

Table EN10: Rail Greenhouse Gas Emission Intensity, by Type of Operation, 2010–2021

<i>Railway Operation</i>	<i>Units</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>2019</i>	<i>2020</i>	<i>2021</i>
Class I Freight	kg CO₂ eq/1,000 RTK	16.34	16.08	15.72	14.88	14.36	14.06	13.51	13.56	13.45	13.49	12.91	12.76
Regional and Short Lines	kg CO₂ eq/1,000 RTK	14.6	14.51	12.51	12.56	14.15	13.15	12.16	14.08	15.02	14.77	15.27	14.66
Intercity Passenger	kg CO₂ eq/Pax-Km	0.123	0.123	0.109	0.1	0.1	0.102	0.102	0.098	0.097	0.089	0.178	0.146
Commuter Rail	kg CO₂ eq/Pax	2.05	2.18	2.1	2.02	1.96	2.34	2.23	2.43	2.37	2.33	6.29	10.62

Notes and Sources

Notes: RTK = Revenue Tonne Kilometres. Pax-Km = Passenger-Kilometre.

Source: Railway Association of Canada, Locomotive Emissions Monitoring Report 2021