

**Table 2-11**  
**Primary and secondary energy, terajoules — Alberta**

	Total coal	Crude oil	Natural gas	Gas plant natural gas liquids (NGL's)	Primary electricity, hydro and nuclear	Steam	Primary energy	Coke	Coke oven gas	Total refined petroleum products	Secondary electricity, thermal	Total primary and secondary energy
terajoules												
<b>Supply and demand characteristics</b>												
Production	547,017	6,688,089	4,571,517	476,029	12,918	.	12,295,569	.	.	1,235,657	279,031	...
Exports	x	5,769,402	21,838	72,426	320	.	x	.	.	x	.	6,058,124
Imports	x	.	.	8,364	1,065	.	9,617	x	.	x	.	16,265
Inter-regional transfers	x	-377,145	-2,687,006	-21,780	1,153	.	-3,096,990	.	.	-343,181	.	-3,440,171
Stock variation	-33,575	-3,544	-221	-20,782	.	.	-58,122	.	.	-520	.	-58,642
Inter-product transfers	.	.	-102,287	.	.	.	-102,287	.	.	-88,158	.	-190,445
Other adjustments	4,226	761,922	92,399	-128,807	.	.	729,739	.	.	266,080	.	995,819
<b>Availability</b>	<b>467,192</b>	<b>1,307,008</b>	<b>1,853,005</b>	<b>282,161</b>	<b>14,815</b>	.	<b>3,924,182</b>	<b>x</b>	.	<b>989,026</b>	<b>279,031</b>	.
Stock change, utilities and industry	.	.	.	.	.	.	.	.	.	.	.	.
<b>Transformed to other fuels:</b>												
Electricity by utilities	455,568	.	129,271	.	.	.	x	.	.	478	.	x
Electricity by industry	.	.	244,278	.	.	.	x	.	.	10,091	.	x
Coke and manufactured gases	.	.	.	.	.	.	.	.	.	.	.	.
Refined petroleum products	.	1,006,425	22,390	0	.	.	1,028,815	.	.	.	.	1,028,815
Steam generation	.	.	14,326	.	.	x	3,500	.	.	.	.	3,500
<b>Net supply</b>	<b>11,624</b>	.	<b>1,442,741</b>	<b>292,897</b>	<b>14,815</b>	<b>x</b>	<b>2,073,486</b>	<b>x</b>	.	<b>978,458</b>	<b>279,031</b>	<b>3,330,981</b>
Producer consumption	x	.	386,270	x	72,963	.	...	.	.	321,682	...	793,482
Non-energy use	x	.	89,648	x	.	.	...	0	.	151,384	...	472,266
<b>Energy use, final demand</b>	<b>4,925</b>	.	<b>1,215,817</b>	<b>49,270</b>	<b>200,154</b>	<b>x</b>	<b>...</b>	<b>x</b>	.	<b>552,407</b>	<b>...</b>	<b>2,033,406</b>
<b>Total industrial</b>												
<b>Total mining and oil and gas extraction</b>	<b>3,401</b>	.	<b>894,954</b>	<b>36,866</b>	<b>101,128</b>	<b>x</b>	<b>...</b>	<b>x</b>	.	<b>51,000</b>	<b>...</b>	<b>1,098,181</b>
Total mining and oil and gas extraction	x	.	718,493	35,132	46,401	.	...	.	.	37,477	...	837,503
Total manufacturing	x	.	172,427	x	54,727	10,826	...	x	.	x	...	242,824
Pulp and paper manufacturing	.	.	10,023	19	x	0	...	.	.	x	...	x
Iron and steel manufacturing	0	.	1,222	3	x	.	...	x	.	62	...	2,938
Aluminum and non-ferrous metal manufacturing	.	.	x	x	x	.	...	.	.	.	...	x
Cement manufacturing	x	.	x	x	x	.	...	.	.	x	...	x
Refined petroleum products manufacturing	.	.	x	.	4,458	.	...	.	.	.	...	21,158
Chemicals and fertilizers manufacturing	.	.	x	25	21,562	x	...	.	.	x	...	138,742
All other manufacturing	x	.	30,091	195	14,379	x	...	.	.	x	...	49,551
Forestry and logging and support activities for forestry	.	.	.	.	.	.	...	.	.	1,317	...	1,317
Construction	.	.	4,034	x	.	.	...	.	.	11,019	...	16,537
<b>Total transportation</b>												
<b>Railways</b>	.	.	<b>53,485</b>	<b>1,463</b>	<b>2,542</b>	.	<b>...</b>	.	.	<b>440,767</b>	<b>...</b>	<b>498,257</b>
Railways	.	.	.	.	.	.	...	.	.	37,122	...	37,122
Total airlines	.	.	.	.	.	.	...	.	.	36,671	...	36,671
Canadian airlines	.	.	.	.	.	.	...	.	.	34,603	...	34,603
Foreign airlines	.	.	.	.	.	.	...	.	.	2,068	...	2,068
Total marine	.	.	.	.	.	.	...	.	.	27	...	27
Domestic marine	.	.	.	.	.	.	...	.	.	27	...	27
Foreign marine	.	.	.	.	.	.	...	.	.	.	...	.
Pipelines	.	.	52,377	.	2,122	.	...	.	.	74	...	54,573
Road transport and urban transit	.	.	303	1,463	420	.	...	.	.	85,584	...	87,769
Retail pump sales	.	.	805	.	.	.	...	.	.	281,290	...	282,095
Agriculture	.	.	4,047	327	6,871	.	...	.	.	46,293	...	57,538
Residential	x	.	161,742	1,695	35,613	.	...	.	.	28	...	199,134
Public administration	.	.	6,173	.	5,420	.	...	.	.	6,505	...	18,097
Commercial and other institutional	x	.	95,416	8,919	48,581	.	...	.	.	7,815	...	162,199
Statistical difference	x	.	.	25	.	.	...	.	.	x	...	-288,705

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