

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 Canda: 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](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
<b>Total</b>	<b>100.00%</b>	<b>8737.98</b>	<b>2.43E+12</b>	<b>6.82E+09</b>	<b>190.20</b>

## Non electrical energy consumption by sector in 2012

In not otherwise indicated, data form:

[data/calc/energy\\_consumption.ods](data/calc/energy_consumption.ods)  
[data/calc/electricity\\_consumption.ods](data/calc/electricity_consumption.ods)

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

<b>Sector</b>	<b>Total Energy Consumption</b>	<b>Electrical Energy Consumption</b>	<b>Non Electrical Energy Consumption</b>
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
<b>Total</b>	<b>190.20</b>	<b>38.79</b>	<b>151.41</b>

## Households consumption by source in 2013

Population of Canada:

35848600

Population Source:

<http://www.statcan.gc.ca/tables->

Conversion from GJ to kWh:

277.778

Conversion Source:

Google Unit Converter

If not otherwise indicated data  
from:

<data/raw/households/household>

Fuel	Consumption [GJ]	Households	Gigajoules per household	Percentage	[kWh]
Electricity	607027303	13955593	43.5	44.6	168.62E+09
Natural Gas	687813463	7256255	94.8	50.6	191.06E+09
Heating Oil	65689139	913782	71.9	4.8	18.25E+09

## Households Energy Consumption

tableaux/sum-som/l01/cst01/demo02a-eng.htm

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<b>[ kWh/gg ]</b>	<b>[ kWh/gg/p ]</b>
461.97E+06	12.89E+00
523.45E+06	14.60E+00
49.99E+06	1.39E+00