



CANADA'S OIL & NATURAL GAS PRODUCERS

Emissions Performance Data

Production and emissions data based on conventional oil and natural gas production (all production in Canada excluding oil sands).

TOTAL	PRODUCTION			SCOPE 1 EMISSIONS			METHANE EMISSIONS			SCOPE 1 EMISSIONS INTENSITY			METHANE EMISSIONS INTENSITY		
	*Natgas/Cond/NGLs	Oil	Total	Natgas/Cond/NGLs	Oil	Total	Natgas/Cond/NGLs	Oil	Total	Natgas/Cond/NGLs	Oil	Total	Natgas/Cond/NGLs	Oil	Total
Year	mboe/d			Mt			Mt			kg CO2e/boe			kg CO2e/boe		
2012	2,977	1,312	4,288	64	36	100	25	23	47	59	76	64	23	47	30
2013	3,024	1,380	4,404	62	38	100	24	24	47	56	76	62	21	47	29
2014	3,152	1,445	4,597	62	40	102	24	26	50	54	76	61	21	49	30
2015	3,245	1,267	4,512	61	39	100	23	26	48	51	85	61	19	55	29
2016	3,645	1,186	4,831	57	35	91	21	23	44	42	80	52	16	52	25
2017	3,838	1,213	5,051	54	35	89	20	23	43	38	79	48	15	52	24
2018	4,035	1,273	5,308	56	35	91	20	23	43	38	76	47	14	49	22
2019	3,967	1,304	5,271	54	34	88	19	22	41	37	71	46	13	46	21
2020	3,871	1,198	5,069	49	26	76	16	16	32	35	60	41	11	37	17
2021	4,010	1,189	5,199	50	26	76	15	15	31	34	60	40	10	36	16

*Combined total of Natural Gas, Condensate and Natural Gas Liquids

Data Sources:

Canada's National Inventory Record (NIR)

https://data-donnees.ec.gc.ca/data/substances/monitor/canada-s-official-greenhouse-gas-inventory/B-Economic-Sector/EN_GHG_Econ_Can_Prov_Terr.csv

CCEI Crude Oil Production

<https://www.cer-rec.gc.ca/en/data-analysis/energy-commodities/crude-oil-petroleum-products/statistics/estimated-production-canadian-crude-oil-equivalent.xlsx>

Statistics Canada

<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=2510005501>
<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=2510004701>
<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=2510002601>

Updated September 5, 2023

Note: A previous version of this chart published miscalculated Scope 1 Emissions Intensity and Methane Emissions Intensity numbers. The data has been corrected and updated.