

Table RA10: Dangerous Goods Shipments on Rail, 2014–2023

	(Thousands of tonnes)									
	2014	2015	2016	2017	2018	2019	2020	2021	2022 ^R	2023 ^P
Petroleum Products										
Crude Oil ¹	16,517	12,554	6,087	7,750	12,734	15,401	8,517	7,375	3,801	2,077
Ethanol or Ethanol Mix ²	6,704	5,781	5,814	6,076	6,672	7,072	6,307	6,847	6,283	6,170
All Other Petroleum Products ^{3,4}	17,296	17,754	19,434	21,394	23,490	24,961	22,321	24,423	29,457	30,746
Dangerous Goods										
Minerals, Ores & Concentrates	2,013	2,226	1,845	1,776	2,237	2,086	2,008	2,139	1,923	1,770
Other Manufactured & Miscellaneous Goods	876	775	707	737	745	754	683	652	666	702
Petroleum Products ⁵	30,372	26,965	22,036	25,491	32,389	37,504	28,344	28,833	27,264	26,782
Plastic & Chemical Products ⁵	13,230	12,261	11,786	12,048	12,925	12,485	11,534	12,017	10,347	10,114
Waste & Scrap	249	209	217	298	323	357	292	297	261	269
Other Commodities ⁵	1,637	1,669	1,862	1,770	1,475	1,428	1,345	1,422	1,672	1,962
Total	48,378	44,105	38,452	42,120	50,094	54,613	44,206	45,359	42,132	41,599
All Goods										
All Dangerous Goods	48,378	44,105	38,452	42,120	50,094	54,613	44,206	45,359	42,132	41,599
Non-Dangerous Goods	260,775	260,803	254,470	269,582	278,454	275,637	277,564	275,545	273,316	284,263
Grand Total	309,153	304,908	292,922	311,702	328,548	330,250	321,770	320,904	315,448	325,861
Dangerous Goods Share of Grand Total (%)	15.6	14.5	13.1	13.5	15.2	16.5	13.7	14.1	13.4	12.8
	(Number of Carloads)									
	2014	2015	2016	2017	2018	2019	2020	2021	2022 ^R	2023 ^P
Petroleum Products										
Crude Oil ¹	193,358	146,633	72,064	91,589	147,351	180,870	101,577	87,457	45,588	24,546
Ethanol or Ethanol Mix ²	83,083	72,173	72,283	75,120	82,087	87,622	78,280	84,153	78,482	77,427
All Other Petroleum Products ^{3,4}	237,859	246,772	271,726	298,472	326,338	348,731	312,851	346,634	407,153	415,138
Dangerous Goods										
Minerals, Ores & Concentrates	22,386	24,914	20,806	20,286	25,104	23,219	22,518	24,258	21,444	20,005
Other Manufactured & Miscellaneous Goods	27,570	24,572	22,981	23,424	23,758	23,337	21,820	20,748	21,124	22,396
Petroleum Products ⁵	386,408	349,193	297,632	344,282	426,016	494,043	382,973	395,561	378,107	365,965
Plastic & Chemical Products ⁵	162,873	152,894	147,868	152,011	161,341	156,232	145,222	151,755	132,503	128,931
Waste & Scrap	3,958	3,041	3,283	4,433	4,678	5,435	4,273	4,356	3,698	3,893
Other Commodities ⁵	21,918	21,926	23,268	22,188	18,954	18,343	17,866	18,427	21,731	24,896
Total	625,113	576,539	515,837	566,624	659,851	720,609	594,670	615,105	578,608	566,086
All Goods										
All Dangerous Goods	625,113	576,539	515,837	566,624	659,851	720,609	594,670	615,105	578,608	566,086
Non-Dangerous Goods	4,023,134	4,100,971	4,043,632	4,351,110	4,460,245	4,438,664	4,360,011	4,325,054	4,303,334	4,307,615
Grand Total	4,648,247	4,677,510	4,559,469	4,917,734	5,120,096	5,159,272	4,954,681	4,940,160	4,881,942	4,873,701
Dangerous Goods Share of Grand Total (%)	13.4	12.3	11.3	11.5	12.9	14.0	12.0	12.5	11.9	11.6

Notes and Sources

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