

Greenhouse Gas Emissions and Greenhouse Gas Intensity Indicators



NAICS 312120 Beverage and Tobacco Product Manuf. , Breweries (BAC production)

Notes: Physical Production values from Brewers Association of Canada. Emissions from waste fuels are not included in the Total GHG Emissions. Process emissions are included in Totals. 'XX' refers to confidential values, the sum of which appears on the 'Confidential' line. All units are in kilotonnes (kt CO₂e). Numbers in *ITALICS* are in THOUSANDS. PDF reports can only display 14 years of data. Some of the selected years will not be displayed.

Units: kt CO ₂ e	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total	339.17	249.34	234.50	245.45	249.94	246.88	261.45	205.04	226.72	197.18	156.09	144.97	141.20	119.81
Natural Gas	312.05	219.66	207.51	215.34	215.68	217.87	227.88	176.86	173.08	168.51	137.64	144.67	141.20	119.81
Heavy Fuel Oil	17.77	26.74	25.87	27.56	30.00	27.21	19.04	XX	26.93	XX	XX	XX	XX	XX
Middle Distillates	9.11	2.72	0.98	2.47	4.18	1.75	14.34	28.18	26.71	28.45	18.45	XX	XX	XX
Propane	0.25	0.21	0.14	0.08	0.07	0.05	0.19	XX	XX	0.22	XX	0.30	XX	XX
Confidential								XX	XX	XX	XX	XX	XX	XX

Activity Data	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Physical Units ('000 kl)	2,256	2,236	2,292	2,294	2,307	2,391	2,354	2,344	2,313	2,316	2,364	2,392	2,366	
Gross Output	4,533	4,499	4,410	4,452	4,642	4,416	4,215	4,042	4,329	4,594	4,623	4,759	4,874	4,820
GDP	2,458	2,372	2,225	2,282	2,291	2,278	2,144	2,113	2,338	2,488	2,381	2,243	2,338	2,312

Product: beer. **Note:** Gross Output, GDP in \$2002 million.

Intensity	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CO ₂ e (kt) / Unit ('000 kl)	0.150	0.112	0.102	0.107	0.108	0.103	0.111	0.087	0.098	0.085	0.066	0.061	0.060	
CO ₂ e (kt) / Output	0.075	0.055	0.053	0.055	0.054	0.056	0.062	0.051	0.052	0.043	0.034	0.030	0.029	0.025
CO ₂ e (kt) / GDP	0.138	0.105	0.105	0.108	0.109	0.108	0.122	0.097	0.097	0.079	0.066	0.065	0.060	0.052

Index (1990=1) based on:	1990	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Physical Units	1.000	0.742	0.681	0.712	0.721	0.687	0.739	0.582	0.652	0.566	0.439	0.403	0.397	
Output	1.000	0.741	0.711	0.737	0.720	0.747	0.829	0.678	0.700	0.574	0.451	0.407	0.387	0.332
GDP	1.000	0.762	0.764	0.779	0.791	0.785	0.884	0.703	0.703	0.574	0.475	0.468	0.438	0.376