

Large Industry Facility GHG Emissions - Historical Data 2004-2023 (kt CO2 equivalent)

| Facility                                      | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  |
|-----------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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   |
| Wabush Mines                                  | -     | 112   | 109   | 121   | 107   | 65    | 96    | 93    | 90    | 82    | 15    | -     | -     | -     | -     | -     | -     | 111   | 111   | 111   |
| Voisey's Bay                                  | -     | -     | -     | -     | -     | 60    | 67    | 88    | 84    | 88    | 85    | 88    | 87    | 89    | 80    | 100   | 111   | 138   | 148   | 174   |
| Long Harbour Hydromet Operations              | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 50    | 31    | 41    | 44    | 47    | 46    | 42    | 50    | 41    |
| Tata Steel Minerals Canada Ltd                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 43    | 29    | 32    | 36    | 43    | 41    | 52    |
| 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    |
| 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   |
| Holyrood Combustion Turbine                   | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 74    | 61    | 9     | -     | 25    | -     | 1     |
| Hibernia GBS                                  | 693   | 746   | 592   | 610   | 602   | 561   | 533   | 506   | 559   | 567   | 572   | 515   | 562   | 581   | 552   | 505   | 567   | 528   | 456   | 497   |
| Terra Nova FPSO                               | 893   | 919   | 379   | 760   | 624   | 572   | 608   | 605   | 394   | 522   | 642   | 548   | 561   | 630   | 590   | 520   | 46    | -     | -     | 149   |
| White Rose / Sea Rose FPSO                    | -     | 136   | 960   | 646   | 561   | 479   | 437   | 394   | 374   | 514   | 549   | 535   | 446   | 418   | 358   | 258   | 362   | 331   | 317   | 273   |
| Hebron GBS                                    | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 28    | 477   | 602   | 505   | 486   | 430   | 353   |
| 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    |
| Robin Hood Bay                                | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 33    | 39    | 37    | 31    | 50    | 45    | 74    |
| 5 Wing Goose Bay                              | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 21    | 22    | 21    | 18    | 18    | 19    | 17    |
| 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 |

| Industry           | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  | 2012  | 2013  | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  | 2021  | 2022  | 2023  |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 |
| 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    |
| 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   |
| 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 |
| Newsprint          | 120   | 128   | 121   | 103   | -     | -     | -     | -     | -     | -     | -     | -     | 51    | 58    | 50    | 35    | 41    | 34    | 33    | 35    |
| Other              | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | -     | 54    | 61    | 58    | 49    | 68    | 64    | 92    |
| 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 |

**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/>