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DOMINION BUREAU OF STATISTICS - CANADA

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## PRELIMINARY SUMMARY REPORT ON THE MINERAL INDUSTRY OF CANADA, 1927.

Foreword:- Supplementing the preliminary report on the mineral production of Canada in 1927, the Bureau of Statistics has prepared an industrial survey of this important field, showing number of plants, capital employed, number of employees, salaries and wages, and net income from sales. The "sales" figure does not correspond exactly to the "mineral production" figure used in statistical records which takes account of recoverable metals in ores and concentrates exported, at a value that is, in some cases, arbitrarily determined according to a method which permits accurate comparison to be made from year to year.

An increase of 17.85 million dollars in the capital employed in Canada's mineral industry in 1927 over the total for 1926 is shown in the preliminary report on the industry, prepared in the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics. There were 10,256 metal mines, metallurgical works, coal mines, oil and gas wells, other non-metallic mines and quarries, cement plants, lime kilns, brick and tile plants and sand and gravel pits in operation during the year. Capital employed, as represented by cost of properties, plant and liquid assets, amounted to \$706,602,942; employees numbered 82,530; salaries and wages totalled \$103,432,019; and the net value of sales from these various mining and metallurgical industries was \$248,385,031; or 4.6 per cent more than in 1926.

In the metal mining industry capital employed in 1,553 plants totalled \$332,820,985. Metal mining and non-ferrous metallurgical industries gave work to an average of 25,985 people throughout the year, and provided \$40,400,790 in salaries and wages. Shipments of bullion, ores, concentrates and residues from Canadian mines in 1927 were valued at \$75,204,350 after deducting freight and treatment charges. Sales from non-ferrous metallurgical plants in Canada, less the estimated cost of ores treated, realized \$45,479,578.

Employing on the average 31,754 people and paying \$41,147,075 in salaries and wages, the 5,524 plants in the fuels group represented a capital investment in money, lands, and plant of \$223,539,033 of which 65 per cent was employed in coal mining. Sales of coal, natural gas and crude oil during the year returned \$67,388,065 to the operators, an increase of more than 3 per cent over 1926.



Capital employed in the 165 other non-metal mining industries amounted to \$53,978,632; salaried employees and wage-earners numbered 5,989 people and payments in salaries and wages totalled \$6,624,902. Sales from the mines of this group realized \$17,26,546, an increase of 3.3 million dollars over the total for the preceding year.

Clay products industries and plants producing other structural materials such as cement, lime, sand and gravel and stone, numbering 3,014 and representing a capital investment of \$96,264,292, gave work to 18,802 people and paid out \$15,259,252 in salaries and wages. The products of this group sold for \$42,886,492, an increase of 2.9 million dollars over the total for 1926.

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Canada's mineral industry is fairly well represented in each of the provinces except Prince Edward Island. In 1927 Ontario ranked first with a capital investment of \$278,698,422 and plants numbering 5,665. On the average, 21,046 people were actively engaged in the operating mines of the province during the year; salaries and wages amounted to \$28,603,100. Sales of the products resulting from the various mining operations totalled \$87,944,242. British Columbia held second place in the value of sales at \$57,750,400 and Quebec stood third at \$39,064,753. Alberta, Nova Scotia, Manitoba, New Brunswick, the Yukon and Saskatchewan followed in the order named.

Ontario's principal mineral products are gold, silver, nickel and copper, but in addition there is a production in this province of almost every other economic mineral with the exception of coal and tin. British Columbia produces lead, zinc, copper, gold and silver among the metals as well as considerable tonnages of coal and other non-metallic minerals and structural materials. Quebec's asbestos fields continued to supply by far the greater part of the world's tonnage of this useful commodity; lead, zinc, gold and silver were also reported. Developments in the Rouyn field in Quebec were watched with interest by the mining world during the year. Alberta, Nova Scotia, New Brunswick and Saskatchewan produced large tonnages of coal in addition to other minerals. Manitoba's mines yielded gold and silver. In addition there was an important production of building stone from the quarries of this province. Silver-lead ores from the Mayo district in the Yukon Territory were shipped during the season of navigation and placer gold mining was continued as in former years.

Thus, the general statistics of Canada's mineral industry reflect the prosperity indicated by the production figures published earlier in the year. In every item the records for 1927 showed improvement over the totals for 1926.



PRINCIPAL STATISTICS OF THE MINING INDUSTRY IN CANADA, 1923 - 1927.

1927 figures are subject to revision.

Year	Number of operating plants or mines	Capital employed \$	Number of Employees	Salaries and wages paid \$	Net income from sales \$
<u>METAL MINING INDUSTRIES</u>					
Auriferous Quartz					
1923 .....	65	77,574,976	5,524	8,961,434	25,021,837
1924 .....	70	83,982,765	6,738	10,500,140	31,298,107
1925 .....	52	84,964,062	7,052	11,931,948	35,035,361
1926 .....	60	103,945,022	7,663	12,340,623	35,171,561
1927 .....	69	112,550,608	7,897	12,765,755	37,477,684
Copper-Gold-Silver					
1923 .....	14	19,108,072	1,790	3,004,292	4,361,486
1924 .....	15	19,099,845	2,118	3,292,228	5,226,859
1925 .....	41	23,200,580	2,374	3,555,844	7,758,990
1926 .....	84	27,936,685	3,403	4,546,493	9,973,049
1927 .....	120	27,897,773	4,076	5,485,407	9,722,615
Placer Gold					
1923 .....	1,467	10,703,650	307	467,807	1,646,705
1924 .....	1,404	21,871,256	264	389,079	1,038,013
1925 .....	1,419	22,095,669	363	347,448	1,270,419
1926 .....	1,179	4,702,808	285	339,841	879,886
1927 .....	1,189	5,316,456	358	396,734	787,749
Silver-Cobalt					
1923 .....	24	31,334,050	1,408	1,949,738	6,521,853
1924 .....	34	41,013,466	1,769	2,534,304	6,594,032
1925 .....	38	44,045,619	1,788	2,576,414	6,611,644
1926 .....	37	40,504,721	1,779	2,815,930	5,470,433
1927 .....	28	30,123,645	1,458	2,254,663	4,659,735
Silver-Lead-Zinc					
1923 .....	93	9,203,997	1,352	2,024,752	6,620,067
1924 .....	94	12,328,511	1,936	2,943,635	16,600,970
1925 .....	94	15,735,930	2,538	3,867,613	21,902,686
1926 .....	127	22,699,417	2,924	4,431,730	26,190,034
1927 .....	126	27,897,590	3,092	4,763,164	17,323,919
Nickel-Copper					
1923 .....	4	23,168,212	1,081	1,421,086	3,562,065
1924 .....	7	37,189,778	1,421	1,880,823	4,235,934
1925 .....	6	38,691,594	1,412	1,867,217	3,794,244
1926 .....	6	38,593,359	1,437	1,963,617	4,627,175
1927 .....	6	39,272,609	1,617	2,486,313	5,223,668
(a) Miscellaneous					
1923 .....	6	5,504,796	42	34,687	463,960
1924 .....	4	5,000	42	16,436	71,422
1925 .....	3	109,583	33	17,301	23,110
1926 .....	2	87,588	25	10,626	11,072
1927 .....	5	631,600	65	23,944	8,980
Non-Ferrous Metal Smelting and Refining					
1923 .....	10	64,290,931	4,968	7,930,236	20,414,963
1924 .....	9	66,337,664	5,521	8,136,251	21,760,273
1925 .....	6	61,691,928	5,104	8,568,997	29,304,384
1926 .....	9	81,779,240	6,226	9,584,938	33,615,909
1927 .....	10	89,130,704	7,422	12,224,810	45,479,578



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PRINCIPAL STATISTICS OF THE MINING INDUSTRY IN CANADA - 1923-1927 continued  
1927 figures are subject to revision.

Year	Number of operating plants or mines	Capital employed \$	Number of Employees	Salaries and wages paid \$	Net income from sales \$
<b>TOTAL METAL MINING INDUSTRIES</b>					
1923 .....	1,683	240,889,284	16,472	25,794,032	68,612,936
1924 .....	1,637	281,828,285	19,809	29,692,896	86,825,610
1925 .....	1,659	290,534,965	20,664	32,732,782	105,700,838
1926 .....	1,504	320,248,840	23,742	36,033,798	115,939,119
1927 .....	1,553	332,820,985	25,985	40,400,790	120,683,928
<b>NON-METAL MINING INDUSTRIES INCLUDING FUELS</b>					
<b>...Fuels...</b>					
<b>Coal</b>					
1923 .....	507	143,447,448	32,046	46,215,712	68,817,610
1924 .....	520	146,711,531	27,183	35,123,490	50,633,113
1925 .....	511	145,006,440	25,032	33,200,309	46,835,788
1926 .....	457	148,278,315	28,368	35,841,796	56,494,375
1927 .....	450	145,800,627	29,851	38,787,645	58,428,953
<b>Natural Gas</b>					
1923 .....	2,060	38,722,854	867	1,050,366	5,675,493
1924 .....	2,031	50,561,757	1,240	1,315,405	5,512,570
1925 .....	2,236	48,895,802	1,059	1,206,875	6,588,424
1926 .....	2,255	57,231,261	1,254	1,448,778	7,350,170
1927 .....	2,250	59,895,960	1,268	1,457,834	7,438,967
<b>Petroleum</b>					
1923 .....	2,694	2,934,213	151	118,231	522,018
1924 .....	2,473	5,650,086	158	152,957	467,400
1925 .....	2,885	7,954,722	259	318,101	1,250,705
1926 .....	2,822	17,639,142	634	788,843	1,311,665
1927 .....	2,824	17,842,446	635	901,596	1,520,145
<b>Total Fuels</b>					
1923 .....	5,261	185,104,515	33,064	47,384,309	75,015,121
1924 .....	5,024	202,923,374	28,581	36,591,852	56,613,083
1925 .....	5,632	201,856,964	26,350	34,725,285	54,674,917
1926 .....	5,534	223,148,718	30,256	38,079,417	65,156,210
1927 .....	5,524	223,539,033	31,754	41,147,075	67,388,065
<b>Other Non-Metal Mining Industries</b>					
<b>Asbestos</b>					
1923 .....	16	42,715,557	3,165	3,607,178	7,522,506
1924 .....	15	43,216,966	2,597	2,977,304	6,710,830
1925 .....	19	38,133,046	2,582	2,997,107	8,988,360
1926 .....	16	34,905,096	2,797	3,544,097	10,099,423
1927 .....	15	35,160,475	2,963	3,761,192	10,624,106
<b>Feldspar</b>					
1923 .....	25	948,973	298	193,001	237,601
1924 .....	25	953,525	290	223,937	358,540
1925 .....	25	712,329	240	165,766	235,789
1926 .....	30	582,350	410	213,571	310,238
1927 .....	24	390,300	250	165,592	250,954
<b>Graphite</b>					
1923 .....	3	552,947	62	27,826	67,873
1924 .....	4	647,947	75	55,449	76,117
1925 .....	6	902,310	106	75,021	158,763
1926 .....	3	1,132,273	68	63,064	194,860
1927 .....	3	1,613,528	93	71,914	111,713



PRINCIPAL STATISTICS OF THE MINING INDUSTRY IN CANADA, 1923-1927 continued.

1927 figures are subject to revision.

Year	Number of operating plants or mines	Capital employed \$	Number of Employees	Salaries and wages paid \$	Net income from sales \$
Gypsum					
1923 .....	16	4,249,628	1,225	1,017,556	2,243,100
1924 .....	15	4,423,697	1,219	1,114,468	2,208,108
1925 .....	16	4,506,995	1,039	1,018,585	2,389,891
1926 .....	19	5,696,077	1,368	1,255,427	2,770,813
1927 .....	19	8,689,196	1,352	1,293,806	3,214,356
Iron Oxides					
1923 .....	6	209,340	60	49,056	129,636
1924 .....	5	193,633	38	33,221	91,160
1925 .....	5	173,940	47	35,454	91,913
1926 .....	5	178,078	45	38,348	101,843
1927 .....	5	153,308	48	38,680	103,368
Mica					
1923 .....	33	223,650	219	112,469	326,974
1924 .....	50	249,876	223	127,201	357,272
1925 .....	36	190,144	269	123,079	261,463
1926 .....	22	186,478	208	128,269	229,204
1927 .....	24	318,432	150	112,616	182,421
Natural Abrasives					
1923 .....	5	160,094	62	50,200	80,083
1924 .....	5	156,095	76	64,312	130,824
1925 .....	8	154,733	62	55,466	126,490
1926 .....	8	358,342	102	90,069	152,433
1927 .....	7	350,457	114	91,035	132,402
Quartz					
1923 .....	12	1,044,456	278	284,189	599,250
1924 .....	11	991,863	171	172,397	323,156
1925 .....	15	1,005,159	153	145,494	363,612
1926 .....	18	1,056,705	243	208,839	553,161
1927 .....	19	918,466	272	237,319	385,400
Salt					
1923 .....	12	2,406,992	368	412,597	1,713,516
1924 .....	12	2,479,563	364	431,618	1,374,780
1925 .....	13	2,563,508	402	467,487	1,410,697
1926 .....	12	2,782,728	384	482,651	1,480,149
1927 .....	11	3,194,802	376	499,967	1,623,557
Talc and Soapstone					
1923 .....	6	679,337	60	59,321	150,507
1924 .....	6	695,786	61	59,220	154,480
1925 .....	7	744,037	92	74,519	205,835
1926 .....	6	681,434	92	74,634	217,195
1927 .....	8	715,439	120	87,621	235,749
Miscellaneous					
1923 .....	29	4,809,738	199	230,562	400,064
1924 .....	34	2,428,619	136	82,937	240,718
1925 .....	28	2,080,481	218	149,655	273,327
1926 .....	28	2,400,850	193	201,468	386,892
1927 .....	30	2,474,229	251	265,160	562,520



PRINCIPAL STATISTICS OF THE MINING INDUSTRY IN CANADA, 1923-1927. continued.  
1927 figures are subject to revision.

Year	Number of operating plants or mines	Capital employed \$	Number of Employees	Salaries and wages paid \$	Net Income from sales \$
<u>TOTAL OTHER NON-METAL MINING INDUSTRIES</u>					
1923 .....	163	58,000,712	5,996	6,043,955	13,471,110
1924 .....	182	56,437,570	5,250	5,342,064	12,025,985
1925 .....	178	51,166,682	5,210	5,307,633	14,506,140
1926 .....	167	50,960,411	5,910	6,300,437	16,496,211
1927 .....	165	53,978,632	5,989	6,624,902	17,426,546
<u>TOTAL NON-METAL MINING INDUSTRIES INCLUDING FUELS</u>					
1923 .....	5,424	243,105,227	39,060	53,428,264	88,486,231
1924 .....	5,206	259,360,944	33,831	41,933,916	68,639,068
1925 .....	5,810	253,023,646	31,560	40,032,918	69,181,057
1926 .....	5,701	274,109,129	36,166	44,379,854	81,652,421
1927 .....	5,689	277,517,665	37,743	47,771,977	84,814,611
<u>CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS</u>					
<u>Clay Products</u>					
<u>Brick and Tile</u>					
1923 .....	204	24,866,834	3,954	4,045,487	8,220,269
1924 .....	192	24,423,104	3,332	3,071,379	7,046,355
1925 .....	173	22,410,450	3,403	3,167,926	7,374,551
1926 .....	184	23,034,976	3,644	3,468,052	8,146,514
1927 .....	173	24,094,001	3,866	3,910,675	8,820,076
<u>Clay Sewer Pipe</u>					
1923 .....	5	3,022,522	459	561,515	1,421,002
1924 .....	5	3,149,838	467	596,598	1,343,197
1925 .....	5	2,810,782	382	461,527	1,182,454
1926 .....	5	3,026,076	407	497,512	1,177,247
1927 .....	5	3,247,480	421	506,730	1,137,284
<u>Fire Brick and Other Fire Clay products</u>					
1923 .....	6	1,786,353	192	286,377	605,968
1924 .....	7	1,850,385	208	258,416	584,838
1925 .....	6	2,114,738	220	274,919	702,707
1926 .....	5	1,780,967	188	249,471	706,984
1927 .....	5	2,009,947	204	263,910	715,608
<u>Stone Ware and Pottery</u>					
1923 .....	4	314,862	119	117,221	230,924
1924 .....	6	387,667	113	114,925	240,687
1925 .....	4	424,894	131	129,703	269,979
1926 .....	4	310,043	149	130,254	322,726
1927 .....	5	359,918	153	147,687	311,085
<u>(x) Total Clay Products</u>					
1923 .....	221	32,294,371	4,730	5,011,700	10,483,016
1924 .....	210	29,810,994	4,120	4,041,318	9,215,077
1925 .....	188	27,760,864	4,136	4,034,075	9,529,691
1926 .....	200	28,152,062	4,395	4,346,687	10,357,323
1927 .....	191	29,737,650	4,671	4,848,600	10,994,674
<u>Other Structural Materials</u>					
<u>Cement</u>					
1923 .....	10	38,284,494	1,842	2,551,784	15,064,661
1924 .....	10	36,766,574	1,837	2,531,622	13,398,411
1925 .....	11	38,081,583	1,926	2,511,400	14,046,704
1926 .....	12	41,380,000	2,340	3,052,662	13,013,283
1927 .....	12	40,509,319	2,370	3,143,932	14,391,897



PRINCIPAL STATISTICS OF THE MINING INDUSTRY IN CANADA, 1923-1927. concluded.  
1927 figures are subject to revision.

Year	Number of operating plants or mines	Capital employed \$	Number of employees Lime	Salaries and wages paid \$	Net income from sales \$
1923 .....	56	6,050,954	1,197	1,191,416	3,266,608
1924 .....	49	5,165,964	927	970,672	3,178,541
1925 .....	62	5,154,046	1,006	960,434	3,387,652
1926 .....	60	5,825,809	1,106	1,082,854	3,781,484
1927 .....	59	6,343,510	1,181	1,213,006	3,927,084
Sand and Gravel					
1923 .....	598	4,487,005	801	692,161	3,016,518
1924 .....	558	5,194,037	927	848,741	3,181,083
1925 .....	622	5,286,268	1,650	1,231,856	3,220,410
1926 .....	1,634	6,274,090	5,672	1,557,232	4,941,434
1927 .....	2,541	7,212,844	5,446	1,758,144	4,773,992
Stone					
1923 .....	158	13,725,677	2,850	2,665,520	5,920,578
1924 .....	170	14,317,148	2,877	2,768,256	6,407,757
1925 .....	201	12,233,773	4,148	3,599,653	7,464,777
1926 .....	234	12,760,078	4,510	3,763,726	7,865,874
1927 .....	211	12,460,969	5,134	4,295,570	8,798,845
Total Other Structural Materials					
1923 .....	822	62,548,130	6,690	7,100,881	27,268,365
1924 .....	787	61,443,723	6,568	7,119,291	26,165,792
1925 .....	896	60,755,670	8,730	8,303,343	28,119,543
1926 .....	1,940	66,239,977	13,628	9,456,474	29,602,075
1927 .....	2,823	66,526,642	14,131	10,410,652	31,891,818
TOTAL CLAY PRODUCTS AND OTHER STRUCTURAL MATERIALS					
1923 .....	1,043	94,842,501	11,420	12,112,581	37,751,381
1924 .....	997	91,254,717	10,688	11,160,609	35,380,869
1925 .....	1,084	88,516,534	12,866	12,337,418	37,649,234
1926 .....	2,140	94,392,039	18,023	13,803,161	39,959,398
1927 .....	3,014	96,264,292	18,802	15,259,252	42,886,492
GRAND TOTAL OF ALL MINING INDUSTRIES					
1923 .....	8,150	578,837,012	66,952	91,334,877	194,850,548
1924 .....	7,840	632,443,946	64,328	82,787,421	190,845,547
1925 .....	8,553	632,075,145	65,090	85,103,118	212,531,129
1926 .....	9,345	688,750,008	77,931	94,216,813	237,550,938
1927 .....	10,256	706,602,942	82,530	103,432,019	248,385,031
(a) Includes value of pig iron made from Canadian Ore deducting the net value of ores treated in 1923 and 1924.					
(x) Including kaolin and other clays.					
TOTAL, BY PROVINCES, 1927.					
Nova Scotia ....	99	63,136,721	15,540	17,952,265	27,386,208
New Brunswick ..	103	2,908,540	1,119	948,417	2,010,434
Quebec .....	2,376	120,620,608	17,311	15,312,307	39,064,753
Ontario .....	5,665	278,698,422	21,046	28,603,100	87,944,242
Manitoba .....	33	11,692,280	820	1,180,009	2,832,828
Saskatchewan ...	70	5,049,939	746	744,117	1,318,552
Alberta .....	470	107,130,886	10,969	15,525,930	28,644,767
Br. Columbia ...	284	110,754,215	14,645	22,550,260	57,750,433
Yukon .....	1,156	6,611,331	334	615,614	1,432,814
CANADA .....	10,256	706,602,942	82,530	103,432,019	248,385,031

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