

Total Energy Consumption

Energy consumption by sector in 2012

Primary energy consumption in PJ: 12394.30
 Secondary energy consumption in PJ: 8737.98

Population of Canada: 35848600

Population source: <http://www.statcan.gc.ca/tables-tableaux/sum-som/l01/cst01/demo02a-eng.htm>

Conversion from PJ to kWh: 2.78E+08

In not otherwise indicated, data form: materiale/EnergyFactBook2015-Eng_Web.pdf from Page 86 to 99

All values are taken from the secondary energy production, which excludes energy loss caused by conversion and energy sources that have been used for non energetic purposes such as petroleum in petrolchemical industry.

Sector	%	[PJ]	[kWh]	[kWh/gg]	[kWh/gg/p]
Residential	17%	1485.46	412.66E+09	1.16E+09	32.33
Commercial	12%	1048.56	291.29E+09	818.23E+06	22.82
Industrial	38%	3320.43	922.42E+09	2.59E+09	72.28
Transportation	30%	2621.39	728.22E+09	2.05E+09	57.06
Agriculture	3%	262.14	72.82E+09	204.56E+06	5.71
Total	100.00%	8737.98	2.43E+12	6.82E+09	190.20

Non electrical energy consumption by sector in 2012

In not otherwise indicated, data form:

data/calc/energy_consumption.ods
data/calc/electricity_consumption.ods

All values without units are indicated in kWh/gg/p

Sector	Total Energy Consumption	Electrical Energy Consumption	Non Electrical Energy Consumption
Residential	32.33	11.53	20.80
Commercial	22.82	11.31	11.51
Industrial	72.28	15.16	57.11
Transportation	57.06	0.08	56.98
Agriculture	5.71	0.70	5.01
Total	190.20	38.79	151.41