

Large Industry Facility GHG Emissions - Historical Data 2004-2024 (kt CO2 equivalent)

Facility	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Iron Ore Company of Canada	936	1,147	1,086	977	1,243	797	1,128	949	1,088	964	894	993	988	993	795	921	852	890	826	781	811
Wabush Mines	-	112	109	121	107	65	96	93	90	82	15	-	-	-	-	-	-	111	111	111	98
Voisey's Bay	-	-	-	-	-	60	67	88	84	88	85	88	87	89	80	100	111	138	148	174	181
Long Harbour Hydromet Operations	-	-	-	-	-	-	-	-	-	-	-	50	31	41	44	47	46	42	50	41	40
Tata Steel Minerals Canada Ltd	-	-	-	-	-	-	-	-	-	-	-	-	-	43	29	32	36	43	41	52	63
Valentine Gold Mine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
Braya Renewable Fuels (NL) LP (formerly NARL)	1,446	1,141	1,099	1,212	1,285	1,083	1,019	897	1,112	916	953	1,012	1,140	1,347	1,357	1,440	302	82	48	24	196
Holyrood Generating Station	1,300	1,069	629	1,019	867	774	672	734	716	797	1,097	1,183	1,327	1,400	909	1,082	846	624	655	608	593
Holyrood Combustion Turbine	-	-	-	-	-	-	-	-	-	-	-	-	-	74	61	9	-	25	-	1	12
Hibernia GBS	693	746	592	610	602	561	533	506	559	567	572	515	562	581	552	505	567	528	456	497	497
Terra Nova FPSO	893	919	379	760	624	572	608	605	394	522	642	548	561	630	590	520	46	-	-	149	666
White Rose / Sea Rose FPSO	-	136	960	646	561	479	437	394	374	514	549	535	446	418	358	258	362	331	317	273	6
Hebron GBS	-	-	-	-	-	-	-	-	-	-	-	-	-	28	477	602	505	486	430	353	438
Henry Goodrich MODU	-	-	-	-	-	-	-	-	-	-	-	-	-	29	24	22	-	-	-	-	-
Transocean Barents MODU	-	-	-	-	-	-	-	-	-	-	-	-	-	25	47	40	-	-	-	-	-
Corner Brook Pulp and Paper Limited	120	128	121	103	-	-	-	-	-	-	-	-	51	58	50	35	41	34	33	35	27
Robin Hood Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	33	39	37	31	50	45	74	73
5 Wing Goose Bay	-	-	-	-	-	-	-	-	-	-	-	-	-	21	22	21	18	18	19	17	18
Total	5,388	5,398	4,975	5,448	5,291	4,392	4,560	4,267	4,417	4,449	4,806	4,925	5,193	5,807	5,434	5,671	3,764	3,402	3,179	3,189	3,746

Industry	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Mining	936	1,259	1,195	1,098	1,351	922	1,291	1,130	1,263	1,134	993	1,131	1,106	1,166	948	1,100	1,046	1,223	1,176	1,157	1,219
Oil Refining	1,446	1,141	1,099	1,212	1,285	1,083	1,019	897	1,112	916	953	1,012	1,140	1,347	1,357	1,440	302	82	48	24	196
Electricity	1,300	1,069	629	1,019	867	774	672	734	716	797	1,097	1,183	1,327	1,474	969	1,091	846	649	655	609	606
Offshore Petroleum	1,586	1,801	1,931	2,016	1,787	1,612	1,577	1,506	1,326	1,603	1,763	1,599	1,569	1,710	2,049	1,947	1,479	1,345	1,202	1,272	1,607
Newsprint	120	128	121	103	-	-	-	-	-	-	-	-	51	58	50	35	41	34	33	35	27
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	54	61	58	49	68	64	92	91
Total	5,388	5,398	4,975	5,448	5,291	4,392	4,560	4,267	4,417	4,449	4,806	4,925	5,193	5,807	5,434	5,671	3,764	3,402	3,179	3,189	3,746

Source: Environment and Climate Change Canada (Greenhouse Gas Reporting Program). Data is collected under the authority of the Canadian Environmental Protection Act, 1999 and includes reported carbon dioxide, methane and nitrous oxide GHG emissions from stationary combustion, on-site mobile transportation, fugitives, venting, flaring, industrial processes and waste, as well as on-site use of HFCs, PFCs and SF6, on a carbon dioxide equivalent basis. The federal reporting program includes certain industries that are not regulated by the provincial Management of Greenhouse Gas Act such as, among others, waste management facilities. Minimum reporting thresholds were 100,000 tonnes (100 kilotonnes) from 2004 to 2008; from 2009 to 2016 the threshold was lowered to 50,000 tonnes (50 kilotonnes); and in 2017 the minimum threshold was lowered to 10,000 tonnes (10 kilotonnes). A facility could voluntarily report data if its GHG emissions fell below these thresholds. For ease of use, actual data on a per tonne basis has been reformatted to a kilotonne basis. The federal database is available at <https://climate-change.canada.ca/facility-emissions/>