

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

	Total coal, primary energy	Crude oil, primary energy	Natural gas, primary energy	Gas plant natural gas liquids (NGL's), primary energy	Primary electricity, hydro and nuclear, primary energy	Steam, primary energy	Coke, secondary energy	Coke oven gas, secondary energy	Total refined petroleum products, secondary energy	Secondary electricity, thermal, secondary energy
	kilotonnes	megalitres	gigalitres	megalitres	GWH	kilotonnes		gigalitres	megalitres	GWH
<b>Supply and demand characteristics</b>										
Production	30,350.3	129,850.8	108,685.9	26,069.6	4,475.7	.	.	.	34,167.1	71,905.6
Exports	6,428.6	97,919.4	553.3	1,181.8	128.4	.	.	.	1,338.3	.
Imports	7.9	.	..	446.3	990.9	.	.	.	939.0	.
Inter-regional transfers	-387.9	-14,291.4	-67,833.0	-10,669.9	8,826.5	.	.	.	-8,077.9	.
Stock variation	-636.1	93.0	-133.8	0.0	.	.	.	.	142.3	.
Inter-product transfers	.	..	-2,041.6	.	.	.	.	.	-924.7	.
Other adjustments	-337.0	8,347.5	3,424.0	1,537.7	.	.	.	.	2,852.6	.
<b>Availability</b>	<b>23,840.8</b>	<b>25,894.4</b>	<b>41,815.8</b>	<b>16,201.9</b>	<b>14,164.7</b>	.	..	.	<b>27,475.5</b>	<b>71,905.6</b>
Stock change, utilities and industry	..	.	.	.	.	.	.	.	.	.
<b>Transformed to other fuels:</b>										
Electricity by utilities	x	.	x	.	.	.	.	.	x	.
Electricity by industry	.	.	x	.	.	.	.	.	x	.
Coke and manufactured gases	.	.	.	.	.	.	.	.	.	.
Refined petroleum products	.	26,333.8	475.6	803.8	.	.	.	.	.	.
Steam generation	.	.	273.8	.	.	-2,151.4	.	.	.	.
<b>Net supply</b>	<b>418.6</b>	.	<b>35,044.5</b>	<b>15,398.1</b>	<b>14,164.7</b>	<b>2,151.4</b>	<b>0.0</b>	..	<b>27,149.6</b>	<b>71,905.6</b>
Producer consumption	6.7	.	8,330.4	372.9	12,330.1	.	.	.	7,516.1	...
Non-energy use	7.9	.	2,596.8	13,522.2	.	.	0.0	.	3,789.1	...
<b>Energy use, final demand</b>	<b>403.5</b>	.	<b>24,117.9</b>	<b>2,176.7</b>	<b>60,481.8</b>	<b>2,151.4</b>	<b>0.0</b>	..	<b>15,223.9</b>	...
<b>Total industrial</b>	<b>390.9</b>	.	<b>16,123.3</b>	<b>1,563.2</b>	<b>27,642.7</b>	<b>x</b>	<b>0.0</b>	..	<b>1,850.3</b>	...
Total mining and oil and gas extraction	..	.	11,344.7	1,378.7	13,074.8	.	.	.	1,449.1	...
Total manufacturing	x	.	4,702.3	x	14,567.9	x	.	.	53.4	...
Pulp and paper manufacturing	.	.	x	.	2,866.7	..	.	.	x	...
Iron and steel manufacturing	0.0	.	x	.	350.3	.	.	.	x	...
Aluminum and non-ferrous metal manufacturing	.	.	x	.	x	.	.	.	.	...
Cement manufacturing	x	.	x	.	x	.	.	.	x	...
Refined petroleum products manufacturing	.	.	365.8	.	x	.	.	.	.	...
Chemicals and fertilizers manufacturing	.	.	3,001.0	.	5,746.0	560.5	.	.	1.7	...
All other manufacturing	x	.	867.6	x	x	1,590.9	.	.	x	...
Forestry and logging and support activities for forestry	.	.	.	.	.	.	.	.	47.8	...
Construction	.	.	76.2	x	.	.	.	.	300.1	...
<b>Total transportation</b>	.	.	<b>852.8</b>	<b>50.7</b>	<b>572.3</b>	.	.	.	<b>11,400.0</b>	...
Railways	.	.	.	.	.	.	.	.	579.7	...
Total airlines	.	.	.	.	.	.	.	.	699.9	...
Canadian airlines	.	.	.	.	.	.	.	.	692.6	...
Foreign airlines	.	.	.	.	.	.	.	.	7.3	...
Total marine	.	.	.	.	.	.	.	.	35.3	...
Domestic marine	.	.	.	.	.	.	.	.	35.3	...
Foreign marine	.	.	.	.	.	.	.	.	..	...
Pipelines	.	.	844.7	.	430.8	.	.	.	1.3	...
Road transport and urban transit	.	.	8.1	50.7	141.5	.	.	.	2,106.5	...
Retail pump sales	.	.	..	.	.	.	.	.	7,977.4	...
Agriculture	.	.	98.0	12.8	2,058.2	.	.	.	1,230.7	...
Residential	12.0	.	4,401.6	66.5	11,792.2	.	.	.	1.3	...
Public administration	.	.	176.4	0.0	847.1	.	.	.	170.7	...
Commercial and other institutional	0.6	.	2,465.8	356.7	17,569.3	.	.	.	570.7	...
Statistical difference	0.5	.	..	72.3	..	0.0	..	.	0.7	...

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