
| Net Income                                      | 8,292     | 744       | 8,203      | 3,757       | 1,709     | 1,490   | 905        | 2,807         | 1,300   | 1,849       | 4,576         | 156,857   |
| Acquisition of capital assets                   | 98,988    | 4,689     | 32,074     | 3,670       | 1,283     | 1,964   | 1,772      | 5,523         | 2,933   | 788         | 4,611         | 1,145,979 |
| Ratios:                                         |           |           |            |             |           |         |            |               |         |             |               |           |
| Expenses (including interest)<br>as a % of Rev. | 81.1%     | 93.8%     | 77.1%      | 83.3%       | 84.4%     | 90.7%   | 88.2%      | 72.0%         | 88.5%   | 81.0%       | 68.6%         | 86.2%     |
| Aeronautical Revenues as a<br>% of Total        | 19.7%     | 18.8%     | 24.6%      | 65.0%       | 25.4%     | 36.1%   | 24.6%      | 24.7%         | 30.8%   | 22.8%       | 28.2%         | 31.2%     |
| Non-Aeronautical Revenues<br>as a % Total       | 37.6%     | 41.0%     | 29.4%      | 33.6%       | 42.1%     | 29.5%   | 26.1%      | 30.2%         | 41.0%   | 26.3%       | 29.1%         | 36.7%     |

Notes: Aeronautical revenues are generated principally from airlines and other commercial aviation sources, and consist mainly of landing fees, terminal fees and the recovery of security costs.

Revenues from concessionaire sales (stores, restaurants etc.), car parking and space rental are considered non-aeronautical.

Rent figures may differ from the actual cash received by the Federal Government due to accrual accounting treatment.

Source: Airport Authority 2017 Annual Reports (Consolidated Financial Statements)

**Table A4: Airport Improvement Fees (AIF) at National Airport System (NAS) Airports, 2009–2018**

| Charge per passenger (dollars) |                 |      |      |      |      |      |      |      |      |      | Airline<br>Handling Fee |
|--------------------------------|-----------------|------|------|------|------|------|------|------|------|------|-------------------------|
|                                | As of January 1 |      |      |      |      |      |      |      |      |      | (per cent)              |
| Airport                        | 2009            | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |                         |
| Calgary                        | 21              | 22   | 25   | 25   | 30   | 30   | 30   | 30   | 30   | 30   | 4                       |
| Charlottetown                  | 15              | 15   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 5                       |
| Edmonton                       | 20              | 20   | 20   | 25   | 25   | 25   | 30   | 30   | 30   | 30   | 5                       |
| Fredericton                    | 20              | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 5                       |
| Gander                         | 20              | 20   | 20   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 7                       |
| Halifax <sup>1</sup>           | 15              | 15   | 20   | 20   | 20   | 25   | 25   | 25   | 25   | 28   | 6                       |
| Iqaluit                        | 0               | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | N/A                     |
| Kelowna                        | 10              | 10   | 12   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 7                       |
| London                         | 15              | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 7                       |
| Moncton <sup>7</sup>           | 15              | 15   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 25   | 7                       |
| Montreal (Trudeau)             | 20              | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 4                       |
| Ottawa                         | 15              | 15   | 20   | 20   | 20   | 23   | 23   | 23   | 23   | 23   | 6                       |
| Prince George                  | 15              | 18   | 18   | 18   | 20   | 20   | 20   | 25   | 25   | 25   | 7                       |
| Quebec City <sup>2</sup>       | 20              | 25   | 25   | 25   | 27   | 29   | 30   | 33   | 33   | 35   | 7                       |
| Regina <sup>3</sup>            | 15              | 15   | 15   | 20   | 20   | 20   | 20   | 20   | 20   | 20   | 7                       |
| Saint John                     | 20              | 20   | 20   | 20   | 20   | 25   | 25   | 25   | 25   | 25   | 5                       |
| Saskatoon <sup>4</sup>         | 15              | 15   | 15   | 15   | 20   | 20   | 20   | 20   | 20   | 20   | 7                       |
| St. John's <sup>8</sup>        | 15              | 15   | 20   | 20   | 20   | 20   | 30   | 30   | 30   | 35   | 7                       |
| Thunder Bay                    | 0               | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | N/A                     |
| Toronto <sup>5</sup>           | 25              | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 4                       |
| Vancouver <sup>6</sup>         | 15              | 15   | 15   | 15   | 20   | 20   | 20   | 20   | 20   | 20   | 4                       |
| Victoria                       | 10              | 10   | 10   | 10   | 10   | 10   | 15   | 15   | 15   | 15   | 7                       |
| Whitehorse                     | 0               | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | N/A                     |
| Winnipeg                       | 20              | 20   | 20   | 20   | 25   | 25   | 25   | 25   | 25   | 25   | 6                       |
| Yellowknife                    | 0               | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | N/A                     |

Notes: N/A = Not applicable.

1 Effective October 1, 2017, AIF increased to \$28, and 15\$ for flights to J.A. Douglas McCurdy Sydney Airport.

2 Effective March 1, 2017, AIF increased to \$35.

3 Passengers are charged \$5 for intra-provincial flights and \$20 for all other destinations.

4 Passengers are charged \$5 for intra-provincial short-haul flights (Regina, Prince Albert, La Ronge, Stony Rapids, Fond du Lac, Wollaston Lake, Uranium City, Points North Landing) and \$15 for all other destinations.

5 Connecting passengers are charged \$4.

6 Passengers are charged \$5 for intra-provincial flights and \$20 for all other destinations.

7 Effective January 1, 2018 AIF increased to \$25.

8 Effective July 1, 2017, AIF increased to \$35.

Source: Air Transport Association of Canada and Airport Authorities

**Table A5: Air Travellers Security Charge (ATSC), 2002–2018**

| ATSC Rates (Current dollars per enplaned passenger) |                              |                              |                              |                              |                             |                                |                                |
|-----------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|
|                                                     | ----- Effective Date -----   |                              |                              |                              |                             |                                | Current since                  |
| Sector                                              | April 1<br>2002 <sup>1</sup> | March 1<br>2003 <sup>1</sup> | April 1<br>2004 <sup>1</sup> | March 1<br>2005 <sup>1</sup> | July 1<br>2006 <sup>1</sup> | January 1<br>2008 <sup>1</sup> | April 1st<br>2010 <sup>1</sup> |
| Domestic (One-way)                                  | \$12.00                      | \$7.00                       | \$6.00                       | \$5.00                       | \$4.95                      | \$4.90                         | \$7.48                         |
| Domestic (round-trip)                               | \$24.00                      | \$14.00                      | \$12.00                      | \$10.00                      | \$9.90                      | \$9.80                         | \$14.96                        |
| Transborder <sup>2</sup>                            | \$12.00                      | \$12.00                      | \$10.00                      | \$8.50                       | \$8.42                      | \$8.34                         | \$12.71                        |
| Other International                                 | \$24.00                      | \$24.00                      | \$20.00                      | \$17.00                      | \$17.00                     | \$17.00                        | \$25.91                        |

Notes: GST/HST = Goods and Services Tax/Harmonized Sales Tax.

1 The total charge includes the GST or the federal portion of HST where applicable.

From April 1, 2002 to June 30, 2006, the rate of GST and HST was 7% and 15%, respectively;

From July 1, 2006 to December 31, 2007, the rate of GST and HST was 6% and 14%, respectively ;

Effective January 1, 2008, the rate of GST has been established at 5%.

As of July 2010, the rate of HST was 12% in British Columbia; 13% in Ontario, New Brunswick, and Newfoundland and Labrador, respectively and 15% in Nova Scotia.

Additional information on GST/HST rates is available from the Canada Revenue Agency and the TaxTips.ca websites.

2 Transborder ATSC rate is for air travel to a destination outside Canada but within the continental zone (Include Mexico)

Sources: Transport Canada, adapted from Finance Canada, Canada Revenue Agency, ATSC Rates

**Table A6: Top 10 Busiest Canadian Airports in Terms of Aircraft Movements, 2009–2018**

(Thousands of aircraft movements)

| Ranking<br>2017 | Airport/Province                                                    | All Movements |              |              |              |              |              |              |              |                   |                   | 2009-18<br>CAGR <sup>1</sup> |
|-----------------|---------------------------------------------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|-------------------|------------------------------|
|                 |                                                                     | 2009          | 2010         | 2011         | 2012         | 2013         | 2014         | 2015         | 2016         | 2017 <sup>R</sup> | 2018 <sup>P</sup> |                              |
| 1               | Toronto Pearson International, ON                                   | 408           | 419          | 431          | 436          | 434          | 437          | 446          | 459          | 467               | 476               | 1.7                          |
| 2               | Vancouver International, BC                                         | 314           | 297          | 298          | 300          | 302          | 312          | 319          | 326          | 334               | 339               | 0.9                          |
| 3               | Calgary International, AB                                           | 234           | 235          | 238          | 241          | 246          | 252          | 250          | 235          | 234               | 244               | 0.5                          |
| 4               | Montréal Trudeau International, QC                                  | 213           | 220          | 235          | 234          | 225          | 221          | 222          | 227          | 236               | 242               | 1.5                          |
| 5               | Boundary Bay, BC                                                    | 184           | 144          | 147          | 149          | 146          | 156          | 162          | 172          | 175               | 195               | 0.7                          |
| 6               | Abbotsford, BC                                                      | 125           | 105          | 100          | 111          | 118          | 126          | 136          | 131          | 139               | 148               | 1.9                          |
| 7               | Edmonton Intl, AB                                                   | 127           | 131          | 137          | 143          | 157          | 169          | 159          | 139          | 139               | 144               | 1.4                          |
| 8               | Ottawa/Macdonald-Cartier Int'l, ON                                  | 172           | 173          | 172          | 161          | 167          | 156          | 152          | 154          | 152               | 141               | (2.2)                        |
| 9               | Québec City Jean Lesage Int'l, QC                                   | 129           | 128          | 131          | 135          | 120          | 114          | 112          | 118          | 123               | 139               | 0.8                          |
| 10              | Montréal/St-Hubert, QC                                              | 204           | 190          | 170          | 157          | 170          | 157          | 179          | 151          | 126               | 137               | (4.3)                        |
|                 | <b>Subtotal</b>                                                     | <b>2,110</b>  | <b>2,041</b> | <b>2,059</b> | <b>2,068</b> | <b>2,084</b> | <b>2,098</b> | <b>2,135</b> | <b>2,113</b> | <b>2,124</b>      | <b>2,206</b>      | <b>0.5</b>                   |
|                 | <i>Share of total movements - Top 10 airports (%)</i>               | <i>32.0</i>   | <i>31.7</i>  | <i>32.6</i>  | <i>32.7</i>  | <i>33.4</i>  | <i>33.6</i>  | <i>34.2</i>  | <i>33.8</i>  | <i>33.4</i>       | <i>33.8</i>       | <i>0.0</i>                   |
|                 | <b>Total for All Airports<sup>2</sup> - All movements</b>           | <b>6,585</b>  | <b>6,442</b> | <b>6,319</b> | <b>6,320</b> | <b>6,238</b> | <b>6,238</b> | <b>6,253</b> | <b>6,253</b> | <b>6,367</b>      | <b>6,518</b>      | <b>(0.1)</b>                 |
|                 | Itinerant movements                                                 | 4,731         | 4,682        | 4,651        | 4,686        | 4,653        | 4,601        | 4,635        | 4,591        | 4,685             | 4,723             | (0.0)                        |
|                 | Local movements                                                     | 1,854         | 1,760        | 1,669        | 1,633        | 1,585        | 1,637        | 1,618        | 1,662        | 1,683             | 1,796             | (0.4)                        |
|                 | Share Itinerant movements (%)                                       | 71.8          | 72.7         | 73.6         | 74.2         | 74.6         | 73.8         | 74.1         | 73.4         | 73.6              | 72.5              |                              |
|                 | Share Local movements (%)                                           | 28.2          | 27.3         | 26.4         | 25.8         | 25.4         | 26.2         | 25.9         | 26.6         | 26.4              | 27.6              |                              |
|                 | <b>Itinerant Movements<sup>3</sup></b>                              |               |              |              |              |              |              |              |              |                   |                   |                              |
| 1               | Toronto Pearson International, ON                                   | 408           | 418          | 429          | 434          | 433          | 435          | 445          | 457          | 465               | 474               | 1.7                          |
| 2               | Vancouver International, BC                                         | 314           | 296          | 298          | 299          | 301          | 311          | 318          | 321          | 332               | 339               | 0.8                          |
| 3               | Calgary International, AB                                           | 232           | 233          | 236          | 240          | 244          | 250          | 249          | 234          | 233               | 244               | 0.5                          |
| 4               | Montréal Trudeau International, QC                                  | 213           | 219          | 233          | 233          | 224          | 220          | 221          | 226          | 235               | 241               | 1.4                          |
| 5               | Edmonton Intl, AB                                                   | 124           | 127          | 132          | 139          | 153          | 166          | 157          | 137          | 138               | 142               | 1.5                          |
| 6               | Ottawa/Macdonald-Cartier Int'l, ON                                  | 133           | 134          | 134          | 132          | 126          | 120          | 117          | 118          | 116               | 113               | (1.8)                        |
| 7               | Winnipeg Richardson International, MB                               | 126           | 124          | 125          | 120          | 116          | 116          | 113          | 110          | 114               | 112               | (1.3)                        |
| 8               | Victoria International, BC                                          | 93            | 90           | 90           | 88           | 86           | 86           | 85           | 90           | 88                | 88                | (0.6)                        |
| 9               | Québec City Jean Lesage Int'l, QC                                   | 92            | 91           | 91           | 97           | 89           | 83           | 80           | 81           | 85                | 87                | (0.6)                        |
| 10              | Halifax Robert L. Stanfield Int'l, NS                               | 83            | 83           | 83           | 81           | 80           | 78           | 79           | 80           | 79                | 79                | (0.6)                        |
|                 | <b>Subtotal</b>                                                     | <b>1,818</b>  | <b>1,815</b> | <b>1,852</b> | <b>1,863</b> | <b>1,852</b> | <b>1,865</b> | <b>1,862</b> | <b>1,856</b> | <b>1,886</b>      | <b>1,919</b>      | <b>0.6</b>                   |
|                 | <i>Share of total Itinerant movements - Top 10 airports (%)</i>     | <i>38.4</i>   | <i>38.8</i>  | <i>39.8</i>  | <i>39.7</i>  | <i>39.8</i>  | <i>40.5</i>  | <i>40.2</i>  | <i>40.4</i>  | <i>40.3</i>       | <i>40.6</i>       |                              |
|                 | <b>Total for All Airports<sup>2</sup> - All Itinerant movements</b> | <b>4,731</b>  | <b>4,682</b> | <b>4,651</b> | <b>4,686</b> | <b>4,653</b> | <b>4,601</b> | <b>4,635</b> | <b>4,591</b> | <b>4,685</b>      | <b>4,723</b>      | <b>(0.0)</b>                 |
|                 | <b>Local Movements<sup>4</sup></b>                                  |               |              |              |              |              |              |              |              |                   |                   |                              |
| 1               | Boundary Bay, BC                                                    | 104           | 84           | 87           | 89           | 84           | 90           | 95           | 106          | 107               | 124               | 2.0                          |
| 2               | Abbotsford, BC                                                      | 67            | 55           | 60           | 71           | 74           | 80           | 86           | 82           | 83                | 89                | 3.2                          |
| 3               | Calgary/Springbank, AB                                              | 81            | 84           | 81           | 79           | 79           | 88           | 92           | 98           | 86                | 80                | (0.2)                        |
| 4               | Chicoutimi/St-Honore, QC                                            | 48            | 46           | 49           | 50           | 48           | 52           | 45           | 60           | 75                | 76                | 5.3                          |
| 5               | Winnipeg/St Andrews, MB                                             | 71            | 76           | 66           | 57           | 63           | 62           | 53           | 62           | 65                | 75                | 0.7                          |
| 6               | Kitchener/Waterloo, ON                                              | 48            | 53           | 54           | 59           | 62           | 56           | 59           | 63           | 59                | 71                | 4.4                          |
| 7               | Pitt Meadows, BC                                                    | 71            | 64           | 72           | 55           | 49           | 52           | 61           | 63           | 62                | 69                | (0.3)                        |
| 8               | Montréal/St-Hubert, QC                                              | 109           | 101          | 88           | 80           | 91           | 81           | 93           | 72           | 54                | 62                | (6.1)                        |
| 9               | Fredericton International, NB                                       | 48            | 48           | 33           | 44           | 51           | 55           | 60           | 65           | 59                | 52                | 0.8                          |
| 10              | Moncton/Greater Moncton Int'l, NS                                   | 72            | 50           | 32           | 20           | 21           | 30           | 33           | 44           | 48                | 52                | (3.6)                        |
|                 | <b>Subtotal</b>                                                     | <b>720</b>    | <b>659</b>   | <b>623</b>   | <b>605</b>   | <b>623</b>   | <b>645</b>   | <b>678</b>   | <b>714</b>   | <b>697</b>        | <b>750</b>        | <b>0.5</b>                   |
|                 | <i>Share of total Local movements - Top 10 airports (%)</i>         | <i>38.8</i>   | <i>37.5</i>  | <i>37.3</i>  | <i>37.0</i>  | <i>39.3</i>  | <i>39.4</i>  | <i>41.9</i>  | <i>43.0</i>  | <i>41.4</i>       | <i>41.8</i>       |                              |
|                 | <b>Total for All Airports<sup>2</sup> - All Local movements</b>     | <b>1,854</b>  | <b>1,760</b> | <b>1,669</b> | <b>1,633</b> | <b>1,585</b> | <b>1,637</b> | <b>1,618</b> | <b>1,662</b> | <b>1,683</b>      | <b>1,796</b>      | <b>(0.4)</b>                 |

Notes: P= Preliminary data. R= Revised data

1 CAGR= Compound Annual Growth Rate.

2 Including airports with control towers and/or flight service stations (91 as of December 2017) and airports without control towers or flight service stations reporting aircraft movements on a voluntary basis (126 as of December 2017).

3 Itinerant movements are those in which aircraft arrive from or depart to a point other than the reporting airport; or where aircraft leave the circuit (i.e. a pattern or a standard path for coordinating air traffic usually at close proximity of the airport) but return without landing at another airport.

4 Local movements are those in which aircraft remain in the circuit (i.e. a pattern or a standard path for coordinating air traffic usually at close proximity of the airport). Local movements are often carried out during training flights (touch-and-go), equipment tests, etc.

Sources: Statistics Canada, "Aircraft Movement Statistics", TP 577, Cat. 51-209 and 51-210. Transport Canada, Aircraft movement database, for 2018 data

**Table A7: Licence Authorities Held by Air Carriers as of December 31, 2018**

| Licence<br>Aircraft Type | Services   |            |               | Total<br>Licences | Number of<br>Air Carriers <sup>1</sup> |
|--------------------------|------------|------------|---------------|-------------------|----------------------------------------|
|                          | Domestic   | Scheduled  | Non-Scheduled |                   |                                        |
| Total Canada             | 648        | 319        | 310           | 1,277             | 582                                    |
| Small aircraft           | 570        | 10         | 247           | 827               |                                        |
| Medium aircraft          | 23         | 41         | 20            | 84                |                                        |
| Large aircraft           | 15         | 167        | 15            | 197               |                                        |
| All cargo aircraft       | 40         | 101        | 28            | 169               |                                        |
| TOTAL US                 | 0          | 42         | 591           | 633               | 597                                    |
| TOTAL FOREIGN            | 0          | 113        | 178           | 291               | 229                                    |
| <b>Total</b>             | <b>648</b> | <b>474</b> | <b>1,079</b>  | <b>2,201</b>      | <b>1,408</b>                           |

Note: Represents licence authorities held by air carriers; however, an air carrier can hold multiple licence authorities.

1 Number of air carriers holding Canadian Transportation Agency licences, by nationality.

Source: Canadian Transportation Agency

**Table A8: Civil Aviation Personnel Licences and Permits by Category as of December 2018**

| Category                            | In Force      | Issued<br>12 Months | Male          | Female       |
|-------------------------------------|---------------|---------------------|---------------|--------------|
| <b>Aeroplanes</b>                   |               |                     |               |              |
| Private Pilot                       | 22,132        | 2,546               | 20,573        | 1,559        |
| Commercial Pilot                    | 7,470         | 1,365               | 6,886         | 584          |
| Airline Transport Pilot             | 13,595        | 580                 | 12,834        | 761          |
| Multi-Crew Pilots                   | 1             | 0                   | 1             | 0            |
| <b>Total</b>                        | <b>43,198</b> | <b>4,491</b>        | <b>40,294</b> | <b>2,904</b> |
| <b>Helicopters</b>                  |               |                     |               |              |
| Private Pilot                       | 709           | 69                  | 683           | 26           |
| Commercial Pilot                    | 2,745         | 198                 | 2,625         | 120          |
| Airline Transport Pilot             | 911           | 28                  | 882           | 29           |
| <b>Total</b>                        | <b>4,365</b>  | <b>295</b>          | <b>4,190</b>  | <b>175</b>   |
| <b>Permits</b>                      |               |                     |               |              |
| Gyroplane Pilot                     | 67            | 3                   | 64            | 3            |
| Ultra-Light Pilot                   | 2,488         | 146                 | 2,408         | 80           |
| Recreational Pilot                  | 1,292         | 100                 | 1,227         | 65           |
| <b>Total</b>                        | <b>3,847</b>  | <b>249</b>          | <b>3,699</b>  | <b>148</b>   |
| <b>Other Licences</b>               |               |                     |               |              |
| Glider Pilot                        | 5,903         | 297                 | 5,187         | 716          |
| Balloon Pilot                       | 172           | 5                   | 151           | 21           |
| Flight Engineer                     | 277           | 0                   | 268           | 9            |
| Air Traffic Controller              | 1,665         | 77                  | 1,412         | 253          |
| <b>Total</b>                        | <b>8,017</b>  | <b>379</b>          | <b>7,018</b>  | <b>999</b>   |
| <b>Total Licences &amp; Permits</b> | <b>59,427</b> | <b>5,414</b>        | <b>55,201</b> | <b>4,226</b> |

Note: Excludes student pilot permits

Source: Transport Canada, Safety and Security, Civil Aviation

**Table A9: Personnel Licences and Permits by Province/Territory, as of December 2017 and 2018**

| Province/Territory        | Number of<br>Licences<br>2017 | Number of<br>Licences<br>2018 | Growth<br>(per cent)<br>2017 - 2018 |
|---------------------------|-------------------------------|-------------------------------|-------------------------------------|
| Ontario                   | 21,876                        | 21,462                        | (1.9)                               |
| Quebec                    | 13,201                        | 12,813                        | (2.9)                               |
| British Columbia          | 11,271                        | 11,052                        | (1.9)                               |
| Alberta                   | 10,316                        | 10,150                        | (1.6)                               |
| Manitoba                  | 3,149                         | 3,081                         | (2.2)                               |
| Saskatchewan              | 2,284                         | 2,205                         | (3.5)                               |
| Other                     | 2,322                         | 2,097                         | (9.7)                               |
| New Brunswick             | 1,510                         | 1,493                         | (1.1)                               |
| Nova Scotia               | 1,096                         | 1,037                         | (5.4)                               |
| Newfoundland and Labrador | 900                           | 772                           | (14.2)                              |
| Northwest Territories     | 380                           | 379                           | (0.3)                               |
| Yukon                     | 334                           | 336                           | 0.6                                 |
| Prince Edward Island      | 145                           | 132                           | (9.0)                               |
| Nunavut                   | 28                            | 22                            | (21.4)                              |
| <b>Total</b>              | <b>68,812</b>                 | <b>67,031</b>                 | <b>(2.6)</b>                        |

Note: Including student pilot permits.

Source: Transport Canada, Safety and Security, Civil Aviation

**Table A10: Total Operating Revenues of Canadian Air Carriers, 2008–2017**

| (millions of dollars)            |                                |                           |                                       |              |                              |
|----------------------------------|--------------------------------|---------------------------|---------------------------------------|--------------|------------------------------|
| <i>Year</i>                      | <i>Passengers<br/>Services</i> | <i>Goods<br/>Services</i> | <i>Other<br/>Services<sup>1</sup></i> | <i>Total</i> | <i>Growth<br/>(per cent)</i> |
| 2008                             | 15,304                         | 1,267                     | 920                                   | 17,491       | -                            |
| 2009                             | 13,563                         | 1,032                     | 803                                   | 15,398       | (12.0)                       |
| 2010                             | 15,356                         | 1,159                     | 837                                   | 17,352       | 12.7                         |
| 2011                             | 16,930                         | 1,196                     | 941                                   | 19,067       | 9.9                          |
| 2012 <sup>R</sup>                | 18,081                         | 1,225                     | 1,037                                 | 20,343       | 6.7                          |
| 2013 <sup>R</sup>                | 18,525                         | 1,178                     | 1,113                                 | 20,816       | 2.3                          |
| 2014 <sup>R</sup>                | 19,726                         | 1,209                     | 1,374                                 | 22,309       | 7.2                          |
| 2015 <sup>R</sup>                | 20,058                         | 1,202                     | 1,573                                 | 22,833       | 2.3                          |
| 2016 <sup>R</sup>                | 20,319                         | 1,257                     | 1,655                                 | 23,231       | 1.7                          |
| 2017 <sup>P</sup>                | 22,384                         | 1,492                     | 1,681                                 | 25,558       | 10.0                         |
| <b>CAGR 2008-2017 (per cent)</b> | <b>3.9</b>                     | <b>1.6</b>                | <b>6.2</b>                            | <b>3.9</b>   |                              |

Notes: R = Revised data. P = Preliminary data. CAGR= Compound Average Growth Rate.

Scheduled and charter services, passengers and goods, for Level I to Level III carriers

1 Other services include other flying services, subsidies and net incidental air transport related revenue.

Sources: 2008-2011: Statistics Canada, Civil Aviation, Annual Operating and Financial Statistics, Canadian Air Carriers, Levels I to III, Cat. 51-004, various issues  
2012-2017: Statistics Canada, Table 23-10-0034-01

**Table A11: Annual Labour Costs per Employee of Canadian Air Carriers, 2008–2017**

| Average Annual Salary (dollars)      |                         |                         |               |               |                         |                         |                         |                         |                         |                         |
|--------------------------------------|-------------------------|-------------------------|---------------|---------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <i>Levels I-III<sup>1</sup></i>      | <i>2008<sup>R</sup></i> | <i>2009<sup>R</sup></i> | <i>2010</i>   | <i>2011</i>   | <i>2012<sup>R</sup></i> | <i>2013<sup>R</sup></i> | <i>2014<sup>R</sup></i> | <i>2015<sup>R</sup></i> | <i>2016<sup>R</sup></i> | <i>2017<sup>P</sup></i> |
| Pilots and Copilots                  | 98,726                  | 101,390                 | 102,225       | 105,963       | 113,595                 | 116,276                 | 116,571                 | 114,130                 | 125,817                 | 124,309                 |
| Other Flight Personnel               | 44,559                  | 43,698                  | 44,523        | 48,605        | 51,418                  | 53,436                  | 51,102                  | 55,174                  | 55,738                  | 60,400                  |
| Management and Administration        | 84,596                  | 76,091                  | 75,058        | 80,632        | 75,242                  | 80,607                  | 76,431                  | 87,235                  | 95,746                  | 100,018                 |
| Other Carrier Personnel <sup>2</sup> | 52,873                  | 52,840                  | 49,079        | 53,444        | 54,771                  | 55,089                  | 56,854                  | 58,773                  | 60,480                  | 57,867                  |
| <b>Total Levels I - III</b>          | <b>63,729</b>           | <b>62,969</b>           | <b>59,460</b> | <b>64,140</b> | <b>66,700</b>           | <b>65,578</b>           | <b>65,334</b>           | <b>65,370</b>           | <b>64,490</b>           | <b>59,024</b>           |
| Number of Employees                  |                         |                         |               |               |                         |                         |                         |                         |                         |                         |
| <i>Levels I-III<sup>1</sup></i>      | <i>2008<sup>R</sup></i> | <i>2009<sup>R</sup></i> | <i>2010</i>   | <i>2011</i>   | <i>2012<sup>R</sup></i> | <i>2013<sup>R</sup></i> | <i>2014<sup>R</sup></i> | <i>2015<sup>R</sup></i> | <i>2016<sup>R</sup></i> | <i>2017<sup>P</sup></i> |
| Pilots and Copilots                  | 9,925                   | 9,504                   | 9,667         | 10,094        | 10,236                  | 10,426                  | 10,420                  | 11,261                  | 10,447                  | 11,255                  |
| Other Flight Personnel               | 11,485                  | 10,901                  | 11,770        | 12,042        | 12,176                  | 12,426                  | 12,469                  | 11,598                  | 13,497                  | 14,540                  |
| Management and Administration        | 2,996                   | 3,098                   | 3,355         | 3,543         | 4,276                   | 4,058                   | 4,495                   | 4,098                   | 3,124                   | 3,162                   |
| Other Carrier Personnel <sup>2</sup> | 17,475                  | 19,324                  | 27,930        | 27,444        | 27,702                  | 28,411                  | 28,144                  | 28,540                  | 29,186                  | 32,507                  |
| <b>Total Levels I - III</b>          | <b>41,881</b>           | <b>42,827</b>           | <b>52,722</b> | <b>53,123</b> | <b>54,390</b>           | <b>55,321</b>           | <b>55,528</b>           | <b>55,497</b>           | <b>56,254</b>           | <b>61,464</b>           |

Notes: R = Revised data. P = Preliminary data.

1 Levels I-III (from 2001): Canadian air carriers that in each of the two calendar years immediately preceding the report year, realized annual gross revenues of \$1 million or more for the air services for which the air carrier held a license.

2 Including maintenance labour, aircraft and traffic servicing, and other personnel.

Sources: 2008-2011: Statistics Canada, Civil Aviation, Annual Operating and Financial Statistics, Canadian Air Carriers, Levels I to III, Cat. 51-004, various issues  
2012-2017: Statistics Canada, Table 23-10-0039-01

**Table A12: Average Scheduled Daily Seat-Kilometres, by Air Carrier, Domestic Sector, 2017 and 2018**

| <i>Airlines<sup>1</sup></i>              | <i>Daily Seat-Kilometres<sup>2</sup> (million)</i> |              | <i>Percentage<br/>Change</i> | <i>Capacity Share (per cent)</i> |              |
|------------------------------------------|----------------------------------------------------|--------------|------------------------------|----------------------------------|--------------|
|                                          | <i>2017</i>                                        | <i>2018</i>  |                              | <i>2017</i>                      | <i>2018</i>  |
| <b>Air Canada Family</b>                 |                                                    |              |                              |                                  |              |
| Air Canada <sup>3</sup>                  | 82.0                                               | 84.1         | 2.6                          | 42.6                             | 42.8         |
| Air Canada Express - Jazz                | 20.7                                               | 19.8         | -4.3                         | 10.7                             | 10.0         |
| Air Canada Express - Others <sup>4</sup> | 1.9                                                | 4.0          | 106.4                        | 1.0                              | 2.0          |
| <b>Total</b>                             | <b>104.5</b>                                       | <b>107.9</b> | <b>3.2</b>                   | <b>54.3</b>                      | <b>54.8</b>  |
| <b>National and Leisure Airlines</b>     |                                                    |              |                              |                                  |              |
| WestJet <sup>5</sup>                     | 72.0                                               | 71.6         | -0.6                         | 37.4                             | 36.4         |
| Porter Airlines                          | 4.4                                                | 4.5          | 3.3                          | 2.3                              | 2.3          |
| Air Transat <sup>6</sup>                 | 1.6                                                | 2.8          | 68.7                         | 0.9                              | 1.4          |
| Sunwing Airlines <sup>6</sup>            | 0.4                                                | 0.4          | -11.2                        | 0.2                              | 0.2          |
| <b>Total</b>                             | <b>78.5</b>                                        | <b>79.3</b>  | <b>1.0</b>                   | <b>40.8</b>                      | <b>40.3</b>  |
| <b>Northern Airlines</b>                 |                                                    |              |                              |                                  |              |
| First Air                                | 1.3                                                | 1.3          | 4.6                          | 0.7                              | 0.7          |
| Canadian North                           | 1.8                                                | 1.0          | -44.5                        | 0.9                              | 0.5          |
| Air North                                | 1.4                                                | 1.0          | -26.3                        | 0.7                              | 0.5          |
| <b>Total</b>                             | <b>4.5</b>                                         | <b>3.4</b>   | <b>-24.8</b>                 | <b>2.3</b>                       | <b>1.7</b>   |
| <b>Local Service Airlines</b>            | <b>5.1</b>                                         | <b>6.2</b>   | <b>21.9</b>                  | <b>2.6</b>                       | <b>3.2</b>   |
| <b>Grand Total</b>                       | <b>192.6</b>                                       | <b>196.7</b> | <b>2.1</b>                   | <b>100.0</b>                     | <b>100.0</b> |

## Notes:

1 Air Carriers listed are the marketing airlines, with the exception of the Air Canada Family.

2 Daily average seat-kilometres in 2017 and 2018 are based on the full year.

3 Air Canada includes domestic portion of Air Canada rouge flights.

4 Air Canada Express - Others includes services operated for Air Canada by Exploit Valley Air Services, Sky Regional, and Air Georgian.

5 WestJet includes WestJet Encore.

6 Domestic portion of international flights, only those flights designated as scheduled flights are included.

Totals may not add up due to rounding.

Sources: Electronic Collection of Air Transportation Statistics (ECATS), Transport Canada

**Table A13: Competition in the Top 25 Domestic Air Markets as of December 31, 2018**

| Rank | Market <sup>1</sup>                         | Daily Seats <sup>2</sup><br>2018 | Percentage change<br>over 2017 | ----- Capacity Market Shares (per cent) ----- |                      |                 |        | Daily Seats <sup>2</sup><br>2017 |
|------|---------------------------------------------|----------------------------------|--------------------------------|-----------------------------------------------|----------------------|-----------------|--------|----------------------------------|
|      |                                             |                                  |                                | Air Canada <sup>3</sup>                       | WestJet <sup>4</sup> | Porter Airlines | Others |                                  |
| 1    | Montreal, QC - Toronto, ON <sup>5,6</sup>   | 5,766                            | (4.2)                          | 64.4                                          | 15.9                 | 14.9            | 4.9    | 6,018                            |
| 2    | Vancouver, BC - Toronto, ON <sup>5,7</sup>  | 4,734                            | (2.7)                          | 69.9                                          | 26.7                 | 0.0             | 3.4    | 4,867                            |
| 3    | Vancouver, BC - Calgary, AB <sup>7</sup>    | 3,858                            | 10.4                           | 44.7                                          | 52.8                 | 0.0             | 2.5    | 3,495                            |
| 4    | Ottawa, ON - Toronto, ON <sup>5</sup>       | 3,766                            | (2.6)                          | 49.2                                          | 23.4                 | 27.3            | 0.1    | 3,866                            |
| 5    | Calgary, AB - Toronto, ON <sup>5</sup>      | 3,541                            | 3.5                            | 53.6                                          | 44.1                 | 0.0             | 2.4    | 3,422                            |
| 6    | Edmonton, AB - Vancouver, BC <sup>7</sup>   | 2,431                            | 11.5                           | 49.4                                          | 48.2                 | 0.0             | 2.4    | 2,180                            |
| 7    | Edmonton, AB - Toronto, ON <sup>5</sup>     | 2,238                            | 4.4                            | 55.3                                          | 42.6                 | 0.0             | 2.1    | 2,143                            |
| 8    | Halifax, NS - Toronto, ON <sup>5</sup>      | 2,048                            | 5.3                            | 62.4                                          | 37.0                 | 0.6             | 0.0    | 1,945                            |
| 9    | Winnipeg, MB - Toronto, ON <sup>5</sup>     | 1,857                            | 3.0                            | 55.4                                          | 44.5                 | 0.0             | 0.1    | 1,804                            |
| 10   | Edmonton, AB - Calgary, AB                  | 1,824                            | (2.0)                          | 38.6                                          | 47.6                 | 0.0             | 13.8   | 1,862                            |
| 11   | Vancouver, BC - Victoria, BC <sup>7,8</sup> | 1,576                            | (4.5)                          | 56.2                                          | 21.9                 | 0.0             | 21.9   | 1,651                            |
| 12   | Montreal, QC - Vancouver, BC <sup>6,7</sup> | 1,280                            | 6.3                            | 84.6                                          | 10.3                 | 0.0             | 5.1    | 1,204                            |
| 13   | Kelowna, BC - Vancouver, BC <sup>7</sup>    | 1,232                            | 4.6                            | 52.1                                          | 44.1                 | 0.0             | 3.8    | 1,178                            |
| 14   | Kelowna, BC - Calgary, AB                   | 1,100                            | 9.2                            | 18.4                                          | 80.9                 | 0.0             | 0.7    | 1,007                            |
| 15   | Winnipeg, MB - Calgary, AB                  | 1,096                            | (3.6)                          | 23.7                                          | 75.4                 | 0.0             | 1.0    | 1,136                            |
| 16   | Thunder Bay, ON - Toronto, ON <sup>5</sup>  | 1,067                            | (1.3)                          | 40.9                                          | 18.3                 | 40.8            | -0.0   | 1,081                            |
| 17   | St John's, NL - Toronto, ON <sup>5</sup>    | 1,047                            | 5.9                            | 73.0                                          | 26.1                 | 0.0             | 1.0    | 989                              |
| 18   | Quebec City, QC - Montreal, QC <sup>6</sup> | 1,000                            | (4.2)                          | 69.3                                          | 18.1                 | 0.0             | 12.7   | 1,043                            |
| 19   | Quebec City, QC - Toronto, ON <sup>5</sup>  | 962                              | 5.6                            | 68.7                                          | 21.3                 | 10.0            | -0.0   | 911                              |
| 20   | Saskatoon, SK - Calgary, AB                 | 941                              | (2.3)                          | 31.5                                          | 68.5                 | 0.0             | 0.0    | 964                              |
| 21   | Halifax, NS - Montreal, QC <sup>6</sup>     | 881                              | 2.1                            | 66.7                                          | 15.0                 | 18.2            | 0.1    | 863                              |
| 22   | Calgary, AB - Victoria, BC <sup>8</sup>     | 867                              | 2.5                            | 23.5                                          | 76.5                 | 0.0             | 0.0    | 846                              |
| 23   | Halifax, NS - Ottawa, ON                    | 803                              | (0.5)                          | 43.6                                          | 26.9                 | 29.5            | 0.0    | 806                              |
| 24   | Halifax, NS - St John's, NL                 | 761                              | (7.2)                          | 49.8                                          | 34.4                 | 15.4            | 0.4    | 820                              |
| 25   | Regina, SK - Calgary, AB                    | 741                              | (9.3)                          | 29.9                                          | 69.2                 | 0.0             | 0.9    | 817                              |

## Notes:

- 1 The top 25 markets are ranked on the number of 2017 daily seats.
- 2 The number of daily seats is defined as the average number of seats offered on non-stop flights in each direction.
- 3 Data for Air Canada include the number of seats operated by Air Canada rouge and Air Canada Express.
- 4 Data for WestJet includes the number of seats operated by WestJet Encore.
- 5 Includes Toronto Lester B Pearson and Billy Bishop Toronto City Airport.
- 6 Includes Montréal Pierre Elliot Trudeau and Montréal St-Hubert.
- 7 Includes Vancouver International and Vancouver Harbour.
- 8 Includes Victoria International and Victoria Harbour.

Source: Electronic Collection of Air Transportation Statistics (ECATS), Transport Canada

**Table A14: Top 20 busiest Canadian airports in terms of Enplaned/Deplaned Revenue Passengers, 2009–2018**

|                               |                                            | (Millions of E/D revenue passengers) |              |              |              |              |                   |                   |                   |                   |                   | 2009-18<br>CAGR |
|-------------------------------|--------------------------------------------|--------------------------------------|--------------|--------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|
| Ranking<br>Average<br>2009-18 | Sector, Airport/Province                   | 2009                                 | 2010         | 2011         | 2012         | 2013         | 2014 <sup>R</sup> | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> |                 |
| 1                             | Toronto Pearson International, ON          | 29.3                                 | 30.9         | 32.5         | 34.2         | 35.3         | 37.3              | 39.7              | 43.1              | 45.8              | 47.9              | 5.6             |
| 2                             | Vancouver International, BC                | 15.7                                 | 16.4         | 16.8         | 17.3         | 17.7         | 19.2              | 19.8              | 21.9              | 23.8              | 24.9              | 5.3             |
| 3                             | Montréal Trudeau International, QC         | 11.8                                 | 12.7         | 13.4         | 13.6         | 13.6         | 14.2              | 14.8              | 16.0              | 17.7              | 18.8              | 5.3             |
| 4                             | Calgary International, AB                  | 11.6                                 | 12.0         | 12.3         | 13.1         | 13.7         | 14.6              | 14.8              | 15.1              | 15.7              | 16.3              | 3.8             |
| 5                             | Edmonton International, AB                 | 6.0                                  | 6.2          | 6.4          | 6.9          | 7.4          | 7.8               | 7.5               | 7.1               | 7.6               | 7.4               | 2.5             |
| 6                             | Ottawa Macdonald-Cartier Int'l, ON         | 4.1                                  | 4.3          | 4.5          | 4.6          | 4.5          | 4.6               | 4.6               | 4.8               | 4.9               | 5.0               | 2.3             |
| 7                             | Halifax Robert L. Stanfield Int'l, NS      | 3.4                                  | 3.5          | 3.6          | 3.6          | 3.6          | 3.6               | 3.7               | 3.9               | 4.1               | 4.2               | 2.6             |
| 8                             | Winnipeg Richardson Int'l, MB              | 3.4                                  | 3.5          | 3.5          | 3.5          | 3.4          | 3.6               | 3.7               | 3.9               | 4.2               | 4.1               | 2.1             |
| 9                             | Victoria International, BC                 | 1.5                                  | 1.5          | 1.5          | 1.5          | 1.5          | 1.6               | 1.7               | 1.8               | 1.9               | 1.9               | 2.9             |
| 10                            | Kelowna, BC                                | 1.3                                  | 1.4          | 1.4          | 1.4          | 1.5          | 1.6               | 1.6               | 1.7               | 1.9               | 1.9               | 3.9             |
|                               | <b>Total - Top 10 Airports<sup>1</sup></b> | <b>88.1</b>                          | <b>92.4</b>  | <b>95.7</b>  | <b>99.7</b>  | <b>102.2</b> | <b>108.0</b>      | <b>111.7</b>      | <b>119.3</b>      | <b>127.5</b>      | <b>132.5</b>      | <b>4.6</b>      |
| 11                            | Québec City Jean Lesage Int'l, QC          | 1.2                                  | 1.3          | 1.4          | 1.5          | 1.5          | 1.5               | 1.5               | 1.6               | 1.6               | 1.7               | 4.5             |
| 12                            | St John's International, NL                | 1.2                                  | 1.3          | 1.3          | 1.4          | 1.5          | 1.5               | 1.5               | 1.6               | 1.6               | 1.5               | 2.8             |
| 13                            | Saskatoon John G. Diefenbaker, SK          | 1.1                                  | 1.2          | 1.2          | 1.3          | 1.4          | 1.5               | 1.4               | 1.5               | 1.5               | 1.4               | 2.7             |
| 14                            | Regina International, SK                   | 1.0                                  | 1.1          | 1.1          | 1.2          | 1.2          | 1.3               | 1.3               | 1.3               | 1.2               | 1.2               | 1.9             |
| 15                            | Fort McMurray, AB                          | 0.7                                  | 0.7          | 0.7          | 0.9          | 1.1          | 1.2               | 1.0               | 0.7               | 0.7               | 0.6               | -1.3            |
| 16                            | Thunder Bay, ON                            | 0.6                                  | 0.7          | 0.7          | 0.7          | 0.8          | 0.8               | 0.7               | 0.8               | 0.8               | 0.7               | 2.1             |
| 17                            | Moncton/Greater Moncton Int'l, NB          | 0.5                                  | 0.5          | 0.6          | 0.6          | 0.6          | 0.7               | 0.6               | 0.6               | 0.7               | 0.7               | 3.2             |
| 18                            | Abbotsford, BC                             | 0.5                                  | C            | C            | C            | C            | C                 | C                 | C                 | C                 | C                 |                 |
| 19                            | London, ON                                 | 0.5                                  | 0.5          | 0.5          | 0.5          | 0.5          | 0.5               | 0.5               | 0.5               | 0.5               | 0.5               | 0.6             |
| 20                            | Prince George, BC                          | 0.4                                  | 0.4          | 0.4          | 0.4          | 0.4          | 0.4               | 0.4               | 0.5               | 0.5               | 0.5               | 2.3             |
|                               | <b>Total - Top 20 Airports</b>             | <b>95.7</b>                          | <b>100.1</b> | <b>103.6</b> | <b>108.2</b> | <b>111.1</b> | <b>117.3</b>      | <b>120.7</b>      | <b>128.3</b>      | <b>136.5</b>      | <b>141.4</b>      | <b>4.4</b>      |
|                               | <b>Grand Total for All Airports</b>        | <b>104.8</b>                         | <b>109.0</b> | <b>113.6</b> | <b>119.2</b> | <b>122.5</b> | <b>129.5</b>      | <b>132.7</b>      | <b>140.6</b>      | <b>152.0</b>      | <b>156.4</b>      | <b>4.6</b>      |
|                               | <b>Top 10's Share (%) of Grand Total</b>   | <b>84.1</b>                          | <b>84.7</b>  | <b>84.2</b>  | <b>83.6</b>  | <b>83.5</b>  | <b>83.5</b>       | <b>84.2</b>       | <b>84.9</b>       | <b>83.9</b>       | <b>84.7</b>       |                 |
|                               | <b>Top 20's Share (%) of Grand Total</b>   | <b>91.4</b>                          | <b>91.8</b>  | <b>91.2</b>  | <b>90.7</b>  | <b>90.7</b>  | <b>90.6</b>       | <b>91.0</b>       | <b>91.3</b>       | <b>89.8</b>       | <b>90.4</b>       |                 |

Notes: R= Revised data. P= Preliminary data. C= Confidential data. E/D= Enplaned/Deplaned passengers. CAGR= Compounded Annual Growth Rate.

1 Toronto Billy Bishop Airport ranks amongst the top 10 airports, but was not included due to confidentiality.

Source: Transport Canada, ECATS database

**Table A15: Top 10 busiest Canadian airports in terms of Enplaned/Deplaned Revenue Passengers, by Sector, 2009–2018**

| Ranking<br>Average<br>2009-18 | Sector: Airport/Province                 | (Millions of E/D revenue passengers) |              |              |              |              |                   |                   |                   |                   |                   | 2009-18<br>CAGR (%) |
|-------------------------------|------------------------------------------|--------------------------------------|--------------|--------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
|                               |                                          | 2009                                 | 2010         | 2011         | 2012         | 2013         | 2014 <sup>R</sup> | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> |                     |
|                               | <b>Domestic<sup>1</sup></b>              |                                      |              |              |              |              |                   |                   |                   |                   |                   |                     |
| 1                             | Toronto Pearson International, ON        | 12.6                                 | 12.8         | 13.1         | 13.8         | 14.3         | 15.1              | 15.6              | 16.7              | 17.2              | 17.3              | 3.6                 |
| 2                             | Vancouver International, BC              | 8.5                                  | 8.5          | 8.6          | 9.0          | 9.3          | 9.9               | 10.1              | 10.9              | 11.6              | 11.8              | 3.7                 |
| 3                             | Calgary International, AB                | 8.2                                  | 8.5          | 8.6          | 9.2          | 9.7          | 10.3              | 10.5              | 10.6              | 10.9              | 11.4              | 3.7                 |
| 4                             | Edmonton International, AB               | 4.6                                  | 4.9          | 5.0          | 5.5          | 5.9          | 6.0               | 5.9               | 5.8               | 6.3               | 6.1               | 3.1                 |
| 5                             | Montreal Trudeau International, QC       | 4.6                                  | 4.8          | 5.1          | 5.2          | 5.1          | 5.4               | 5.6               | 6.2               | 6.7               | 6.9               | 4.6                 |
| 6                             | Ottawa Macdonald-Cartier Int'l, ON       | 3.0                                  | 3.2          | 3.4          | 3.4          | 3.3          | 3.4               | 3.5               | 3.8               | 3.9               | 4.0               | 3.1                 |
| 7                             | Winnipeg Richardson International, MB    | 2.8                                  | 2.9          | 2.9          | 3.0          | 2.9          | 3.0               | 3.0               | 3.3               | 3.6               | 3.4               | 2.2                 |
| 8                             | Halifax Stanfield International, NS      | 2.7                                  | 2.8          | 2.9          | 2.9          | 2.9          | 2.9               | 3.0               | 3.2               | 3.4               | 3.5               | 3.0                 |
| 9                             | Kelowna, BC                              | 1.2                                  | 1.2          | 1.2          | 1.3          | 1.3          | 1.4               | 1.4               | 1.6               | 1.7               | 1.8               | 4.1                 |
| 10                            | Victoria International, BC               | 1.2                                  | 1.2          | 1.2          | 1.2          | 1.2          | 1.3               | 1.4               | 1.5               | 1.6               | 1.6               | 3.7                 |
|                               | <b>Subtotal (Domestic)</b>               | <b>49.4</b>                          | <b>50.9</b>  | <b>51.9</b>  | <b>54.4</b>  | <b>55.9</b>  | <b>58.7</b>       | <b>59.9</b>       | <b>63.6</b>       | <b>66.9</b>       | <b>67.8</b>       | <b>3.6</b>          |
|                               | <b>Transborder<sup>1</sup></b>           |                                      |              |              |              |              |                   |                   |                   |                   |                   |                     |
| 1                             | Toronto Pearson International, ON        | 8.0                                  | 8.5          | 8.8          | 9.3          | 9.7          | 10.2              | 10.9              | 11.8              | 12.7              | 13.4              | 6.0                 |
| 2                             | Vancouver International, BC              | 3.8                                  | 4.1          | 4.1          | 4.2          | 4.2          | 4.7               | 5.0               | 5.4               | 6.0               | 6.3               | 5.9                 |
| 3                             | Montreal Trudeau International, QC       | 2.8                                  | 3.1          | 3.1          | 3.1          | 3.2          | 3.4               | 3.5               | 3.8               | 4.0               | 4.3               | 4.9                 |
| 4                             | Calgary International, AB                | 2.3                                  | 2.4          | 2.5          | 2.7          | 2.7          | 3.0               | 3.0               | 2.9               | 3.1               | 3.3               | 3.8                 |
| 5                             | Edmonton International, AB               | 1.0                                  | 1.0          | 1.1          | 1.2          | 1.2          | 1.3               | 1.2               | 0.9               | 0.9               | 1.0               | (0.6)               |
| 6                             | Ottawa Macdonald-Cartier Int'l, ON       | 0.7                                  | 0.7          | 0.7          | 0.8          | 0.8          | 0.7               | 0.7               | 0.7               | 0.6               | 0.7               | 0.4                 |
| 7                             | Winnipeg Richardson International, MB    | 0.5                                  | 0.4          | 0.5          | 0.5          | 0.5          | 0.5               | 0.4               | 0.4               | 0.4               | 0.4               | (0.2)               |
| 8                             | Halifax Robert L. Stanfield Int'l, NS    | 0.3                                  | 0.4          | 0.4          | 0.4          | 0.4          | 0.4               | 0.3               | 0.3               | 0.3               | 0.3               | (1.5)               |
| 9                             | Victoria International, BC               | 0.2                                  | 0.3          | 0.3          | 0.2          | 0.3          | 0.2               | 0.3               | 0.3               | 0.3               | 0.3               | 2.1                 |
| 10                            | Québec City Jean Lesage Int'l, QC        | 0.2                                  | 0.2          | 0.2          | 0.3          | 0.3          | 0.2               | 0.2               | 0.2               | 0.2               | 0.2               | (1.1)               |
|                               | <b>Subtotal (Transborder)</b>            | <b>19.8</b>                          | <b>20.9</b>  | <b>21.6</b>  | <b>22.5</b>  | <b>23.1</b>  | <b>24.7</b>       | <b>25.5</b>       | <b>26.7</b>       | <b>28.4</b>       | <b>30.2</b>       | <b>4.8</b>          |
|                               | <b>Other International</b>               |                                      |              |              |              |              |                   |                   |                   |                   |                   |                     |
| 1                             | Toronto Pearson International, ON        | 8.8                                  | 9.6          | 10.6         | 11.1         | 11.3         | 12.0              | 13.1              | 14.5              | 15.9              | 17.0              | 7.6                 |
| 2                             | Montreal Trudeau International, QC       | 4.5                                  | 4.8          | 5.2          | 5.2          | 5.3          | 5.4               | 5.7               | 6.0               | 7.0               | 7.6               | 6.1                 |
| 3                             | Vancouver International, BC              | 3.4                                  | 3.8          | 4.0          | 4.0          | 4.1          | 4.6               | 4.7               | 5.5               | 6.3               | 6.8               | 8.0                 |
| 4                             | Calgary International, AB                | 1.1                                  | 1.3          | 1.3          | 1.3          | 1.3          | 1.4               | 1.4               | 1.6               | 1.7               | 1.7               | 4.9                 |
| 5                             | Ottawa Macdonald-Cartier Int'l, ON       | 0.4                                  | 0.4          | 0.4          | 0.5          | 0.5          | 0.4               | 0.4               | 0.4               | 0.4               | 0.4               | (0.1)               |
| 6                             | Edmonton International, AB               | 0.4                                  | 0.4          | 0.4          | 0.4          | 0.4          | 0.4               | 0.5               | 0.4               | 0.4               | 0.4               | 1.6                 |
| 7                             | Québec City Jean Lesage Int'l, QC        | 0.3                                  | 0.3          | 0.4          | 0.4          | 0.4          | 0.4               | 0.4               | 0.4               | 0.3               | 0.3               | 0.9                 |
| 8                             | Halifax Robert L. Stanfield Int'l, NS    | 0.3                                  | 0.3          | 0.3          | 0.3          | 0.3          | 0.3               | 0.3               | 0.3               | 0.3               | 0.4               | 2.6                 |
| 9                             | Winnipeg Richardson International, MB    | 0.1                                  | 0.2          | 0.2          | 0.2          | 0.2          | 0.2               | 0.2               | 0.2               | 0.2               | 0.2               | 4.3                 |
| 10                            | St John's International, NL              | 0.0                                  | 0.1          | 0.0          | 0.1          | 0.1          | 0.1               | 0.1               | 0.1               | 0.1               | 0.1               | 12.3                |
|                               | <b>Subtotal (Other International)</b>    | <b>19.3</b>                          | <b>21.1</b>  | <b>22.8</b>  | <b>23.4</b>  | <b>23.7</b>  | <b>25.1</b>       | <b>26.8</b>       | <b>29.5</b>       | <b>32.6</b>       | <b>35.0</b>       | <b>6.8</b>          |
|                               | <b>All Sectors</b>                       |                                      |              |              |              |              |                   |                   |                   |                   |                   |                     |
| 1                             | Toronto Pearson International, ON        | 29.3                                 | 30.9         | 32.4         | 34.1         | 35.1         | 37.5              | 39.6              | 42.8              | 45.1              | 47.9              | 5.6                 |
| 2                             | Vancouver International, BC              | 15.7                                 | 16.3         | 16.6         | 17.2         | 17.5         | 18.9              | 19.7              | 21.3              | 23.6              | 24.9              | 5.3                 |
| 3                             | Montreal Trudeau International, QC       | 11.8                                 | 12.6         | 13.3         | 13.4         | 13.5         | 14.2              | 14.8              | 15.7              | 17.2              | 18.8              | 5.3                 |
| 4                             | Calgary International, AB                | 11.6                                 | 11.8         | 12.1         | 12.9         | 13.5         | 14.4              | 14.6              | 14.8              | 15.6              | 16.3              | 3.8                 |
| 5                             | Edmonton International, AB               | 6.0                                  | 6.0          | 6.2          | 6.7          | 7.2          | 7.6               | 7.5               | 7.0               | 7.5               | 7.4               | 2.5                 |
| 6                             | Ottawa Macdonald-Cartier Int'l, ON       | 4.1                                  | 4.2          | 4.4          | 4.5          | 4.4          | 4.5               | 4.4               | 4.6               | 4.7               | 5.0               | 2.3                 |
| 7                             | Halifax Robert L. Stanfield Int'l, NS    | 3.4                                  | 3.4          | 3.5          | 3.5          | 3.5          | 3.6               | 3.6               | 3.8               | 4.0               | 4.2               | 2.6                 |
| 8                             | Winnipeg Richardson International, MB    | 3.4                                  | 3.4          | 3.4          | 3.4          | 3.4          | 3.5               | 3.6               | 3.8               | 4.2               | 4.1               | 2.1                 |
| 9                             | Victoria International, BC               | 1.5                                  | 1.5          | 1.5          | 1.5          | 1.5          | 1.6               | 1.7               | 1.8               | 1.9               | 1.9               | 2.9                 |
| 10                            | Kelowna, BC                              | 1.3                                  | 1.4          | 1.4          | 1.4          | 1.5          | 1.6               | 1.6               | 1.7               | 1.9               | 1.9               | 3.9                 |
|                               | <b>Subtotal (All Sectors)</b>            | <b>88.1</b>                          | <b>91.4</b>  | <b>94.5</b>  | <b>98.6</b>  | <b>101.2</b> | <b>107.4</b>      | <b>111.0</b>      | <b>117.4</b>      | <b>125.6</b>      | <b>132.5</b>      | <b>4.6</b>          |
|                               | <b>Grand Total for All Airports</b>      |                                      |              |              |              |              |                   |                   |                   |                   |                   |                     |
|                               | Domestic                                 | 64.7                                 | 67.3         | 69.4         | 73.4         | 75.6         | 79.6              | 80.4              | 84.6              | 89.3              | 89.5              | 3.7                 |
|                               | Transborder                              | 20.5                                 | 22.0         | 22.8         | 23.8         | 24.6         | 26.3              | 26.9              | 28.1              | 29.6              | 31.4              | 4.8                 |
|                               | Other International                      | 19.6                                 | 21.5         | 23.1         | 23.8         | 24.1         | 25.6              | 27.3              | 29.9              | 33.0              | 35.5              | 6.8                 |
|                               | <b>All Sectors</b>                       | <b>104.8</b>                         | <b>110.8</b> | <b>115.4</b> | <b>121.1</b> | <b>124.3</b> | <b>131.4</b>      | <b>134.7</b>      | <b>142.7</b>      | <b>152.0</b>      | <b>156.4</b>      | <b>4.6</b>          |
|                               | <b>Top 10's Share (%) of Grand Total</b> |                                      |              |              |              |              |                   |                   |                   |                   |                   |                     |
|                               | Domestic                                 | 76.3                                 | 75.6         | 74.8         | 74.0         | 74.0         | 73.8              | 74.5              | 75.2              | 74.9              | 75.7              |                     |
|                               | Transborder                              | 96.4                                 | 95.4         | 94.9         | 94.5         | 94.0         | 94.1              | 94.6              | 95.1              | 95.8              | 95.9              |                     |
|                               | Other International                      | 98.6                                 | 98.4         | 98.5         | 98.4         | 98.3         | 98.3              | 98.3              | 98.5              | 98.6              | 98.8              |                     |
|                               | <b>All Sectors</b>                       | <b>84.1</b>                          | <b>82.5</b>  | <b>81.9</b>  | <b>81.5</b>  | <b>81.4</b>  | <b>81.7</b>       | <b>82.4</b>       | <b>82.3</b>       | <b>82.7</b>       | <b>84.7</b>       |                     |

Notes: R= Revised data. P= Preliminary data. CAGR= Compounded Annual Growth Rate.

1 Toronto Billy Bishop Airport ranks amongst the top 10 airports, but was not included due to confidentiality.

2 Due to rounding, numbers represented may not add up precisely to totals.

Sources: Transport Canada, adapted from Statistics Canada, "Air Carrier Traffic at Canadian airports", Cat. 51-203, various issues Transport Canada, ECATS database for years 2010-2018

**Table A16: Volume of Traffic Carried by Canadian Air Carriers<sup>1</sup>, 2009-2018**

| <i>Year</i>               | (Millions)        |                               |                       |  | <i>Goods<br/>Tonne-Kilometers</i> |
|---------------------------|-------------------|-------------------------------|-----------------------|--|-----------------------------------|
|                           | <i>Passengers</i> | <i>Passenger - Kilometers</i> | <i>Goods (Tonnes)</i> |  |                                   |
| 2009                      | 55.0              | 122,683                       | 0.671                 |  | 1,628                             |
| 2010                      | 59.0              | 136,286                       | 0.790                 |  | 2,085                             |
| 2011                      | 62.9              | 147,107                       | 0.754                 |  | 2,212                             |
| 2012                      | 66.9              | 156,323                       | 0.747                 |  | 2,266                             |
| 2013                      | 67.4              | 155,876                       | 0.715                 |  | 2,169                             |
| 2014                      | 72.2              | 167,108                       | 0.737                 |  | 2,376                             |
| 2015                      | 75.5              | 176,255                       | 0.695                 |  | 2,283                             |
| 2016                      | 80.4              | 191,889                       | 0.724                 |  | 2,529                             |
| 2017                      | 86.8              | 210,192                       | 0.854                 |  | 3,131                             |
| 2018                      | 91.4              | 226,469                       | 0.962                 |  | 2,482                             |
| <b>CAGR 2009–2018 (%)</b> | <b>5.8</b>        | <b>7.0</b>                    | <b>4.1</b>            |  | <b>4.8</b>                        |

Notes: CAGR= Compounded Annual Growth Rate. NA= Not Available.

1. Scheduled and charter services, Canadian air carriers Level I to III for 2009 to 2015 and Level I to II for 2016 to 2018.

Source: Statistics Canada, Table 23-10-0259-01

**Table A17: Top 10 Busiest Canadian Airports in Terms of Loaded/Unloaded Revenue Cargo<sup>1</sup>, by Sector 2009-2018**

| Ranking<br>Average<br>2009-18            | Sector: Airport/Province              | 2009         | 2010           | 2011           | 2012           | 2013           | 2014 <sup>R</sup> | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> | 2009-2018<br>CAGR |
|------------------------------------------|---------------------------------------|--------------|----------------|----------------|----------------|----------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Domestic</b>                          |                                       |              |                |                |                |                |                   |                   |                   |                   |                   |                   |
| 1                                        | Vancouver International, BC           | 70.4         | 78.9           | 79.1           | 76.0           | 71.1           | 82.2              | 88.4              | 91.6              | 105.1             | 115.7             | 5.7               |
| 2                                        | Toronto Pearson International, ON     | 58.3         | 66.8           | 65.1           | 67.6           | 67.6           | 73.8              | 80.2              | 80.7              | 96.8              | 95.6              | 5.7               |
| 3                                        | Hamilton, ON                          | 63.9         | 69.0           | 75.8           | 67.5           | 65.3           | 67.7              | 74.4              | 77.8              | 75.7              | 84.8              | 3.2               |
| 4                                        | Winnipeg Richardson International, MB | 47.1         | 78.2           | 76.0           | 76.6           | 57.4           | 61.9              | C                 | C                 | C                 | C                 |                   |
| 5                                        | Calgary International, AB             | 32.5         | 47.5           | 43.1           | 40.1           | 35.1           | 36.4              | 44.5              | 47.7              | 71.5              | 71.6              | 9.2               |
| 6                                        | Montreal Mirabel, QC                  | 31.3         | 36.1           | 39.3           | 37.5           | 35.2           | 35.0              | 36.2              | C                 | C                 | C                 |                   |
| 7                                        | Moncton/Greater Moncton Int'l, NB     | 22.0         | 30.9           | 33.3           | C              | C              | C                 | C                 | C                 | C                 | C                 |                   |
| 8                                        | Halifax Robert L. Stanfield Int'l, NS | 20.9         | 23.1           | 26.5           | 26.5           | 25.7           | 26.6              | 22.0              | 20.6              | 23.9              | 23.9              | 1.5               |
| 9                                        | Edmonton International, AB            | 14.6         | 17.9           | 18.8           | 18.4           | 19.4           | 20.3              | 20.6              | C                 | C                 | C                 |                   |
| 10                                       | Montreal Trudeau International, QC    | 11.6         | 13.7           | 12.2           | 12.1           | 10.2           | 14.2              | 15.9              | 21.7              | 24.7              | 28.2              | 10.4              |
|                                          | <b>Subtotal (Domestic)</b>            | <b>372.6</b> | <b>462.1</b>   | <b>469.1</b>   | <b>422.3</b>   | <b>387.0</b>   | <b>418.0</b>      | <b>382.2</b>      | <b>340.1</b>      | <b>397.7</b>      | <b>419.7</b>      | <b>1.3</b>        |
| <b>Transborder</b>                       |                                       |              |                |                |                |                |                   |                   |                   |                   |                   |                   |
| 1                                        | Toronto Pearson International, ON     | 97.0         | 111.7          | 106.4          | 98.1           | 98.5           | 101.9             | 98.9              | 97.0              | 103.5             | 100.5             | 0.4               |
| 2                                        | Montreal Mirabel, QC                  | 29.4         | 34.9           | 39.4           | 37.1           | 36.2           | 37.2              | 36.7              | C                 | C                 | C                 |                   |
| 3                                        | Vancouver International, BC           | 28.1         | 37.1           | 41.4           | 38.8           | 40.6           | 40.8              | 41.2              | 41.8              | 48.3              | 48.4              | 6.2               |
| 4                                        | Calgary International, AB             | 23.3         | 23.6           | 24.5           | 25.0           | 26.7           | 24.3              | 22.6              | 24.5              | 26.5              | 24.0              | 0.3               |
| 5                                        | Hamilton, ON                          | 9.2          | 10.7           | 17.2           | 18.1           | 25.8           | 32.5              | C                 | C                 | C                 | C                 |                   |
| 6                                        | Winnipeg Richardson International, MB | 6.4          | 7.3            | 7.2            | 8.3            | 8.0            | 8.3               | C                 | C                 | C                 | C                 |                   |
| 7                                        | Edmonton International, AB            | 3.4          | 4.9            | 5.6            | 6.5            | 8.0            | 8.3               | 6.9               | C                 | C                 | C                 |                   |
| 8                                        | Montreal Trudeau International, QC    | 3.3          | 3.1            | 1.1            | 1.1            | 1.3            | 1.3               | 0.9               | 0.7               | 1.1               | 1.7               | (7.4)             |
| 9                                        | Ottawa Macdonald-Cartier Int'l, ON    | 0.5          | 0.8            | 0.8            | 0.8            | 0.9            | 0.8               | 1.0               | C                 | C                 | C                 |                   |
| 10                                       | Halifax Robert L. Stanfield Int'l, NS | 0.7          | 0.5            | 0.0            | 0.2            | 0.0            | 0.6               | 0.5               | C                 | C                 | C                 |                   |
|                                          | <b>Subtotal (Transborder)</b>         | <b>201.3</b> | <b>234.7</b>   | <b>243.6</b>   | <b>234.0</b>   | <b>245.9</b>   | <b>256.0</b>      | <b>208.9</b>      | <b>164.0</b>      | <b>179.4</b>      | <b>174.6</b>      | <b>(1.5)</b>      |
| <b>Other International</b>               |                                       |              |                |                |                |                |                   |                   |                   |                   |                   |                   |
| 1                                        | Toronto Pearson International, ON     | 143.3        | 174.2          | 186.8          | 191.2          | 189.1          | 192.9             | 204.4             | 215.8             | 255.3             | 294.0             | 8.3               |
| 2                                        | Vancouver International, BC           | 70.3         | 87.9           | 85.4           | 93.1           | 90.3           | 111.6             | 114.2             | 127.0             | 141.2             | 179.9             | 11.0              |
| 3                                        | Montreal Trudeau International, QC    | 51.4         | 62.3           | 64.5           | 67.7           | 66.1           | 62.1              | 64.1              | 73.8              | 78.9              | 93.3              | 6.9               |
| 4                                        | Calgary International, AB             | 17.1         | 29.3           | 25.6           | 23.4           | 27.1           | 35.4              | 36.4              | 29.1              | 28.3              | 24.0              | 3.9               |
| 5                                        | Halifax Robert L. Stanfield Int'l, NS | 5.0          | 0.2            | 0.6            | 0.6            | 1.4            | 0.5               | 0.2               | C                 | C                 | C                 |                   |
| 6                                        | Ottawa Macdonald-Cartier Int'l, ON    | 1.7          | 3.9            | 2.9            | 2.1            | 2.0            | 2.1               | 2.5               | C                 | C                 | C                 |                   |
| 7                                        | Edmonton International, AB            | 1.4          | 1.5            | 1.3            | 1.4            | 1.1            | 1.2               | 1.8               | C                 | C                 | C                 |                   |
| 8                                        | Hamilton, ON                          | 0.6          | 0.2            | 0.6            | 0.6            | 1.4            | 0.5               | C                 | C                 | C                 | C                 |                   |
| 9                                        | Montreal Mirabel, QC                  | 0.1          | 1.1            | 0.5            | 0.6            | 0.4            | 0.4               | 0.7               | C                 | C                 | C                 |                   |
| 10                                       | Winnipeg Richardson International, MB | 0.0          | 0.0            | 0.1            | 0.5            | 0.4            | 0.9               | C                 | C                 | C                 | C                 |                   |
|                                          | <b>Subtotal (Other International)</b> | <b>290.8</b> | <b>360.7</b>   | <b>368.3</b>   | <b>381.2</b>   | <b>379.1</b>   | <b>407.5</b>      | <b>424.2</b>      | <b>445.8</b>      | <b>503.7</b>      | <b>591.3</b>      | <b>8.2</b>        |
| <b>All Sectors</b>                       |                                       |              |                |                |                |                |                   |                   |                   |                   |                   |                   |
| 1                                        | Toronto Pearson International, ON     | 298.5        | 352.7          | 358.3          | 357.0          | 355.2          | 368.6             | 383.5             | 393.5             | 455.6             | 490.1             | 5.7               |
| 2                                        | Vancouver International, BC           | 168.8        | 204.0          | 205.9          | 207.9          | 202.0          | 234.6             | 243.9             | 260.5             | 294.6             | 343.9             | 8.2               |
| 3                                        | Montreal Trudeau International, QC    | 66.3         | 78.7           | 77.7           | 80.8           | 77.7           | 77.6              | 80.9              | 96.3              | 104.8             | 123.2             | 7.1               |
| 4                                        | Calgary International, AB             | 72.9         | 100.4          | 93.2           | 88.4           | 88.8           | 96.0              | 103.5             | 101.3             | 126.2             | 119.7             | 5.7               |
| 5                                        | Hamilton, ON                          | 73.7         | 79.9           | 93.6           | 86.2           | 92.5           | 100.7             | 116.9             | 123.1             | 100.0             | 107.2             | 4.2               |
| 6                                        | Winnipeg Richardson International, MB | 53.5         | 85.5           | 83.3           | 85.4           | 65.7           | 71.2              | 77.5              | 90.5              | 105.4             | 97.8              | 6.9               |
| 7                                        | Montreal Mirabel, QC                  | 60.8         | 72.1           | 79.2           | 75.2           | 71.8           | 72.5              | 73.6              | 75.1              | 82.5              | 96.9              | 5.3               |
| 8                                        | Moncton/Greater Moncton Int'l, NB     | 22.0         | 30.9           | 33.3           | 33.0           | 26.9           | 27.7              | 32.1              | 32.8              | 35.2              | 37.2              | 6.0               |
| 9                                        | Edmonton International, AB            | 19.4         | 24.4           | 25.7           | 26.3           | 28.5           | 29.9              | 29.3              | 35.4              | 32.6              | 30.9              | 5.3               |
| 10                                       | Halifax Robert L. Stanfield Int'l, NS | 26.7         | 28.4           | 28.3           | 29.6           | 28.8           | 30.6              | 26.0              | 27.1              | 31.2              | 27.5              | 0.3               |
|                                          | <b>Subtotal (All Sectors)</b>         | <b>862.6</b> | <b>1,057.0</b> | <b>1,078.5</b> | <b>1,069.8</b> | <b>1,037.8</b> | <b>1,109.3</b>    | <b>1,167.3</b>    | <b>1,235.4</b>    | <b>1,367.9</b>    | <b>1,474.4</b>    | <b>6.1</b>        |
| <b>Grand Total for All Airports</b>      |                                       |              |                |                |                |                |                   |                   |                   |                   |                   |                   |
|                                          | Domestic                              | 431.1        | 532.0          | 541.7          | 523.1          | 492.4          | 517.3             | 557.7             | 616.5             | 717.9             | 740.2             | 4.7               |
|                                          | Transborder                           | 201.8        | 235.4          | 244.6          | 235.1          | 246.7          | 256.7             | 260.1             | 266.2             | 263.2             | 258.9             | (0.7)             |
|                                          | Other International                   | 297.9        | 370.5          | 373.2          | 384.5          | 381.1          | 412.1             | 428.8             | 460.0             | 517.0             | 610.3             | 5.4               |
|                                          | Tous secteurs confondus               | 930.7        | 1,137.9        | 1,159.4        | 1,142.8        | 1,120.2        | 1,186.1           | 1,246.6           | 1,342.8           | 1,498.2           | 1,609.4           | 3.7               |
| <b>Top 10's Share (%) of Grand Total</b> |                                       |              |                |                |                |                |                   |                   |                   |                   |                   |                   |
|                                          | Domestic                              | 86.4         | 86.9           | 86.6           | 80.7           | 78.6           | 80.8              | 68.5              | 55.2              | 55.4              | 56.7              |                   |
|                                          | Transborder                           | 99.8         | 99.7           | 99.6           | 99.5           | 99.7           | 99.7              | 80.3              | 61.6              | 68.1              | 67.4              |                   |
|                                          | Other International                   | 97.6         | 97.4           | 98.7           | 99.1           | 99.5           | 98.9              | 98.9              | 96.9              | 97.4              | 96.9              |                   |
|                                          | <b>All Sectors</b>                    | <b>92.7</b>  | <b>92.9</b>    | <b>93.0</b>    | <b>93.6</b>    | <b>92.6</b>    | <b>93.5</b>       | <b>93.6</b>       | <b>92.0</b>       | <b>91.3</b>       | <b>91.6</b>       |                   |

Notes: R= Revised data. P= Preliminary data. C= Confidential data. CAGR= Compounded Annual Growth Rate.

1 Reported tonnage might be underestimated as:

- cargo data were not collected for the smaller scheduled services / or the smaller charter operations
- some carriers report their data after the submission period. Updated data is published in the next edition.

Sources: Transport Canada, ECATS database

**Table A18: Air Exports and Imports, by World Region, 2017 and 2018**

(Millions of dollars)

| <b>Destination</b>                | -----Region of Origin-----    |                           | <i>Grand<br/>Total</i> | <i>Per Cent<br/>of Total</i> |
|-----------------------------------|-------------------------------|---------------------------|------------------------|------------------------------|
|                                   | <i>Eastern<br/>Canada</i>     | <i>Western<br/>Canada</i> |                        |                              |
| <b>Exports (2017<sup>R</sup>)</b> |                               |                           |                        |                              |
| Europe                            | 24,549                        | 2,889                     | 27,438                 | 45.7                         |
| United States                     | 17,234                        | 1,333                     | 18,567                 | 30.9                         |
| Asia                              | 6,821                         | 1,895                     | 8,716                  | 14.5                         |
| Latin America                     | 1,530                         | 338                       | 1,868                  | 3.1                          |
| Other                             | 2,587                         | 925                       | 3,512                  | 5.8                          |
| <b>Total Exports<sup>1</sup></b>  | <b>52,722</b>                 | <b>7,379</b>              | <b>60,101</b>          | <b>100.0</b>                 |
| <b>Exports (2018<sup>P</sup>)</b> |                               |                           |                        |                              |
| Europe                            | 22,945                        | 2,674                     | 25,619                 | 40.7                         |
| United States                     | 17,576                        | 1,556                     | 19,132                 | 30.4                         |
| Asia                              | 9,766                         | 2,188                     | 11,954                 | 19.0                         |
| Latin America                     | 1,876                         | 293                       | 2,169                  | 3.4                          |
| Other                             | 3,015                         | 1,013                     | 4,028                  | 6.4                          |
| <b>Total Exports<sup>1</sup></b>  | <b>55,178</b>                 | <b>7,725</b>              | <b>62,903</b>          | <b>100.0</b>                 |
| <b>Origin</b>                     | -----Region of Clearance----- |                           | <i>Grand<br/>Total</i> | <i>Per Cent<br/>of Total</i> |
|                                   | <i>Eastern<br/>Canada</i>     | <i>Western<br/>Canada</i> |                        |                              |
| <b>Imports (2017<sup>R</sup>)</b> |                               |                           |                        |                              |
| Europe                            | 18,994                        | 2,415                     | 21,409                 | 30.3                         |
| United States                     | 14,453                        | 4,766                     | 19,219                 | 27.2                         |
| Asia                              | 15,490                        | 3,240                     | 18,729                 | 26.5                         |
| Latin America                     | 6,785                         | 594                       | 7,379                  | 10.5                         |
| Other                             | 3,388                         | 473                       | 3,861                  | 5.5                          |
| <b>Total Imports</b>              | <b>59,109</b>                 | <b>11,488</b>             | <b>70,596</b>          | <b>100.0</b>                 |
| <b>Imports (2018<sup>P</sup>)</b> |                               |                           |                        |                              |
| Europe                            | 21,450                        | 2,583                     | 24,033                 | 31.8                         |
| United States                     | 15,215                        | 6,355                     | 21,570                 | 28.6                         |
| Asia                              | 15,593                        | 3,468                     | 19,061                 | 25.2                         |
| Latin America                     | 5,983                         | 583                       | 6,566                  | 8.7                          |
| Other                             | 3,801                         | 492                       | 4,293                  | 5.7                          |
| <b>Total Imports</b>              | <b>62,042</b>                 | <b>13,481</b>             | <b>75,523</b>          | <b>100.0</b>                 |

Notes: R= Revised data. P= Preliminary data.

1 Total exports include domestic exports and re-exports.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table A19: Main Commodity Groups Shipped by Air in Canada's International Trade, 2017 and 2018**

|                                                       | (Millions of dollars) |                   |                 |
|-------------------------------------------------------|-----------------------|-------------------|-----------------|
|                                                       | 2017 <sup>R</sup>     | 2018 <sup>P</sup> | Per Cent Change |
| <b>Exports<sup>1</sup></b>                            |                       |                   |                 |
| Other manufactured and miscellaneous goods            | 29,401                | 30,169            | 2.6             |
| Machinery and electrical equipment                    | 14,124                | 14,963            | 5.9             |
| Automobiles, parts and other transportation equipment | 9,507                 | 9,416             | (1.0)           |
| <i>Aviation-related equipment</i>                     | 9,305                 | 9,213             | (1.0)           |
| Chemical products, plastics and rubber                | 3,982                 | 4,908             | 23.3            |
| Agricultural and food products                        | 1,618                 | 1,911             | 18.1            |
| Base metals and articles thereof                      | 716                   | 816               | 14.0            |
| Waste and scrap material                              | 460                   | 372               | (19.2)          |
| Wood and paper products                               | 185                   | 192               | 3.5             |
| Non-metallic minerals, coal and stone products        | 67                    | 67                | (0.3)           |
| Petroleum products, LNG and other fuels <sup>2</sup>  | 30                    | 82                | 177.7           |
| Metallic ores                                         | 11                    | 7                 | (38.9)          |
| <b>Total Exports</b>                                  | <b>60,101</b>         | <b>62,903</b>     | <b>4.7</b>      |
| <b>Imports</b>                                        |                       |                   |                 |
| Machinery and electrical equipment                    | 25,868                | 29,160            | 12.7            |
| Other manufactured and miscellaneous goods            | 21,504                | 21,263            | (1.1)           |
| Chemical products, plastics and rubber                | 12,201                | 13,719            | 12.4            |
| Automobiles, parts and other transportation equipment | 7,279                 | 7,590             | 4.3             |
| <i>Aviation-related equipment</i>                     | 6,161                 | 6,710             | 8.9             |
| Base metals and articles thereof                      | 1,550                 | 1,691             | 9.1             |
| Agricultural and food products                        | 860                   | 982               | 14.1            |
| Waste and scrap material                              | 776                   | 518               | (33.2)          |
| Wood and paper products                               | 286                   | 303               | 6.0             |
| Non-metallic minerals, coal and stone products        | 237                   | 233               | (1.5)           |
| Petroleum products, LNG and other fuels <sup>2</sup>  | 36                    | 64                | 77.8            |
| Metallic ores                                         | 0                     | 0                 | (0.4)           |
| <b>Total Imports</b>                                  | <b>70,596</b>         | <b>75,523</b>     | <b>7.0</b>      |

Notes: R= Revised data. P= Preliminary data.

1 Total exports include domestic exports and re-exports.

2 LNG= Liquefied natural gas.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

# MARINE TRANSPORTATION

**Table M1: Port Classifications, as of December 31, 2018**

|                                                      | <i>Federal</i> | <i>Provincial</i> | <i>Local</i> | <i>Total</i> |
|------------------------------------------------------|----------------|-------------------|--------------|--------------|
| <b>Federal Agency Ports</b>                          |                |                   |              |              |
| Canada Port Authorities                              | 18             | N/A               | N/A          | 18           |
| Harbour Authorities                                  | 0              | N/A               | N/A          | 0            |
| <b>Ports Operated by Transport Canada</b>            |                |                   |              |              |
| Regional/Local                                       | 23             | N/A               | N/A          | 23           |
| Remote                                               | 21             | N/A               | N/A          | 21           |
| <b>Ports Transferred<sup>1</sup></b>                 |                |                   |              |              |
| From Transport Canada                                | 68             | 43                | 149          | 260          |
| <b>Status of Other Former Transport Canada Ports</b> |                |                   |              |              |
| Demolished                                           | 10             | N/A               | N/A          | 10           |
| Interests Terminated                                 | 24             | N/A               | N/A          | 24           |
| Deproclaimed <sup>2</sup>                            | 211            | N/A               | N/A          | 211          |

Notes: N/A= Not applicable

Additional detailed information on ports is presented in tables M2 and M3. This includes summaries of the provincial distribution of the ports Transport Canada administered from 2009 to 2018 and the divestiture status of regional/local and remote ports on a regional basis.

1 Includes 20 sites where facilities have been transferred but the harbour bed has not yet been deproclaimed, 67 sites that were transferred to Fisheries and Oceans Canada and one site that was transferred to Health Canada.

2 Public harbours deproclaimed between June 1996 and March 1999.

Source: Transport Canada, Port Program Management

**Table M2: Number of Port Facilities Under the Control and Administration of Transport Canada, by Province, 2009–2018**

(Status as of December 31, 2018)

| <i>Province</i>           | <i>2009</i> | <i>2010</i> | <i>2011</i> | <i>2012</i> | <i>2013</i> | <i>2014</i> | <i>2015</i> | <i>2016</i> | <i>2017</i> | <i>2018</i> |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Newfoundland and Labrador | 14          | 8           | 7           | 7           | 6           | 3           | 3           | 3           | 3           | 2           |
| Nova Scotia               | 4           | 2           | 2           | 2           | 2           | 2           | 2           | 1           | 1           | 0           |
| Prince Edward Island      | 2           | 1           | 1           | 1           | 0           | 0           | 0           | 0           | 0           | 0           |
| New Brunswick             | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Quebec                    | 31          | 31          | 27          | 26          | 25          | 25          | 25          | 25          | 24          | 23          |
| Ontario                   | 9           | 8           | 8           | 8           | 8           | 8           | 8           | 7           | 7           | 7           |
| Manitoba                  | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| Saskatchewan              | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Alberta                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| British Columbia          | 16          | 15          | 15          | 15          | 13          | 10          | 10          | 10          | 10          | 10          |
| Northwest Territories     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| <b>Total</b>              | <b>78</b>   | <b>67</b>   | <b>62</b>   | <b>61</b>   | <b>56</b>   | <b>50</b>   | <b>50</b>   | <b>48</b>   | <b>47</b>   | <b>44</b>   |

Source: Transport Canada, Port Program Management

**Table M3: Status of Transport Canada Port Facilities**

(Status as of December 31, 2018)

| <i>Region</i>    | <i>Transferred to Provinces</i> | <i>Transferred to Other Federal Departments</i> | <i>Divested to Local Interests</i> | <i>Demolished</i> | <i>Transport Canada Interests Terminated</i> | <i>Deproclaimed<sup>1</sup></i> | <i>Remaining</i> | <i>Total</i> | <i>Harbour beds without port facilities</i> |
|------------------|---------------------------------|-------------------------------------------------|------------------------------------|-------------------|----------------------------------------------|---------------------------------|------------------|--------------|---------------------------------------------|
| Atlantic         | 35                              | 6                                               | 41                                 | 2                 | 14                                           | 160                             | 2                | 260          | 20                                          |
| Quebec           | 7                               | 3                                               | 15                                 | 3                 | 0                                            | 23                              | 23               | 74           | 0                                           |
| Ontario          | 1                               | 4                                               | 21                                 | 1                 | 4                                            | 17                              | 7                | 55           | 4                                           |
| Manitoba         | 0                               | 0                                               | 0                                  | 0                 | 0                                            | 0                               | 1                | 1            | 0                                           |
| Prairie/Northern | 0                               | 55                                              | 0                                  | 0                 | 0                                            | 1                               | 1                | 57           | 0                                           |
| Pacific          | 0                               | 0                                               | 72                                 | 4                 | 6                                            | 10                              | 10               | 102          | 1                                           |
| <b>Total</b>     | <b>43</b>                       | <b>68</b>                                       | <b>149</b>                         | <b>10</b>         | <b>24</b>                                    | <b>211</b>                      | <b>44</b>        | <b>549</b>   | <b>25</b>                                   |

Notes:

1 Does not include deproclamation of 26 harbours found during subsequent archival research, nor the 20 sites where facilities have been transferred but cannot be deproclaimed because the harbour bed has not yet been divested.

Source: Transport Canada, Port Program Management

**Table M4: Canada Port Authorities (CPA) Financial Results, 2017**

(Thousands of dollars, unless otherwise specified)

| <i>Financial Information</i>  | <i>Vancouver</i> | <i>Montreal</i> | <i>Halifax</i> | <i>Quebec City</i> | <i>Saint John</i> | <i>St. John's</i> | <i>Prince Rupert</i> | <i>Port Alberni</i> | <i>Hamilton</i> |
|-------------------------------|------------------|-----------------|----------------|--------------------|-------------------|-------------------|----------------------|---------------------|-----------------|
| Operating revenues            | 246,452          | 112,677         | 41,831         | 35,359             | 22,578            | 7,917             | 62,411               | 5,048               | 26,372          |
| Operating expenses            | 123,497          | 86,092          | 31,879         | 28,041             | 17,726            | 5,399             | 34,899               | 4,812               | 20,235          |
| Operating income              | 122,955          | 26,585          | 9,952          | 7,318              | 4,852             | 2,518             | 27,512               | 236                 | 6,137           |
| Gross revenue charge          | 6,931            | 4,259           | 1,909          | 1,520              | 775               | 160               | 3,092                | 97                  | 988             |
| Other revenues/(expenses)     | 30,029           | (2,250)         | 407            | (379)              | (69)              | (444)             | (231)                | 37                  | (1,503)         |
| <b>Comprehensive Income</b>   | <b>146,053</b>   | <b>20,076</b>   | <b>8,450</b>   | <b>5,419</b>       | <b>4,008</b>      | <b>1,914</b>      | <b>24,189</b>        | <b>176</b>          | <b>3,646</b>    |
| <i>Other Information</i>      |                  |                 |                |                    |                   |                   |                      |                     |                 |
| Acquisition of capital assets | 178,488          | 62,020          | 7,800          | 5,984              | 6,651             | 2,909             | 32,645               | 307                 | 10,007          |
| Total assets                  | 1,776,708        | 433,608         | 220,436        | 162,997            | 102,295           | 46,272            | 259,047              | 16,350              | 145,426         |
| Equity                        | 1,559,192        | 345,962         | 179,855        | 105,131            | 97,483            | 36,057            | 206,551              | 10,957              | 134,203         |
| <i>Ratios</i>                 |                  |                 |                |                    |                   |                   |                      |                     |                 |
| Operating ratio               | 50.1%            | 76.4%           | 76.2%          | 79.3%              | 78.5%             | 68.2%             | 55.9%                | 95.3%               | 76.7%           |
| Return on assets              | 8.2%             | 4.6%            | 3.8%           | 3.3%               | 3.9%              | 4.1%              | 9.3%                 | 1.1%                | 2.5%            |

| <i>Financial Information</i>  | <i>Nanaimo</i> | <i>Thunder Bay</i> | <i>Toronto</i> | <i>Windsor</i> | <i>Saguenay</i> | <i>Sept-Îles</i> | <i>Trois-Rivières</i> | <i>Belledune</i> | <i>Oshawa</i> | <i>Total</i>     |
|-------------------------------|----------------|--------------------|----------------|----------------|-----------------|------------------|-----------------------|------------------|---------------|------------------|
| Operating revenues            | 9,526          | 3,321              | 60,792         | 1,491          | 3,180           | 8,857            | 7,098                 | 8,415            | 1,642         | <b>664,967</b>   |
| Operating expenses            | 9,764          | 2,906              | 51,541         | 1,455          | 2,394           | 6,557            | 5,651                 | 5,335            | 1,631         | <b>439,814</b>   |
| Operating income              | (238)          | 415                | 9,251          | 36             | 786             | 2,300            | 1,447                 | 3,080            | 11            | <b>225,153</b>   |
| Gross revenue charge          | 191            | 78                 | 3,029          | 31             | 66              | 189              | 143                   | 173              | 32            | <b>23,663</b>    |
| Other revenues/(expenses)     | 50             | 177                | 90,595         | 77             | 44              | 5,279            | 8                     | (222)            | (210)         | <b>121,395</b>   |
| <b>Comprehensive Income</b>   | <b>(379)</b>   | <b>514</b>         | <b>96,817</b>  | <b>82</b>      | <b>764</b>      | <b>7,390</b>     | <b>1,312</b>          | <b>2,685</b>     | <b>(231)</b>  | <b>322,885</b>   |
| <i>Other Information</i>      |                |                    |                |                |                 |                  |                       |                  |               |                  |
| Acquisition of capital assets | 1,060          | 982                | 14,082         | 21             | 76              | 2,123            | 15,664                | 459              | 438           | <b>341,716</b>   |
| Total assets                  | 32,464         | 43,391             | 343,140        | 14,012         | 29,482          | 339,722          | 110,470               | 74,468           | 9,910         | <b>4,160,198</b> |
| Equity                        | 29,011         | 42,676             | 220,362        | 12,773         | 24,573          | 86,778           | 65,346                | 51,969           | 3,812         | <b>3,212,691</b> |
| <i>Ratios</i>                 |                |                    |                |                |                 |                  |                       |                  |               |                  |
| Operating ratio               | 102.5%         | 87.5%              | 84.8%          | 97.6%          | 75.3%           | 74.0%            | 79.6%                 | 63.4%            | 99.3%         | <b>66.1%</b>     |
| Return on assets              | (1.2%)         | 1.2%               | 28.2%          | 0.6%           | 2.6%            | 2.2%             | 1.2%                  | 3.6%             | (2.3%)        | <b>7.8%</b>      |

Sources: CPAs 2017 Audited Financial Statements

**Table M5: Canada Port Authorities (CPA) Financial Comparison, 2016 and 2017**

(Thousands of dollars)

| CPA's          | Operating revenues |                | Operating expenses |                | Gross Revenue Charge |               | Other revenues/(expenses) |               | Comprehensive Income |                |
|----------------|--------------------|----------------|--------------------|----------------|----------------------|---------------|---------------------------|---------------|----------------------|----------------|
|                | 2017               | 2016           | 2017               | 2016           | 2017                 | 2016          | 2017                      | 2016          | 2017                 | 2016           |
| Vancouver      | 246,452            | 235,163        | 123,497            | 121,309        | 6,931                | 6,711         | 30,029                    | (7,162)       | 146,053              | 99,981         |
| Montreal       | 112,677            | 106,701        | 86,092             | 79,927         | 4,259                | 4,152         | (2,250)                   | 1,049         | 20,076               | 23,671         |
| Halifax        | 41,831             | 40,822         | 31,879             | 30,360         | 1,909                | 1,850         | 407                       | 310           | 8,450                | 8,922          |
| Quebec         | 35,359             | 31,739         | 28,041             | 27,822         | 1,520                | 1,272         | (379)                     | 762           | 5,419                | 3,407          |
| Saint John     | 22,578             | 18,613         | 17,726             | 16,331         | 775                  | 554           | (69)                      | 960           | 4,008                | 2,688          |
| St. John's     | 7,917              | 7,492          | 5,399              | 5,439          | 160                  | 151           | (444)                     | (883)         | 1,914                | 1,019          |
| Prince Rupert  | 62,411             | 67,289         | 34,899             | 30,985         | 3,092                | 3,319         | (231)                     | 17,453        | 24,189               | 50,438         |
| Port Alberni   | 5,048              | 5,376          | 4,812              | 5,276          | 97                   | 104           | 37                        | 22            | 176                  | 18             |
| Hamilton       | 26,372             | 29,631         | 20,235             | 19,751         | 988                  | 1,184         | (1,503)                   | (127)         | 3,646                | 8,569          |
| Nanaimo        | 9,526              | 8,965          | 9,764              | 9,204          | 191                  | 179           | 50                        | (147)         | (379)                | (565)          |
| Thunder Bay    | 3,321              | 3,135          | 2,906              | 2,870          | 78                   | 75            | 177                       | 323           | 514                  | 513            |
| Toronto        | 60,792             | 59,696         | 51,541             | 49,848         | 3,029                | 3,294         | 90,595                    | 4,690         | 96,817               | 11,244         |
| Windsor        | 1,491              | 1,512          | 1,455              | 1,387          | 31                   | 33            | 77                        | 124           | 82                   | 216            |
| Saguenay       | 3,180              | 2,613          | 2,394              | 2,281          | 66                   | 55            | 44                        | 31            | 764                  | 308            |
| Sept-Îles      | 8,857              | 8,211          | 6,557              | 6,524          | 189                  | 183           | 5,279                     | 6,711         | 7,390                | 8,215          |
| Trois-Rivières | 7,098              | 6,811          | 5,651              | 5,087          | 143                  | 143           | 8                         | 202           | 1,312                | 1,783          |
| Belledune      | 8,415              | 8,335          | 5,335              | 5,477          | 173                  | 170           | (222)                     | (329)         | 2,685                | 2,359          |
| Oshawa         | 1,642              | 1,712          | 1,631              | 1,918          | 32                   | 33            | (210)                     | (4,192)       | (231)                | (4,431)        |
| <b>Total</b>   | <b>664,967</b>     | <b>643,816</b> | <b>439,814</b>     | <b>421,796</b> | <b>23,663</b>        | <b>23,462</b> | <b>121,395</b>            | <b>19,797</b> | <b>322,885</b>       | <b>218,355</b> |

Sources: CPAs 2016 and 2017 Audited Financial Statements

**Table M6: Financial Results for Transport Canada Ports, 2009/2010–2018/2019**

(Millions of dollars)

|                             | 2009/10       | 2010/11       | 2011/12       | 2012/13       | 2013/14       | 2014/15       | 2015/16      | 2016/17       | 2017/18      | 2018/19 <sup>F</sup> |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|---------------|--------------|----------------------|
| Revenues                    | 10.2          | 10.5          | 10.4          | 9.3           | 8.8           | 8.7           | 8.1          | 8.1           | 8.5          | 8.4                  |
| Expenses                    | 19.3          | 18.5          | 12.3          | 12.1          | 12.2          | 11.6          | 11.7         | 12.2          | 11.3         | 14.7                 |
| Operating Income            | (9.1)         | (8.0)         | (1.9)         | (2.8)         | (3.4)         | (2.9)         | (3.6)        | (4.1)         | (2.8)        | (6.3)                |
| <b>Capital Expenditures</b> | <b>16.3</b>   | <b>7.6</b>    | <b>11.6</b>   | <b>6.2</b>    | <b>11.9</b>   | <b>8.4</b>    | <b>4.8</b>   | <b>3.9</b>    | <b>4.4</b>   | <b>12.4</b>          |
| Grants and Contributions    | 23.8          | 14.5          | 28.2          | 12.9          | 24.3          | 3.0           | 0.1          | 5.4           | 0.8          | 0.4                  |
| <b>Net Income</b>           | <b>(49.2)</b> | <b>(30.1)</b> | <b>(41.7)</b> | <b>(21.9)</b> | <b>(39.6)</b> | <b>(14.3)</b> | <b>(8.4)</b> | <b>(13.4)</b> | <b>(8.0)</b> | <b>(19.1)</b>        |

Note: F= Forecast (at December 31, 2018)

Sources: Transport Canada, Air, Marine and Environmental Programs

**Table M7: St. Lawrence Seaway Financial Performance, 2008/09–2017/18**

(Thousands of dollars)

| <i>Year</i>          | <i>Revenues</i> | <i>Expenditures</i> | <i>Excess of Revenue<br/>Over Expenses</i> | <i>Net Excess of Revenue<br/>Over Expenses<sup>2</sup></i> |
|----------------------|-----------------|---------------------|--------------------------------------------|------------------------------------------------------------|
| 2008/09              | 70,959          | 115,108             | (44,149)                                   | (1,270)                                                    |
| 2009/10              | 55,247          | 111,803             | (56,556)                                   | (2,440)                                                    |
| 2010/11              | 65,952          | 117,916             | (51,964)                                   | 15,108                                                     |
| 2011/12              | 68,165          | 129,381             | (61,216)                                   | 5,376                                                      |
| 2012/13              | 72,010          | 133,580             | (61,570)                                   | 10,837                                                     |
| 2013/14              | 68,526          | 160,768             | (92,242)                                   | 16,297                                                     |
| 2014/15              | 77,894          | 169,687             | (91,793)                                   | 20,083                                                     |
| 2015/16 <sup>1</sup> | 71,894          | 179,359             | (107,465)                                  | 23,058                                                     |
| 2016/17              | 70,693          | 163,551             | (92,858)                                   | 20,444                                                     |
| 2017/18              | 80,649          | 127,770             | 47,121                                     | 20,184                                                     |

Notes: Fiscal year from April 1<sup>st</sup> to March 31<sup>st</sup>.

1 Revenues for the 2015/16 fiscal year consist primarily of tolls collected during the 2015 navigation season, which ended on December 30, 2015.

2 Following contribution from Capital Trust Fund.

Source: St. Lawrence Seaway Management Corporation

**Table M8: Pilotage Authorities Financial Results, 2009–2018**

(Thousands of dollars)

| <i>Pilotage Authority</i>        |                          | <i>2009</i>    | <i>2010</i>    | <i>2011</i>    | <i>2012</i>    | <i>2013</i>    | <i>2014</i>    | <i>2015</i>    | <i>2016</i>    | <i>2017</i>    | <i>2018</i>    |
|----------------------------------|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Atlantic (APA)                   | Revenues                 | 19,648         | 21,584         | 22,041         | 20,341         | 21,576         | 22,562         | 22,673         | 24,093         | 27,793         | 28,831         |
|                                  | Expenditures             | 18,339         | 19,208         | 20,148         | 20,483         | 21,475         | 23,180         | 23,224         | 22,896         | 24,880         | 27,085         |
|                                  | Net Income (loss)        | 1,309          | 2,376          | 1,893          | (142)          | 101            | (618)          | (551)          | 1,197          | 2,913          | 1,746          |
| Laurentian (LPA)                 | Revenues                 | 62,886         | 69,241         | 77,399         | 78,752         | 78,066         | 85,136         | 86,229         | 91,430         | 95,017         | 105,902        |
|                                  | Expenditures             | 59,691         | 64,054         | 72,030         | 76,020         | 76,554         | 83,045         | 82,597         | 89,890         | 94,709         | 106,512        |
|                                  | Net Income (loss)        | 3,195          | 5,187          | 5,369          | 2,732          | 1,512          | 2,091          | 3,632          | 1,540          | 308            | (609)          |
| Great Lakes (GLPA)               | Revenues                 | 13,770         | 20,089         | 19,599         | 20,558         | 22,223         | 26,602         | 25,554         | 25,888         | 30,283         | 35,379         |
|                                  | Expenditures             | 15,635         | 18,076         | 18,945         | 20,182         | 21,323         | 25,266         | 25,906         | 26,742         | 29,588         | 35,051         |
|                                  | Net Income (loss)        | (1,865)        | 2,013          | 654            | 376            | 900            | 1,336          | (352)          | (854)          | 695            | 327            |
| Pacific (PPA)                    | Revenues                 | 55,925         | 59,212         | 61,758         | 64,576         | 71,959         | 74,689         | 73,016         | 76,552         | 85,795         | 92,614         |
|                                  | Expenditures             | 51,990         | 55,973         | 58,801         | 63,123         | 72,313         | 78,193         | 77,411         | 80,330         | 86,541         | 90,623         |
|                                  | Net Income (loss)        | 3,935          | 3,239          | 2,957          | 1,453          | (354)          | (3,504)        | (4,395)        | (3,778)        | (756)          | 1,991          |
| <b>Total All<br/>Authorities</b> | <b>Revenues</b>          | <b>152,229</b> | <b>170,126</b> | <b>180,797</b> | <b>184,227</b> | <b>193,824</b> | <b>208,989</b> | <b>207,472</b> | <b>217,963</b> | <b>238,888</b> | <b>262,726</b> |
|                                  | <b>Expenditures</b>      | <b>145,655</b> | <b>157,279</b> | <b>169,924</b> | <b>179,808</b> | <b>191,665</b> | <b>209,684</b> | <b>209,138</b> | <b>219,858</b> | <b>235,718</b> | <b>259,271</b> |
|                                  | <b>Net Income (loss)</b> | <b>6,574</b>   | <b>12,847</b>  | <b>10,873</b>  | <b>4,419</b>   | <b>2,159</b>   | <b>(695)</b>   | <b>(1,666)</b> | <b>(1,895)</b> | <b>3,170</b>   | <b>3,455</b>   |

Sources: Pilotage Authorities' Annual Reports, various years

**Table M9: Total Pilotage Assignments and Assignments Per Pilot, 2009–2018**

| <i>Pilotage Authority</i>    | <i>Indicators</i>             | <i>2009</i>   | <i>2010</i>   | <i>2011</i>   | <i>2012</i>   | <i>2013</i>   | <i>2014</i>   | <i>2015</i>   | <i>2016</i>   | <i>2017</i>   | <i>2018</i>   |
|------------------------------|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Atlantic (APA)               | Number of Pilots <sup>1</sup> | 58            | 59            | 45            | 55            | 52            | 56            | 58            | 58            | 59            | 61            |
|                              | Total Assignments             | 9,063         | 9,338         | 8,997         | 8,254         | 8,338         | 8,472         | 8,348         | 7,959         | 8,809         | 8,720         |
|                              | Assignments per Pilot         | 156           | 158           | 199           | 150           | 160           | 151           | 144           | 137           | 149           | 142           |
| Laurentian (LPA)             | Number of Pilots <sup>2</sup> | 175           | 191           | 185           | 187           | 188           | 187           | 184           | 185           | 192           | 174           |
|                              | Total Assignments             | 19,611        | 21,096        | 22,729        | 22,096        | 20,915        | 22,386        | 21,468        | 22,432        | 22,732        | 24,950        |
|                              | Assignments per Pilot         | 112           | 110           | 123           | 118           | 111           | 120           | 117           | 121           | 118           | 143           |
| Great Lakes (GLPA)           | Number of Pilots <sup>3</sup> | 57            | 57            | 57            | 56            | 56            | 56            | 56            | 60            | 60            | 55            |
|                              | Total Assignments             | 4,468         | 6,059         | 6,389         | 6,358         | 6,403         | 7,462         | 7,166         | 7,020         | 7,636         | 8,798         |
|                              | Assignments per Pilot         | 79            | 107           | 113           | 114           | 114           | 133           | 128           | 136           | 143           | 161           |
| Pacific (PPA)                | Number of Pilots <sup>4</sup> | 106           | 105           | 105           | 105           | 107           | 106           | 106           | 111           | 122           | 126           |
|                              | Total Assignments             | 11,124        | 11,688        | 12,522        | 12,292        | 12,840        | 13,264        | 12,892        | 12,661        | 13,397        | 13,364        |
|                              | Assignments per Pilot         | 114           | 119           | 101           | 123           | 120           | 125           | 122           | 114           | 110           | 107           |
| <b>Total All Authorities</b> | <b>Number of pilots</b>       | <b>396</b>    | <b>412</b>    | <b>392</b>    | <b>403</b>    | <b>403</b>    | <b>405</b>    | <b>404</b>    | <b>414</b>    | <b>433</b>    | <b>416</b>    |
|                              | <b>Total Assignments</b>      | <b>45,188</b> | <b>48,181</b> | <b>50,637</b> | <b>49,000</b> | <b>48,496</b> | <b>51,584</b> | <b>49,874</b> | <b>50,072</b> | <b>52,574</b> | <b>55,832</b> |
|                              | <b>Assignments per Pilot</b>  | <b>114</b>    | <b>121</b>    | <b>121</b>    | <b>123</b>    | <b>120</b>    | <b>127</b>    | <b>123</b>    | <b>121</b>    | <b>122</b>    | <b>138</b>    |

Notes:

1 Atlantic Pilotage Authority: Employee pilots (FTE) and entrepreneur pilots.

2 Laurentian Pilotage Authority: Contract pilots and FTEs.

3 Great Lakes Pilotage Authority: Employee pilots (FTEs).

4 Pacific Pilotage Authority: Employee pilots (FTEs) and contract pilots.

Sources: Pilotage Authorities' Annual Reports, various years

**Table M10: Canadian-Registered Fleet by Vessel Type, 1998, 2008 and 2018**

| <i>Type of Vessel</i> | <i>Gross Tonnage (000s)</i> |              |              | <i>Number of Vessels</i> |             |             |
|-----------------------|-----------------------------|--------------|--------------|--------------------------|-------------|-------------|
|                       | <i>1998</i>                 | <i>2008</i>  | <i>2018</i>  | <i>1998</i>              | <i>2008</i> | <i>2018</i> |
| Dry bulk              | 1,283                       | 1,194        | 946          | 72                       | 69          | 45          |
| Tankers               | 303                         | 541          | 316          | 22                       | 26          | 25          |
| General cargo         | 130                         | 131          | 283          | 17                       | 19          | 29          |
| Ferries               | 326                         | 468          | 289          | 56                       | 74          | 61          |
| Other                 | 34                          | 38           | 241          | 7                        | 6           | 21          |
| <b>Total</b>          | <b>2,076</b>                | <b>2,372</b> | <b>2,075</b> | <b>174</b>               | <b>194</b>  | <b>181</b>  |

Note: Includes self-propelled passenger and cargo vessels with gross tonnage of 1,000 and over, including government-owned ferries. Does not include fishing vessels, platforms, working vessels, tugs, pleasure craft or unclassified vessels.

Source: Transport Canada, Canadian Register of Vessels

**Table M11: Number of Vessel Trips in Canadian Water, by Vessel Type, 2015–2018**

| <i>Vessel Type</i> | <i>2015</i>   | <i>2016</i>   | <i>2017</i>   | <i>2018</i>   |
|--------------------|---------------|---------------|---------------|---------------|
| Bulk Carriers      | 11,378        | 12,621        | 14,687        | 16,756        |
| Cargo              | 3,538         | 3,937         | 4,422         | 5,357         |
| Container          | 2,753         | 3,453         | 3,739         | 4,357         |
| Tankers            | 5413          | 6,850         | 6,939         | 7,727         |
| Tugs               | 2,6814        | 30,555        | 33,160        | 36,303        |
| <b>Total</b>       | <b>49,896</b> | <b>57,416</b> | <b>62,947</b> | <b>70,500</b> |

Notes: P= Preliminary Data

Due to a provider change, data for April 2016 is unavailable and was therefore imputed using a proportionnal adjustment.

Data include trips inside the ports with a distance of more than one kilometer. There are minor changes in the definition of types of vessels.

Source: Transport Canada, Automated Information System (AIS)

**Table M12: Number of Vessel Trips in Canadian Waters, by Vessel Flag, 2015–2018**

| <i>Vessel Flag</i>  | <i>2015</i>   | <i>2016</i>   | <i>2017</i>   | <i>2018</i>   |
|---------------------|---------------|---------------|---------------|---------------|
| Canada              | 30,956        | 35,641        | 38,249        | 42,780        |
| United States       | 1,712         | 1,547         | 1,747         | 2,026         |
| Other International | 17,228        | 20,228        | 22,951        | 25,694        |
| <b>Total</b>        | <b>49,896</b> | <b>57,416</b> | <b>62,947</b> | <b>70,500</b> |

Notes:

Due to a provider change, data for April 2016 is unavailable and was therefore imputed using a proportionnal adjustment.

Data include trips inside the ports with a distance of more than one kilometer. There are minor changes in the definition of types of vessels.

Source: Transport Canada, Automated Information System (AIS)

**Table M13: Total Tonnage Handled by Canada's Port Authorities, 2009–2018**

| (Millions of tonnes) |                                                   |                        |
|----------------------|---------------------------------------------------|------------------------|
| <i>Year</i>          | <i>Canada Port Authorities (CPAs)<sup>1</sup></i> | <i>Growth Rate (%)</i> |
| 2009                 | 249.0                                             |                        |
| 2010                 | 286.2                                             | 15.0                   |
| 2011                 | 303.0                                             | 5.8                    |
| 2012                 | 310.2                                             | 2.4                    |
| 2013                 | 313.7                                             | 1.1                    |
| 2014                 | 311.4                                             | (0.7)                  |
| 2015                 | 307.3                                             | (1.3)                  |
| 2016                 | 311.2                                             | 1.3                    |
| 2017                 | 335.4                                             | 7.8                    |
| 2018 <sup>P</sup>    | 342.1                                             | 2.0                    |
| <b>CAGR 2009-18</b>  | <b>3.6%</b>                                       |                        |

Notes: P= Preliminary data. CAGR= Compound Annual Growth Rate.

1 Data include transshipment within the port

Sources: Transport Canada, Canada's Port Authorities

**Table M14: St. Lawrence Seaway Cargo Traffic, 2009–2018**

| (Millions of tonnes) |                                      |                              |
|----------------------|--------------------------------------|------------------------------|
| <i>Year</i>          | <i>Montreal–Lake Ontario Section</i> | <i>Welland Canal Section</i> |
| 2009                 | 20.7                                 | 26.4                         |
| 2010                 | 26.9                                 | 29.2                         |
| 2011                 | 28.7                                 | 29.6                         |
| 2012                 | 31.4                                 | 30.0                         |
| 2013                 | 28.6                                 | 29.2                         |
| 2014                 | 30.1                                 | 31.8                         |
| 2015                 | 27.4                                 | 28.2                         |
| 2016                 | 27.1                                 | 26.2                         |
| 2017                 | 28.8                                 | 30.2                         |
| 2018 <sup>P</sup>    | 31.5                                 | 30.1                         |

Note: P= Preliminary data.

Source: St. Lawrence Seaway Management Corporation - Seaway Traffic Reports

**Table M15: St. Lawrence Seaway Traffic<sup>1</sup>, by Commodity, 2009–2018**

(Millions of tonnes)

| <i>Year</i>       | <i>Grain</i> | <i>Iron Ore</i> | <i>General Cargo</i> | <i>Coal</i> | <i>Other</i> | <i>Total</i> |
|-------------------|--------------|-----------------|----------------------|-------------|--------------|--------------|
| 2009              | 8.2          | 7.0             | 0.9                  | 2.9         | 11.7         | <b>30.7</b>  |
| 2010              | 9.2          | 9.7             | 1.5                  | 3.7         | 12.3         | <b>36.5</b>  |
| 2011              | 8.6          | 8.8             | 1.9                  | 3.7         | 14.4         | <b>37.5</b>  |
| 2012              | 8.6          | 10.3            | 2.0                  | 4.6         | 13.5         | <b>39.0</b>  |
| 2013              | 8.4          | 9.9             | 1.6                  | 4.5         | 12.6         | <b>37.0</b>  |
| 2014              | 12.1         | 6.9             | 3.2                  | 4.2         | 13.6         | <b>39.9</b>  |
| 2015              | 10.9         | 7.2             | 2.7                  | 2.5         | 13.0         | <b>36.2</b>  |
| 2016              | 11.3         | 6.2             | 2.6                  | 2.3         | 12.6         | <b>35.0</b>  |
| 2017 <sup>R</sup> | 10.1         | 8.2             | 3.3                  | 2.3         | 14.3         | <b>38.3</b>  |
| 2018 <sup>P</sup> | 12.3         | 7.5             | 3.3                  | 2.5         | 15.3         | <b>41.0</b>  |

Notes: R= Revised data. P= Preliminary data.

1 Combined traffic on the two sections of the Seaway.

Source: St. Lawrence Seaway Management Corporation - The St. Lawrence Seaway Traffic Report

**Table M16: International Cruise Ship Traffic at Major Canadian Ports, 2009–2018**

(Thousands of passengers)

| <i>Year</i>       | <i>Vancouver</i> | <i>Victoria</i> | <i>Montreal</i> | <i>Quebec City</i> | <i>Halifax</i> | <i>Sydney</i> | <i>Saint John</i> |
|-------------------|------------------|-----------------|-----------------|--------------------|----------------|---------------|-------------------|
| 2009              | 898.5            | 449.0           | 38.8            | 87.0               | 227.8          | 62.1          | 186.5             |
| 2010              | 580.0            | 441.0           | 40.1            | 102.2              | 261.2          | 68.8          | 205.9             |
| 2011              | 663.4            | 439.6           | 38.0            | 83.0               | 243.6          | 67.6          | 184.8             |
| 2012              | 666.2            | 503.7           | 54.8            | 117.0              | 252.8          | 86.7          | 187.9             |
| 2013              | 812.4            | 450.0           | 55.6            | 122.7              | 252.1          | 99.4          | 166.6             |
| 2014              | 812.1            | 467.0           | 56.5            | 135.0              | 217.3          | 82.6          | 106.5             |
| 2015              | 805.4            | 563.1           | 71.3            | 122.0              | 222.3          | 89.7          | 119.2             |
| 2016              | 826.8            | 550.0           | 69.2            | 108.9              | 238.2          | 82.2          | 143.9             |
| 2017 <sup>R</sup> | 842.9            | 600.0           | 91.6            | 145.6              | 292.7          | 118.4         | 147.7             |
| 2018 <sup>P</sup> | 889.1            | 640.0           | 101.5           | 166.3              | 316.8          | 130.2         | 159.5             |

Notes: R= Revised data. P= Preliminary data.

Sources: Canadian Port Authorities (CPA) web sites data &amp; Greater Victoria Harbour Authority

**Table M17: Canada's Marine Traffic Handled by Canada Port Authorities (CPAs), 2009–2018**

|                               | (Millions of tonnes) |              |              |              |              |              |              |              |              |                         |             |
|-------------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------|-------------|
| <i>Port</i>                   | <i>2009</i>          | <i>2010</i>  | <i>2011</i>  | <i>2012</i>  | <i>2013</i>  | <i>2014</i>  | <i>2015</i>  | <i>2016</i>  | <i>2017</i>  | <i>2018<sup>p</sup></i> | <i>CAGR</i> |
| Vancouver-Fraser <sup>1</sup> | 101.9                | 118.5        | 122.5        | 123.9        | 135.0        | 139.6        | 138.2        | 135.5        | 142.1        | 147.1                   | 4.2         |
| Montréal                      | 24.5                 | 25.9         | 28.5         | 28.4         | 28.2         | 30.4         | 32.0         | 35.4         | 38.0         | 38.9                    | 5.3         |
| Saint John                    | 26.9                 | 30.5         | 31.8         | 27.7         | 27.7         | 23.9         | 26.4         | 26.4         | 30.5         | 25.0                    | (0.8)       |
| Québec                        | 22.1                 | 24.6         | 29.0         | 33.1         | 27.1         | 24.3         | 21.4         | 24.8         | 27.5         | 27.6                    | 2.5         |
| Prince Rupert                 | 12.1                 | 16.4         | 19.3         | 22.3         | 23.1         | 20.7         | 19.7         | 18.9         | 24.3         | 26.7                    | 9.2         |
| Sept-Îles                     | 19.8                 | 25.1         | 26.0         | 27.9         | 27.7         | 23.8         | 22.7         | 22.9         | 24.2         | 25.3                    | 2.7         |
| Port Hamilton                 | 8.4                  | 11.5         | 10.0         | 10.3         | 10.0         | 10.5         | 9.2          | 9.3          | 9.9          | 11.6                    | 3.7         |
| Halifax                       | 9.6                  | 9.5          | 9.5          | 9.5          | 8.6          | 7.8          | 7.6          | 8.3          | 8.9          | 9.0                     | (0.8)       |
| Port Thunder Bay              | 7.3                  | 6.9          | 7.6          | 7.8          | 6.5          | 9.3          | 8.9          | 8.8          | 8.8          | 8.7                     | 2.0         |
| Port Nanaimo                  | 1.5                  | 2.4          | 3.2          | 3.0          | 3.8          | 4.1          | 4.9          | 5.4          | 5.6          | 5.3                     | 14.8        |
| Port Windsor                  | 4.9                  | 5.3          | 5.1          | 5.5          | 6.0          | 5.4          | 5.6          | 4.8          | 5.1          | 5.1                     | 0.5         |
| Trois-Rivières                | 2.6                  | 3.0          | 3.3          | 3.4          | 2.7          | 3.8          | 3.1          | 2.8          | 2.6          | 3.8                     | 4.4         |
| Port Toronto                  | 1.6                  | 1.5          | 1.7          | 1.9          | 1.6          | 1.9          | 1.7          | 1.8          | 2.2          | 1.8                     | 1.2         |
| Belledune                     | 2.6                  | 2.1          | 2.1          | 1.9          | 1.7          | 1.7          | 1.8          | 2.0          | 2.0          | 2.5                     | (0.6)       |
| St-John's                     | 1.4                  | 1.5          | 1.4          | 1.4          | 1.8          | 1.7          | 1.8          | 1.7          | 1.7          | 1.6                     | 1.4         |
| Port Alberni                  | 1.1                  | 1.0          | 1.5          | 1.6          | 1.8          | 1.7          | 1.6          | 1.6          | 1.3          | 1.5                     | 3.6         |
| Port Oshawa                   | 0.3                  | 0.3          | 0.3          | 0.5          | 0.3          | 0.4          | 0.4          | 0.4          | 0.4          | 0.2                     | (3.6)       |
| Saguenay                      | 0.3                  | 0.4          | 0.3          | 0.3          | 0.3          | 0.3          | 0.3          | 0.3          | 0.3          | 0.4                     | 3.6         |
| <b>Total CPA</b>              | <b>249.0</b>         | <b>286.2</b> | <b>303.0</b> | <b>310.2</b> | <b>313.7</b> | <b>311.4</b> | <b>307.3</b> | <b>311.2</b> | <b>335.4</b> | <b>342.1</b>            | <b>3.6</b>  |

Notes: P= Preliminary data. CAGR= Compound Annual Growth Rate

Totals may not add up due to rounding.

<sup>1</sup> Data include transshipment within the port.

Sources: Transport Canada, Canada's Port Authorities

**Table M18: Canada's Leading Ports Handling Containerized Freight, 2010–2018**

|                      |                | (Thousands of TEUs) |                |                |                |                |                |                |                   |
|----------------------|----------------|---------------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| Leading Ports        | 2010           | 2011                | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018 <sup>p</sup> |
| <b>Vancouver</b>     |                |                     |                |                |                |                |                |                |                   |
| Total containers     | 2,514.3        | 2,507.0             | 2,713.1        | 2,825.5        | 2,919.9        | 3,054.5        | 2,929.6        | 3,241.5        | 3,396.0           |
| Empty containers     | 340.3          | 272.7               | 314.7          | 281.3          | 368.1          | 446.0          | 323.0          | 472.8          | 533               |
| <b>Montréal</b>      |                |                     |                |                |                |                |                |                |                   |
| Total containers     | 1,331.4        | 1,363.0             | 1,364.3        | 1,346.1        | 1,402.4        | 1,446.1        | 1,447.6        | 1,537.7        | 1,679.3           |
| Empty containers     | 168.1          | 143.9               | 187.7          | 159.1          | 168.5          | 177.0          | 179.6          | 185.8          | 237.1             |
| <b>Prince Rupert</b> |                |                     |                |                |                |                |                |                |                   |
| Total containers     | 343.4          | 410.5               | 564.9          | 536.4          | 618.2          | 776.4          | 736.7          | 926.5          | 1,036.0           |
| Empty containers     | 86.7           | 76.9                | 122.3          | 83.0           | 102.3          | 186.9          | 133.2          | 236.6          | 259.9             |
| <b>Halifax</b>       |                |                     |                |                |                |                |                |                |                   |
| Total containers     | 434.9          | 409.8               | 416.2          | 441.7          | 399.6          | 418.2          | 480.7          | 559.2          | 547.4             |
| Empty containers     | 86.0           | 74.6                | 67.0           | 67.7           | 60.5           | 69.5           | 67.1           | 85.8           | 82.8              |
| <b>Saint John</b>    |                |                     |                |                |                |                |                |                |                   |
| Total containers     | 46.3           | 44.4                | 51.0           | 76.3           | 89.6           | 97.1           | 90.3           | 57.4           | 59.1              |
| Empty containers     | 21.8           | 21.7                | 24.8           | 34.8           | 41.9           | 46.7           | 42.2           | 25.0           | 24.7              |
| <b>Total</b>         |                |                     |                |                |                |                |                |                |                   |
| Total containers     | <b>4,670.2</b> | <b>4,734.6</b>      | <b>5,109.5</b> | <b>5,225.9</b> | <b>5,429.7</b> | <b>5,792.2</b> | <b>5,684.8</b> | <b>6,322.3</b> | <b>6,717.8</b>    |
| Empty containers     | <b>702.9</b>   | <b>589.8</b>        | <b>716.4</b>   | <b>626.0</b>   | <b>741.2</b>   | <b>926.1</b>   | <b>745.1</b>   | <b>1,006.0</b> | <b>1,137.5</b>    |

Notes: P= Preliminary data. All other Canadian ports handling containers represent less than 3% of all TEUs.

Sources: Transport Canada, Canada's Port Authorities

**Table M19: Main Commodities Shipped in Canada's International Marine Trade, by Market, 2018**

|                                                       | (Millions of dollars) |                       |                     | Percentage Share in Per Cent |                       |                     |
|-------------------------------------------------------|-----------------------|-----------------------|---------------------|------------------------------|-----------------------|---------------------|
|                                                       | <i>Marine Exports</i> | <i>Marine Imports</i> | <i>Marine Total</i> | <i>Marine Exports</i>        | <i>Marine Imports</i> | <i>Marine Total</i> |
| <i>Canada/U.S.</i>                                    |                       |                       |                     |                              |                       |                     |
| Petroleum products, LNG and other fuels               | 15,915                | 13,860                | 29,775              | 78.8                         | 77.5                  | 78.2                |
| Base metals and articles thereof                      | 1,806                 | 24                    | 1,829               | 8.9                          | 0.1                   | 4.8                 |
| Metallic ores                                         | 137                   | 1,642                 | 1,780               | 0.7                          | 9.2                   | 4.7                 |
| Non-metallic minerals, coal and stone products        | 714                   | 819                   | 1,533               | 3.5                          | 4.6                   | 4.0                 |
| Chemical products, plastics and rubber                | 264                   | 704                   | 968                 | 1.3                          | 3.9                   | 2.5                 |
| Agricultural and food products                        | 541                   | 340                   | 881                 | 2.7                          | 1.9                   | 2.3                 |
| Waste and scrap material                              | 370                   | 19                    | 389                 | 1.8                          | 0.1                   | 1.0                 |
| Automobiles, parts and other transportation equipment | 69                    | 290                   | 359                 | 0.3                          | 1.6                   | 0.9                 |
| Wood and paper products                               | 231                   | 58                    | 289                 | 1.1                          | 0.3                   | 0.8                 |
| Machinery and electrical equipment                    | 78                    | 114                   | 192                 | 0.4                          | 0.6                   | 0.5                 |
| Other manufactured and miscellaneous goods            | 84                    | 16                    | 100                 | 0.4                          | 0.1                   | 0.3                 |
| <b>Total Canada/U.S. Marine Trade</b>                 | <b>20,209</b>         | <b>17,887</b>         | <b>38,095</b>       | <b>100.0</b>                 | <b>100.0</b>          | <b>100.0</b>        |
| <i>Canada/Other Countries</i>                         |                       |                       |                     |                              |                       |                     |
| Agricultural and food products                        | 28,028                | 13,090                | 41,118              | 30.3                         | 10.9                  | 19.3                |
| Machinery and electrical equipment                    | 3,968                 | 19,622                | 23,590              | 4.3                          | 16.3                  | 11.1                |
| Chemical products, plastics and rubber                | 7,870                 | 15,691                | 23,561              | 8.5                          | 13.1                  | 11.1                |
| Automobiles, parts and other transportation equipment | 5,568                 | 17,315                | 22,883              | 6.0                          | 14.4                  | 10.8                |
| Other manufactured and miscellaneous goods            | 1,835                 | 20,087                | 21,922              | 2.0                          | 16.7                  | 10.3                |
| Base metals and articles thereof                      | 6,483                 | 13,443                | 19,925              | 7.0                          | 11.2                  | 9.4                 |
| Petroleum products, LNG and other fuels               | 5,724                 | 13,910                | 19,634              | 6.2                          | 11.6                  | 9.2                 |
| Wood and paper products                               | 12,948                | 2,311                 | 15,259              | 14.0                         | 1.9                   | 7.2                 |
| Metallic ores                                         | 9,248                 | 1,604                 | 10,852              | 10.0                         | 1.3                   | 5.1                 |
| Non-metallic minerals, coal and stone products        | 7,972                 | 2,849                 | 10,821              | 8.6                          | 2.4                   | 5.1                 |
| Waste and scrap material                              | 2,817                 | 310                   | 3,127               | 3.0                          | 0.3                   | 1.5                 |
| <b>Total Canada/Other Countries Marine Trade</b>      | <b>92,461</b>         | <b>120,232</b>        | <b>212,692</b>      | <b>100.0</b>                 | <b>100.0</b>          | <b>100.0</b>        |

Notes: Preliminary data for 2018.

1 Including domestic exports and re-exports.

2 Marine imports from countries other than the US might be underestimated. In the case of imports, the mode of transport represents the last mode (often truck) by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table M20: End-to-End Transit Times from Shanghai to Toronto via British Columbia Ports using a Direct Rail Model, 2010–2018**

|                       | (Number of days) |             |             |             |             |             |             |             |             | Change 2018/2017  |
|-----------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|
| <i>Month</i>          | <i>2010</i>      | <i>2011</i> | <i>2012</i> | <i>2013</i> | <i>2014</i> | <i>2015</i> | <i>2016</i> | <i>2017</i> | <i>2018</i> | <i>(Per cent)</i> |
| January               | 23.0             | 22.8        | 25.2        | 23.3        | 27.1        | 27.7        | 25.3        | 26.3        | 28.9        | 9.9               |
| February              | 21.2             | 23.4        | 24.2        | 25.5        | 29.1        | 29.3        | 24.7        | 27.0        | 29.1        | 7.5               |
| March                 | 21.0             | 22.7        | 22.5        | 25.4        | 27.4        | 29.7        | 24.2        | 24.5        | 30.3        | 23.7              |
| April                 | 21.6             | 22.6        | 23.9        | 24.4        | 27.5        | 25.6        | 22.9        | 24.1        | 24.8        | 3.2               |
| May                   | 22.1             | 21.7        | 23.2        | 23.7        | 24.4        | 24.8        | 23.1        | 24.3        | 25.4        | 4.3               |
| June                  | 22.1             | 21.1        | 24.9        | 23.5        | 24.0        | 24.8        | 23.8        | 24.4        | 25.5        | 4.7               |
| July                  | 22.4             | 20.6        | 23.8        | 23.4        | 25.4        | 23.0        | 23.9        | 24.4        | 26.6        | 9.2               |
| August                | 21.3             | 21.3        | 23.1        | 24.4        | 27.9        | 23.5        | 24.3        | 24.9        | 27.0        | 8.2               |
| September             | 21.4             | 22.9        | 22.8        | 24.6        | 26.9        | 23.8        | 22.9        | 25.5        | 26.9        | 5.3               |
| October               | 22.8             | 22.2        | 23.4        | 24.6        | 25.5        | 24.4        | 23.2        | 25.8        | 28.4        | 10.1              |
| November              | 22.2             | 22.5        | 23.7        | 23.9        | 24.9        | 23.3        | 24.3        | 25.4        | 28.0        | 10.4              |
| December              | 22.8             | 23.4        | 23.7        | 25.2        | 26.8        | 24.7        | 26.8        | 27.1        | 28.4        | 4.6               |
| <b>Annual Average</b> | <b>22.0</b>      | <b>22.3</b> | <b>23.7</b> | <b>24.3</b> | <b>26.4</b> | <b>25.4</b> | <b>24.1</b> | <b>25.3</b> | <b>27.4</b> | <b>8.4</b>        |

Source: Transport Canada, Policy Group

**Table M21: Key Performance Indicators for Selected Intermodal Container Ports, 2016–2018****British Columbia Ports<sup>1</sup>**

| <i>Indicators</i>                                               | <i>2018</i> | <i>2017</i> | <i>2016</i> | <i>2015-17 Average</i> |
|-----------------------------------------------------------------|-------------|-------------|-------------|------------------------|
| Container volumes - TEUs                                        | 4,432,485   | 4,186,013   | 3,666,896   | 3,894,563              |
| Import Share - %                                                | 53          | 53.5        | 54.3        | 53.5                   |
| Import rail container dwell time - days                         | 4.1         | 3.8         | 3.6         | 3.4                    |
| Vessel on-time performance - %                                  | 39.0        | 49.9        | 63          | 50.7                   |
| End-to-end transit time – Shanghai to Chicago - days            | 27.2        | 24.8        | 23.6        | 24.5                   |
| U.S. comparison – Shanghai to Chicago via Seattle/Tacoma - days | 27.5        | 26.5        | 23.6        | 25.6                   |
| U.S. comparison – Shanghai to Chicago via LA/Long Beach - days  | 25.8        | 24.6        | 23.2        | 24.7                   |

**Canadian East Coast Ports<sup>2</sup>**

| <i>Indicators</i>                                   | <i>2018</i> | <i>2017</i> | <i>2016</i> |
|-----------------------------------------------------|-------------|-------------|-------------|
| Container volumes - TEUs                            | 2,226,796   | 2,096,911   | 1,928,082   |
| Import Share - %                                    | 50.1        | 48.8        | 49.2        |
| Import rail container dwell time - days             | 3.2         | 2.4         | 2.1         |
| End-to-end transit time – Antwerp to Chicago - days | 20          | 18.5        | 17.4        |

Notes: TEUs= Twenty-foot Equivalent Units.

1 Port of Vancouver and Prince Rupert.

2 Port of Montreal and Halifax.

Sources: Transport Canada; Canada Port Authorities; Class I Railways

# RAIL TRANSPORTATION

**Table RA1: Railways in Canada, 2017**

|                                 | 2017<br>Total Length of<br>First Main Track Operated <sup>R</sup> | 2016<br>Total Length of<br>First Main Track Operated <sup>R</sup> | Percent of Total<br>2017 <sup>R</sup> | Percentage Change Over<br>Previous Year <sup>R</sup> |
|---------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------|------------------------------------------------------|
| CN                              | 21,879                                                            | 21,782                                                            | 52.8                                  | 0.4                                                  |
| CPR                             | 12,709                                                            | 12,855                                                            | 30.7                                  | (1.1)                                                |
| VIA Rail                        | 285                                                               | 285                                                               | 0.7                                   | (0.1)                                                |
| Regional and Shortline Railways | 6,592                                                             | 6,527                                                             | 15.9                                  | 1.0                                                  |
| <b>Total</b>                    | <b>41,465</b>                                                     | <b>41,449</b>                                                     | <b>100.0</b>                          | <b>0.0</b>                                           |

Notes: R= Revised data. CN= Canadian National. CPR = Canadian Pacific Railway.  
Length of track does not include parallel trackage, spurs, sidings and yard trackage.

Source: Transport Canada, Statistics Canada

**Table RA2: Railway Revenues, 2008–2017**

|                           | (Millions of dollars) |              |               |               |               |               |               |               |                   |               |
|---------------------------|-----------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|---------------|
|                           | 2008                  | 2009         | 2010          | 2011          | 2012          | 2013          | 2014          | 2015          | 2016 <sup>R</sup> | 2017          |
| CN                        | 5,720                 | 5,029        | 5,611         | 6,202         | 6,821         | 7,179         | 8,135         | 8,292         | 7,980             | 8,800         |
| CPR                       | 4,164                 | 3,349        | 3,796         | 3,930         | 4,279         | 4,525         | 4,809         | 4,798         | 4,609             | 4,800         |
| VIA                       | 503                   | 482          | 525           | 532           | 545           | 568           | 585           | 568           | 580               | 627           |
| <b>Subtotal - Class I</b> | <b>10,387</b>         | <b>8,860</b> | <b>9,931</b>  | <b>10,664</b> | <b>11,645</b> | <b>12,271</b> | <b>13,530</b> | <b>13,658</b> | <b>13,169</b>     | <b>14,228</b> |
| Regional                  | 239                   | 228          | 288           | 354           | 355           | 385           | 379           | 327           | 257               | 249           |
| Shortlines                | 367                   | 328          | 368           | 362           | 348           | 373           | 449           | 441           | 406               | 410           |
| <b>Total</b>              | <b>10,992</b>         | <b>9,417</b> | <b>10,587</b> | <b>11,380</b> | <b>12,348</b> | <b>13,029</b> | <b>14,357</b> | <b>14,426</b> | <b>13,832</b>     | <b>14,887</b> |

Notes: R= Revised data. CN= Canadian National. CPR= Canadian Pacific Railway. VIA= VIA Rail Canada.  
Revenues are tabulated as per Uniform Classification of Accounts requirements.  
Excludes Tour operations

Sources: Transport Canada, Statistics Canada

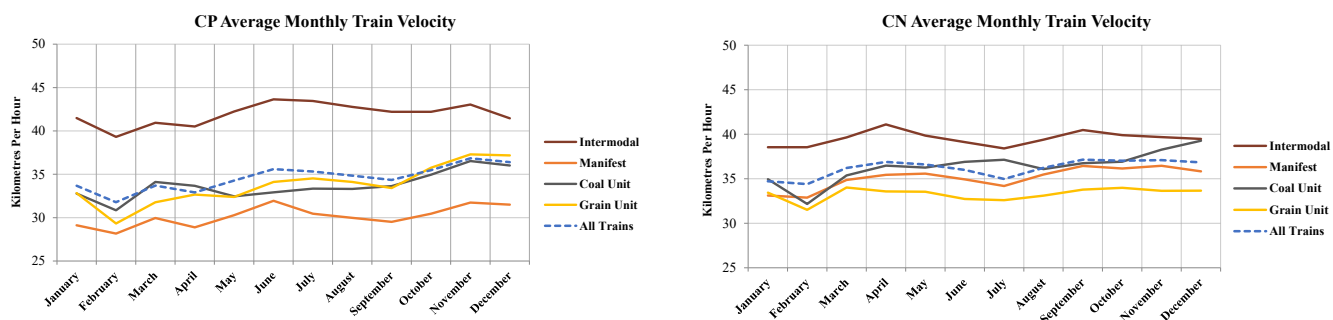
**Table RA3: Railway Fleet, 2007–2016**

|                                 | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017          |
|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|-------------------|---------------|
| <b>Locomotives</b>              |               |               |               |               |               |               |               |                   |                   |               |
| <i>Freight or Passenger</i>     |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 2,113         | 2,109         | 1,910         | 1,951         | 2,361         | 2,428         | 2,421         | 2,394             | 2,366             | 2,280         |
| Class II                        | 305           | 278           | 284           | 273           | 294           | 330           | 336           | 422               | 409               | 418           |
| <b>Total</b>                    | <b>2,418</b>  | <b>2,387</b>  | <b>2,194</b>  | <b>2,224</b>  | <b>2,655</b>  | <b>2,758</b>  | <b>2,757</b>  | <b>2,816</b>      | <b>2,775</b>      | <b>2,698</b>  |
| <i>Switching and other uses</i> |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 502           | 477           | 863           | 821           | 468           | 396           | 370           | 359               | 473               | 341           |
| Class II                        | 114           | 99            | 93            | 83            | 70            | 76            | 67            | 65                | 70                | 69            |
| <b>Total</b>                    | <b>616</b>    | <b>576</b>    | <b>956</b>    | <b>904</b>    | <b>538</b>    | <b>472</b>    | <b>437</b>    | <b>424</b>        | <b>543</b>        | <b>410</b>    |
| <i>Total Locomotives</i>        |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 2,615         | 2,586         | 2,773         | 2,772         | 2,829         | 2,824         | 2,791         | 2,753             | 2,839             | 2,621         |
| Class II                        | 419           | 377           | 377           | 356           | 364           | 406           | 403           | 487               | 479               | 487           |
| <b>Total</b>                    | <b>3,034</b>  | <b>2,963</b>  | <b>3,150</b>  | <b>3,128</b>  | <b>3,193</b>  | <b>3,230</b>  | <b>3,194</b>  | <b>3,240</b>      | <b>3,318</b>      | <b>3,108</b>  |
| <b>Passenger Cars</b>           |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 527           | 544           | 505           | 506           | 507           | 519           | 519           | 519               | 487               | 480           |
| Class II                        | 66            | 58            | 59            | 57            | 57            | 52            | 68            | 134               | 129               | 128           |
| <b>Total</b>                    | <b>593</b>    | <b>602</b>    | <b>564</b>    | <b>563</b>    | <b>564</b>    | <b>571</b>    | <b>587</b>    | <b>653</b>        | <b>616</b>        | <b>608</b>    |
| <b>Freight Cars</b>             |               |               |               |               |               |               |               |                   |                   |               |
| <i>Boxcars</i>                  |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 13,448        | 12,687        | 13,443        | 13,177        | 12,861        | 10,947        | 10,641        | 9,822             | 8,349             | 8,575         |
| Class II                        | 2,368         | 2,564         | 1,379         | 1,275         | 1,289         | 1,311         | 2,052         | 2,377             | 2,996             | 2,957         |
| <b>Total</b>                    | <b>15,816</b> | <b>15,251</b> | <b>14,822</b> | <b>14,452</b> | <b>14,150</b> | <b>12,258</b> | <b>12,693</b> | <b>12,199</b>     | <b>11,345</b>     | <b>11,532</b> |
| <i>Flatcars</i>                 |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 15,301        | 13,578        | 12,682        | 13,142        | 12,770        | 12,143        | 12,091        | 12,191            | 12,447            | 14,230        |
| Class II                        | 1,679         | 1,451         | 1,117         | 702           | 710           | 609           | 804           | 726               | 715               | 725           |
| <b>Total</b>                    | <b>16,980</b> | <b>15,029</b> | <b>13,799</b> | <b>13,844</b> | <b>13,480</b> | <b>12,752</b> | <b>12,895</b> | <b>12,917</b>     | <b>13,162</b>     | <b>14,955</b> |
| <i>Gondolas</i>                 |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 12,953        | 12,180        | 11,218        | 10,934        | 10,378        | 8,687         | 8,584         | 7,796             | 8,365             | 8,984         |
| Class II                        | 1,240         | 231           | 320           | 273           | 272           | 270           | 258           | 292               | 301               | 301           |
| <b>Total</b>                    | <b>14,193</b> | <b>12,411</b> | <b>11,538</b> | <b>11,207</b> | <b>10,650</b> | <b>8,957</b>  | <b>8,842</b>  | <b>8,088</b>      | <b>8,666</b>      | <b>9,285</b>  |
| <i>Hopper Cars</i>              |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 33,825        | 29,178        | 27,185        | 27,781        | 25,002        | 21,447        | 20,204        | 19,155            | 18,140            | 15,294        |
| Class II                        | 934           | 927           | 924           | 837           | 837           | 838           | 1,002         | 1,107             | 910               | 910           |
| <b>Total</b>                    | <b>34,759</b> | <b>30,105</b> | <b>28,109</b> | <b>28,618</b> | <b>25,839</b> | <b>22,285</b> | <b>21,206</b> | <b>20,262</b>     | <b>19,050</b>     | <b>16,204</b> |
| <i>Other Freight Cars</i>       |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | 140           | 127           | 105           | 99            | 93            | 78            | 73            | 113               | 113               | 676           |
| Class II                        | 508           | 107           | 102           | 85            | 96            | 104           | 98            | 104               | 131               | 150           |
| <b>Total</b>                    | <b>648</b>    | <b>234</b>    | <b>207</b>    | <b>184</b>    | <b>189</b>    | <b>182</b>    | <b>171</b>    | <b>217</b>        | <b>244</b>        | <b>826</b>    |
| <b>Total Freight Cars</b>       |               |               |               |               |               |               |               |                   |                   |               |
| Class I                         | <b>75,667</b> | <b>67,750</b> | <b>64,633</b> | <b>65,133</b> | <b>61,104</b> | <b>53,302</b> | <b>51,593</b> | <b>49,077</b>     | <b>47,414</b>     | <b>47,759</b> |
| Class II                        | <b>6,729</b>  | <b>5,280</b>  | <b>3,842</b>  | <b>3,172</b>  | <b>3,204</b>  | <b>3,132</b>  | <b>4,214</b>  | <b>4,606</b>      | <b>5,053</b>      | <b>5,043</b>  |
| <b>Total</b>                    | <b>82,396</b> | <b>73,030</b> | <b>68,475</b> | <b>68,305</b> | <b>64,308</b> | <b>56,434</b> | <b>55,807</b> | <b>53,683</b>     | <b>52,467</b>     | <b>52,802</b> |

Notes: R = Revised data.

Freight railcars belonging to shippers, including tanker cars, are not included in the table above

Source: Transport Canada and Statistics Canada, Rail Carrier annual reports

**Figure RA4: Average Monthly Train Velocity, by Rail Carrier, 2018**

Notes: CP= Canadian Pacific Railway, CN = Canadian National.

Train velocity measures the line-haul movement from origin to destination. The average velocity is calculated by dividing train-miles by total hours operated, excluding yard and local trains, passenger trains, maintenance of way trains. Weekly miles per hour are averaged to produce a monthly estimate and are then converted to kilometres per hour. Estimates are for each carriers' North American rail network.

Sources: Class I rail carriers, adapted by Transport Canada

<http://investor.cpr.ca/key-metrics/default.aspx>

<https://www.cn.ca/en/investors/key-weekly-metrics>

**Table RA5: Revenue Tonne-Kilometres, by Railway Sector, 2008–2017**

(Millions)

|                     | 2008             | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017             |
|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Class I             | 325,019.6        | 288,842.5        | 327,831.6        | 337,929.5        | 356,943.0        | 371,799.0        | 402,612.9        | 399,353.2        | 383,505.4        | 411,250.6        |
| Regional            | 14,336.7         | 7,711.3          | 9,802.8          | 10,392.4         | 10,617.4         | 11,192.4         | 9,552.9          | 8,964.5          | 9,131.2          | 9,513.9          |
| Short Line          | 5,462.5          | 3,227.7          | 3,689.9          | 3,668.1          | 3,349.8          | 3,459.7          | 3,536.0          | 2,814.9          | 2,768.3          | 2,959.5          |
| <b>Total</b>        | <b>344,818.7</b> | <b>299,781.4</b> | <b>341,324.3</b> | <b>351,989.9</b> | <b>370,910.2</b> | <b>386,451.1</b> | <b>415,701.8</b> | <b>411,132.5</b> | <b>395,404.9</b> | <b>423,723.9</b> |
| Percentage of total |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| Class I             | 94.3             | 96.4             | 96.0             | 96.0             | 96.2             | 96.2             | 96.9             | 97.1             | 97.0             | 97.1             |
| Regional            | 4.2              | 2.6              | 2.9              | 3.0              | 2.9              | 2.9              | 2.3              | 2.2              | 2.3              | 2.2              |
| Short Line          | 1.6              | 1.1              | 1.1              | 1.0              | 0.9              | 0.9              | 0.9              | 0.7              | 0.7              | 0.7              |

Note: R= Revised data.

Sources: Transport Canada, Statistics Canada

**Table RA6: Overall Rail Traffic Characteristics, 2009–2018**

|                            | (Thousands of tonnes)   |                |                |                |                |                |                |                |                   |                   |
|----------------------------|-------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|
|                            | 2009                    | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
| Intraprovincial            | 40,813                  | 49,456         | 52,577         | 56,322         | 56,587         | 53,511         | 52,972         | 49,792         | 53,288            | 52,134            |
| Interprovincial            | 115,532                 | 121,480        | 125,017        | 126,078        | 120,363        | 128,376        | 132,397        | 130,724        | 133,613           | 139,410           |
| <b>Total Domestic</b>      | <b>156,345</b>          | <b>170,936</b> | <b>177,595</b> | <b>182,400</b> | <b>176,950</b> | <b>181,887</b> | <b>185,368</b> | <b>180,516</b> | <b>186,276</b>    | <b>191,545</b>    |
| Imports                    | 22,934                  | 30,319         | 34,204         | 37,959         | 40,464         | 40,902         | 35,781         | 31,500         | 39,517            | 43,590            |
| Exports                    | 49,331                  | 60,086         | 62,878         | 65,258         | 73,588         | 75,741         | 74,903         | 72,566         | 79,024            | 90,291            |
| Transshipments             | 6,185                   | 6,494          | 7,070          | 8,178          | 9,389          | 10,624         | 8,856          | 8,341          | 6,885             | 6,290             |
| Canada-U.S.                | 48,097                  | 58,712         | 61,575         | 63,940         | 72,387         | 74,597         | 73,558         | 70,962         | 77,382            | 88,284            |
| Canada-Mexico              | 1,234                   | 1,374          | 1,304          | 1,318          | 1,201          | 1,144          | 1,345          | 1,604          | 1,642             | 1,959             |
| Mexico-Canada              | 156                     | 280            | 329            | 403            | 407            | 507            | 442            | 466            | 743               | 664               |
| Mexico-U.S.                | 2                       | 0              | 4              | 8              | 8              | 6              | 0              | 0              | 0                 | 0                 |
| U.S.-Canada                | 22,779                  | 30,039         | 33,875         | 37,556         | 40,057         | 40,396         | 35,339         | 31,034         | 38,774            | 42,884            |
| U.S.-Mexico                | 4                       | 7              | 5              | 10             | 11             | 13             | 11             | 5              | 3                 | 3                 |
| U.S.-U.S.                  | 6,179                   | 6,487          | 7,061          | 8,160          | 9,369          | 10,604         | 8,845          | 8,336          | 6,881             | 6,259             |
| <b>Total International</b> | <b>78,450</b>           | <b>96,899</b>  | <b>104,153</b> | <b>111,395</b> | <b>123,440</b> | <b>127,266</b> | <b>119,540</b> | <b>112,406</b> | <b>125,425</b>    | <b>140,052</b>    |
|                            | (Millions of tonnes-km) |                |                |                |                |                |                |                |                   |                   |
|                            | 2009                    | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
| Intraprovincial            | 31,174                  | 36,848         | 42,368         | 47,191         | 48,403         | 44,694         | 43,365         | 42,469         | 45,531            | 45,559            |
| Interprovincial            | 185,113                 | 203,444        | 206,100        | 209,431        | 210,214        | 232,708        | 239,415        | 233,691        | 244,379           | 255,386           |
| <b>Total Domestic</b>      | <b>216,287</b>          | <b>240,292</b> | <b>248,468</b> | <b>256,622</b> | <b>258,617</b> | <b>277,402</b> | <b>282,780</b> | <b>276,159</b> | <b>289,910</b>    | <b>288,303</b>    |
| Imports                    | 19,963                  | 23,585         | 25,534         | 30,704         | 33,683         | 34,683         | 29,259         | 27,106         | 31,277            | 34,816            |
| Exports                    | 52,300                  | 62,232         | 67,453         | 72,158         | 82,923         | 87,694         | 88,523         | 83,386         | 91,023            | 105,458           |
| Transshipments             | 6,236                   | 6,527          | 6,368          | 8,812          | 11,042         | 14,290         | 12,424         | 10,155         | 7,933             | 6,463             |
| Canada-U.S.                | 51,299                  | 61,193         | 66,362         | 71,120         | 81,949         | 86,739         | 87,401         | 81,967         | 89,451            | 103,332           |
| Canada-Mexico              | 1,001                   | 1,039          | 1,091          | 1,038          | 973            | 955            | 1,122          | 1,419          | 1,572             | 2,067             |
| Mexico-Canada              | 113                     | 236            | 289            | 398            | 395            | 528            | 407            | 446            | 759               | 660               |
| Mexico-U.S.                | 1                       | 0              | 2              | 11             | 11             | 3              | 0              | 0              | 0                 | 0                 |
| U.S.-Canada                | 19,850                  | 23,348         | 25,246         | 30,307         | 33,288         | 34,154         | 28,852         | 26,661         | 30,519            | 34,080            |
| U.S.-Mexico                | 3                       | 6              | 4              | 9              | 10             | 12             | 11             | 4              | 3                 | 3                 |
| U.S.-U.S.                  | 6,233                   | 6,521          | 6,362          | 8,793          | 11,022         | 14,276         | 12,413         | 10,150         | 7,929             | 6,439             |
| <b>Total International</b> | <b>78,499</b>           | <b>92,343</b>  | <b>99,356</b>  | <b>111,674</b> | <b>127,649</b> | <b>136,667</b> | <b>130,205</b> | <b>120,647</b> | <b>130,233</b>    | <b>146,580</b>    |

Notes: R= Revised data. P = Preliminary data.

Source: Transport Canada; Rail Traffic Database

**Table RA7: Traffic Received and Forwarded by Canadian-Based Class II Carriers<sup>1</sup>, 2009–2018**

|                   | (Millions of tonnes) |                |                        |
|-------------------|----------------------|----------------|------------------------|
| Year              | Received only        | Forwarded only | Received and Forwarded |
| 2009              | 7.08                 | 10.58          | 0.75                   |
| 2010              | 7.45                 | 11.20          | 0.71                   |
| 2011              | 7.77                 | 11.79          | 0.75                   |
| 2012              | 6.27                 | 10.85          | 0.68                   |
| 2013              | 7.12                 | 9.91           | 0.30                   |
| 2014              | 7.11                 | 11.19          | 0.15                   |
| 2015              | 6.00                 | 10.89          | 0.15                   |
| 2016              | 5.60                 | 10.08          | 0.14                   |
| 2017              | 7.45                 | 10.45          | 0.15                   |
| 2018 <sup>P</sup> | 7.83                 | 10.95          | 0.31                   |

Notes: P= Preliminary data.

“Received only” applies to movements in which a Class II carrier was involved by only receiving from Canadian National (CN) or Canadian Pacific Railway (CPR).

“Forwarded only” applies to movements in which a Class II carrier was involved by only forwarding to CN or CPR.

“Received and Forwarded” applies to movements in which one or more Class II carriers received from and forwarded to CN and CPR.

<sup>1</sup> Does not include US-based carriers operating in Canada.

Sources: Transport Canada, Statistics Canada

Table RA8: Volume of Rail Traffic, by Commodity, 2009–2018

(Thousands of tonnes)

| <b>Exports (Origin: Canada)</b>      | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
|--------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|
| Forest Products                      | 12,841         | 13,358         | 13,416         | 13,317         | 14,498         | 15,034         | 15,396         | 16,201         | 15,479            | 15,003            |
| Crude Oil                            | 0              | 16             | 129            | 1,486          | 4,754          | 6,962          | 5,935          | 4,143          | 6,744             | 12,623            |
| Chemicals                            | 8,481          | 9,820          | 10,307         | 10,237         | 11,635         | 11,870         | 11,165         | 11,391         | 11,036            | 11,821            |
| Potash                               | 4,011          | 8,569          | 8,634          | 7,408          | 8,380          | 8,675          | 8,282          | 7,943          | 10,158            | 11,163            |
| Intermodal                           | 3,090          | 3,993          | 4,441          | 5,409          | 5,634          | 6,213          | 6,918          | 6,596          | 7,433             | 9,708             |
| Petroleum Products (excl. crude oil) | 4,481          | 4,869          | 4,833          | 6,171          | 6,108          | 5,539          | 6,157          | 6,482          | 7,797             | 8,961             |
| Agricultural and Food Products       | 3,301          | 3,624          | 4,963          | 5,239          | 5,516          | 5,921          | 6,025          | 5,915          | 6,146             | 6,037             |
| Metals                               | 3,434          | 4,293          | 3,911          | 3,450          | 3,494          | 3,422          | 3,887          | 3,568          | 3,550             | 3,819             |
| Grains                               | 3,517          | 3,314          | 2,987          | 3,556          | 4,380          | 3,599          | 2,519          | 1,943          | 2,638             | 3,080             |
| Minerals                             | 1,678          | 1,622          | 1,895          | 1,839          | 1,921          | 2,032          | 2,170          | 2,364          | 2,328             | 2,716             |
| Automotive Vehicles and Equipment    | 1,339          | 1,993          | 2,128          | 2,472          | 2,268          | 2,195          | 2,426          | 2,355          | 2,079             | 1,998             |
| Miscellaneous                        | 1,166          | 1,481          | 1,718          | 1,729          | 2,030          | 1,914          | 1,686          | 1,754          | 1,862             | 1,872             |
| Fertilizer Materials                 | 1,364          | 2,247          | 2,530          | 2,273          | 2,293          | 1,810          | 1,809          | 1,391          | 1,332             | 1,478             |
| Coal                                 | 627            | 888            | 987            | 657            | 598            | 475            | 526            | 520            | 442               | 393               |
| Iron Ore                             | 0              | 0              | 0              | 14             | 80             | 79             | 1              | 0              | 0                 | 0                 |
| <b>Total</b>                         | <b>49,331</b>  | <b>60,086</b>  | <b>62,878</b>  | <b>65,258</b>  | <b>73,588</b>  | <b>75,741</b>  | <b>74,903</b>  | <b>72,566</b>  | <b>79,024</b>     | <b>90,670</b>     |
| <b>Imports (Destination: Canada)</b> | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
| Coal                                 | 1,955          | 5,821          | 9,576          | 11,173         | 11,651         | 10,227         | 8,570          | 5,568          | 10,370            | 12,411            |
| Minerals                             | 2,410          | 3,369          | 3,384          | 4,012          | 4,944          | 5,882          | 5,541          | 4,745          | 6,942             | 7,142             |
| Chemicals                            | 4,388          | 5,011          | 5,397          | 5,672          | 5,855          | 5,851          | 5,621          | 5,305          | 5,858             | 6,097             |
| Intermodal                           | 3,282          | 3,584          | 3,717          | 4,061          | 4,761          | 4,482          | 4,171          | 4,289          | 4,011             | 5,603             |
| Petroleum Products (excl. crude oil) | 3,306          | 3,382          | 3,316          | 3,960          | 4,213          | 3,871          | 3,419          | 3,725          | 3,192             | 3,201             |
| Agricultural and Food Products       | 2,760          | 2,990          | 2,488          | 2,682          | 2,268          | 2,281          | 2,174          | 2,108          | 2,191             | 2,389             |
| Automotive Vehicles and Equipment    | 1,116          | 1,474          | 1,565          | 1,477          | 1,619          | 1,866          | 1,918          | 1,955          | 2,123             | 1,907             |
| Iron Ore                             | 21             | 26             | 106            | 106            | 28             | 10             | 646            | 1,356          | 1,534             | 1,528             |
| Forest Products                      | 899            | 982            | 1,177          | 1,204          | 1,131          | 1,070          | 991            | 872            | 1,028             | 984               |
| Metals                               | 1,005          | 1,975          | 2,114          | 2,357          | 2,436          | 2,242          | 1,290          | 1,034          | 1,354             | 966               |
| Grains                               | 782            | 705            | 376            | 187            | 130            | 314            | 298            | 160            | 403               | 794               |
| Miscellaneous                        | 978            | 974            | 937            | 771            | 792            | 707            | 537            | 377            | 485               | 613               |
| Fertilizer Materials                 | 13             | 3              | 4              | 1              | 2              | 0              | 1              | 4              | 14                | 17                |
| Crude Oil                            | 5              | 1              | 10             | 249            | 622            | 2,087          | 598            | 2              | 4                 | 3                 |
| Potash                               | 13             | 23             | 37             | 48             | 11             | 11             | 3              | 1              | 5                 | 1                 |
| <b>Total</b>                         | <b>22,934</b>  | <b>30,319</b>  | <b>34,204</b>  | <b>37,959</b>  | <b>40,464</b>  | <b>40,902</b>  | <b>35,781</b>  | <b>31,500</b>  | <b>39,517</b>     | <b>43,657</b>     |
| <b>Domestic (Canada-Canada)</b>      | 2009           | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
| Grains                               | 29,687         | 28,633         | 29,193         | 30,120         | 27,136         | 35,630         | 34,562         | 32,434         | 34,296            | 35,001            |
| Coal                                 | 27,290         | 34,570         | 34,309         | 36,631         | 37,818         | 36,557         | 31,913         | 31,704         | 33,469            | 33,751            |
| Intermodal                           | 26,658         | 29,206         | 32,911         | 34,167         | 28,857         | 26,695         | 28,550         | 26,308         | 28,740            | 29,611            |
| Iron Ore                             | 17,275         | 14,832         | 13,780         | 13,973         | 15,314         | 14,546         | 17,893         | 18,586         | 17,191            | 18,192            |
| Petroleum Products (excl. crude oil) | 10,365         | 11,157         | 11,038         | 11,484         | 9,790          | 10,201         | 10,399         | 11,445         | 12,658            | 13,618            |
| Forest Products                      | 11,122         | 12,114         | 13,667         | 14,048         | 13,363         | 11,391         | 12,476         | 13,327         | 12,809            | 12,283            |
| Potash                               | 2,806          | 6,791          | 8,493          | 6,774          | 8,165          | 8,801          | 10,233         | 9,669          | 9,928             | 11,635            |
| Agricultural and Food Products       | 6,652          | 7,904          | 7,111          | 6,786          | 7,794          | 7,891          | 9,007          | 10,310         | 10,166            | 10,774            |
| Minerals                             | 9,076          | 10,309         | 10,735         | 10,619         | 10,147         | 9,775          | 10,005         | 9,573          | 9,845             | 9,969             |
| Chemicals                            | 7,423          | 7,194          | 7,618          | 7,857          | 8,168          | 7,797          | 7,982          | 8,073          | 8,236             | 8,504             |
| Metals                               | 2,130          | 2,579          | 3,095          | 3,061          | 3,126          | 3,521          | 3,325          | 2,971          | 3,057             | 3,211             |
| Fertilizer Materials                 | 4,052          | 3,694          | 3,494          | 3,090          | 2,834          | 2,546          | 2,843          | 2,725          | 2,689             | 2,612             |
| Miscellaneous                        | 778            | 880            | 1,045          | 1,245          | 1,076          | 1,144          | 1,184          | 1,167          | 1,396             | 1,383             |
| Automotive Vehicles and Equipment    | 1,028          | 1,068          | 952            | 1,209          | 1,108          | 1,008          | 1,106          | 1,067          | 1,126             | 1,104             |
| Crude Oil                            | 2              | 6              | 153            | 1,335          | 2,256          | 4,384          | 3,891          | 1,156          | 668               | 155               |
| <b>Total</b>                         | <b>156,345</b> | <b>170,936</b> | <b>177,595</b> | <b>182,400</b> | <b>176,950</b> | <b>181,887</b> | <b>185,368</b> | <b>180,516</b> | <b>186,276</b>    | <b>191,803</b>    |

Table RA8 continues on the next page

**Table RA8: Volume of Rail Traffic, by Commodity, 2009–2018 (continued)**

| <b>Total Traffic<br/>(Export, Import, Domestic,<br/>&amp; Transshipments)</b> | <b>2009</b>    | <b>2010</b>    | <b>2011</b>    | <b>2012</b>    | <b>2013</b>    | <b>2014</b>    | <b>2015</b>    | <b>2016</b>    | <b>2017<sup>R</sup></b> | <b>2018<sup>P</sup></b> |
|-------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------|-------------------------|
| Intermodal                                                                    | 33,034         | 36,783         | 41,070         | 43,639         | 39,253         | 37,392         | 39,639         | 37,193         | 40,184                  | 57,798                  |
| Grains                                                                        | 36,283         | 34,737         | 34,917         | 35,624         | 33,263         | 42,169         | 39,632         | 37,189         | 39,663                  | 41,340                  |
| Coal                                                                          | 29,872         | 41,282         | 44,874         | 48,461         | 50,067         | 47,260         | 41,011         | 37,795         | 44,283                  | 34,208                  |
| Forest Products                                                               | 25,673         | 27,248         | 28,916         | 29,149         | 29,561         | 28,159         | 29,433         | 30,916         | 29,806                  | 28,813                  |
| Chemicals                                                                     | 20,654         | 22,409         | 23,735         | 24,132         | 25,974         | 25,833         | 25,024         | 25,021         | 25,358                  | 26,636                  |
| Petroleum Products (excl. crude oil)                                          | 18,182         | 19,466         | 19,310         | 21,765         | 20,246         | 19,750         | 20,095         | 21,805         | 23,779                  | 26,029                  |
| Potash                                                                        | 6,836          | 15,386         | 17,164         | 14,243         | 16,558         | 17,488         | 18,518         | 17,613         | 20,091                  | 22,799                  |
| Agricultural and Food Products                                                | 14,874         | 17,378         | 17,582         | 18,365         | 18,958         | 19,422         | 20,439         | 22,100         | 21,674                  | 21,220                  |
| Minerals                                                                      | 13,323         | 15,534         | 16,343         | 16,712         | 17,303         | 18,082         | 17,901         | 16,817         | 19,262                  | 19,994                  |
| Iron Ore                                                                      | 17,296         | 14,858         | 13,886         | 14,092         | 15,421         | 14,635         | 18,541         | 19,942         | 18,725                  | 19,015                  |
| Crude Oil                                                                     | 7              | 22             | 374            | 4,344          | 10,619         | 16,516         | 12,554         | 6,086          | 7,749                   | 12,781                  |
| Metals                                                                        | 6,645          | 8,863          | 9,173          | 8,953          | 9,126          | 9,230          | 8,585          | 7,619          | 7,993                   | 8,077                   |
| Automotive Vehicles and<br>Equipment                                          | 3,495          | 4,541          | 4,649          | 5,167          | 4,997          | 5,072          | 5,452          | 5,378          | 5,331                   | 5,011                   |
| Fertilizer Materials                                                          | 5,430          | 5,944          | 6,027          | 5,365          | 5,129          | 4,356          | 4,653          | 4,120          | 4,035                   | 4,107                   |
| Miscellaneous                                                                 | 3,191          | 3,384          | 3,726          | 3,786          | 3,914          | 3,788          | 3,430          | 3,328          | 3,767                   | 3,888                   |
| <b>Total</b>                                                                  | <b>234,795</b> | <b>267,835</b> | <b>281,747</b> | <b>293,795</b> | <b>300,390</b> | <b>309,153</b> | <b>304,908</b> | <b>292,922</b> | <b>311,702</b>          | <b>331,716</b>          |

Notes: R= Revised data. P= Preliminary data. Domestic includes shipments made to and from ports within Canada. Transborder is US-US traffic that travels through Canada.

Source: Transport Canada, Rail Traffic Database

**Table RA9: Value of Rail Exports and Imports by Commodity, 2009–2018**

(Millions of dollars)

| <b>Exports</b>       | <b>2009</b>   | <b>2010</b>   | <b>2011</b>   | <b>2012</b>   | <b>2013</b>   | <b>2014</b>   | <b>2015</b>   | <b>2016<sup>R</sup></b> | <b>2017<sup>R</sup></b> | <b>2018<sup>P</sup></b> |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------------|-------------------------|-------------------------|
| Automotive products  | 17,157        | 24,874        | 26,503        | 32,152        | 30,144        | 29,800        | 35,948        | 38,128                  | 34,911                  | 33,989                  |
| Forest products      | 7,544         | 7,988         | 7,826         | 7,994         | 9,519         | 10,375        | 10,712        | 11,145                  | 11,439                  | 12,288                  |
| Petroleum products   | 2,456         | 3,142         | 3,608         | 4,919         | 7,398         | 9,149         | 5,574         | 4,134                   | 6,895                   | 11,736                  |
| Chemicals products   | 7,082         | 8,278         | 10,006        | 9,600         | 10,738        | 11,529        | 11,203        | 10,487                  | 10,319                  | 11,665                  |
| Metals               | 7,048         | 8,881         | 8,929         | 7,793         | 8,242         | 9,070         | 9,106         | 8,006                   | 9,843                   | 11,025                  |
| Agriculture and food | 2,005         | 2,025         | 3,193         | 3,435         | 3,474         | 3,724         | 3,810         | 4,037                   | 4,148                   | 4,120                   |
| Fertilizer materials | 2,208         | 3,034         | 3,585         | 3,259         | 3,185         | 2,709         | 3,489         | 2,380                   | 2,737                   | 3,124                   |
| Miscellaneous        | 1,621         | 1,765         | 1,750         | 1,928         | 2,157         | 1,891         | 1,868         | 1,915                   | 1,948                   | 2,015                   |
| Grains               | 1,696         | 1,399         | 1,597         | 1,780         | 2,062         | 1,904         | 1,655         | 1,338                   | 1,643                   | 1,855                   |
| Other mine products  | 123           | 104           | 202           | 111           | 120           | 143           | 186           | 210                     | 242                     | 284                     |
| Coal                 | 90            | 174           | 283           | 145           | 102           | 81            | 89            | 61                      | 147                     | 117                     |
| Iron ore             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0                       | 0                       | 0                       |
| <b>Totals</b>        | <b>49,029</b> | <b>61,664</b> | <b>67,483</b> | <b>73,115</b> | <b>77,142</b> | <b>80,376</b> | <b>83,640</b> | <b>81,841</b>           | <b>84,272</b>           | <b>92,218</b>           |
| <b>Imports</b>       |               |               |               |               |               |               |               |                         |                         |                         |
| Automotive products  | 10,456        | 13,563        | 12,919        | 14,890        | 15,118        | 18,160        | 20,684        | 26,848                  | 31,025                  | 29,259                  |
| Chemicals products   | 5,478         | 6,362         | 7,447         | 8,114         | 8,532         | 9,040         | 8,321         | 7,661                   | 8,419                   | 8,954                   |
| Miscellaneous        | 2,662         | 2,707         | 3,267         | 4,206         | 4,669         | 5,260         | 4,816         | 3,841                   | 3,703                   | 3,568                   |
| Agriculture and food | 2,075         | 2,029         | 2,498         | 2,972         | 2,752         | 3,015         | 2,917         | 2,733                   | 2,664                   | 2,832                   |
| Metals               | 1,599         | 2,576         | 3,172         | 3,423         | 3,406         | 3,457         | 2,418         | 1,728                   | 2,186                   | 2,248                   |
| Petroleum products   | 1,656         | 2,050         | 2,462         | 3,276         | 3,631         | 4,381         | 1,937         | 1,195                   | 1,180                   | 1,553                   |
| Forest products      | 1,068         | 1,105         | 1,253         | 1,269         | 1,321         | 1,310         | 1,440         | 1,317                   | 1,411                   | 1,482                   |
| Other mine products  | 405           | 442           | 649           | 694           | 478           | 637           | 799           | 660                     | 880                     | 768                     |
| Grains               | 394           | 303           | 320           | 293           | 250           | 290           | 274           | 244                     | 214                     | 371                     |
| Iron ore             | 107           | 142           | 172           | 224           | 230           | 210           | 154           | 137                     | 149                     | 122                     |
| Coal                 | 7             | 6             | 16            | 34            | 20            | 36            | 26            | 36                      | 34                      | 31                      |
| Fertilizer materials | 14            | 32            | 17            | 41            | 86            | 25            | 45            | 36                      | 31                      | 28                      |
| <b>Totals</b>        | <b>25,921</b> | <b>31,317</b> | <b>34,192</b> | <b>39,436</b> | <b>40,494</b> | <b>45,821</b> | <b>43,830</b> | <b>46,436</b>           | <b>51,896</b>           | <b>51,216</b>           |

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada, adapted from Statistics Canada, International Trade Division

**Table RA10: Dangerous Goods Shipments on Rail, 2009–2018**

| (Thousands of tonnes)                           |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |
|-------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| <b>Petroleum Products</b>                       | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
| Crude Oil <sup>1</sup>                          | 8                | 24               | 375              | 4,344            | 10,620           | 16,517           | 12,554           | 6,087            | 7,750             | 12,734            |
| Ethanol or Ethanol Mix <sup>2</sup>             | 3,359            | 3,500            | 5,055            | 6,170            | 6,781            | 6,704            | 5,781            | 5,814            | 6,076             | 6,662             |
| All Other Petroleum Products                    | 16,240           | 17,862           | 17,119           | 18,466           | 17,281           | 17,296           | 17,754           | 19,434           | 21,394            | 23,294            |
| <b>Dangerous Goods</b>                          |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |
| Minerals, Ores & Concentrates                   | 1,623            | 2,459            | 2,770            | 2,486            | 2,478            | 2,013            | 2,226            | 1,845            | 1,776             | 1,823             |
| Other Manufactured & Miscellaneous Goods        | 733              | 724              | 816              | 861              | 960              | 876              | 775              | 707              | 737               | 745               |
| Petroleum Products <sup>5</sup>                 | 13,749           | 14,212           | 14,700           | 20,360           | 25,096           | 30,372           | 26,965           | 22,036           | 25,491            | 32,215            |
| Plastic & Chemical Products <sup>5</sup>        | 9,554            | 10,901           | 11,448           | 11,638           | 12,927           | 13,230           | 12,261           | 11,786           | 12,048            | 12,857            |
| Waste & Scrap                                   | 197              | 195              | 216              | 241              | 260              | 249              | 209              | 217              | 298               | 318               |
| Other Commodities <sup>5</sup>                  | 593              | 1,115            | 1,887            | 1,814            | 1,785            | 1,637            | 1,669            | 1,862            | 1,770             | 1,494             |
| <b>Total</b>                                    | <b>26,449</b>    | <b>29,606</b>    | <b>31,837</b>    | <b>37,401</b>    | <b>43,506</b>    | <b>48,378</b>    | <b>44,105</b>    | <b>38,452</b>    | <b>42,120</b>     | <b>49,451</b>     |
| <b>All Goods</b>                                |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |
| All Dangerous Goods                             | 26,449           | 29,606           | 31,837           | 37,401           | 43,506           | 48,378           | 44,105           | 38,452           | 42,120            | 49,451            |
| Non-Dangerous Goods                             | 207,896          | 237,726          | 249,812          | 256,394          | 256,884          | 260,775          | 260,803          | 254,470          | 269,582           | 282,265           |
| <b>Grand Total</b>                              | <b>234,345</b>   | <b>267,332</b>   | <b>281,648</b>   | <b>293,795</b>   | <b>300,390</b>   | <b>309,153</b>   | <b>304,908</b>   | <b>292,922</b>   | <b>311,702</b>    | <b>331,716</b>    |
| <b>Dangerous Goods Share of Grand Total (%)</b> | <b>11.3</b>      | <b>11.1</b>      | <b>11.3</b>      | <b>12.7</b>      | <b>14.5</b>      | <b>15.6</b>      | <b>14.5</b>      | <b>13.1</b>      | <b>13.5</b>       | <b>14.9</b>       |
| (Number of Carloads)                            |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |
| <b>Petroleum Products</b>                       | 2009             | 2010             | 2011             | 2012             | 2013             | 2014             | 2015             | 2016             | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
| Crude Oil <sup>1</sup>                          | 115              | 306              | 4,750            | 53,469           | 127,705          | 193,358          | 146,633          | 72,064           | 91,589            | 147,351           |
| Ethanol or Ethanol Mix <sup>2</sup>             | 44,868           | 45,616           | 64,182           | 77,819           | 84,184           | 83,083           | 72,173           | 72,283           | 75,120            | 81,830            |
| All Other Petroleum Products                    | 220,355          | 238,733          | 229,428          | 248,155          | 236,101          | 237,859          | 246,772          | 271,726          | 298,472           | 316,137           |
| <b>Dangerous Goods</b>                          |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |
| Minerals, Ores & Concentrates                   | 18,268           | 27,396           | 30,920           | 27,955           | 27,829           | 22,386           | 24,914           | 20,806           | 20,286            | 20,661            |
| Other Manufactured & Miscellaneous Goods        | 22,712           | 21,844           | 24,320           | 26,409           | 29,159           | 27,570           | 24,572           | 22,981           | 23,424            | 23,758            |
| Petroleum Products <sup>5</sup>                 | 188,749          | 193,782          | 198,405          | 270,673          | 326,528          | 386,408          | 349,193          | 297,632          | 344,282           | 423,064           |
| Plastic & Chemical Products <sup>5</sup>        | 119,452          | 135,674          | 143,249          | 144,951          | 159,767          | 162,873          | 152,894          | 147,868          | 152,011           | 160,572           |
| Waste & Scrap                                   | 3,185            | 2,927            | 3,285            | 3,585            | 4,186            | 3,958            | 3,041            | 3,283            | 4,433             | 4,607             |
| Other Commodities <sup>5</sup>                  | 8,255            | 14,295           | 23,075           | 23,194           | 23,003           | 21,918           | 21,926           | 23,268           | 22,188            | 19,193            |
| <b>Total</b>                                    | <b>360,620</b>   | <b>395,919</b>   | <b>423,253</b>   | <b>496,766</b>   | <b>570,471</b>   | <b>625,113</b>   | <b>576,539</b>   | <b>515,837</b>   | <b>566,624</b>    | <b>651,854</b>    |
| <b>All Goods</b>                                |                  |                  |                  |                  |                  |                  |                  |                  |                   |                   |
| All Dangerous Goods                             | 360,620          | 395,919          | 423,253          | 496,766          | 570,471          | 625,113          | 576,539          | 515,837          | 566,624           | 651,854           |
| Non-Dangerous Goods                             | 3,096,772        | 3,562,475        | 3,694,491        | 3,841,143        | 3,899,994        | 4,023,134        | 4,100,971        | 4,043,632        | 4,351,110         | 4,442,318         |
| <b>Grand Total</b>                              | <b>3,457,392</b> | <b>3,958,394</b> | <b>4,117,744</b> | <b>4,337,909</b> | <b>4,470,466</b> | <b>4,648,247</b> | <b>4,677,510</b> | <b>4,559,469</b> | <b>4,917,734</b>  | <b>5,094,172</b>  |
| <b>Dangerous Goods Share of Grand Total (%)</b> | <b>10.4</b>      | <b>10.0</b>      | <b>10.3</b>      | <b>11.5</b>      | <b>12.8</b>      | <b>13.4</b>      | <b>12.3</b>      | <b>11.3</b>      | <b>11.5</b>       | <b>12.8</b>       |

Notes: R= Revised data. P= Preliminary data.

1 Standard Classification of Transported Goods (SCTG) code #16000.

2 Includes ethanol, methanol and various types of ethanol blends.

3 Not all ethanol or ethanol mix products are included in this commodity group.

4 Includes petroleum products that are not flagged as dangerous.

5 Includes some ethanol and ethanol blends.

Source: Transport Canada, Rail Traffic Database

**Table RA11: Volume of Rail Exports and Imports, by Province/Territory of Origin, 2009–2018**

(Thousands of tonnes)

| <b>Exports</b>                         |               |               |               |               |               |               |               |               |                         |                         |
|----------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------------|-------------------------|
| <i>Province/Territory of Origin</i>    | <i>2009</i>   | <i>2010</i>   | <i>2011</i>   | <i>2012</i>   | <i>2013</i>   | <i>2014</i>   | <i>2015</i>   | <i>2016</i>   | <i>2017<sup>R</sup></i> | <i>2018<sup>P</sup></i> |
| Alberta                                | 11,221        | 12,875        | 13,600        | 14,263        | 16,892        | 19,515        | 20,653        | 19,999        | 23,289                  | 30,456                  |
| Saskatchewan                           | 8,755         | 13,488        | 15,256        | 16,206        | 19,595        | 19,771        | 16,909        | 14,479        | 16,873                  | 19,985                  |
| British Columbia                       | 7,806         | 8,672         | 8,761         | 10,028        | 10,315        | 10,626        | 11,620        | 12,117        | 12,245                  | 13,301                  |
| Ontario                                | 8,367         | 11,014        | 11,219        | 11,212        | 11,543        | 11,178        | 11,623        | 12,150        | 12,059                  | 12,474                  |
| Quebec                                 | 8,521         | 9,176         | 9,322         | 8,903         | 9,753         | 9,680         | 9,215         | 8,696         | 8,908                   | 8,849                   |
| Manitoba                               | 3,057         | 2,850         | 2,576         | 2,809         | 3,410         | 3,044         | 2,992         | 3,019         | 3,472                   | 3,544                   |
| New Brunswick                          | 900           | 1,122         | 1,296         | 1,242         | 1,363         | 1,244         | 1,200         | 1,421         | 1,485                   | 1,406                   |
| Nova Scotia                            | 703           | 889           | 847           | 596           | 717           | 683           | 692           | 684           | 694                     | 608                     |
| Other <sup>1</sup>                     | 0             | 0             | 1             | 0             | 0             | 0             | 0             | 0             | 0                       | 0                       |
| <b>Total</b>                           | <b>49,331</b> | <b>60,086</b> | <b>62,878</b> | <b>65,258</b> | <b>73,588</b> | <b>75,741</b> | <b>74,903</b> | <b>72,566</b> | <b>79,024</b>           | <b>90,670</b>           |
| <b>Imports</b>                         |               |               |               |               |               |               |               |               |                         |                         |
| <i>Province/Territory of Clearance</i> |               |               |               |               |               |               |               |               |                         |                         |
| British Columbia                       | 3,620         | 8,362         | 11,778        | 13,935        | 15,072        | 13,635        | 11,789        | 9,210         | 14,422                  | 17,007                  |
| Alberta                                | 5,674         | 6,608         | 6,681         | 8,054         | 9,017         | 9,524         | 7,955         | 6,360         | 8,024                   | 9,306                   |
| Ontario                                | 5,536         | 6,757         | 6,815         | 7,034         | 7,112         | 6,996         | 7,291         | 8,165         | 8,427                   | 8,616                   |
| Quebec                                 | 5,647         | 5,742         | 5,701         | 5,513         | 5,593         | 7,261         | 5,648         | 4,838         | 4,969                   | 5,060                   |
| Saskatchewan                           | 1,134         | 1,362         | 1,511         | 1,554         | 1,732         | 1,784         | 1,555         | 1,485         | 2,100                   | 2,028                   |
| Manitoba                               | 545           | 534           | 817           | 836           | 858           | 907           | 846           | 670           | 763                     | 807                     |
| Nova Scotia                            | 462           | 579           | 548           | 518           | 498           | 436           | 415           | 530           | 575                     | 580                     |
| New Brunswick                          | 317           | 375           | 353           | 516           | 581           | 359           | 282           | 241           | 238                     | 211                     |
| Other <sup>1</sup>                     | 0             | 0             | 0             | 1             | 2             | 0             | 0             | 0             | 0                       | 0                       |
| <b>Totals</b>                          | <b>22,934</b> | <b>30,319</b> | <b>34,204</b> | <b>37,959</b> | <b>40,464</b> | <b>40,902</b> | <b>35,781</b> | <b>31,500</b> | <b>39,517</b>           | <b>43,657</b>           |

Notes: R= Revised data. P= Preliminary data.

<sup>1</sup> Includes Newfoundland and Labrador, Northwest Territories and Yukon.

Source: Transport Canada, Rail Traffic Database

**Table RA12: Value of Rail Exports and Imports, by Port of Exit and Clearance, 2009–2018**

(Millions of dollars)

| <b>Exports</b>           |               |               |               |               |               |               |               |                         |                         |                         |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------------|-------------------------|-------------------------|
| <i>Port of Exit</i>      | <i>2009</i>   | <i>2010</i>   | <i>2011</i>   | <i>2012</i>   | <i>2013</i>   | <i>2014</i>   | <i>2015</i>   | <i>2016<sup>R</sup></i> | <i>2017<sup>R</sup></i> | <i>2018<sup>P</sup></i> |
| Sarnia                   | 14,178        | 17,867        | 18,515        | 17,927        | 18,273        | 19,024        | 20,039        | 20,334                  | 21,166                  | 22,743                  |
| Windsor                  | 8,569         | 12,646        | 14,723        | 18,170        | 17,935        | 17,554        | 20,670        | 21,474                  | 20,137                  | 18,953                  |
| Fort Frances             | 6,114         | 6,529         | 7,754         | 7,993         | 9,761         | 10,745        | 10,699        | 10,332                  | 10,879                  | 13,547                  |
| Fort Erie                | 5,813         | 7,567         | 7,934         | 9,272         | 8,372         | 8,193         | 9,367         | 9,008                   | 7,447                   | 7,520                   |
| North Portal             | 3,554         | 4,154         | 3,631         | 3,538         | 5,197         | 5,647         | 5,201         | 4,316                   | 5,401                   | 6,728                   |
| Emerson                  | 1,942         | 2,394         | 3,945         | 4,993         | 4,520         | 4,799         | 4,119         | 3,718                   | 4,415                   | 5,716                   |
| White Rock               | 2,130         | 2,105         | 2,641         | 2,863         | 3,558         | 3,750         | 3,742         | 4,228                   | 4,876                   | 5,290                   |
| Kingsgate                | 1,477         | 2,026         | 2,229         | 2,187         | 2,542         | 2,765         | 2,681         | 1,858                   | 2,327                   | 3,055                   |
| Lacolle                  | 2,017         | 2,575         | 1,831         | 1,950         | 2,718         | 3,302         | 3,086         | 2,121                   | 2,292                   | 2,803                   |
| Huntington               | 850           | 809           | 941           | 939           | 1,089         | 1,223         | 1,121         | 1,431                   | 1,507                   | 1,105                   |
| Other                    | 2,386         | 2,992         | 3,339         | 3,283         | 3,177         | 3,373         | 2,913         | 3,022                   | 3,826                   | 4,758                   |
| <b>Total</b>             | <b>49,029</b> | <b>61,664</b> | <b>67,483</b> | <b>73,115</b> | <b>77,142</b> | <b>80,376</b> | <b>83,640</b> | <b>81,841</b>           | <b>84,272</b>           | <b>92,218</b>           |
| <b>Imports</b>           |               |               |               |               |               |               |               |                         |                         |                         |
| <i>Port of Clearance</i> |               |               |               |               |               |               |               |                         |                         |                         |
| Windsor                  | 5,246         | 7,988         | 7,294         | 9,665         | 8,236         | 8,884         | 9,397         | 15,262                  | 18,679                  | 16,012                  |
| Toronto                  | 5,448         | 5,997         | 6,925         | 7,552         | 7,601         | 8,357         | 8,542         | 10,388                  | 10,940                  | 11,717                  |
| Sarnia                   | 3,137         | 3,503         | 3,741         | 3,224         | 3,489         | 3,773         | 3,478         | 4,224                   | 5,365                   | 5,636                   |
| Fort Erie                | 923           | 850           | 931           | 1,025         | 1,465         | 2,067         | 2,813         | 2,948                   | 2,832                   | 2,796                   |
| Winnipeg                 | 544           | 832           | 986           | 2,590         | 2,448         | 2,633         | 2,293         | 2,206                   | 2,731                   | 2,702                   |
| Calgary                  | 1,213         | 1,421         | 1,702         | 1,773         | 2,189         | 2,404         | 2,132         | 2,068                   | 1,953                   | 1,863                   |
| Edmonton                 | 2,464         | 2,673         | 3,261         | 3,470         | 3,848         | 3,621         | 2,676         | 1,707                   | 1,890                   | 2,508                   |
| Montreal                 | 2,233         | 2,258         | 2,769         | 3,227         | 3,166         | 3,908         | 3,438         | 1,757                   | 1,573                   | 1,635                   |
| Vancouver                | 1,215         | 1,608         | 1,554         | 1,767         | 1,686         | 1,664         | 1,652         | 1,286                   | 987                     | 1,035                   |
| Hamilton                 | 466           | 786           | 856           | 1,121         | 1,090         | 1,569         | 1,190         | 327                     | 584                     | 859                     |
| Other                    | 3,032         | 3,403         | 4,173         | 4,023         | 5,277         | 6,941         | 6,218         | 4,263                   | 4,363                   | 4,453                   |
| <b>Grand Total</b>       | <b>25,921</b> | <b>31,317</b> | <b>34,192</b> | <b>39,436</b> | <b>40,494</b> | <b>45,821</b> | <b>43,830</b> | <b>46,436</b>           | <b>51,896</b>           | <b>51,216</b>           |

Notes: R= Revised data. P= Preliminary data.

Source: Transport Canada, adapted from Statistics Canada, International Trade Division

**Table RA13: Volume of Rail Marine Exports and Imports, 2009–2018**

(Thousands of tonnes)

|                      | 2009          | 2010           | 2011           | 2012           | 2013           | 2014           | 2015           | 2016           | 2017           | 2018 <sup>P</sup> |
|----------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| Exports <sup>1</sup> | 83,511        | 93,669         | 97,027         | 104,140        | 103,065        | 108,952        | 106,727        | 105,347        | 105,319        | 136,144           |
| Imports <sup>2</sup> | 8,862         | 10,460         | 12,707         | 14,694         | 14,763         | 15,769         | 17,143         | 17,113         | 18,358         | 24,610            |
| <b>Grand Total</b>   | <b>92,373</b> | <b>104,128</b> | <b>109,734</b> | <b>118,834</b> | <b>117,828</b> | <b>124,721</b> | <b>123,870</b> | <b>122,461</b> | <b>123,677</b> | <b>160,755</b>    |

Notes: R= Revised data. P= Preliminary data.

1 Volume of rail cargo shipped through Canadian marine ports.

2 Volume of rail cargo coming from Canadian marine ports.

Source: Transport Canada; Rail Traffic Database

**Table RA14: Volume of Rail Marine Exports and Imports, by Commodity, 2009–2018**

(Thousands of tonnes)

**Exports<sup>1</sup>**

| Commodity                            | 2009 <sup>R</sup> | 2010 <sup>R</sup> | 2011 <sup>R</sup> | 2012 <sup>R</sup> | 2013 <sup>R</sup> | 2014 <sup>R</sup> | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Grains                               | 27,615.6          | 26,394.0          | 27,061.3          | 28,369.2          | 26,170.8          | 34,926.2          | 33,557.3          | 31,666.9          | 33,122.4          | 34,470.5          |
| Coal                                 | 26,212.8          | 33,258.7          | 35,450.0          | 40,040.1          | 39,888.5          | 37,318.5          | 31,758.9          | 31,563.3          | 33,352.9          | 33,688.7          |
| Potash                               | 2,668.4           | 6,525.4           | 8,244.7           | 6,481.5           | 6,591.9           | 7,870.1           | 9,796.1           | 9,035.3           | 9,111.1           | 16,996.5          |
| Agricultural and Food Products       | 5,727.5           | 6,976.1           | 6,274.4           | 6,259.2           | 6,968.1           | 7,224.8           | 7,599.4           | 8,446.8           | 7,498.1           | 11,959.4          |
| Intermodal                           | 8,392.7           | 8,297.0           | 8,156.2           | 8,207.9           | 9,039.9           | 9,643.3           | 8,871.1           | 9,102.9           | 9,086.5           | 8,658.8           |
| Crude Oil                            | -                 | 0.3               | 2.4               | 403.5             | 610.8             | 225.7             | 1,860.7           | 1,394.4           | 977.3             | 6,982.4           |
| Forest Products                      | 4,148.5           | 3,886.8           | 4,486.4           | 6,487.6           | 6,497.3           | 4,939.8           | 5,754.5           | 6,293.3           | 3,570.7           | 6,219.1           |
| Petroleum Products (excl. crude oil) | 913.6             | 1,507.2           | 1,001.9           | 1,897.8           | 1,439.8           | 1,274.8           | 1,299.3           | 1,395.7           | 2,637.6           | 5,351.6           |
| Chemicals                            | 1,564.0           | 1,207.3           | 1,097.5           | 1,031.8           | 976.5             | 1,022.3           | 1,149.6           | 1,355.9           | 1,241.9           | 4,348.1           |
| Fertilizer Materials                 | 3,975.7           | 3,626.0           | 3,417.8           | 3,024.9           | 2,765.8           | 2,480.0           | 2,780.3           | 2,618.0           | 2,178.7           | 2,860.7           |
| Minerals                             | 2,244.4           | 1,939.8           | 1,773.3           | 1,911.9           | 1,919.7           | 2,018.4           | 2,293.9           | 2,372.1           | 2,433.4           | 2,307.9           |
| Automotive Vehicles and Equipment    | 4.2               | 5.9               | 39.3              | 1.6               | 173.4             | 0.9               | 1.7               | 100.6             | 104.4             | 1,233.6           |
| Metals                               | 1.9               | 3.5               | 1.8               | 3.3               | 1.4               | 0.1               | 2.3               | 1.0               | 3.4               | 578.4             |
| Miscellaneous                        | 41.5              | 40.5              | 20.2              | 20.0              | 21.2              | 6.6               | 2.3               | 1.2               | 0.8               | 488.6             |
| Iron Ore                             | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 |
| <b>Total</b>                         | <b>83,510.7</b>   | <b>93,668.6</b>   | <b>97,027.2</b>   | <b>104,140.2</b>  | <b>103,065.3</b>  | <b>108,951.5</b>  | <b>106,727.2</b>  | <b>105,347.4</b>  | <b>105,319.1</b>  | <b>136,144.3</b>  |

**Imports<sup>2</sup>**

| Commodity                            | 2009 <sup>R</sup> | 2010 <sup>R</sup> | 2011 <sup>R</sup> | 2012 <sup>R</sup> | 2013 <sup>R</sup> | 2014 <sup>R</sup> | 2015 <sup>R</sup> | 2016 <sup>R</sup> | 2017 <sup>R</sup> | 2018 <sup>P</sup> |
|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Intermodal                           | 8,267.1           | 9,891.6           | 11,473.3          | 12,733.0          | 13,062.9          | 13,983.4          | 15,165.1          | 14,115.4          | 15,776.1          | 15,933.3          |
| Chemicals                            | 440.9             | 404.9             | 568.2             | 580.1             | 609.1             | 656.8             | 668.2             | 632.4             | 632.6             | 2,922.8           |
| Minerals                             | 51.0              | 58.1              | 26.6              | 17.1              | 174.8             | 945.9             | 960.7             | 998.5             | 971.8             | 1,921.2           |
| Petroleum Products (excl. crude oil) | 22.0              | 19.5              | 391.3             | 17.5              | 185.3             | 90.5              | 118.4             | 324.6             | 265.1             | 892.4             |
| Agricultural and Food Products       | 6.6               | 5.3               | 2.0               | 3.2               | 1.5               | 2.0               | 8.3               | 127.0             | 11.5              | 801.0             |
| Grains                               | 10.2              | 0.1               | 2.1               | 934.3             | 317.9             | 18.1              | 9.4               | 7.0               | 7.8               | 636.7             |
| Metals                               | 38.1              | 38.1              | 42.2              | 25.8              | 35.7              | 51.1              | 49.9              | 49.8              | 23.5              | 402.0             |
| Automotive Vehicles and Equipment    | 0.5               | 0.4               | 102.8             | 1.6               | 110.4             | 0.9               | 133.1             | 147.3             | 165.9             | 381.7             |
| Forest Products                      | 20.5              | 11.6              | 10.3              | 291.1             | 255.9             | 15.0              | 26.0              | 674.6             | 482.3             | 337.4             |
| Miscellaneous                        | 4.9               | 8.6               | 3.9               | 4.2               | 2.5               | 5.8               | 3.1               | 1.3               | 1.6               | 336.4             |
| Iron Ore                             | -                 | 21.5              | 79.2              | 83.6              | -                 | -                 | -                 | 35.0              | 12.1              | 17.3              |
| Fertilizer Materials                 | -                 | -                 | 5.3               | -                 | -                 | -                 | -                 | 0.4               | 0.1               | 16.7              |
| Coal                                 | 0.2               | -                 | -                 | 2.4               | 0.5               | -                 | 0.1               | -                 | -                 | 7.0               |
| Crude Oil                            | -                 | 0.1               | 0.1               | 0.2               | 6.2               | -                 | 0.6               | -                 | -                 | 3.2               |
| Potash                               | -                 | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 8.0               | 1.3               |
| <b>Grand Total</b>                   | <b>8,862.1</b>    | <b>10,459.8</b>   | <b>12,707.3</b>   | <b>14,694.1</b>   | <b>14,762.6</b>   | <b>15,769.5</b>   | <b>17,143.1</b>   | <b>17,113.3</b>   | <b>18,358.3</b>   | <b>24,610.3</b>   |

Notes: R= Revised data. P= Preliminary data.

1 Volume of rail cargo shipped through Canadian marine port of origin.

2 Volume of rail cargo shipped through Canadian marine port of destination.

Source: Transport Canada; Rail Traffic Database

**Table RA15: CN and CPR Intermodal Traffic, 2009–2018**

|                               | (Millions of tonnes) |             |             |             |             |             |             |             |                         |                         |
|-------------------------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------------------|
| <i>Origin-Destination</i>     | <i>2009</i>          | <i>2010</i> | <i>2011</i> | <i>2012</i> | <i>2013</i> | <i>2014</i> | <i>2015</i> | <i>2016</i> | <i>2017<sup>R</sup></i> | <i>2018<sup>P</sup></i> |
| <b>North America</b>          | <b>11.6</b>          | <b>12.5</b> | <b>11.9</b> | <b>12.6</b> | <b>13.2</b> | <b>13.3</b> | <b>13.3</b> | <b>13.9</b> | <b>15.3</b>             | <b>17.9</b>             |
| Canada - Canada               | 9.4                  | 9.8         | 9.6         | 10.0        | 10.4        | 10.5        | 10.9        | 11.9        | 13.0                    | 16.2                    |
| Canada - United States        | 1.1                  | 1.5         | 0.8         | 0.9         | 0.9         | 1.0         | 0.8         | 0.7         | 0.9                     | 0.6                     |
| Canada - Mexico               | 0.0                  | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.1         | 0.1                     | 0.1                     |
| United States - Canada        | 1.1                  | 1.2         | 1.4         | 1.6         | 1.7         | 1.7         | 1.5         | 1.1         | 1.2                     | 0.9                     |
| Mexico - Canada               | 0.0                  | 0.0         | 0.0         | 0.1         | 0.1         | 0.1         | 0.1         | 0.1         | 0.1                     | 0.1                     |
| United States - United States | 0.0                  | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0         | 0.0                     | 0.0                     |
| Marine Exports                | 8.4                  | 8.3         | 8.2         | 8.2         | 9.0         | 9.6         | 8.9         | 8.3         | 9.2                     | 8.6                     |
| Marine Imports                | 8.3                  | 9.9         | 11.5        | 12.7        | 13.1        | 14.0        | 15.2        | 14.1        | 15.8                    | 15.9                    |
| <b>Total</b>                  | <b>28.2</b>          | <b>30.7</b> | <b>31.5</b> | <b>33.5</b> | <b>35.3</b> | <b>36.9</b> | <b>37.4</b> | <b>37.2</b> | <b>40.1</b>             | <b>42.5</b>             |
| <i>Type of cars</i>           |                      |             |             |             |             |             |             |             |                         |                         |
| COFC                          | 27.1                 | 29.5        | 30.4        | 32.5        | 34.1        | 35.6        | 36.4        | 36.6        | 39.4                    | 42.1                    |
| TOFC                          | 1.1                  | 1.2         | 1.1         | 1.0         | 1.1         | 1.3         | 1.0         | 0.6         | 0.7                     | 0.2                     |
| <b>Total</b>                  | <b>28.2</b>          | <b>30.7</b> | <b>31.5</b> | <b>33.5</b> | <b>35.3</b> | <b>36.9</b> | <b>37.4</b> | <b>37.2</b> | <b>40.1</b>             | <b>42.3</b>             |

Notes: R = Revised data. P = Preliminary data. CN = Canadian National. CPR = Canadian Pacific Railway. COFC = Containers on flat cars. TOFC = Trailers on flat cars.

Source: Transport Canada; Rail Traffic Database

**Table RA16: Passenger and Passenger-Kms for VIA Rail Canada and Other Carriers, 2009–2018**

| Passengers Carried (Thousands)    |                 |              |              |
|-----------------------------------|-----------------|--------------|--------------|
| <i>Year</i>                       | <i>VIA Rail</i> | <i>Other</i> | <i>Total</i> |
| 2009                              | 4,229           | 144          | 4,373        |
| 2010                              | 4,153           | 147          | 4,300        |
| 2011                              | 4,130           | 153          | 4,283        |
| 2012                              | 3,923           | 137          | 4,060        |
| 2013                              | 3,890           | 102          | 3,992        |
| 2014                              | 3,800           | 103          | 3,903        |
| 2015                              | 3,818           | 103          | 3,921        |
| 2016                              | 3,974           | 106          | 4,080        |
| 2017 <sup>R</sup>                 | 4,390           | 104          | 4,494        |
| 2018 <sup>P</sup>                 | 4,753           | N/A          | N/A          |
| Passenger - Kilometres (Millions) |                 |              |              |
| <i>Year</i>                       | <i>VIA Rail</i> | <i>Other</i> | <i>Total</i> |
| 2009                              | 1,379.2         | 34.1         | 1,413.4      |
| 2010                              | 1,361.5         | 42.3         | 1,403.9      |
| 2011                              | 1,369.6         | 34.8         | 1,404.4      |
| 2012                              | 1,342.2         | 33.5         | 1,375.7      |
| 2013                              | 1,339.0         | 26.4         | 1,365.4      |
| 2014                              | 1,300.3         | 26.5         | 1,326.9      |
| 2015                              | 1,322.9         | 26.5         | 1,349.4      |
| 2016                              | 1,380.8         | 27.3         | 1,408.1      |
| 2017 <sup>R</sup>                 | 1,500.0         | 27.3         | 1,527.3      |
| 2018 <sup>P</sup>                 | 1,596.6         | N/A          | N/A          |

Notes: P= Preliminary data. N/A= Not available. Other includes CN, CP, and Class II. Excludes tour operations.

Source: Transport Canada

# ROAD TRANSPORTATION

**Table RO1: National Highway System, 2017**

| (Kilometres)              |                    |                      |                                     |                 |
|---------------------------|--------------------|----------------------|-------------------------------------|-----------------|
| <i>Province</i>           | <i>Core Routes</i> | <i>Feeder Routes</i> | <i>Northern &amp; Remote Routes</i> | <i>Total</i>    |
| Newfoundland and Labrador | 1,007.6            | 298.0                | 1,161.0                             | 2,466.6         |
| Nova Scotia               | 904.7              | 294.3                | 0.0                                 | 1,199.0         |
| Prince Edward Island      | 208.7              | 189.5                | 0.0                                 | 398.2           |
| New Brunswick             | 994.6              | 818.4                | 0.0                                 | 1,813.0         |
| Quebec                    | 3,436.9            | 770.9                | 1,435.6                             | 5,643.4         |
| Ontario                   | 6,134.8            | 682.0                | 0.0                                 | 6,816.8         |
| Manitoba                  | 985.2              | 740.6                | 368.2                               | 2,094.0         |
| Saskatchewan              | 2,451.2            | 0.0                  | 236.3                               | 2,687.5         |
| Alberta                   | 4,088.5            | 215.5                | 196.5                               | 4,500.6         |
| British Columbia          | 5,869.3            | 446.7                | 724.0                               | 7,040.0         |
| Nunavut                   | 0.0                | 0.0                  | 0.0                                 | 0.0             |
| Northwest Territories     | 575.6              | 0.0                  | 847.2                               | 1,422.8         |
| Yukon                     | 1,068.6            | 0.0                  | 947.9                               | 2,016.5         |
| <b>Canada</b>             | <b>27,725.7</b>    | <b>4,455.9</b>       | <b>5,916.7</b>                      | <b>38,098.4</b> |

Notes: Totals may not add up due to rounding.

The length information is based on the centerline distance of a roadway between start and end points (rather than lane-kilometers or "two-lane equivalent" lengths) as of December 31, 2017.

Source: Canada's National Highway System Annual Report 2017

**Table RO2: Length of the Public Road Network in Canada, 2016**

|                           | <i>Length<br/>(two-lane equivalent kilometres)</i> |                |                  | <i>Provinces/Territories<br/>Share of Total (per cent)</i> | <i>Percentage Distribution</i> |                |
|---------------------------|----------------------------------------------------|----------------|------------------|------------------------------------------------------------|--------------------------------|----------------|
|                           | <i>Paved</i>                                       | <i>Unpaved</i> | <i>Total</i>     |                                                            | <i>Paved</i>                   | <i>Unpaved</i> |
| Newfoundland and Labrador | 11,100                                             | 9,200          | 20,300           | 1.8                                                        | 54.7                           | 45.3           |
| Nova Scotia               | 19,100                                             | 17,600         | 36,700           | 3.3                                                        | 52.0                           | 48.0           |
| Prince Edward Island      | 4,400                                              | 1,800          | 6,200            | 0.6                                                        | 71.0                           | 29.0           |
| New Brunswick             | 21,200                                             | 900            | 22,100           | 2.0                                                        | 95.9                           | 4.1            |
| Quebec                    | 93,000                                             | 42,000         | 135,000          | 12.0                                                       | 68.9                           | 31.1           |
| Ontario                   | 125,100                                            | 120,400        | 245,500          | 21.8                                                       | 51.0                           | 49.0           |
| Manitoba                  | 19,900                                             | 67,900         | 87,800           | 7.8                                                        | 22.7                           | 77.3           |
| Saskatchewan              | 30,800                                             | 199,000        | 229,800          | 20.4                                                       | 13.4                           | 86.6           |
| Alberta                   | 63,200                                             | 173,300        | 236,500          | 21.0                                                       | 26.7                           | 73.3           |
| British Columbia          | 51,700                                             | 35,400         | 87,100           | 7.7                                                        | 59.4                           | 40.6           |
| Nunavut                   | 0                                                  | 1,300          | 1,300            | 0.1                                                        | 0.0                            | 100.0          |
| Northwest Territories     | 1,200                                              | 4,200          | 5,400            | 0.5                                                        | 22.2                           | 77.8           |
| Yukon                     | 2,500                                              | 3,600          | 6,100            | 0.5                                                        | 41.0                           | 59.0           |
| <b>Total</b>              | <b>449,400</b>                                     | <b>676,600</b> | <b>1,126,000</b> | <b>100.0</b>                                               | <b>39.9</b>                    | <b>60.1</b>    |

Notes: Does not include private roads.

The methodology used to calculate the two-lane equivalent kilometers has been revised since the previous edition of this table was published.

Source: National Road Network (NRN), current as of December 2016

**Table RO3: Road Vehicle Statistics, by Province/Territory, 2009**

|                           | <i>Vehicles (thousands)</i> |               |              | <i>Vehicle-Km (millions)</i> |               |               | <i>Light Vehicles Only</i>         |                                                    | <i>Vehicles<br/>per 1,000<br/>Population</i> |
|---------------------------|-----------------------------|---------------|--------------|------------------------------|---------------|---------------|------------------------------------|----------------------------------------------------|----------------------------------------------|
|                           | <i>Light</i>                | <i>Medium</i> | <i>Heavy</i> | <i>Light</i>                 | <i>Medium</i> | <i>Heavy</i>  | <i>Passenger-Km<br/>(Billions)</i> | <i>Litres of Fuel<br/>Purchased<br/>(Billions)</i> |                                              |
| Newfoundland and Labrador | 290                         | 3.5           | 3.4          | 4,400                        | 41            | 225           | 7.4                                | 0.5                                                | 570                                          |
| Nova Scotia               | 538                         | 7.9           | 8.0          | 9,400                        | 181           | 500           | 15.1                               | 0.9                                                | 573                                          |
| Prince Edward Island      | 82                          | 1.3           | 2.7          | 1,200                        | 11            | 39            | 1.9                                | 0.1                                                | 578                                          |
| New Brunswick             | 482                         | 5.3           | 4.6          | 7,800                        | 60            | 138           | 13.2                               | 0.8                                                | 643                                          |
| Quebec                    | 4,593                       | 48.5          | 37.8         | 68,100                       | 1,031         | 3,563         | 111.0                              | 6.8                                                | 587                                          |
| Ontario                   | 7,167                       | 90.4          | 105.5        | 116,100                      | 1,719         | 8,006         | 186.0                              | 12.3                                               | 548                                          |
| Manitoba                  | 670                         | 11.2          | 17.3         | 10,000                       | 160           | 1,529         | 16.6                               | 1.1                                                | 548                                          |
| Saskatchewan              | 718                         | 38.9          | 30.9         | 11,000                       | 529           | 1,224         | 18.1                               | 1.3                                                | 697                                          |
| Alberta                   | 2,581                       | 131.4         | 87.4         | 41,700                       | 2,617         | 5,421         | 70.0                               | 4.8                                                | 700                                          |
| British Columbia          | 2,584                       | 96.3          | 16.7         | 33,300                       | 1,891         | 585           | 53.7                               | 3.8                                                | 580                                          |
| Nunavut                   | 4                           | 0.3           | 0.2          | 30                           | 3             | 2             | N/A                                | N/A                                                | 120                                          |
| Northwest Territories     | 21                          | 1.0           | 1.3          | 200                          | 16            | 62            | N/A                                | N/A                                                | 494                                          |
| Yukon Territory           | 27                          | 2.1           | 1.5          | 400                          | 34            | 122           | N/A                                | N/A                                                | 793                                          |
| <b>Canada</b>             | <b>19,756</b>               | <b>438.0</b>  | <b>317.2</b> | <b>303,630</b>               | <b>8,294</b>  | <b>21,417</b> | <b>493.1</b>                       | <b>32.3</b>                                        | <b>586</b>                                   |

Notes: N/A= Data not available. Medium vehicles have a gross weight between 4.5 tonnes and 15 tonnes. Heavy vehicles have a gross weight of 15 tonnes or more.

Source: Canadian Vehicle Survey, 2009 Annual Averages (*The Canadian Vehicle Survey (CVS) was terminated in 2011. Motor vehicle activity data are no longer available from this survey beginning with the 2010 reference year.*)

**Table RO4: Canadian Vehicle Use Study Light Vehicle Statistics, Annual Averages Per Vehicle, 2015**

|                                                     | ----- Annual Averages Per Vehicle ----- |                                |                                  |                                 | ----- Per Vehicle Ratios -----          |                                        |                                                        |
|-----------------------------------------------------|-----------------------------------------|--------------------------------|----------------------------------|---------------------------------|-----------------------------------------|----------------------------------------|--------------------------------------------------------|
|                                                     | <i>Fleet Size<br/>(thousands)</i>       | <i>Travel Time<br/>(hours)</i> | <i>Passenger-<br/>Kilometres</i> | <i>Distance<br/>Driven (Km)</i> | <i>Distance Driven<br/>Per Day (Km)</i> | <i>Fuel Consumption<br/>(L/100 Km)</i> | <i>Percentage of Time<br/>Spent Idling<sup>1</sup></i> |
| <b>2015 Total</b>                                   | <b>15,009</b>                           | <b>384<sup>a</sup></b>         | <b>28,072<sup>a</sup></b>        | <b>16,509<sup>a</sup></b>       | <b>49.7<sup>a</sup></b>                 | <b>12.2<sup>a</sup></b>                | <b>22.5<sup>a</sup></b>                                |
| <i>by Participating Province</i>                    |                                         |                                |                                  |                                 |                                         |                                        |                                                        |
| Quebec                                              | 5,263                                   | 365 <sup>a</sup>               | 27,698 <sup>a</sup>              | 15,917 <sup>a</sup>             | 47.3 <sup>a</sup>                       | 11.9 <sup>a</sup>                      | 21.8 <sup>a</sup>                                      |
| Ontario                                             | 8,164                                   | 403 <sup>a</sup>               | 28,641 <sup>a</sup>              | 17,246 <sup>a</sup>             | 52.2 <sup>a</sup>                       | 12.2 <sup>a</sup>                      | 22.3 <sup>a</sup>                                      |
| Manitoba                                            | 802                                     | 384 <sup>a</sup>               | 26,429 <sup>a</sup>              | 15,187 <sup>a</sup>             | 46.5 <sup>a</sup>                       | 13.4 <sup>a</sup>                      | 25.8 <sup>a</sup>                                      |
| Saskatchewan                                        | 699                                     | 345 <sup>a</sup>               | 27,146 <sup>a</sup>              | 15,101 <sup>a</sup>             | 46.3 <sup>a</sup>                       | 13.3 <sup>a</sup>                      | 26.5 <sup>a</sup>                                      |
| Prince Edward Island                                | 81                                      | 391 <sup>b</sup>               | 28,863 <sup>c</sup>              | 17,920 <sup>b</sup>             | 53.9 <sup>a</sup>                       | 12.0 <sup>a</sup>                      | 20.2 <sup>b</sup>                                      |
| <i>by Population Size of Participant's Location</i> |                                         |                                |                                  |                                 |                                         |                                        |                                                        |
| 700,000 and Over                                    | N/A                                     | 410 <sup>a</sup>               | 27,685 <sup>a</sup>              | 16,190 <sup>a</sup>             | 48.3 <sup>a</sup>                       | 12.0 <sup>a</sup>                      | 23.5 <sup>a</sup>                                      |
| 200,000–699,999                                     | N/A                                     | 374 <sup>a</sup>               | 25,650 <sup>a</sup>              | 15,322 <sup>a</sup>             | 45.8 <sup>a</sup>                       | 12.3 <sup>a</sup>                      | 22.9 <sup>a</sup>                                      |
| 100,000–199,999                                     | N/A                                     | 384 <sup>a</sup>               | 27,600 <sup>a</sup>              | 17,368 <sup>a</sup>             | 51.9 <sup>a</sup>                       | 12.3 <sup>a</sup>                      | 22.0 <sup>a</sup>                                      |
| 50,000–99,999                                       | N/A                                     | 339 <sup>a</sup>               | 26,595 <sup>a</sup>              | 15,050 <sup>a</sup>             | 45.6 <sup>a</sup>                       | 12.8 <sup>a</sup>                      | 22.2 <sup>a</sup>                                      |
| Fewer than 50,000                                   | N/A                                     | 368 <sup>a</sup>               | 31,803 <sup>a</sup>              | 18,856 <sup>a</sup>             | 58.6 <sup>a</sup>                       | 12.1 <sup>a</sup>                      | 20.5 <sup>a</sup>                                      |
| <i>by Age of the Vehicle</i>                        |                                         |                                |                                  |                                 |                                         |                                        |                                                        |
| Less than 4 Years                                   | 3,287                                   | 457 <sup>a</sup>               | 35,420 <sup>a</sup>              | 20,219 <sup>a</sup>             | 58.3 <sup>a</sup>                       | 11.7 <sup>a</sup>                      | 21.1 <sup>a</sup>                                      |
| 4-8 Years                                           | 5,098                                   | 399 <sup>a</sup>               | 30,171 <sup>a</sup>              | 17,606 <sup>a</sup>             | 51.7 <sup>a</sup>                       | 12.1 <sup>a</sup>                      | 21.5 <sup>a</sup>                                      |
| 9 Years or More                                     | 6,623                                   | 320 <sup>a</sup>               | 20,846 <sup>a</sup>              | 12,823 <sup>a</sup>             | 40.6 <sup>a</sup>                       | 12.7 <sup>a</sup>                      | 24.7 <sup>a</sup>                                      |
| <i>by Vehicle Type</i>                              |                                         |                                |                                  |                                 |                                         |                                        |                                                        |
| Passenger Car                                       | 8,233                                   | 371 <sup>a</sup>               | 26,222 <sup>a</sup>              | 15,884 <sup>a</sup>             | 47.8 <sup>a</sup>                       | 10.5 <sup>a</sup>                      | 22.0 <sup>a</sup>                                      |
| Minivan                                             | 1,414                                   | 446 <sup>a</sup>               | 36,059 <sup>a</sup>              | 18,008 <sup>a</sup>             | 53.1 <sup>a</sup>                       | 13.6 <sup>a</sup>                      | 24.4 <sup>a</sup>                                      |
| SUV                                                 | 3,324                                   | 407 <sup>a</sup>               | 31,253 <sup>a</sup>              | 17,843 <sup>a</sup>             | 52.5 <sup>a</sup>                       | 13.0 <sup>a</sup>                      | 21.7 <sup>a</sup>                                      |
| Pickup/Cargo                                        | 2,038                                   | 352 <sup>a</sup>               | 23,871 <sup>a</sup>              | 15,485 <sup>a</sup>             | 49.3 <sup>a</sup>                       | 16.3 <sup>a</sup>                      | 24.9 <sup>a</sup>                                      |
| <i>by Engine Displacement (Litres)</i>              |                                         |                                |                                  |                                 |                                         |                                        |                                                        |
| Less than 2 L                                       | N/A                                     | 375 <sup>a</sup>               | 25,055 <sup>a</sup>              | 16,380 <sup>a</sup>             | 47.9 <sup>a</sup>                       | 8.5 <sup>a</sup>                       | 21.1 <sup>a</sup>                                      |
| 2 L to 2.9 L                                        | N/A                                     | 390 <sup>a</sup>               | 26,924 <sup>a</sup>              | 16,661 <sup>a</sup>             | 49.4 <sup>a</sup>                       | 10.5 <sup>a</sup>                      | 21.7 <sup>a</sup>                                      |
| 3 L to 3.9 L                                        | N/A                                     | 407 <sup>a</sup>               | 33,072 <sup>a</sup>              | 17,329 <sup>a</sup>             | 51.4 <sup>a</sup>                       | 13.5 <sup>a</sup>                      | 22.7 <sup>a</sup>                                      |
| 4 L and More                                        | N/A                                     | 344 <sup>a</sup>               | 23,906 <sup>a</sup>              | 14,969 <sup>a</sup>             | 48.6 <sup>a</sup>                       | 16.3 <sup>a</sup>                      | 25.0 <sup>a</sup>                                      |
| <i>by Number of Cylinders in Vehicle Engine</i>     |                                         |                                |                                  |                                 |                                         |                                        |                                                        |
| 4 or Less/Rotary                                    | N/A                                     | 384 <sup>a</sup>               | 26,296 <sup>a</sup>              | 16,531 <sup>a</sup>             | 49.1 <sup>a</sup>                       | 9.6 <sup>a</sup>                       | 21.6 <sup>a</sup>                                      |
| 5 or 6                                              | N/A                                     | 396 <sup>a</sup>               | 31,279 <sup>a</sup>              | 16,770 <sup>a</sup>             | 50.2 <sup>a</sup>                       | 13.5 <sup>a</sup>                      | 22.8 <sup>a</sup>                                      |
| 8 or More                                           | N/A                                     | 353 <sup>a</sup>               | 24,750 <sup>a</sup>              | 15,701 <sup>a</sup>             | 50.4 <sup>a</sup>                       | 17.0 <sup>a</sup>                      | 24.9 <sup>a</sup>                                      |
| <i>by Transmission Type</i>                         |                                         |                                |                                  |                                 |                                         |                                        |                                                        |
| Automatic                                           | N/A                                     | 390 <sup>a</sup>               | 28,420 <sup>a</sup>              | 16,570 <sup>a</sup>             | 49.8 <sup>a</sup>                       | 12.6 <sup>a</sup>                      | 22.9 <sup>a</sup>                                      |
| Manual                                              | N/A                                     | 338 <sup>a</sup>               | 25,200 <sup>a</sup>              | 16,003 <sup>a</sup>             | 49.1 <sup>a</sup>                       | 9.3 <sup>a</sup>                       | 19.9 <sup>a</sup>                                      |

Notes: N/A= Not applicable.

<sup>1</sup> Idling refers to a vehicle with a running engine that is not in motion. This includes time when a vehicle is stopped at a stop light.

The Canadian Vehicle Use Study in 2015 has data only for the following participating provinces: Quebec, Ontario, Manitoba, Saskatchewan, and Prince Edward Island.

Light vehicles are defined as those less than 4,500 kilograms.

Coefficient of Variation (CV): a: less than 5%, b: between 5% and 10%, c: between 10% and 15%, d: between 15% and 20%, and e: 20% and greater.

Data with a CV higher than 20% is not being published in this addendum due to its lack of reliability.

Source: Transport Canada, Canadian Vehicle Use Study, special tabulations

**Table RO5: Canadian Vehicle Use Study Light Vehicle Statistics, Averages Per Trip, 2015**

|                                    | Averages Per Trip  |                         |                        |                        |                        |                             |                                              |
|------------------------------------|--------------------|-------------------------|------------------------|------------------------|------------------------|-----------------------------|----------------------------------------------|
|                                    | Share of Trips (%) | Trip Duration (min)     | Trip Length (km)       | Vehicle Occupancy      | Fuel Consumption (L)   | Fuel Consumption (L/100 Km) | Percentage of Time Spent Idling <sup>1</sup> |
| <b>2015 Total</b>                  | <b>100</b>         | <b>13.4<sup>a</sup></b> | <b>9.6<sup>a</sup></b> | <b>1.5<sup>a</sup></b> | <b>1.1<sup>a</sup></b> | <b>13.6<sup>a</sup></b>     | <b>26.8<sup>a</sup></b>                      |
| <i>by Trip Purpose</i>             |                    |                         |                        |                        |                        |                             |                                              |
| Unclassified                       | 30.8               | 8.3 <sup>a</sup>        | 5.0 <sup>a</sup>       | 1.0 <sup>a</sup>       | 0.6 <sup>a</sup>       | 12.0 <sup>a</sup>           | 33.5 <sup>a</sup>                            |
| Work/Business                      | 20.3               | 18.7 <sup>a</sup>       | 14.2 <sup>a</sup>      | 1.3 <sup>a</sup>       | 1.6 <sup>a</sup>       | 14.0 <sup>a</sup>           | 22.8 <sup>a</sup>                            |
| School/Daycare                     | 3.1                | 12.3 <sup>a</sup>       | 6.9 <sup>a</sup>       | 2.2 <sup>a</sup>       | 0.8 <sup>a</sup>       | 15.5 <sup>a</sup>           | 26.5 <sup>a</sup>                            |
| Shopping/Appointments/Errands      | 23.1               | 11.3 <sup>a</sup>       | 6.8 <sup>a</sup>       | 1.6 <sup>a</sup>       | 0.8 <sup>a</sup>       | 15.0 <sup>a</sup>           | 25.8 <sup>a</sup>                            |
| Leisure/Visiting Family or Friends | 20.8               | 18.3 <sup>a</sup>       | 15.7 <sup>a</sup>      | 2.0 <sup>a</sup>       | 1.7 <sup>a</sup>       | 13.8 <sup>a</sup>           | 22.3 <sup>a</sup>                            |
| Community Involvement <sup>2</sup> | 1.8                | 13.3 <sup>a</sup>       | 8.9 <sup>a</sup>       | 1.6 <sup>a</sup>       | 1.0 <sup>a</sup>       | 14.3 <sup>a</sup>           | 25.3 <sup>a</sup>                            |
| <i>by Day Type</i>                 |                    |                         |                        |                        |                        |                             |                                              |
| Workday                            | 75.9               | 13.4 <sup>a</sup>       | 9.3 <sup>a</sup>       | 1.4 <sup>a</sup>       | 1.1 <sup>a</sup>       | 13.7 <sup>a</sup>           | 26.8 <sup>a</sup>                            |
| Weekend                            | 24.1               | 13.6 <sup>a</sup>       | 10.5 <sup>a</sup>      | 1.6 <sup>a</sup>       | 1.2 <sup>a</sup>       | 13.3 <sup>a</sup>           | 26.7 <sup>a</sup>                            |
| <i>by Trip Length</i>              |                    |                         |                        |                        |                        |                             |                                              |
| Less than 1 km                     | 23.6               | 2.6 <sup>a</sup>        | 0.3 <sup>a</sup>       | 1.2 <sup>a</sup>       | 0.1 <sup>a</sup>       | -- <sup>c</sup>             | 44.5 <sup>a</sup>                            |
| 1 to 5.99 km                       | 37.2               | 7.2 <sup>a</sup>        | 2.6 <sup>a</sup>       | 1.5 <sup>a</sup>       | 0.4 <sup>a</sup>       | 16.5 <sup>a</sup>           | 25.5 <sup>a</sup>                            |
| 6 to 10.99 km                      | 15.9               | 14.0 <sup>a</sup>       | 7.1 <sup>a</sup>       | 1.5 <sup>a</sup>       | 1.0 <sup>a</sup>       | 13.5 <sup>a</sup>           | 21.7 <sup>a</sup>                            |
| 11 to 15.99 km                     | 7.6                | 19.5 <sup>a</sup>       | 12.3 <sup>a</sup>      | 1.6 <sup>a</sup>       | 1.5 <sup>a</sup>       | 12.1 <sup>a</sup>           | 18.8 <sup>a</sup>                            |
| 16 to 20.99 km                     | 4.4                | 24.0 <sup>a</sup>       | 17.3 <sup>a</sup>      | 1.6 <sup>a</sup>       | 1.9 <sup>a</sup>       | 11.3 <sup>a</sup>           | 16.7 <sup>a</sup>                            |
| 21 to 30.99 km                     | 4.6                | 29.6 <sup>a</sup>       | 24.3 <sup>a</sup>      | 1.6 <sup>a</sup>       | 2.7 <sup>a</sup>       | 11.0 <sup>a</sup>           | 14.6 <sup>a</sup>                            |
| 31 to 50.99 km                     | 3.6                | 39.3 <sup>a</sup>       | 38.1 <sup>a</sup>      | 1.6 <sup>a</sup>       | 3.9 <sup>a</sup>       | 10.3 <sup>a</sup>           | 11.8 <sup>a</sup>                            |
| 51 to 99.99 km                     | 2.2                | 59.9 <sup>a</sup>       | 68.5 <sup>a</sup>      | 1.8 <sup>a</sup>       | 6.9 <sup>a</sup>       | 10.0 <sup>a</sup>           | 9.2 <sup>a</sup>                             |
| 100 km or More                     | 1.1                | 114.1 <sup>a</sup>      | 160.4 <sup>a</sup>     | 2.1 <sup>a</sup>       | 16.4 <sup>a</sup>      | 10.2 <sup>a</sup>           | 6.2 <sup>a</sup>                             |
| <i>by Vehicle Occupancy</i>        |                    |                         |                        |                        |                        |                             |                                              |
| Unknown                            | N/A                | 8.3 <sup>a</sup>        | 5.0 <sup>a</sup>       | 1.0 <sup>a</sup>       | 0.6 <sup>a</sup>       | 12.0 <sup>a</sup>           | 33.5 <sup>a</sup>                            |
| Driver Only                        | N/A                | 11.7 <sup>a</sup>       | 8.0 <sup>a</sup>       | 1.0 <sup>a</sup>       | 0.9 <sup>a</sup>       | 13.3 <sup>a</sup>           | 27.7 <sup>a</sup>                            |
| Driver and 1 Passenger             | N/A                | 16.2 <sup>a</sup>       | 12.1 <sup>a</sup>      | 2.0 <sup>a</sup>       | 1.4 <sup>a</sup>       | 14.3 <sup>a</sup>           | 24.4 <sup>a</sup>                            |
| Driver and 2+ Passengers           | N/A                | 19.4 <sup>a</sup>       | 15.4 <sup>a</sup>      | 3.6 <sup>a</sup>       | 1.8 <sup>a</sup>       | 14.7 <sup>a</sup>           | 25.8 <sup>a</sup>                            |

Notes: N/A= Not applicable.

1 Idling refers to a vehicle with a running engine that is not in motion. This includes time when a vehicle is stopped at a stop light.

2 Community involvement includes volunteering, attending religious services, voting, or other.

The Canadian Vehicle Use Study in 2015 has data only for the following participating provinces: Quebec, Ontario, Manitoba, Saskatchewan, and Prince Edward Island.

Light vehicles are defined as those less than 4,500 kilograms.

Coefficient of Variation (CV): a: less than 5%, b: between 5% and 10%, c: between 10% and 15%, d: between 15% and 20%, and e: 20% and greater.

Data with a CV higher than 20% is not being published in this addendum due to its lack of reliability.

Source: Transport Canada, Canadian Vehicle Use Study, special tabulations

**Table RO6: Canadian Vehicle Use Study Trucking Statistics, Annual Averages Per Vehicle, 2015**

|                                  | ----- Annual Averages Per Vehicle----- |                                |                                 | ----- Per Vehicle Ratios -----          |                                        |                                                        |
|----------------------------------|----------------------------------------|--------------------------------|---------------------------------|-----------------------------------------|----------------------------------------|--------------------------------------------------------|
|                                  | <i>Fleet Size<br/>(thousands)</i>      | <i>Travel Time<br/>(hours)</i> | <i>Distance<br/>Driven (Km)</i> | <i>Distance Driven<br/>Per Day (Km)</i> | <i>Fuel Consumption<br/>(L/100 Km)</i> | <i>Percentage of<br/>Time Spent Idling<sup>1</sup></i> |
| <b>2015 Total</b>                | <b>468</b>                             | <b>1,398<sup>c</sup></b>       | <b>44,876<sup>b</sup></b>       | <b>171.9<sup>a</sup></b>                | <b>48.2<sup>a</sup></b>                | <b>42.4<sup>a</sup></b>                                |
| <i>by Participating Province</i> |                                        |                                |                                 |                                         |                                        |                                                        |
| Quebec                           | 135                                    | 1,284 <sup>b</sup>             | 46,535 <sup>c</sup>             | 175.3 <sup>a</sup>                      | 50.8 <sup>b</sup>                      | 39.4 <sup>a</sup>                                      |
| Ontario                          | 229                                    | 1,581 <sup>d</sup>             | 47,347 <sup>b</sup>             | 171.1 <sup>a</sup>                      | 44.0 <sup>a</sup>                      | 41.6 <sup>a</sup>                                      |
| Manitoba                         | 46                                     | -- <sup>e</sup>                | -- <sup>e</sup>                 | 229.7 <sup>c</sup>                      | 50.6 <sup>c</sup>                      | 45.4 <sup>b</sup>                                      |
| Saskatchewan                     | 55                                     | -- <sup>e</sup>                | -- <sup>e</sup>                 | 114.1 <sup>c</sup>                      | 57.4 <sup>c</sup>                      | 51.2 <sup>b</sup>                                      |
| <i>by Age of the Vehicle</i>     |                                        |                                |                                 |                                         |                                        |                                                        |
| Less than 4 Years                | 81                                     | 1,997 <sup>b</sup>             | 80,741 <sup>b</sup>             | 283.8 <sup>a</sup>                      | 42.5 <sup>b</sup>                      | 35.3 <sup>b</sup>                                      |
| 4-8 Years                        | 110                                    | 1,521 <sup>c</sup>             | 52,196 <sup>c</sup>             | 199.2 <sup>a</sup>                      | 49.9 <sup>b</sup>                      | 39.5 <sup>a</sup>                                      |
| 9 Years or More                  | 277                                    | -- <sup>e</sup>                | 27,114 <sup>c</sup>             | 95.7 <sup>a</sup>                       | 50.6 <sup>b</sup>                      | 46.7 <sup>a</sup>                                      |
| <i>by Vehicle Weight</i>         |                                        |                                |                                 |                                         |                                        |                                                        |
| 4.5 to 10 Tonnes                 | 138                                    | 632 <sup>c</sup>               | 17,997 <sup>c</sup>             | 69 <sup>b</sup>                         | 42.6 <sup>b</sup>                      | 42.9 <sup>a</sup>                                      |
| 10 to 15 Tonnes                  | 52                                     | 906 <sup>c</sup>               | 28,771 <sup>d</sup>             | 102 <sup>a</sup>                        | 38.6 <sup>d</sup>                      | 42.9 <sup>b</sup>                                      |
| More than 15 Tonnes              | 278                                    | 1,865 <sup>c</sup>             | 61,045 <sup>b</sup>             | 231 <sup>a</sup>                        | 51.8 <sup>a</sup>                      | 42.1 <sup>a</sup>                                      |
| <i>by Truck Configuration</i>    |                                        |                                |                                 |                                         |                                        |                                                        |
| Straight Truck                   | N/A                                    | 906 <sup>c</sup>               | 28,525 <sup>c</sup>             | 133.0 <sup>b</sup>                      | 46.9 <sup>b</sup>                      | 44.4 <sup>a</sup>                                      |
| Tractor & Trailer                | N/A                                    | 2,248 <sup>c</sup>             | 102,833 <sup>c</sup>            | 414.7 <sup>b</sup>                      | 48.5 <sup>b</sup>                      | 37.7 <sup>b</sup>                                      |

Notes: N/A = Not available.

1 Idling refers to a vehicle with a running engine that is not in motion. This includes time when a vehicle is stopped at a stop light.

The Canadian Vehicle Use Study in 2015 has data only for the following participating provinces: Quebec, Ontario, Manitoba, Saskatchewan, and Prince Edward Island. PEI data are included in the national estimates, but have been suppressed in the Participating Province section due to a low sample size.

Trucks are defined as those greater than 4,500 kilograms.

Coefficient of Variation (CV): a: less than 5%, b: between 5% and 10%, c: between 10% and 15%, d: between 15% and 20%, and e: 20% and greater.

Data with a CV higher than 20% is not being published in this addendum due to its lack of reliability.

Source: Transport Canada, Canadian Vehicle Use Study, special tabulations

**Table RO7: Annual Trucking Bankruptcies by Region, 2009–2018**

| <i>Year</i> | <i>Atlantic<br/>Provinces</i> | <i>Quebec</i> | <i>Ontario</i> | <i>Manitoba &amp;<br/>Saskatchewan</i> | <i>Alberta</i> | <i>British Columbia<br/>&amp; Territories</i> | <i>Total<br/>Trucking</i> | <i>Total<br/>Economy<sup>1</sup></i> |
|-------------|-------------------------------|---------------|----------------|----------------------------------------|----------------|-----------------------------------------------|---------------------------|--------------------------------------|
| 2009        | 31                            | 103           | 137            | 27                                     | 34             | 20                                            | 352                       | 5,420                                |
| 2010        | 11                            | 76            | 90             | 25                                     | 40             | 14                                            | 256                       | 4,072                                |
| 2011        | 8                             | 75            | 65             | 20                                     | 10             | 10                                            | 188                       | 3,643                                |
| 2012        | 8                             | 66            | 55             | 9                                      | 10             | 7                                             | 155                       | 3,236                                |
| 2013        | 11                            | 77            | 26             | 9                                      | 3              | 3                                             | 129                       | 3,187                                |
| 2014        | 8                             | 74            | 34             | 10                                     | 6              | 7                                             | 139                       | 3,116                                |
| 2015        | 6                             | 67            | 30             | 6                                      | 2              | 6                                             | 117                       | 3,089                                |
| 2016        | 5                             | 79            | 21             | 10                                     | 2              | 7                                             | 124                       | 2,884                                |
| 2017        | 6                             | 69            | 21             | 14                                     | 6              | 4                                             | 120                       | 2,700                                |
| 2018        | 9                             | 87            | 26             | 7                                      | 6              | 3                                             | 138                       | 2,677                                |

Notes: Truck transportation bankruptcies data are based on the North American Industry Classification System (NAICS). This table includes bankruptcies data related to NAICS 484 Truck transportation and NAICS 4884 Support activities for road transportation.

1 Total Economy include all business bankruptcies (consumer bankruptcies excluded).

Source: Industry Canada, Office of the Superintendent of Bankruptcy

**Table RO8: Traffic Volume by Canadian For-Hire Carriers, 2012–2016**

|                            | Metric Tonnes (Millions) |              |              |              |                   |                          | Tonne-Kilometres (Millions) |                |                |                |                   |                          |
|----------------------------|--------------------------|--------------|--------------|--------------|-------------------|--------------------------|-----------------------------|----------------|----------------|----------------|-------------------|--------------------------|
|                            | 2012                     | 2013         | 2014         | 2015         | 2016 <sup>P</sup> | Share 2016<br>in percent | 2012                        | 2013           | 2014           | 2015           | 2016 <sup>P</sup> | Share 2016<br>in percent |
| Intraprovincial            | 494.4                    | 518.3        | 550.2        | 545.3        | 579.0             | 76.6                     | 60,107                      | 64,760         | 77,589         | 85,221         | 92,906            | 31.5                     |
| Interprovincial            | 78.5                     | 74.6         | 78.0         | 81.9         | 74.0              | 9.8                      | 82,936                      | 79,161         | 82,971         | 82,960         | 79,467            | 27.0                     |
| <b>Total Domestic</b>      | <b>572.9</b>             | <b>592.9</b> | <b>628.3</b> | <b>627.2</b> | <b>653.0</b>      | <b>86.4</b>              | <b>143,043</b>              | <b>143,921</b> | <b>160,561</b> | <b>168,181</b> | <b>172,373</b>    | <b>58.5</b>              |
| Exports                    | 45.6                     | 53.0         | 55.8         | 55.3         | 68.2              | 9.0                      | 46,255                      | 52,230         | 52,983         | 55,503         | 79,216            | 26.9                     |
| Imports                    | 43.4                     | 44.8         | 46.5         | 46.7         | 34.3              | 4.5                      | 52,197                      | 55,236         | 55,024         | 53,712         | 43,126            | 14.6                     |
| <b>Total International</b> | <b>89.0</b>              | <b>97.8</b>  | <b>102.3</b> | <b>102.0</b> | <b>102.5</b>      | <b>13.6</b>              | <b>98,452</b>               | <b>107,466</b> | <b>108,008</b> | <b>109,215</b> | <b>122,342</b>    | <b>41.5</b>              |
| <b>Total</b>               | <b>661.9</b>             | <b>690.8</b> | <b>730.6</b> | <b>729.2</b> | <b>755.5</b>      | <b>100.0</b>             | <b>241,495</b>              | <b>251,387</b> | <b>268,568</b> | <b>277,396</b> | <b>294,716</b>    | <b>100.0</b>             |

Notes: R= Revised data. P= Preliminary data. N/A= Not available.

Source: Statistics Canada, Trucking Commodity Origin and Destination (TCOD) Survey

**Table RO9: Canadian International Trade Value Shipped by Trucks, by Commodity Groups, 2017–2018**

| (Millions of dollars)                                 |                   |              |                   |              |
|-------------------------------------------------------|-------------------|--------------|-------------------|--------------|
| (Total Exports by trucks)                             |                   |              |                   |              |
| Commodity Categories                                  | 2017 <sup>R</sup> | % Share      | 2018 <sup>P</sup> | % Share      |
| Automobiles, parts and other transportation equipment | 45,453            | 20.7         | 43,273            | 19.1         |
| Machinery and electrical equipment                    | 39,546            | 18.0         | 42,662            | 18.8         |
| Other manufactured and miscellaneous goods            | 35,776            | 16.3         | 35,630            | 15.7         |
| Agricultural and food products                        | 29,769            | 13.5         | 30,849            | 13.6         |
| Chemical products, plastics and rubber                | 27,556            | 12.5         | 29,864            | 13.2         |
| Base metals and articles thereof                      | 20,396            | 9.3          | 21,581            | 9.5          |
| Wood and paper products                               | 14,085            | 6.4          | 14,240            | 6.3          |
| Non-metallic minerals, coal and stone products        | 3,102             | 1.4          | 3,254             | 1.4          |
| Waste and scrap material                              | 2,546             | 1.2          | 2,746             | 1.2          |
| Petroleum products, LNG and other fuels               | 1,712             | 0.8          | 2,165             | 1.0          |
| Metallic ores                                         | 156               | 0.1          | 151               | 0.1          |
| <b>Total Exports by Trucks</b>                        | <b>220,096</b>    | <b>100.0</b> | <b>226,414</b>    | <b>100.0</b> |
| Destination: United States                            | 214,608           | 97.5         | 220,089           | 97.2         |
| Destination: Mexico                                   | 3,064             | 1.4          | 3,415             | 1.5          |
| Destination: Other Countries                          | 2,424             | 1.1          | 2,910             | 1.3          |
| (Total Imports by trucks) <sup>1</sup>                |                   |              |                   |              |
| Commodity Categories                                  | 2017 <sup>R</sup> | % Share      | 2018 <sup>P</sup> | % Share      |
| Machinery and electrical equipment                    | 92,648            | 30.3         | 96,371            | 30.7         |
| Automobiles, parts and other transportation equipment | 55,403            | 18.1         | 57,165            | 18.2         |
| Other manufactured and miscellaneous goods            | 42,157            | 13.8         | 42,790            | 13.6         |
| Chemical products, plastics and rubber                | 41,250            | 13.5         | 42,112            | 13.4         |
| Agricultural and food products                        | 32,146            | 10.5         | 31,879            | 10.2         |
| Base metals and articles thereof                      | 21,869            | 7.1          | 22,258            | 7.1          |
| Wood and paper products                               | 10,500            | 3.4          | 10,462            | 3.3          |
| Non-metallic minerals, coal and stone products        | 4,962             | 1.6          | 4,878             | 1.6          |
| Petroleum products, LNG and other fuels               | 2,546             | 0.8          | 2,929             | 0.9          |
| Waste and scrap material                              | 2,455             | 0.8          | 2,650             | 0.8          |
| Metallic ores                                         | 248               | 0.1          | 274               | 0.1          |
| <b>Total Imports by Trucks<sup>1</sup></b>            | <b>306,183</b>    | <b>100.0</b> | <b>313,768</b>    | <b>100.0</b> |
| Origin: United States                                 | 203,235           | 66.4         | 208,768           | 66.5         |
| Origin: Mexico                                        | 23,065            | 7.5          | 25,140            | 8.0          |
| Origin: Other Countries                               | 79,884            | 26.1         | 79,860            | 25.5         |

Notes: R= Revised data. P= Preliminary data. LNG= Liquefied natural gas.

1 Imports by trucks from other countries than the United States are overestimated. In the case of imports, the mode of transport represents the last mode by which the cargo was transported to the port of clearance in Canada and is derived from the cargo control documents of customs. This may not be the mode of transport by which the cargo arrived at the Canadian port of entry in the case of inland clearance. This may, therefore, lead to some underestimation of Canadian imports by the marine and air transport modes.

Source: Transport Canada, adapted from Statistics Canada, International Trade database

**Table RO10: Canada's Road Trade with the United States, by Busiest Border Crossing Points, 2017–2018**

| <i>Border Crossing Point</i>      | (Millions of dollars)                   |                                         |                                             |                                             |                                  |                               | <i>Cumulative Share in Per Cent 2018</i> |
|-----------------------------------|-----------------------------------------|-----------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------|-------------------------------|------------------------------------------|
|                                   | <i>Exports by Road 2018<sup>p</sup></i> | <i>Imports by Road 2018<sup>p</sup></i> | <i>Total Trade by Road 2018<sup>p</sup></i> | <i>Total Trade by Road 2017<sup>r</sup></i> | <i>Percentage Change 2018/17</i> | <i>Share in Per Cent 2018</i> |                                          |
| Windsor-Ambassador, Ontario       | 62,621                                  | 61,848                                  | 124,469                                     | 124,867                                     | (0.3)                            | 29.0                          | 29.0                                     |
| Fort Erie/Niagara Falls, Ontario  | 38,102                                  | 28,676                                  | 66,777                                      | 66,724                                      | 0.1                              | 15.6                          | 44.6                                     |
| Sarnia, Ontario                   | 37,438                                  | 29,229                                  | 66,666                                      | 63,844                                      | 4.4                              | 15.5                          | 60.1                                     |
| Lacolle, Quebec                   | 16,407                                  | 7,218                                   | 23,625                                      | 23,091                                      | 2.3                              | 5.5                           | 65.6                                     |
| Emerson, Manitoba                 | 9,930                                   | 12,670                                  | 22,599                                      | 19,717                                      | 14.6                             | 5.3                           | 70.9                                     |
| Pacific Highway, British Columbia | 10,347                                  | 10,440                                  | 20,787                                      | 19,539                                      | 6.4                              | 4.8                           | 75.8                                     |
| Lansdowne, Ontario                | 10,486                                  | 7,358                                   | 17,844                                      | 17,134                                      | 4.1                              | 4.2                           | 79.9                                     |
| Coutts, Alberta                   | 7,123                                   | 6,019                                   | 13,143                                      | 12,254                                      | 7.3                              | 3.1                           | 83.0                                     |
| North Portal, Saskatchewan        | 3,863                                   | 7,997                                   | 11,860                                      | 11,042                                      | 7.4                              | 2.8                           | 85.8                                     |
| Phillipsburg, Quebec              | 3,359                                   | 1,764                                   | 5,122                                       | 4,734                                       | 8.2                              | 1.2                           | 87.0                                     |
| Woodstock, New Brunswick          | 3,269                                   | 1,204                                   | 4,473                                       | 4,491                                       | (0.4)                            | 1.0                           | 88.0                                     |
| Huntingdon, British Columbia      | 2,762                                   | 1,566                                   | 4,328                                       | 4,212                                       | 2.7                              | 1.0                           | 89.0                                     |
| St. Stephen, New Brunswick        | 2,584                                   | 1,154                                   | 3,737                                       | 3,524                                       | 6.1                              | 0.9                           | 89.9                                     |
| Kingsgate, British Columbia       | 1,802                                   | 1,896                                   | 3,699                                       | 3,577                                       | 3.4                              | 0.9                           | 90.7                                     |
| Other crossing points             | 9,998                                   | 29,729                                  | 39,726                                      | 39,093                                      | 1.6                              | 9.3                           | 100.0                                    |
| <b>Total Road Trade</b>           | <b>220,089</b>                          | <b>208,768</b>                          | <b>428,857</b>                              | <b>417,843</b>                              | <b>2.6</b>                       | <b>100.0</b>                  |                                          |

Notes: R = Revised data. P = Preliminary data.

Source: Transport Canada, adapted from Statistics Canada, International Trade Database

**Table RO11: Twenty Busiest Border Crossings for Cars/Other Vehicles, 2014–2018**

| <i>2018 Rank</i>                  | <i>Border Crossing</i>                 | <i>Province</i> | <i>Two-Way Traffic Volume (millions of movements)</i> |              |              |              |              | <i>Share (%)</i> |              |              |              |              |
|-----------------------------------|----------------------------------------|-----------------|-------------------------------------------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|
|                                   |                                        |                 | <i>2014</i>                                           | <i>2015</i>  | <i>2016</i>  | <i>2017</i>  | <i>2018</i>  | <i>2014</i>      | <i>2015</i>  | <i>2016</i>  | <i>2017</i>  | <i>2018</i>  |
| 1                                 | Pacific Highway/Douglas                | B.C.            | 9.48                                                  | 8.19         | 7.63         | 7.76         | 8.35         | 15.4             | 15.0         | 14.6         | 14.8         | 15.4         |
| 2                                 | Windsor-Ambassador Bridge <sup>1</sup> | Ont.            | 4.42                                                  | 4.20         | 4.01         | 4.13         | 4.43         | 7.2              | 7.7          | 7.7          | 7.9          | 8.2          |
| 3                                 | Fort Erie - Peace Bridge               | Ont.            | 4.30                                                  | 4.16         | 4.13         | 4.11         | 4.10         | 7.0              | 7.6          | 7.9          | 7.8          | 7.6          |
| 4                                 | Detroit - Windsor Tunnel <sup>1</sup>  | Ont.            | 3.65                                                  | 3.90         | 4.15         | 4.04         | 3.67         | 5.9              | 7.2          | 8.0          | 7.7          | 6.8          |
| 5                                 | Sarnia - Blue Water Bridge             | Ont.            | 3.74                                                  | 3.19         | 3.02         | 2.99         | 3.07         | 6.1              | 5.8          | 5.8          | 5.7          | 5.7          |
| 6                                 | Niagara Falls - Queenston Bridge       | Ont.            | 2.98                                                  | 2.67         | 2.61         | 2.70         | 2.82         | 4.8              | 4.9          | 5.0          | 5.1          | 5.2          |
| 7                                 | Niagara Falls - Rainbow Bridge         | Ont.            | 2.91                                                  | 2.43         | 2.31         | 2.33         | 2.47         | 4.7              | 4.4          | 4.4          | 4.4          | 4.6          |
| 8                                 | Boundary Bay                           | B.C.            | 2.31                                                  | 2.00         | 1.83         | 1.86         | 2.06         | 3.7              | 3.7          | 3.5          | 3.5          | 3.8          |
| 9                                 | Huntingdon                             | B.C.            | 2.19                                                  | 1.80         | 1.61         | 1.62         | 1.86         | 3.6              | 3.3          | 3.1          | 3.1          | 3.4          |
| 10                                | Lacolle <sup>2</sup>                   | Que.            | 2.04                                                  | 1.91         | 1.83         | 1.82         | 1.83         | 3.3              | 3.5          | 3.5          | 3.5          | 3.4          |
| 11                                | Cornwall                               | Ont.            | 1.73                                                  | 1.62         | 1.59         | 1.66         | 1.68         | 2.8              | 3.0          | 3.1          | 3.2          | 3.1          |
| 12                                | Sault Ste. Marie                       | Ont.            | 1.71                                                  | 1.41         | 1.36         | 1.42         | 1.44         | 2.8              | 2.6          | 2.6          | 2.7          | 2.7          |
| 13                                | Lansdowne                              | Ont.            | 1.68                                                  | 1.23         | 1.20         | 1.17         | 1.18         | 2.7              | 2.2          | 2.3          | 2.2          | 2.2          |
| 14                                | Aldergrove                             | B.C.            | 1.36                                                  | 0.95         | 0.92         | 0.96         | 1.14         | 2.2              | 1.7          | 1.8          | 1.8          | 2.1          |
| 15                                | St. Stephen                            | N.B.            | 1.28                                                  | 1.07         | 1.02         | 1.02         | 1.08         | 2.1              | 2.0          | 2.0          | 1.9          | 2.0          |
| 16                                | Phillipsburg                           | Que.            | 0.89                                                  | 0.87         | 0.87         | 0.87         | 0.88         | 1.4              | 1.6          | 1.7          | 1.7          | 1.6          |
| 17                                | Rock Island <sup>3</sup>               | Que.            | 0.97                                                  | 0.85         | 0.78         | 0.79         | 0.80         | 1.6              | 1.6          | 1.5          | 1.5          | 1.5          |
| 18                                | Fort Frances                           | Ont.            | 0.91                                                  | 0.80         | 0.75         | 0.74         | 0.79         | 1.5              | 1.5          | 1.4          | 1.4          | 1.5          |
| 19                                | Edmundston                             | N.B.            | 0.94                                                  | 0.80         | 0.73         | 0.73         | 0.75         | 1.5              | 1.5          | 1.4          | 1.4          | 1.4          |
| 20                                | Prescott                               | Ont.            | 0.71                                                  | 0.58         | 0.58         | 0.61         | 0.62         | 1.1              | 1.1          | 1.1          | 1.2          | 1.1          |
| <b>Top 20 Crossings</b>           |                                        |                 | <b>50.20</b>                                          | <b>44.64</b> | <b>42.95</b> | <b>43.30</b> | <b>45.03</b> | <b>81.4</b>      | <b>81.9</b>  | <b>82.4</b>  | <b>82.6</b>  | <b>83.2</b>  |
| All other crossings               |                                        |                 | 11.48                                                 | 9.87         | 9.20         | 9.11         | 9.12         | 18.6             | 18.1         | 17.6         | 17.4         | 16.8         |
| <b>Total All Border Crossings</b> |                                        |                 | <b>61.68</b>                                          | <b>54.51</b> | <b>52.14</b> | <b>52.41</b> | <b>54.15</b> | <b>100.0</b>     | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> |

Notes: Two-way traffic volumes were estimated by doubling one-way flows northbound into Canada.

1 The data for the Windsor-Ambassador Bridge and Detroit-Windsor Tunnel presented here comes from a Transport Canada calculation and is not found directly in the source data. The sum of vehicle movements through all other Ontario border crossings is deducted from the Ontario total found in the source data. The proportions match those found in publically-available data from the Bridge & Tunnel Operators Association (BTOA).

2 Lacolle includes routes 15, 221 and 223.

3 Rock Island includes routes 55 and 143.

Source: Transport Canada, adapted from Statistics Canada, Table 24-10-0002-01

**Table RO12: Twenty Busiest Border Crossings for Trucks, 2014–2018**

| 2018<br>Rank                      | Border Crossing                        | Province | Two-Way Traffic Volume<br>(millions of movements) |              |              |              |              | Share (%)    |              |              |              |              |
|-----------------------------------|----------------------------------------|----------|---------------------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                   |                                        |          | 2014                                              | 2015         | 2016         | 2017         | 2018         | 2014         | 2015         | 2016         | 2017         | 2018         |
| 1                                 | Windsor-Ambassador Bridge <sup>1</sup> | Ont.     | 2.54                                              | 2.46         | 2.69         | 2.86         | 3.05         | 23.7         | 23.3         | 24.7         | 26.0         | 27.4         |
| 2                                 | Sarnia -Blue Water Bridge              | Ont.     | 1.64                                              | 1.62         | 1.70         | 1.61         | 1.56         | 15.3         | 15.4         | 15.6         | 14.6         | 14.0         |
| 3                                 | Fort Erie - Peace Bridge               | Ont.     | 1.23                                              | 1.21         | 1.19         | 1.14         | 1.11         | 11.5         | 11.4         | 10.9         | 10.3         | 10.0         |
| 4                                 | Niagara Falls - Queenston Bridge       | Ont.     | 0.71                                              | 0.72         | 0.75         | 0.79         | 0.79         | 6.7          | 6.9          | 6.9          | 7.2          | 7.1          |
| 5                                 | Pacific Highway/Douglas                | B.C.     | 0.79                                              | 0.81         | 0.78         | 0.78         | 0.79         | 7.4          | 7.7          | 7.1          | 7.1          | 7.1          |
| 6                                 | Lacolle <sup>2</sup>                   | Que.     | 0.53                                              | 0.56         | 0.54         | 0.55         | 0.57         | 5.0          | 5.3          | 5.0          | 5.0          | 5.1          |
| 7                                 | Emerson                                | Man.     | 0.41                                              | 0.41         | 0.41         | 0.42         | 0.42         | 3.9          | 3.8          | 3.7          | 3.8          | 3.7          |
| 8                                 | Lansdowne                              | Ont.     | 0.33                                              | 0.35         | 0.38         | 0.37         | 0.38         | 3.1          | 3.3          | 3.5          | 3.4          | 3.4          |
| 9                                 | Coutts                                 | Alb.     | 0.33                                              | 0.25         | 0.25         | 0.25         | 0.26         | 3.1          | 2.3          | 2.3          | 2.3          | 2.3          |
| 10                                | North Portal                           | Sas.     | 0.24                                              | 0.22         | 0.21         | 0.23         | 0.24         | 2.3          | 2.1          | 1.9          | 2.1          | 2.2          |
| 11                                | Rock Island <sup>3</sup>               | Que.     | 0.17                                              | 0.17         | 0.18         | 0.18         | 0.18         | 1.6          | 1.6          | 1.7          | 1.6          | 1.6          |
| 12                                | Phillipsburg                           | Que.     | 0.19                                              | 0.19         | 0.18         | 0.18         | 0.18         | 1.7          | 1.8          | 1.7          | 1.6          | 1.6          |
| 13                                | Huntingdon                             | B.C.     | 0.17                                              | 0.21         | 0.19         | 0.19         | 0.18         | 1.6          | 2.0          | 1.8          | 1.8          | 1.6          |
| 14                                | Woodstock                              | N.B.     | 0.09                                              | 0.09         | 0.10         | 0.11         | 0.12         | 0.9          | 0.9          | 0.9          | 1.0          | 1.0          |
| 15                                | St. Stephen                            | N.B.     | 0.10                                              | 0.10         | 0.10         | 0.10         | 0.11         | 0.9          | 0.9          | 0.9          | 0.9          | 1.0          |
| 16                                | Kingsgate                              | B.C.     | 0.12                                              | 0.11         | 0.12         | 0.11         | 0.10         | 1.1          | 1.0          | 1.1          | 1.0          | 0.9          |
| 17                                | Aldergrove                             | B.C.     | 0.02                                              | 0.02         | 0.08         | 0.09         | 0.09         | 0.2          | 0.2          | 0.7          | 0.8          | 0.9          |
| 18                                | Sault Ste. Marie                       | Ont.     | 0.10                                              | 0.09         | 0.09         | 0.09         | 0.08         | 0.9          | 0.8          | 0.8          | 0.8          | 0.7          |
| 19                                | Prescott                               | Ont.     | 0.06                                              | 0.06         | 0.06         | 0.07         | 0.07         | 0.5          | 0.6          | 0.5          | 0.6          | 0.6          |
| 20                                | Osoyoos                                | B.C.     | 0.07                                              | 0.06         | 0.06         | 0.06         | 0.06         | 0.7          | 0.6          | 0.5          | 0.5          | 0.5          |
| <b>Top 20 Crossings</b>           |                                        |          | <b>9.85</b>                                       | <b>9.70</b>  | <b>10.04</b> | <b>10.18</b> | <b>10.32</b> | <b>91.8</b>  | <b>91.9</b>  | <b>92.1</b>  | <b>92.3</b>  | <b>92.6</b>  |
| All other crossings               |                                        |          | 0.87                                              | 0.86         | 0.86         | 0.84         | 0.82         | 8.2          | 8.1          | 7.9          | 7.7          | 7.4          |
| <b>Total All Border Crossings</b> |                                        |          | <b>10.72</b>                                      | <b>10.56</b> | <b>10.90</b> | <b>11.03</b> | <b>11.15</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> |

Notes: Two-way traffic volumes were estimated by doubling one-way flows northbound into Canada.

1 The data for the Windsor-Ambassador Bridge presented here comes from a Transport Canada calculation and is not found directly in the source data. The sum of vehicle movements through all other Ontario border crossings is deducted from the Ontario total found in the source data.

2 Lacolle includes routes 15, 221 and 223.

3 Rock Island includes routes 55 and 143.

Source: Transport Canada, adapted from Statistics Canada, Table 24-10-0002-01

**Table RO13: Border Wait Times for Southbound Trucks at Selected Crossings, 2018**

| Border Name                          | Median Border<br>Waiting Times<br>(Minutes) | Median Border<br>Waiting Times<br>(3 year average) | 95th percentile<br>Wait Time<br>(Minutes) | 95th percentile<br>Wait Time<br>(3 year average) |
|--------------------------------------|---------------------------------------------|----------------------------------------------------|-------------------------------------------|--------------------------------------------------|
| St. Stephen, NB                      | 5.3                                         | 6.5                                                | 15.7                                      | 18.5                                             |
| Rock Island, QC                      | 6.6                                         | 11.8                                               | 24.9                                      | 33.8                                             |
| Lacolle, QC                          | 13.1                                        | 12.2                                               | 34.3                                      | 30.4                                             |
| Lansdowne, ON                        | 16.5                                        | 16.6                                               | 32.5                                      | 33.1                                             |
| Niagara Falls, ON - Queenston Bridge | 14.2                                        | 12.9                                               | 41.8                                      | 39.7                                             |
| Fort Erie, ON - Peace Bridge         | 10.2                                        | 10.7                                               | 34.0                                      | 41.7                                             |
| Windsor-Ambassador Bridge, ON        | 14.4                                        | 14.7                                               | 44.3                                      | 42.8                                             |
| Sarnia, ON                           | 16.5                                        | 15.4                                               | 37.1                                      | 35.3                                             |
| Sault Ste. Marie, ON                 | 8.2                                         | 12.9                                               | 21.4                                      | 30.4                                             |
| Emerson, MB                          | 13.4                                        | 14.8                                               | 25.7                                      | 28.5                                             |
| North Portal, SK                     | 9.1                                         | 11.8                                               | 21.9                                      | 26.9                                             |
| Coutts, AB                           | 12.9                                        | 11.6                                               | 28.3                                      | 28.3                                             |
| Huntingdon, BC                       | 12.0                                        | 14.0                                               | 29.3                                      | 33.2                                             |
| Pacific Highway, BC                  | 15.1                                        | 15.7                                               | 43.2                                      | 45.4                                             |

Source: Transport Canada

**Table RO14: Bus Industry Revenues by Service Lines, 2007–2016**

|                                                     | 2007          | 2008          | 2009          | 2010          | 2011          | 2012          | 2013          | 2014          | 2015R         | 2016P         | 2007-2016<br>CAGR<br>(Per cent) |
|-----------------------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------------------|
| <b>Number of companies</b>                          |               |               |               |               |               |               |               |               |               |               |                                 |
| Urban transit systems <sup>1</sup>                  | 78            | 84            | 88            | 86            | 85            | 87            | 85            | 88            | 92            | 96            | 2.3                             |
| Interurban and rural bus transportation             | 24            | 26            | 20            | 20            | 18            | 22            | 18            | 17            | 13            | 13            | (6.6)                           |
| School and employee bus transportation              | 964           | 910           | 915           | 1,020         | 749           | 751           | 542           | 531           | 491           | 488           | (7.3)                           |
| Charter and sightseeing bus industries <sup>2</sup> | 174           | 152           | 140           | 152           | 140           | 155           | 148           | 141           | 127           | 118           | (4.2)                           |
| Other transit and ground passenger transportation   | 204           | 213           | 206           | 189           | 174           | 231           | 258           | 247           | 213           | 347           | 6.1                             |
| <b>Total</b>                                        | <b>1,444</b>  | <b>1,385</b>  | <b>1,369</b>  | <b>1,467</b>  | <b>1,166</b>  | <b>1,246</b>  | <b>1,051</b>  | <b>1,024</b>  | <b>936</b>    | <b>1,062</b>  | <b>(3.4)</b>                    |
| (Millions of dollars)                               |               |               |               |               |               |               |               |               |               |               |                                 |
| <b>Revenues by NAICS Industry<sup>3</sup></b>       |               |               |               |               |               |               |               |               |               |               |                                 |
| Urban transit systems <sup>1</sup>                  | 7,446         | 9,006         | 10,564        | 11,254        | 12,155        | 12,340        | 12,700        | 13,678        | 14,987        | 15,147        | 8.2                             |
| Interurban and rural bus transportation             | 645           | 707           | 631           | 660           | 661           | 675           | 754           | 741           | 620           | 733           | 1.4                             |
| School and employee bus transportation              | 1,618         | 1,735         | 1,812         | 1,933         | 2,019         | 2,089         | 2,131         | 2,272         | 2,099         | 2,075         | 2.8                             |
| Charter and sightseeing bus industries <sup>2</sup> | 519           | 507           | 458           | 478           | 472           | 512           | 583           | 599           | 570           | 583           | 1.3                             |
| Other transit and ground passenger transportation   | 162           | 184           | 171           | 168           | 209           | 224           | 317           | 316           | 288           | 509           | 13.6                            |
| <b>Total</b>                                        | <b>10,390</b> | <b>12,139</b> | <b>13,635</b> | <b>14,494</b> | <b>15,516</b> | <b>15,839</b> | <b>16,485</b> | <b>17,605</b> | <b>18,563</b> | <b>19,047</b> | <b>7.0</b>                      |
| <b>Revenues by Business Line</b>                    |               |               |               |               |               |               |               |               |               |               |                                 |
| Urban transit services                              | 2,941         | 3,232         | 3,396         | 3,608         | 3,833         | 4,061         | 4,334         | 4,451         | 4,582         | 4,418         | 4.6                             |
| School Bus transportation                           | 1,346         | 1,412         | 1,456         | 1,488         | 1,559         | 1,548         | 1,756         | 1,876         | 1,727         | 1,666         | 2.4                             |
| Charters services                                   | 601           | 571           | 524           | 577           | 554           | 602           | 492           | 537           | 504           | 635           | 0.6                             |
| Shuttle & sightseeing services                      | 99            | 104           | 78            | 148           | 92            | 90            | 566           | 571           | 119           | 107           | 0.8                             |
| Scheduled Intercity services                        | 434           | 491           | 433           | 442           | 436           | 457           | 452           | 452           | 367           | 242           | (6.3)                           |
| Other passenger bus services                        | 140           | 180           | 205           | 201           | 301           | 378           | N/A           | N/A           | N/A           | N/A           | N/A                             |
| Other revenues                                      | 205           | 281           | 227           | 581           | 678           | 565           | 639           | 687           | 795           | 942           | 18.5                            |
| Parcels express delivery                            | 110           | 94            | 85            | 85            | 90            | 84            | 76            | 76            | 441           | 682           | 22.5                            |
| <b>Total</b>                                        |               |               |               |               |               |               |               |               |               |               |                                 |
| <b>(excluding government contributions)</b>         | <b>5,877</b>  | <b>6,366</b>  | <b>6,405</b>  | <b>7,130</b>  | <b>7,544</b>  | <b>7,785</b>  | <b>8,314</b>  | <b>8,648</b>  | <b>8,535</b>  | <b>8,692</b>  | <b>4.4</b>                      |
| Government contributions <sup>4</sup>               | 4,513         | 5,773         | 7,230         | 7,364         | 7,973         | 8,054         | 8,171         | 8,957         | 10,028        | 10,355        | 9.7                             |
| <b>Total</b>                                        | <b>10,390</b> | <b>12,139</b> | <b>13,635</b> | <b>14,494</b> | <b>15,516</b> | <b>15,839</b> | <b>16,485</b> | <b>17,605</b> | <b>18,563</b> | <b>19,047</b> | <b>7.0</b>                      |

Notes: R= Revised data. P= Preliminary data. N/A = Not available. CAGR= Compound Annual Growth Rate.

1 Including NAICS 485110 as well as urban transit activity in other industries.

2 Including NAICS 485510 and 487110.

3 NAICS= North American Industry Classification System. The Canadian passenger bus and urban transit industries are covered by 6 categories: 485110 - Urban Transit Systems; 485210 - Interurban and Rural bus transportation; 485410 - School and Employee bus transportation; 485510 - Charter bus industry; 485990 - Other Transit/ Ground Passenger transportation; and finally 487110 - Scenic and Sightseeing Transportation Land.

4 Including operating and capital government contributions for public transit bus services and school bus services.

Source: Statistics Canada, Table 23-10-0081-01

**Table RO15: Urban Transit Passengers Carried and Vehicle-Kilometres, 2008–2017**

(millions de voyageurs)

|                   | Urban Transit <sup>1</sup><br>Passengers | Urban Transit<br>Vehicle-Kilometres |
|-------------------|------------------------------------------|-------------------------------------|
| 2008              | 1,830.0                                  | 1,070.9                             |
| 2009              | 1,795.0                                  | 1,064.9                             |
| 2010              | 1,909.8                                  | 1,128.6                             |
| 2011              | 2,000.8                                  | 1,173.3                             |
| 2012              | 2,028.5                                  | 1,170.3                             |
| 2013              | 2,050.4                                  | 1,185.4                             |
| 2014              | 2,061.6                                  | 1,191.6                             |
| 2015              | 2,057.5                                  | 1,176.3                             |
| 2016 <sup>R</sup> | 2,030.1                                  | 1,185.7                             |
| 2017 <sup>P</sup> | 2,105.7                                  | 1,200.7                             |

Notes: R= Revised data. P= Preliminary data.

1 Passengers carried by urban transit operators only.

Sources: Transport Canada, special tabulation based on Canadian Urban Transit Association (CUTA)

**Table RO16: Urban Transit Fleet Composition, 2008–2017**

|                       | (Number of vehicles)    |               |               |               |               |               |               |               |               |               |
|-----------------------|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <i>Vehicle Type</i>   | <i>2008<sup>1</sup></i> | <i>2009</i>   | <i>2010</i>   | <i>2011</i>   | <i>2012</i>   | <i>2013</i>   | <i>2014</i>   | <i>2015</i>   | <i>2016</i>   | <i>2017</i>   |
| Standard motor bus    | 3,039 <sup>2</sup>      | 2,535         | 1,547         | 983           | 751           | 590           | 394           | 234           | 219           | 177           |
| Low floor bus         | 11,122 <sup>3</sup>     | 12,263        | 13,624        | 14,209        | 14,493        | 15,014        | 15,494        | 15,685        | 16,231        | 16,859        |
| Trolley coach         | 250                     | 249           | 249           | 249           | 249           | 249           | 252           | 247           | 262           | 289           |
| Light rail vehicle    | 460                     | 466           | 515           | 547           | 592           | 592           | 592           | 619           | 641           | 639           |
| Heavy rail vehicle    | 1,434                   | 1,434         | 1,434         | 1,506         | 1,596         | 1,528         | 1,480         | 1,552         | 1,575         | 1,567         |
| Commuter rail vehicle | 691                     | 707           | 714           | 557           | 554           | 574           | 574           | 942           | 930           | 666           |
| Other <sup>4</sup>    | 96                      | 103           | 111           | 77            | 71            | 74            | 76            | 115           | 128           | 89            |
| <b>Total Vehicles</b> | <b>17,092</b>           | <b>17,757</b> | <b>18,194</b> | <b>18,128</b> | <b>18,306</b> | <b>18,621</b> | <b>18,862</b> | <b>19,394</b> | <b>19,986</b> | <b>20,286</b> |

Notes: R= Revised data. N/A= Not Available.

1 New reporting system as of 2008 to diminish the reporting burden for carriers: e.g. Low floor characteristics no longer available as the accessible and non-accessible vehicle concept is confidential.

2 Number of non-accessible vehicles (bus), including all types of bus

3 Number of accessible vehicles (bus), including all types of bus

4 Including locomotives, ferries and other unspecified.

Source: Special tabulation based on Canadian Urban Transit Association (CUTA)

**Table RO17: Average Annual Compensation in the Bus Industry, 2007–2016**

|                                                                     | (Current dollars) |               |               |               |               |               |               |               |               |               |
|---------------------------------------------------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                                                     | <i>2007</i>       | <i>2008</i>   | <i>2009</i>   | <i>2010</i>   | <i>2011</i>   | <i>2012</i>   | <i>2013</i>   | <i>2014</i>   | <i>2015R</i>  | <i>2016P</i>  |
| Interurban bus transportation <sup>1</sup>                          | 53,157            | 64,833        | 61,383        | 72,085        | 72,150        | 77,968        | 88,450        | 83,874        | 80,267        | 81,290        |
| School bus transportation <sup>2</sup>                              | 22,486            | 23,879        | 25,210        | 28,522        | 28,749        | 27,898        | 28,694        | 26,720        | 25,193        | 26,017        |
| Charter and sightseeing <sup>3</sup>                                | 38,410            | 34,989        | 33,171        | 38,598        | 38,055        | 38,038        | 37,182        | 38,971        | 43,358        | 35,589        |
| Other transit-shuttle transportation <sup>4</sup>                   | 41,172            | 37,620        | 39,306        | 34,448        | 37,528        | 29,288        | 41,373        | 49,207        | 44,786        | 44,259        |
| Urban transit systems <sup>5</sup>                                  | 74,883            | 76,031        | 78,024        | 82,046        | 84,031        | 89,799        | 89,226        | 89,390        | 89,653        | 94,206        |
| <b>Total bus industries average annual compensation<sup>6</sup></b> | <b>52,983</b>     | <b>54,540</b> | <b>55,791</b> | <b>60,647</b> | <b>61,244</b> | <b>63,205</b> | <b>64,255</b> | <b>62,419</b> | <b>62,634</b> | <b>62,932</b> |

Notes: R= Revised data. P= Preliminary data. NAICS= North American Industry Classification System.

1 Interurban and Rural Bus Transportation, NAICS 485210.

2 School and Employee Bus Transportation, NAICS 485410.

3 Including 'Charter Bus Industry', NAICS 485510 and 'Scenic and Sightseeing Transportation Land', NAICS 487110.

4 Including Shuttle and Other Transit and Ground Passenger Transportation, NAICS 485990.

5 Urban Transit Systems, NAICS 485110.

6 Average Expenditure per employee.

Source: Statistics Canada, Table 23-10-0083-01

**Table RO18: Selected Provincial Systems Indicators, 2017**

|                                      | <i>Quebec</i> | <i>Ontario</i> | <i>Alberta</i> | <i>B.C.</i> | <i>Canada</i> |
|--------------------------------------|---------------|----------------|----------------|-------------|---------------|
| Price levels, (Canada=100)           | 68.8          | 123.5          | 76.7           | 107.0       | 100.0         |
| Total unit cost (Canada=100)         | 72.6          | 121.8          | 99.8           | 89.3        | 100.0         |
| Cost recovery (in %)                 | 36.7          | 39.3           | 29.8           | 46.4        | 38.8          |
| Revenue Shortfall per passenger (\$) | 2.5           | 4.5            | 3.9            | 2.8         | 3.6           |

Source: Transport Canada, based on Statistics Canada and CUTA information