

**Table 1-11**  
**Primary and secondary energy, natural units — Alberta**

	Total coal	Crude oil	Natural gas	Gas plant natural gas liquids (NGL's)	Primary electricity, hydro and nuclear	Steam	Coke	Coke oven gas	Total refined petroleum products	Secondary electricity, thermal
	kilotonnes	megalitres	gigalitres	megalitres	GWH	kilotonnes		gigalitres	megalitres	GWH
<b>Supply and demand characteristics</b>										
Production	32,432.0	101,100.8	131,169.0	26,294.7	3,008.6	.	.	.	31,457.9	63,813.0
Exports	6,178.6	19,550.7	437.2	1,558.1	227.8	.	.	.	802.9	.
Imports	6.7	.	..	68.7	761.3	.	..	.	377.2	.
Inter-regional transfers	205.3	-59,133.1	-91,618.3	-11,254.1	1,699.7	.	..	.	-7,283.4	.
Stock variation	-287.2	122.5	848.0	-359.1	.	.	..	.	121.4	.
Inter-product transfers	.	2,258.6	-1,804.8	..	.	.	.	.	-846.0	.
Other adjustments	30.1	2,748.5	3,249.8	3,426.1	.	.	0.1	.	1,317.1	.
<b>Availability</b>	<b>26,782.6</b>	<b>27,301.6</b>	<b>39,710.5</b>	<b>17,336.4</b>	<b>5,241.7</b>	.	<b>0.1</b>	.	<b>24,098.0</b>	<b>63,813.0</b>
Stock change, utilities and industry	..	.	.	.	.	.	..	.	-54.5	.
<b>Transformed to other fuels:</b>										
Electricity by utilities	26,329.4	.	3,736.4	.	.	.	.	.	27.2	.
Electricity by industry	.	.	1,248.4	.	.	.	.	..	260.0	.
Coke and manufactured gases	.	.	.	.	.	.	.	.	.	.
Refined petroleum products	.	27,301.6	166.9	1,052.0	.	.	.	.	.	.
Steam generation	.	.	243.9	.	.	-3,471.3	.	.	.	.
<b>Net supply</b>	<b>453.2</b>	<b>..</b>	<b>34,315.0</b>	<b>17,118.9</b>	<b>5,241.7</b>	<b>3,471.3</b>	<b>0.1</b>	<b>..</b>	<b>23,865.4</b>	<b>63,813.0</b>
Producer consumption	2.6	..	11,676.9	381.7	9,402.7	.	.	.	5,864.2	...
Non-energy use	1.3	.	2,399.5	15,197.6	.	.	0.1	.	3,344.4	...
<b>Energy use, final demand</b>	<b>449.4</b>	<b>.</b>	<b>20,238.6</b>	<b>1,539.7</b>	<b>59,652.3</b>	<b>3,471.3</b>	<b>..</b>	<b>..</b>	<b>13,823.8</b>	<b>...</b>
<b>Total industrial</b>	<b>398.0</b>	<b>.</b>	<b>12,051.5</b>	<b>1,174.1</b>	<b>31,695.9</b>	<b>3,471.3</b>	<b>..</b>	<b>..</b>	<b>902.1</b>	<b>...</b>
Total mining and oil and gas extraction	x	.	8,363.5	1,035.5	14,204.4	.	.	.	530.0	...
Total manufacturing	377.0	.	3,648.0	94.8	17,491.5	3,471.3	..	..	143.6	...
Pulp and paper manufacturing	.	.	251.6	.	1,706.7	490.2	.	.	0.9	...
Iron and steel manufacturing	x	.	x	..	x	.	..	..	x	...
Aluminum and non-ferrous metal manufacturing	.	.	x	..	x	.	..	.	..	...
Cement manufacturing	x	.	x	..	x	.	..	.	x	...
Refined petroleum products manufacturing	.	.	501.7	.	1,254.2	.	.	.	.	...
Chemicals and fertilizers manufacturing	.	.	2,522.3	.	4,233.7	1,575.8	.	.	0.6	...
All other manufacturing	x	.	214.4	x	9,755.7	1,405.3	..	.	138.5	...
Forestry and logging and support activities for forestry	.	.	.	.	.	.	.	.	25.7	...
Construction	.	.	39.9	43.7	.	.	.	.	202.8	...
<b>Total transportation</b>	<b>.</b>	<b>.</b>	<b>935.8</b>	<b>67.9</b>	<b>504.9</b>	<b>.</b>	<b>.</b>	<b>.</b>	<b>9,139.8</b>	<b>...</b>
Railways	.	.	.	.	.	.	.	.	1,003.3	...
Total airlines	.	.	.	.	.	.	.	.	784.8	...
Canadian airlines	.	.	.	.	.	.	.	.	758.6	...
Foreign airlines	.	.	.	.	.	.	.	.	26.1	...
Total marine	.	.	.	.	.	.	.	.	..	...
Domestic marine	.	.	.	.	.	.	.	.	..	...
Foreign marine	.	.	.	.	.	.	.	.	..	...
Pipelines	.	.	933.4	.	380.9	.	.	.	2.0	...
Road transport and urban transit	.	.	2.4	67.9	124.0	.	.	.	1,397.4	...
Retail pump sales	.	.	..	..	.	.	.	.	5,952.4	...
Agriculture	x	.	145.0	9.6	2,178.8	.	.	.	1,008.0	...
Residential	6.9	.	4,476.1	50.0	9,370.3	.	.	.	2.1	...
Public administration	..	.	170.0	..	673.4	.	.	.	137.9	...
Commercial and other institutional	..	.	2,460.2	238.1	15,229.0	..	.	.	2,633.6	...
Statistical difference	.	..	..	..	..	.	.	.	-1.3	...

**Note(s):** See "Data quality, concepts and methodology — Explanatory notes for tables" section.