

Table EN3: Transportation Energy Consumption, by Type and Mode, 2013–2022

(Petajoules, except where indicated)

	2013 ^R	2014 ^R	2015 ^R	2016 ^R	2017 ^R	2018 ^R	2019 ^R	2020 ^R	2021 ^R	2022 ^P
Overall final energy demand (all sectors and fuels)¹	8,128	8,217	8,204	8,163	8,466	8,849	8,955	8,005	8,242	8,585
Transportation²	2,594	2,553	2,533	2,528	2,608	2,699	2,724	2,133	2,229	2,384
<i>Transportation share of overall demand (per cent)</i>	31.9	31.1	30.9	31.0	30.8	30.5	30.4	26.6	27.0	27.8
Transportation subtotals by mode										
Railways	94	96	91	84	96	98	99	92	90	90
Airlines	249	246	252	257	281	318	319	143	155	254
Marine	94	84	77	67	72	73	84	75	74	74
Road transport and urban transit³	427	435	414	376	376	393	370	317	339	359
Retail pump sales	1,676	1,649	1,649	1,690	1,707	1,733	1,762	1,429	1,487	1,521
Manufacturing/Commercial fleets	54	43	49	54	77	84	90	77	84	85
Transportation Demand: Breakdown by fuel and mode⁴										
Gasoline										
Retail pump sales	1,362	1,340	1,369	1,424	1,432	1,453	1,481	1,189	1,224	1,246
Road transport, urban transit and other fleets⁵	80	79	85	81	87	87	81	62	65	66
Diesel										
Retail pump sales	313	306	277	264	272	276	278	236	260	271
Road transport, urban transit and other fleets⁵	382	380	361	329	347	371	360	315	339	360
Railways	93	95	91	83	95	97	98	91	90	90
Marine	30	29	33	33	33	34	38	38	36	36
Natural gas										
Retail pump sales and fleets	1	4	4	4	5	5	5	5	4	5
Gas plant natural gas liquids (NGL's)										
Road transport and urban transit³	12	10	11	12	12	12	12	10	11	12
Electricity										
Road transport and urban transit³	4	4	4	4	4	4	5	5	5	4
Aviation fuels										
Aviation turbo fuels	248	244	250	256	279	316	317	141	153	252
Aviation gasoline	1	1	2	2	2	2	2	2	2	2
Heavy fuel oils										
Marine	59	51	41	N/A	37	39	45	36	37	37
Other fuels										
Air, marine, rail and road transport	8	8	6	36	4	3	3	3	3	3

Notes and Sources

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. Supply and demand of primary and secondary energy in terajoules, annual. Table: 25-10-0029-01