

New Brunswick energy and natural resources export highlights 2018

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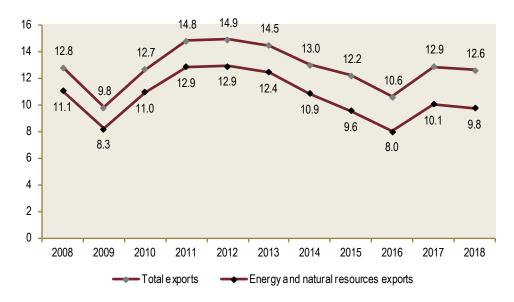
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Summary

- In 2018, New Brunswick exported¹ \$9.8 billion worth of energy and natural resources products² to 95 countries, accounting for 77 per cent of the province's total exports. Particularly, New Brunswick exported \$7.4 billion worth of energy products, \$2 billion worth of forest products and \$416 million worth of mineral products.
- Following the 2008 financial crisis, exports dropped significantly in 2009. However, between 2009 and 2018, the value of New Brunswick's energy and natural resources exports has grown by 18 per cent. Specifically, energy exports have expanded by 17 per cent and forest exports by 53 per cent, while mineral exports have fallen by 35 per cent.
- The top three exported energy products in 2018 included: refined petroleum products, natural gas and liquefied petroleum gases. The top exported forest products were: paper and paper products, wood pulp and sawnwood; and the leading mineral exports were: lead, peat and plasterboard.
- The United States continued to be the largest export market for New Brunswick's energy and natural resources products, accounting for 94 per cent of export share. Other key markets were India, Indonesia, Thailand, China and Belgium.

Value of New Brunswick total exports and energy and natural resources exports, 2008-2018 (\$ billions)



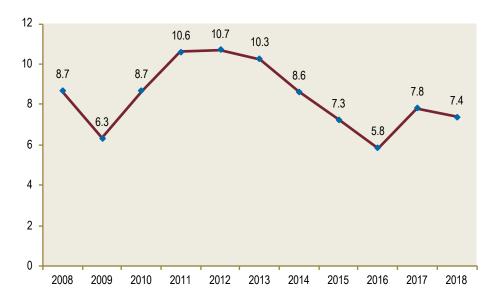
New Brunswick energy export highlights - 2018

The total value of New Brunswick's energy exports has fluctuated notably over the last ten years (2008-2018), driven largely by changes in world oil prices.

Below are the key market highlights for 2018 compared to 2017:

- New Brunswick's energy exports fell in value by \$442 million (six per cent) to total \$7.4 billion in 2018, mainly due to lower sales of refined petroleum products. Nonetheless, other exported products, such as natural gas and electrical energy, increased in value.
- Exports of refined petroleum products were valued at \$6.9 billion in 2018, about \$492 million (seven per cent) lower than in 2017. This decline in value mainly resulted from a notable drop in the volume of exported petroleum oils and oils from bituminous minerals outweighing a rise in market price. Sales to the United States fell the most, by \$511 million (seven per cent). On a positive note, exports to Ireland, Belgium and Venezuela rose by \$42 million, \$25 million and \$23 million respectively.
- The value of natural gas exports increased significantly by 47 per cent (\$68 million) to reach \$214 million in 2018, with all sales going to the United States, specifically Massachusetts. This increase was largely due to a considerably higher market price.
- Exports of liquefied petroleum gases amounted to \$174 million in 2018, down \$32 million (15 per cent) compared
 to the previous year. This decline in value mainly resulted from a considerable drop in export volume of liquefied
 propylene outweighing a rise in market price. All exports in 2018 were destined for the United States, mainly Texas
 and Pennsylvania.
- Electrical energy exports³ increased in value by \$14 million (15 per cent) to \$107 million in 2018, due to a notable rise in price. All electrical energy exports went to the United States, specifically Maine.
- The top market for New Brunswick's energy exports continued to be the United States valued at \$7.2 billion, accounting for 98 per cent of export share. Compared to 2017, sales dropped by \$461 million (six per cent), largely as a result of lower sales of refined petroleum products.
- The Netherlands ranked second, with sales valued at \$42 million, about \$20 million (93 per cent) higher than in 2017. This increase resulted from higher sales of refined petroleum products.
- Other important markets for New Brunswick's energy products in 2018 included Ireland, Belgium and Venezuela, valued at \$42 million, \$25 million and \$23 million, respectively.

Total value of New Brunswick energy exports, 2008-2018 (\$ billions)



Top New Brunswick energy export products by value (\$ millions)

Rank	Product	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top markets in 2018
1	Refined petro- leum products	\$5,468.9	\$7,382.3	\$6,890.1	35.0%	-6.7%	United States, Netherlands, Ireland, Belgium, Venezuela, France, Guatemala, Iceland, Saudi Arabia, Egypt
2	Natural gas	\$141.1	\$146.0	\$214.0	3.5%	46.6%	United States
3	Liquefied petro- leum gases	\$121.9	\$205.4	\$173.6	68.5%	-15.5%	United States
4	Electrical energy	\$116.6	\$92.8	\$106.6	-20.5%	14.9%	United States
All othe	er energy products	\$0.0	\$0.0	\$0.0			
All ene	ergy products	\$5,848.6	\$7,826.6	\$7,384.4	33.8%	-5.6%	United States, Netherlands, Ireland, Belgium, Venezuela, France, Guatemala, Iceland, Saudi Arabia, Egypt

Top New Brunswick energy export markets by value (\$ millions)

Rank	Market	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top products in 2018
1	United States	\$5,841.9	\$7,707.4	\$7,246.6	31.9%	-6.0%	Refined petroleum products, natural gas, liquefied petroleum gases, electrical energy
2	Netherlands	\$0.0	\$22.0	\$42.5		93.2%	Refined petroleum products
3	Ireland	\$0.0	\$0.0	\$42.0			Refined petroleum products
4	Belgium	\$0.0	\$0.0	\$25.2			Refined petroleum products
5	Venezuela	\$0.0	\$0.0	\$23.2			Refined petroleum products
6	France	\$0.0	\$22.5	\$3.4		-84.9%	Refined petroleum products
7	Guatemala	\$0.2	\$0.2	\$0.3	-14.1%	67.6%	Refined petroleum products
8	Iceland	\$0.0	\$0.0	\$0.2			Refined petroleum products
9	Saudi Arabia	\$0.1	\$0.0	\$0.2	-51.7%		Refined petroleum products
10	Egypt	\$0.0	\$0.0	\$0.2			Refined petroleum products
11	Libya	\$0.0	\$0.0	\$0.2			Refined petroleum products
12	Russia	\$0.1	\$0.2	\$0.2	57.5%	-0.9%	Refined petroleum products
All othe	er markets	\$6.3	\$74.3	\$0.2			
World		\$5,848.6	\$7,826.6	\$7,384.4	33.8%	-5.6%	Refined petroleum products, natural gas, lique- fied petroleum gases, electrical energy

⁻⁻ Export value in the base period is zero or so close to zero that the percentage change is meaningless. Sources: Global Trade Tracker (April 2019), Trade Data Online (April 2019).

Top New Brunswick energy export market breakdown — United States (\$ millions)

Rank	State	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top products in 2018
1	New Hampshire	\$4,310.3	\$5,661.3	\$5,274.2	31.3%	-6.8%	Refined petroleum products, liquefied petroleum gases
2	Massachusetts	\$486.9	\$508.3	\$580.7	4.4%	14.2%	Refined petroleum products, natural gas
3	New Jersey	\$249.8	\$424.3	\$523.3	69.8%	23.4%	Refined petroleum products
4	Florida	\$116.3	\$143.8	\$173.3	23.6%	20.5%	Refined petroleum products
5	Texas	\$131.3	\$130.9	\$131.5	-0.3%	0.4%	Liquefied petroleum gases
6	Maine	\$151.0	\$114.2	\$126.5	-24.4%	10.7%	Electrical energy, refined petroleum products, liquefied petroleum gases
All othe	er states	\$396.2	\$724.6	\$437.1			
Total L	Inited States	\$5,841.9	\$7,707.4	\$7,246.6	31.9%	-6.0%	Refer to previous table

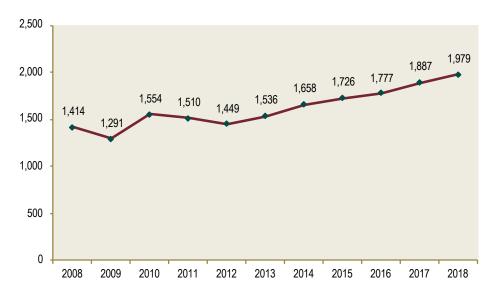
New Brunswick forest export highlights - 2018

Exports of New Brunswick's forest products have rebounded strongly since the United States' housing crisis in 2008, reaching pre-crisis levels in 2017 and continuing to rise to reach \$2 billion in 2018.

Below are the key market highlights for 2018 compared to 2017:

- New Brunswick's exported forest products increased in value by \$91 million (five per cent) to total \$2 billion in 2018. Notable increases were seen in sales of paper and paper products, sawnwood and secondary wood products.
- The export value of paper and paper products rose by \$65 million (12 per cent) to reach \$631 million in 2018. Exports to the United States, Lebanon and Colombia increased the most, with sales up by \$58 million (11 per cent), \$4.4 million (577 per cent) and \$3.6 million (419 per cent), respectively.
- Wood pulp exports remained relatively stable at \$598 million in 2018. Particularly, sales to the United States, China and Taiwan increased notably, by \$29 million, \$11 million and \$5.7 million, respectively, while those to Turkey and India fell considerably, by \$21 million and \$19 million, respectively.
- Sawnwood exports were valued at \$549 million in 2018, about \$30 million (six per cent) higher than the previous
 year. This increase in export value mainly resulted from higher softwood lumber prices. Practically all sawnwood
 exports were destined for the United States.
- Exports of secondary wood products increased by \$16 million (15 per cent) to reach \$124 million in 2018, with 98 per
 cent of sales to the United States.
- The most important market for New Brunswick's forest products continued to be the United States valued at \$1.6 billion in 2018, accounting for 79 per cent of market share. Exports to the United States were valued nine per cent or \$127 million higher than in 2017, with sales of paper and paper products, sawnwood and wood pulp contributing most to this increase.
- Other top markets that increased in value in 2018 were China and Taiwan. Specifically, exports to China increased by \$9.4 million (17 per cent) to total \$63 million in 2018, while sales to Taiwan increased by \$5.7 million, from \$0 in 2017. These increases largely resulted from higher wood pulp sales.
- On the other hand, markets that declined most significantly in value include Turkey and India. Particularly, exports to Turkey fell by \$27 million (88 per cent) to \$3.5 million, while those to India were down by \$19 million (14 per cent) to \$123 million. These declines mainly resulted from lower wood pulp sales.

Total value of New Brunswick forest exports, 2008-2018 (\$ millions)



Top New Brunswick forest export products by value (\$ millions)

Rank	Product	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top markets in 2018
1	Paper and paper products	\$539.8	\$565.2	\$630.5	4.7%	11.6%	United States, China, Lebanon, Colombia, Australia, Greece, Guatemala, Kenya, South Africa, Nicaragua
2	Wood pulp	\$555.4	\$595.8	\$598.2	7.3%	0.4%	United States, India, Indonesia, Thailand, China, Taiwan, Eqypt, Italy, Turkey, Israel
3	Sawnwood	\$477.8	\$519.0	\$549.0	8.6%	5.8%	United States, China, Japan
4	Secondary wood products	\$94.3	\$107.7	\$123.9	14.1%	15.1%	United States, United Kingdom, Netherlands
5	Wood-based panels	\$60.5	\$57.1	\$53.0	-5.7%	-7.1%	United States
6	Wood pellets and other agglomerates	\$26.0	\$26.1	\$17.5	0.3%	-33.0%	United Kingdom, United States
7	Wood chips and particles	\$10.4	\$8.3	\$3.2	-20.4%	-61.0%	Turkey, United States
8	Roundwood	\$5.7	\$6.0	\$3.0	4.5%	-50.3%	United States
9	Veneer sheets	\$1.6	\$1.1	\$0.4	-28.1%	-60.9%	United states
All othe	er forest products	\$5.2	\$1.2	\$0.1			
All for	est products	\$1,776.7	\$1,887.4	\$1,978.7	6.2%	4.8%	United States, India, Indonesia, Thailand, China, United Kingdom, Taiwan, Lebanon, Colombia, Turkey

Top New Brunswick forest export markets by value (\$ millions)

Rank	Market	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top products in 2018
1	United States	\$1,390.4	\$1,435.1	\$1,562.1	3.2%	8.8%	Paper and paper products, sawnwood, wood pulp, secondary wood products, wood-based panels, wood pellets and other agglomerates, roundwood, wood chips and particles, veneer sheets
2	India	\$121.2	\$142.9	\$123.4	17.8%	-13.6%	Wood pulp
3	Indonesia	\$78.3	\$92.3	\$87.9	17.8%	-4.7%	Wood pulp
4	Thailand	\$69.9	\$68.9	\$73.2	-1.5%	6.2%	Wood pulp
5	China	\$38.3	\$53.8	\$63.2	40.5%	17.5%	Wood pulp, paper and paper products, sawnwood
6	United Kingdom	\$24.0	\$24.4	\$15.3	1.6%	-37.3%	Wood pellets and other agglomerates, secondary wood products, paper and paper products
7	Taiwan	\$0.0	\$0.0	\$5.7			Wood pulp
8	Lebanon	\$0.0	\$0.8	\$5.1		539.0%	Paper and paper products
9	Colombia	\$2.2	\$2.2	\$5.0	3.6%	123.0%	Paper and paper products, wood pulp
10	Turkey	\$19.1	\$30.2	\$3.5	57.7%	-88.3%	Wood chips and particles, wood pulp
11	Australia	\$0.0	\$0.1	\$3.1		5,178.8%	Paper and paper products
12	Greece	\$0.0	\$0.8	\$2.9		286.0%	Paper and paper products
13	Guatemala	\$7.4	\$8.9	\$2.8	21.2%	-69.2%	Paper and paper products
14	Kenya	\$0.0	\$0.0	\$2.5			Paper and paper products
15	Egypt	\$0.7	\$1.8	\$2.0	152.4%	12.8%	Wood pulp, paper and paper products
16	Trinidad and Tobago	\$3.1	\$2.6	\$1.9	-15.7%	-25.6%	Paper and paper products, wood pulp
17	Mexico	\$3.3	\$1.7	\$1.8	-48.5%	8.1%	Paper and paper products, wood pulp
18	South Africa	\$0.0	\$1.3	\$1.8		39.5%	Paper and paper products
19	Nicaragua	\$0.0	\$3.1	\$1.6		-48.9%	Paper and paper products
20	Peru	\$0.2	\$0.0	\$1.3	-76.0%		Paper and paper products
All othe	er markets	\$18.5	\$16.5	\$12.6			
World		\$1,776.7	\$1,887.4	\$1,978.7	6.2%	4.8%	Paper and paper products, wood pulp, sawnwood, secondary wood products, wood-based panels, wood pellets and other agglomerates, wood chips and particles, roundwood, veneer sheets

⁻⁻ Export value in the base period is zero or so close to zero that the percentage change is meaningless. Sources: Global Trade Tracker (April 2019), Trade Data Online (April 2019).

Top New Brunswick forest export market breakdown – United States (\$ millions)

Rank	State	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top products in 2018
1	Maine	\$302.4	\$265.5	\$261.8	-12.2%	-1.4%	Wood pulp, sawnwood, paper and paper products, secondary wood products, wood pellets and other agglomerates, roundwood, wood-based panels, wood chips and particles
2	New York	\$225.9	\$208.6	\$223.2	-7.7%	7.0%	Paper and paper products, wood pulp, sawnwood, secondary wood products, wood-based panels
3	Massachusetts	\$145.4	\$172.8	\$181.0	18.9%	4.7%	Sawnwood, paper and paper products, secondary wood products, wood-based panels, roundwood
4	North Carolina	\$63.3	\$73.9	\$93.1	16.8%	26.0%	Sawnwood, paper and paper products, wood-based panels, secondary wood products
5	Pennsylvania	\$76.4	\$98.4	\$84.6	28.8%	-14.0%	Paper and paper products, sawnwood, secondary wood products, wood pulp, wood-based panels
All othe	er states	\$577.1	\$615.9	\$718.4			
Total U	Inited States	\$1,390.4	\$1,435.1	\$1,562.1	3.2%	8.8%	Refer to previous table

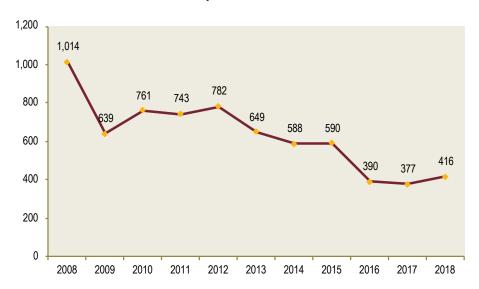
New Brunswick mineral export highlights - 2018

Over the past decade (2008-2018) mineral exports have dropped notably, due mainly to a decline in production levels resulting from the closures of main mines.

Below are the key market highlights for 2018 compared to 2017:

- New Brunswick's mineral exports increased in value by \$40 million (11 per cent) to total \$416 million in 2018, mainly due to higher lead and copper sales.
- Exports of lead increased considerably by \$49 million (31 per cent) to reach \$206 million in 2018, largely due to a rise in export volume. The largest increases were seen in the United States, Indonesia and China, by \$38 million (24 per cent), \$4.6 million and \$2.6 million (445 per cent), respectively.
- Peat sales were valued at \$80 million in 2018, nine per cent (\$7.5 million) lower than in 2017. Sales to the United States declined the most, by \$7 million (10 per cent).
- Plasterboard exports declined in value by \$6.7 million (15 per cent) to \$38 million in 2018, with practically all sales going to the United States. Particularly, sales dropped mainly because of a decline in export volume.
- Exports of iron and steel amounted to \$37 million in 2018, \$4.6 million (11 per cent) lower than the previous year. Exports to the United States dropped the most, with sales down by \$5.1 million (13 per cent).
- Copper exports increased significantly in value by \$21 million, from \$0.9 million in 2017 to \$22 million in 2018. This resulted from a greater volume of copper mattes exported to Belgium and Australia. Particularly, copper sales to Belgium amounted to \$20 million in 2018, while those to Australia totaled \$1.9 million.
- The United States continued to be the top market for New Brunswick's exported mineral products, valued at \$358 million in 2018, about two per cent (\$6.5 million) higher than in 2017. Although exports of most top mineral products to the United States declined in value, such as peat, plasterboard, cement and concrete, iron and steel and aluminum, this was more than offset by the considerable increase in lead sales.
- Other top markets that increased in value in 2018 were Belgium, Indonesia and China. Particularly, exports to Belgium increased by \$21 million, from \$0 in 2017, largely due to higher copper sales. Meanwhile, exports to Indonesia and China increased by \$4.6 million and \$2.8 million, respectively, largely due to higher sales of lead.

Total value of New Brunswick mineral exports, 2008-2018 (\$ millions)



Top New Brunswick mineral export products by value (\$ millions)

Rank	Product	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top markets in 2018
1	Lead	\$151.8	\$156.6	\$205.6	3.1%	31.3%	United States, Indonesia, China, India, Belgium
2	Peat	\$92.6	\$87.2	\$79.6	-5.9%	-8.7%	United States, Japan, Mexico, Australia, Colombia, Brazil, China, Egypt, South Korea, Chile
3	Plasterboard	\$44.5	\$44.9	\$38.2	0.9%	-15.0%	United States
4	Iron and steel	\$40.1	\$41.4	\$36.8	3.3%	-11.0%	United States, Iceland, Suriname, Bermuda, Mexico
5	Copper	\$1.6	\$0.9	\$22.1	-42.2%	2,312.0%	Belgium, Australia, United States
6	Miscellaneous metal articles	\$8.4	\$8.0	\$8.0	-4.6%	-1.0%	United states
7	Cement and concrete	\$10.4	\$12.9	\$7.5	24.4%	-42.0%	United States
8	Lime	\$5.7	\$6.1	\$6.3	7.1%	2.1%	United States
9	Aluminum	\$6.1	\$7.2	\$3.4	17.8%	-53.2%	Poland, United States
10	Aggregates	\$1.2	\$1.7	\$3.0	33.2%	82.7%	Bahamas, Bermuda, United States
11	Sulphur	\$0.1	\$0.2	\$1.8	33.7%	847.8%	United States
12	Glass and glassware	\$1.2	\$2.3	\$0.8	92.9%	-64.0%	Trinidad and Tobago, United States
13	Titanium	\$0.2	\$0.4	\$0.6	49.1%	60.4%	United States
All othe	er mineral products	\$25.9*	\$6.8	\$2.8			
All min	eral products	\$389.9	\$376.5	\$416.4	-3.4%	10.6%	United States, Belgium, Japan, Indonesia, China, Australia, Poland, India, Mexico, Bahamas

^{*}Includes potash exports.

Top New Brunswick mineral export markets by value (\$ millions)

Rank	Market	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top products in 2018
1	United States	\$354.4	\$351.8	\$358.3	-0.7%	1.8%	Lead, peat, plasterboard, iron and steel, miscella- neous metal articles, cement and concrete, lime, sulphur, aluminum, titanium
2	Belgium	\$0.0	\$0.0	\$21.3			Copper, lead
3	Japan	\$7.2	\$6.8	\$6.7	-5.6%	-1.0%	Peat
4	Indonesia	\$0.0	\$0.0	\$4.6			Lead
5	China	\$0.7	\$1.0	\$3.8	48.2%	288.6%	Lead, peat
6	Australia	\$1.3	\$1.1	\$3.3	-13.1%	186.2%	Copper, peat
7	Poland	\$2.6	\$2.1	\$2.5	-20.2%	22.7%	Aluminum
8	India	\$0.0	\$0.0	\$2.4			Lead
9	Mexico	\$1.8	\$2.2	\$1.7	22.0%	-24.6%	Peat, iron and steel
10	Bahamas	\$0.0	\$0.0	\$1.5			Aggregates
11	Bermuda	\$0.7	\$1.3	\$1.4	75.6%	9.3%	Aggregates, iron and steel
12	Colombia	\$0.6	\$0.7	\$1.1	4.9%	63.0%	Peat
13	Iceland	\$0.2	\$0.6	\$1.0	203.4%	64.1%	Iron and steel
14	Trinidad and Tobago	\$1.4	\$2.5	\$0.9	75.4%	-62.0%	Glass and glassware, peat
15	Brazil	\$1.9	\$1.8	\$0.8	-7.6%	-57.8%	Peat
16	Suriname	\$0.1	\$0.0	\$0.5	-100.0%		Iron and steel
17	South Korea	\$0.7	\$0.3	\$0.5	-55.5%	65.1%	Peat
18	Egypt	\$0.1	\$0.1	\$0.5	40.0%	317.2%	Peat
19	Chile	\$0.4	\$0.5	\$0.4	39.5%	-15.4%	Peat
20	Costa Rica	\$0.3	\$0.3	\$0.3	17.0%	1.7%	Peat
All othe	er markets	\$15.5	\$3.3	\$2.8			
World		\$389.9	\$376.5	\$416.4	-3.4%	10.6%	Lead, peat, plasterboard, iron and steel, copper, miscellaneous metal articles, cement and concrete, lime, aluminum, aggregates

⁻⁻ Export value in the base period is zero or so close to zero that the percentage change is meaningless. Sources: Global Trade Tracker (April 2019), Trade Data Online (April 2019).

Top New Brunswick mineral export market breakdown - United States (\$ millions)

Rank	State	2016	2017	2018	2016-2017 growth	2017-2018 growth	Top products in 2018
1	Pennsylvania	\$83.3	\$73.2	\$130.3	-12.2%	78.1%	Lead, peat, iron and steel, miscellaneous metal articles
2	Massachusetts	\$61.0	\$66.5	\$51.1	9.1%	-23.2%	Plasterboard, iron and steel, peat, cement and concrete
3	Indiana	\$19.6	\$13.8	\$48.1	-29.6%	248.3%	Lead, iron and steel
4	Connecticut	\$56.8	\$88.5	\$27.6	55.7%	-68.8%	Lead, iron and steel, peat
5	Maine	\$21.1	\$19.3	\$15.9	-8.7%	-17.6%	Lime, iron and steel, peat, cement and concrete, aggregates, aluminum, plasterboard
All othe	er states	\$112.5	\$90.5	\$85.4			
Total L	Inited States	\$354.4	\$351.8	\$358.3	-0.7%	1.8%	Refer to previous table

Notes and definitions

- 1. Export data refers to "New Brunswick Domestic Exports", not "New Brunswick Origin Exports". Domestic exports consist of the exports of all goods grown, produced, extracted or manufactured in New Brunswick, leaving the province (through customs) for a foreign destination. Exports of imported merchandise that have been substantially enhanced in value are also included.
- 2. Energy and natural resources products include all grown, produced, extracted or manufactured energy, forest and mineral products.
- 3. A significant proportion of New Brunswick electrical output is sold to other Canadian provinces.

Contact information

For more information on New Brunswick energy and natural resources export statistics, please contact:

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