

DOMINION BUREAU OF STATISTICS - CANADA
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PRODUCTION OF MISCELLANEOUS (NON-METALLIC MINERALS) IN CANADA, 1927.

Finally revised statistics on the production of actinolite, barytes, bituminous sands, fluorspar, graphite, magnesite, magnesium sulphate, mineral waters, natro-alunite, peat, phosphate, pyrites, silica brick, sodium carbonate, and sodium sulphate in Canada during 1927, as reported by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics at Ottawa, are as follows:

Actinolite.- Production of actinolite in Canada has been confined to Elzevir and Kaladar townships in Hastings and Addington counties, Ontario; the centre of the industry being at Actinolite. This material which is a calcium-magnesium-iron silicate is used in the manufacture of coal-tar roofing compounds. Shipments to the United States in 1927 amounted to 86 tons valued at \$1,075 as against 80 tons worth \$1,000 in 1926.

Barytes.- The Canadian production of barytes in 1927 was obtained from the Johnson mine, at Lake Ainslie, Inverness county, Nova Scotia. Shipments totalled 56 tons at \$1,268 as compared with 100 tons at \$2,307 in 1926. Imports of barytes into Canada during the period under review were 2,841 tons, appraised at \$58,504.

Bituminous Sands.- An increase in the production of bituminous sands from the Fort McMurray district, Alberta, was noted in 1927. Shipments for the year amounted to 2,706 tons valued at \$10,824. In 1926 the production of this commodity was 528 tons worth \$2,112. Practically all the material shipped to date has been used for demonstration and experimental purposes.

Fluorspar.- There has been no production of fluorspar in Canada since 1925, when the Rock Candy mine and mill at Lynch Creek, British Columbia, were in operation. Imports of fluorspar at 4,561 tons valued at \$58,701 showed a marked drop from the total of 9,968 tons valued at \$97,482 imported during 1926.

Graphite.- Shipments of graphite from Canadian deposits in 1927 reached a total of 1,829 tons valued at \$111,656 as compared with 2,727 tons worth \$194,860 shipped in 1926. According to Customs' records, exports of graphite, crude or refined, in 1927 were 1,699 tons appraised at \$102,476. In 1926, these exports amounted to 2,564 tons at \$180,351.

Magnesite.- An appreciable increase was recorded in 1927 in the shipments of magnesite from Canadian properties. The total for the year was 7,337 tons valued at \$230,309 as against 4,571 tons at \$137,431 shipped in 1926. Exports of magnesite, calcined and dead-burned, in 1927 amounted to 1,953 tons worth \$47,487, of which 1,833 tons were shipped to Great Britain and 89 tons to the United States.

Magnesium Sulphate.- No activities have been reported in this industry since 1923. In that year 121 tons of refined magnesium sulphate were shipped from a deposit near Ashcroft, British Columbia. Imports of magnesium sulphate or epsom salts during 1927 reached a total of 2,404 tons valued at \$39,195; in the previous year 2,131 tons worth \$39,016 were brought into Canada.

Mineral Waters.- Mineral springs and wells in Canada produced 303,530 imperial gallons of mineral waters valued at \$14,624 in 1927 as compared with an output of 215,356 imperial gallons at \$29,721 in the preceding year. The 1927 shipments were made up of 10,330 imperial gallons from Quebec and 293,200 imperial gallons from Ontario.

Natro-Alunite.- Shipments of 7 tons of natro-alunite valued at \$248 were made in 1927 from a deposit at Kyuquot Sound, Vancouver Island, British Columbia.

Peat.- No shipments of peat were reported from Canadian bogs during 1926 and 1927. In 1925, the production from the Alfred bog in Ontario totalled 1,370 tons worth \$8,394.

Phosphate.- Canadian production of phosphate in 1927 amounted to 151 tons with a valuation of \$1,717; in the previous year 40 tons worth \$800 were shipped. The 1927 shipments consisted of 113 tons of crude phosphate obtained from old mine dumps in the provinces of Ontario and Quebec, and 38 tons extracted for experimental purposes in British Columbia. Imports of phosphate totalled 17,485 tons evaluated at \$94,758, consisting of 56 tons from Great Britain and 17,429 tons from the United States.

Pyrites.- The total production of pyrites in Canada during 1927 was 50,863 tons valued at \$198,388 as against shipments of 17,845 tons at \$63,899 in 1926.

Sodium Carbonate.- Shipments of sodium carbonate crystals in 1927 amounted to 805 tons worth \$9,995; in 1926 the total production was 595 tons valued at \$5,370.

Silica Brick.- The production of silica brick in Canada during 1927 amounted to 1,791 thousand with a valuation of \$79,527; in the previous year 2,665 thousand at \$130,702 were produced.

Sodium Sulphate.- Natural sodium sulphate shipped from Canadian deposits during 1927 totalled 5,659 tons evaluated at \$11,319 as compared with a total of 6,775 tons at \$13,550 produced in 1926. Importations of salt cake into Canada in 1927 were recorded at 42,333 tons appraised at \$686,458 in addition to which glauber's salt to a total of 288 tons worth \$5,276 and bisulphate of soda or nitre cake amounting to 13,143 tons at \$50,698 were also imported into Canada.

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Capital employed by the 32 firms operating in this group of industries in 1927 totalled \$3,315,380. Employment was furnished 31 salaried employees and 273 wage-earners whose total earnings amounted to \$313,338. Fuel and electricity costs were reported at \$85,302.

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Item	Unit of Measure	Quantity	Value
			\$
Barite.....	tons	86	1,075
Bituminous sands.....	tons	56	1,268
Graphite.....	tons	2,706	10,824
Magnesite.....	tons	1,829	111,656
Mineral waters.....	tons	7,337	230,309
Nitro-alunite.....	imp.gals.	303,530	14,624
Phosphate.....	tons	7	248
Pyrites.....	tons	151	1,717
Silica brick.....	tons	50,863	198,388
Sodium carbonate.....	M	1,791	79,527
Sodium sulphate.....	tons	805	9,995
	tons	5,659	11,319
TOTAL.....	-	-	670,950

PRINCIPAL STATISTICS RELATING TO MISCELLANEOUS NON-METALLIC MINERAL INDUSTRIES IN CANADA, 1926 and 1927.

	1926	1927
Number of firms.....	31	32
Capital employed.....	\$ 3,533,123	\$ 3,315,380
Number of employees -		
On salary.....	32	31
On wages.....	229	273
TOTAL.....	261	304
Salaries and Wages -		
Salaries.....	\$ 51,045	\$ 45,910
Wages.....	\$ 213,487	\$ 267,428
TOTAL.....	\$ 264,532	\$ 313,338
Cost of fuel and electricity.....	\$ 90,681	\$ 85,302
Selling value of products.....	\$ 581,752	\$ 670,950

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