

Statistical Report

This statistical summary of the mineral industry in Canada has been compiled by the staff of the Minerals and Mining Statistics Division, Minerals and Metals Sector, Natural Resources Canada (NRCan), under the general direction of Yvan Gauthier, Director.

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Statistics contained in this summary are obtained from a variety of sources. Principal sources include the statistical survey program of NRCan, Statistics Canada, and Labour Canada. The statistical survey program of the Minerals and Mining Statistics Division of NRCan is conducted jointly with the provincial governments and Statistics Canada in order to minimize the reporting burden on the mineral industry. The cooperation of the companies providing information is greatly appreciated.

As the tables in this Report are updated, they will be made available on the Minerals and Metals Sector's FactsLine, which can be accessed by dialing (613) 947-6767 **from your fax phone**.

(Note to Reader: We continue to review the tables of this Report in order to establish the requirements of users. We would appreciate your feedback on which tables are important to you. Please contact Laurie Morrison at (613) 992-6767 to provide your input.)

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CANADA, GENERAL ECONOMIC INDICATORS, 1986-95

		1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Gross domestic product, current dollars	\$ millions	505 666	551 597	605 906	650 748	669 467	676 477	690 122	712 855	750 053	780 027
Gross domestic product, 1986 prices	"	505 666	526 730	552 958	566 486	565 155	555 052	559 305	571 722	597 936	611 300
Mining's gross domestic product (1986 prices)	"	17 502	18 632	20 422	19 621	19 570	19 907	20 329	21 344	22 681	23 676
Manufacturing's gross domestic product (1986 prices)	"	86 797	90 967	95 600	96 454	92 857	86 285	87 422	91 586	97 977	102 417
Industrial production's gross domestic product (1986 prices)	"	120 364	126 226	132 919	132 729	128 318	122 910	124 291	129 893	138 370	143 816
Value of manufacturing industry shipments	"	253 343	272 037	297 692	308 987	299 195	280 504	286 307	309 963	349 895	388 084
Value of mineral production	"	32 446	36 361	36 955	39 333	40 778	35 190	35 404	36 564	41 151	43 368
Merchandise exports	"	120 318	126 340	137 779	141 514	145 555	140 233	155 402	181 251	217 854	253 536
Merchandise imports	"	110 374	115 119	128 862	135 455	136 859	136 617	149 201	171 928	202 807	225 251
Balance of payments, current account	"	-14 053	-15 643	-21 114	-26 948	-25 224	-27 038	-25 895	-28 794	-22 299	-13 123
Corporation profits before taxes	"	45 355	56 571	64 667	60 093	44 814	34 829	35 060	42 135	57 357	65 850
Business investment, current dollars	"	88 993	103 831	119 100	130 812	124 766	115 570	112 759	113 068	122 427	120 155
Business investment, (1986 prices)	"	88 993	99 693	110 794	117 153	111 492	107 005	105 202	105 761	113 669	113 391
Population (at October 1)	000	26 293	26 648	27 037	27 506	27 906	28 232	28 670	29 058	29 365	29 733
Labour force	"	12 746	13 011	13 275	13 503	13 681	13 757	14 482	14 663	14 832	14 928
Employed	"	11 531	11 861	12 245	12 486	12 572	12 340	12 842	13 015	13 292	13 506
Unemployed	"	1 215	1 150	1 031	1 018	1 109	1 417	1 640	1 649	1 541	1 422
Unemployment rate	percent	9.6	8.9	7.8	7.5	8.1	10.4	11.3	11.2	10.4	9.5
Labour income	\$ millions	271 853	295 691	324 412	349 848	368 090	387 296	390 741	393 934	406 232	418 551
Consumer price index 1986 = 100		100.0	104.4	108.6	114.0	119.5	126.2	128.1	130.4	130.7	133.5
Canada-U.S. exchange rate	C\$/US\$	1.3894	1.3260	1.2309	1.1842	1.1668	1.1457	1.2083	1.2898	1.3659	1.3726

Source: Statistics Canada, catalogue nos. 11-010, 11-210, 26-202 and 91-002.

Note: Data in this table are subject to revision.

TABLE 1. MINERAL PRODUCTION OF CANADA, 1993-95, AND AVERAGE, 1991-95

	Unit of Measure	1993		1994		1995P		Average 1991-95	
		(000)	(Quantity) (\$000)	(Quantity) (\$000)	(Quantity) (\$000)	(Quantity) (\$000)	(Quantity) (\$000)	(Quantity) (\$000)	
METALS									
Antimony	kg	566	1 237	540	2 894	665	4 658	599	2 273
Bismuth	kg	129	861	129	1 196	126	1 451	130	1 063
Cadmium	kg	1 161	1 490	1 500	5 166	1 549	8 675	1 430	5 284
Calcium	kg	x	x	x	x	-	-	125	1 349
Cesium, pollucite	kg	x	x	x	x	x	x	180	490
Cobalt	kg	2 150	82 187	1 846	134 709	2 148	187 315	2 108	122 623
Columbium (niobium) (Cb ₂ O ₅)	kg	x	x	x	x	x	x	3 032	22 100
Copper	kg	709 650	1 796 963	590 784	1 909 644	704 863	2 848 352	709 471	2 160 830
Gold	g	153 129	2 284 991	146 428	2 468 926	149 026	2 534 940	156 843	2 353 726
Ilmenite	t	x	x	x	x	x	x	327	18 889
Indium	g	x	x	x	x	x	x	33 646	8 621
Iron ore	t	33 228	1 054 364	36 416	1 214 862	37 130	1 212 040	34 756	1 158 845
Iron remelt	t	x	x	x	x	x	x	576	182 198
Lead	kg	183 105	95 947	167 584	125 353	203 050	172 592	228 293	170 813
Lithium	kg	x	x	x	x	x	x	1 307	6 214
Magnesium	kg	x	x	x	x	x	x	4 653	19 458
Molybdenum	kg	10 250	65 095	9 759	113 365	8 482	211 138	9 760	101 556
Nickel	kg	178 529	1 219 172	141 974	1 229 354	166 842	1 964 562	170 600	1 544 564
Platinum group	g	11 819	123 610	13 422	144 538	15 109	173 314	12 557	144 364
Rhenium	kg	x	x	x	x	x	x	2	781
Rubidium	kg	x	x	-	-	x	x	2	28
Selenium	kg	542	6 900	566	5 857	553	5 530	446	5 447
Silver	kg	879	156 793	740	171 767	1 195	276 136	1 049	194 223
Tantalum (Ta ₂ O ₅)	kg	14	1 093	44	3 734	32	3 063	52	4 424
Tellurium	kg	27	999	42	1 342	91	1 856	40	1 443
Tin	kg	-	-	-	-	-	-	890	5 153
Uranium (U)	kg	8 697	492 846	11 200	616 268	10 094	539 004	9 453	561 988
Zinc	kg	990 727	1 229 493	976 309	1 330 709	1 093 541	1 556 108	1 067 864	1 458 538
Total metals			8 871 326		9 749 519		11 993 625		10 257 301
NONMETALS									
Asbestos	t	523	222 821	531	232 721	511	233 679	568	238 254
Barite	t	38	3 322	65	4 907	57	4 785	48	3 776
Gemstones	kg	1 584	768	1 212	1 032	1 593	1 211	1 243	903
Graphite	t	x	x	x	x	x	x	21	13 887
Gypsum	t	7 563	82 973	8 587	96 641	7 974	90 725	7 629	82 763
Magnesite	t	x	x	x	x	x	x	171	24 668
Marl	t	x	x	x	x	x	x	1	14
Mica	t	x	x	x	x	x	x	19	8 565
Nepheline syenite	t	549	33 963	602	34 124	616	36 234	562	31 507
Peat	t	830	128 773	914	133 345	1 010	143 641	883	124 552
Potash (K ₂ O)	t	6 880	946 438	8 517	1 287 086	8 848	1 462 435	7 674	1 121 749
Potassium sulphate	t	x	x	x	x	x	x	5	1 618
Salt	t	10 993	280 059	12 244	300 723	10 772	267 895	11 394	274 857
Serpentine	t	x	x	x	x	x	x	3	499
Soapstone, talc and pyrophyllite	t	111	13 386	126	16 722	113	16 534	116	14 610
Sodium sulphate	t	318	24 389	317	25 196	301	23 826	310	24 012
Sulphur in smelter gas	t	794	97 504	805	44 832	829	58 927	792	75 701
Sulphur, elemental	t	7 473	8 966	7 900	121 020	7 977	206 936	7 202	160 587
Titanium dioxide	t	x	x	x	x	x	x	574	227 564
Tremolite	t	x	x	x	x	x	x	...	57
Zeolite	t	-	-	x	x	-	-	...	54
Total nonmetals			2 111 495		2 610 150		2 840 557		2 430 199
MINERAL FUELS									
Coal	t	69 029	1 767 600	72 824	1 811 650	74 720	1 902 600	70 664	1 813 586
Natural gas	000 m ³	128 817	7 490 619	138 856	9 428 640	148 481	6 845 586	127 612	6 975 511
Natural gas by-products	m ³	30 163	2 865 402	22 666	1 623 509	24 917	1 751 161	25 880	2 170 616
Petroleum	m ³	97 306	11 090 642	110 452	13 345 054	114 802	15 424 498	101 121	12 244 870
Total fuels			23 214 263 ^r		26 208 853		25 923 845		23 204 583
STRUCTURAL MATERIALS									
Clay products	\$	..	101 130	..	113 924	..	104 510	..	110 908
Cement	t	9 394	724 091	10 584	838 130	10 722	876 466	9 733	786 376
Lime	t	2 379	197 487	2 449	200 347	2 516	210 109	2 421	198 559
Sand and gravel	t	238 137	799 240	245 278	870 107	239 870	860 084	235 895	805 505
Stone	t	89 370	525 942	92 502	559 890	92 224	558 577	90 248	540 099
Total structural materials			2 347 891 ^r		2 582 398		2 609 747		2 441 448
Total all minerals			36 544 975 ^r		41 150 919		43 367 774		38 333 530

Sources: Natural Resources Canada; Statistics Canada.

- Nil; .. Not available; ... Amount too small to be expressed; p Preliminary; r Revised; x Confidential.

Notes: Numbers may not add to totals due to rounding. Confidential values are included in totals.

TABLE 2. CANADA, VALUE OF MINERAL PRODUCTION, PER CAPITA VALUE OF MINERAL PRODUCTION, AND POPULATION, 1965-95

	Metals	Industrial Minerals	Mineral Fuels	Other Minerals ¹	Total	Per Capita Value of Mineral Production	Population of Canada
	(\$ millions)					(\$)	(000)
1965	1 908	761	1 046		3 715	189.11	19 644
1966	1 985	844	1 152		3 981	198.88	20 015
1967	2 285	861	1 235		4 381	214.98	20 378
1968	2 493	886	1 343		4 722	228.12	20 701
1969	2 378	893	1 465		4 736	225.51	21 001
1970	3 073	931	1 718		5 722	268.68	21 297
1971	2 940	1 008	2 014		5 963	276.46	21 568
1972	2 956	1 085	2 368		6 408	293.92	21 802
1973	3 850	1 292	3 227		8 370	379.69	22 043
1974	4 821	1 731	5 202		11 753	525.55	22 364
1975	4 795	1 898	6 653		13 347	588.05	22 697
1976	5 315	2 269	8 109		15 693	682.51	22 993
1977	5 988	2 612	9 873		18 473	793.74	23 273r
1978	5 698	2 986	11 578		20 261	861.55	23 517r
1979	7 951	3 514	14 617		26 081	1 098.29	23 747r
1980	9 697	4 201	17 944		31 842	1 324.39	24 043r
1981	8 753	4 485	19 046	136	32 420	1 331.88	24 342r
1982	6 874	3 703	23 038	216	33 831	1 376.21	24 583r
1983	7 399	3 741	27 154	245	38 539	1 554.79	24 787r
1984	8 670	4 318	30 399	401	43 789	1 753.09	24 978r
1985	8 709	4 859	31 120	41	44 730	1 777.43	25 165r
1986	8 798	4 863	18 763	22	32 446	1 279.77	25 353
1987	10 962	5 125	20 274		36 361	1 419.39	25 617
1988	13 608	5 574	17 773		36 955	1 426.32	25 909
1989	13 982	5 566	19 785		39 333	1 498.97	26 240
1990	12 500	5 289	22 990		40 778	1 532.42	26 610
1991	10 462	4 783	19 945		35 190	1 303.13	27 004
1992	10 210r	4 473r	20 731		35 414r	1 245.38r	28 436r
1993	8 871	4 459	23 214		36 545	1 271.00	28 753
1994	9 750	5 193	26 209		41 151	1 439.20	28 593
1995p	11 994	5 450	25 924		43 368	1 516.73	29 606

Sources: Natural Resources Canada; Statistics Canada.

p Preliminary; r Revised.

¹ 1981-86: Other minerals may include arsenious trioxide, bentonite, calcium, cesium, cobalt, diatomite, ilmenite, indium, iron remelt, lithium, marl, magnesium, niobium, perlite, rhenium, serpentine, sodium antimonate, strontium, tin, tungsten or yttrium, for which the value of production may be confidential in that year. Beginning in 1987, this category was discontinued.

Notes: Beginning in 1986, bentonite, diatomite and sodium antimonate are reported in industrial minerals. Numbers may not add to totals due to rounding.

TABLE 3. CANADA, VALUE OF MINERAL PRODUCTION BY PROVINCE, TERRITORY AND MINERAL CLASS, 1995^P

	Metals		Industrial Minerals		Mineral Fuels		Total	
	(\$000)	(% of total)	(\$000)	(% of total)	(\$000)	(% of total)	(\$000)	(% of total)
Alberta	349	. . .	576 280	10.6	20 253 356	78.1	20 829 984	48.0
Ontario	4 371 931	36.5	1 369 467	25.1	91 476	0.4	5 832 874	13.4
Saskatchewan	475 904	4.0	1 343 547	24.7	2 814 600	10.9	4 634 051	10.7
British Columbia	2 036 413	17.0	438 564	8.0	2 048 263	7.9	4 523 240	10.4
Quebec	1 995 184	16.6	1 086 956	19.9	—	—	3 082 140	7.1
Manitoba	887 618	7.4	71 166	1.3	93 354	0.4	1 052 139	2.4
New Brunswick	679 841	5.7	298 023	5.5	24 100	0.1	1 001 964	2.3
Newfoundland	867 137	7.2	38 915	0.7	—	—	906 051	2.1
Northwest Territories	519 740	4.3	18 396	0.3	215 216	0.8	753 352	1.7
Nova Scotia	—	—	200 809	3.7	365 006	1.4	565 815	1.3
Yukon	159 508	1.3	7 000	0.1	18 474	0.1	184 981	0.4
Prince Edward Island	—	—	1 181	—	—	—	1 181	—
Total	11 993 625	100.0	5 450 304	100.0	25 923 845	100.0	43 367 774	100.0

Sources: Natural Resources Canada; Statistics Canada.

— Nil; . . . Amount too small to be expressed; ^p Preliminary.

Note: Numbers may not add to totals due to rounding.

TABLE 3a. CANADA, VALUE OF MINERAL PRODUCTION BY PROVINCE, TERRITORY AND MINERAL CLASS, 1994

	Metals		Industrial Minerals		Mineral Fuels		Total	
	(\$000)	(% of total)	(\$000)	(% of total)	(\$000)	(% of total)	(\$000)	(% of total)
Alberta	569	. . .	505 426	9.7	20 579 001	78.5	21 084 996	51.2
Ontario	3 482 697	35.7	1 351 863	26.0	86 792	0.3	4 921 352	12.0
Saskatchewan	540 231	5.5	1 173 235	22.6	2 511 733	9.6	4 225 199	10.3
British Columbia	1 354 351	13.9	417 231	8.0	2 294 579	8.8	4 066 161	9.9
Quebec	1 824 869	18.7	1 131 396	21.8	—	—	2 956 265	7.2
New Brunswick	543 446	5.6	290 149	5.6	28 450	0.1	862 044	2.1
Newfoundland	796 887	8.2	40 562	0.8	—	—	837 449	2.0
Manitoba	664 532	6.8	72 069	1.4	83 844	0.3	820 445	2.0
Northwest Territories	485 337	5.0	11 069	0.2	183 863	0.7	680 270	1.7
Nova Scotia	—	—	191 349	3.7	418 437	1.6	609 786	1.5
Yukon	56 600	0.6	7 010	0.1	22 154	0.1	85 764	0.2
Prince Edward Island	—	—	1 190	. . .	—	—	1 190	. . .
Total	9 749 519	100.0	5 192 547	100.0	26 208 853	100.0	41 150 919	100.0

Sources: Natural Resources Canada; Statistics Canada.

— Nil; . . . Amount too small to be expressed.

Note: Numbers may not add to totals due to rounding.

TABLE 4. CANADA, VALUE OF MINERAL PRODUCTION BY PROVINCE AND TERRITORY, 1989-95

	1989	1990	1991	1992	1993	1994	1995P
	(\$ millions)						
Alberta	16 456	19 111	16 373	16 885	18 925	21 085	20 830
Ontario	7 308	6 446	5 101	4 776	4 534	4 921	5 833
Saskatchewan	3 017	3 183	2 863	3 158	3 238	4 225	4 634
British Columbia	4 123	3 954	3 840	3 500	3 538	4 066	4 523
Quebec	2 878	3 037	2 930	2 694	2 692	2 956	3 082
Manitoba	1 668	1 311	1 125	1 082	862	820	1 052
New Brunswick	859	878	671	910	772	862	1 002
Newfoundland	897	866	772	706	699	837	906
Northwest Territories	1 149	988	703	681	585	680	753
Nova Scotia	442	459	460	523	558	610	566
Yukon	534	542	349	496	141	86	185
Prince Edward Island	2	3	3	2	1	1	1
Total	39 333	40 778	35 190	35 414	36 545 ^r	41 151	43 368

Sources: Natural Resources Canada; Statistics Canada.

P Preliminary; ^r Revised.

Note: Numbers may not add to totals due to rounding.

TABLE 5. CANADA, PRODUCTION OF LEADING MINERALS, 1994 AND 1995

	Volume		Percent Change 1995/1994	Value		Percent Change 1995/1994	
	1994	1995P		1994	1995P		
	(000 tonnes except where noted)			(\$ millions)			
METALS							
Copper		590.8	704.9	19.3	1 909.6	2 848.4	49.2
Gold	kg	146 428.2	149 026.4	1.8	2 468.9	2 534.9	2.7
Nickel		142.0	166.8	17.5	1 229.4	1 964.6	59.8
Zinc		976.3	1 093.5	12.0	1 330.7	1 556.1	16.9
Iron ore		36 416.4	37 130.1	2.0	1 214.9	1 212.0	-0.2
Uranium	tU	11 200.0	10 093.8	-9.9	616.3	539.0	-12.5
Silver	t	740.3	1 194.7	61.4	171.8	276.1	60.8
Molybdenum		9 758.9	8 481.8	-13.1	113.4	211.1	86.2
Cobalt		1.8	2.1	16.3	134.7	187.3	39.1
Platinum group	kg	13 422.5	15 108.6	12.6	144.5	173.3	19.9
Lead		167.6	203.3	21.2	125.4	172.6	37.7
NONMETALS							
Potash (K ₂ O)		8 517.2	8 847.9	3.9	1 287.1	1 462.4	13.6
Salt		12 243.9	10 772.1	-12.0	300.7	267.9	-10.9
Asbestos		530.9	510.8	-3.8	232.7	233.7	0.4
Sulphur, elemental		7 899.9	7 977.3	1.0	121.0	206.9	71.0
Peat		914.0	1 010.2	10.5	133.3	143.6	7.7
STRUCTURAL MATERIALS							
Cement		10 584.4	10 722.0	1.3	838.1	876.5	4.6
Sand and gravel		245 278.1	239 870.5	-2.2	870.1	860.1	-1.2
Stone		92 502.2	92 223.5	-0.3	559.9	558.6	-0.2
Lime		2 449.0	2 515.7	2.7	200.3	210.1	4.9
Clay products		..	..	..	113.9	104.5	-8.3
MINERAL FUELS							
Petroleum, crude	000 m ³	110 451.6	114 802.4	3.9	13 345.1	15 424.5	15.6
Natural gas	million m ³	138 856.4	148 481.4	6.9	9 428.6	6 845.6	-27.4
Coal		72 824.0	74 720.0	2.6	1 811.7	1 902.6	5.0
Natural gas by-products	000 m ³	22 665.6	24 917.1	9.9	1 623.5	1 751.2	7.9

Sources: Natural Resources Canada; Statistics Canada.

.. Not available; P Preliminary.

Note: Numbers have been rounded.

TABLE 6. PRODUCTION OF LEADING MINERALS, BY PROVINCE AND TERRITORY IN CANADA, 1995p

	Unit of Measure	Nfld.	P.E.I.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	N.W.T.	Total Canada
	(000)													
Petroleum, crude	m ³	-	-	1 310	-	-	290	659	18 640	89 611	2 434	-	1 859	114 802
	\$	-	-	205 006	-	-	45 738	93 106	2 279 415	12 276 197	319 435	-	205 601	15 424 498
Natural gas	000 m ³	-	-	-	-	-	489	-	7 036	122 026	18 403	347	181	148 481
	\$	-	-	-	-	-	45 738	-	395 697	5 684 890	691 172	18 474	9 615	6 845 586
Copper	kg	2 414	-	-	13 617	110 000	250 587	46 754	-	-	281 492	-	-	704 863
	\$	9 755	-	-	55 025	444 510	1 012 620	188 932	-	-	1 137 510	-	-	2 848 352
Gold	g	x	-	-	401	39 011	63 200	3 529	x	21	19 168	4 538	13 758	149 026
	\$	x	-	-	6 821	663 577	1 075 030	60 020	x	349	326 056	77 950	234 032	2 534 940
Nickel	kg	-	-	-	-	-	127 828	39 014	-	-	-	-	-	166 842
	\$	-	-	-	-	-	1 505 173	459 388	-	-	-	-	-	1 964 562
Coal	t	-	-	2 380	260	-	-	-	10 730	37 170	24 180	-	-	74 720
	\$	-	-	160 000	24 100	-	-	-	132 500	596 000	990 000	-	-	1 902 600
Natural gas by-products	m ³	-	-	-	-	-	-	3	82	24 275	557	-	-	24 917
	\$	-	-	-	-	-	-	248	6 988	1 696 269	47 656	-	-	1 751 161
Zinc	kg	-	-	-	334 853	163 000	157 118	79 680	-	-	138 924	41 000	178 965	1 093 541
	\$	-	-	-	476 496	231 949	223 579	113 385	-	-	197 690	58 343	254 667	1 556 108
Potash (K ₂ O)	t	-	-	-	x	-	-	-	x	-	-	-	-	8 848
	\$	-	-	-	x	-	-	-	x	-	-	-	-	1 462 435
Iron ore	t	20 963	-	-	-	15 505	578	-	-	-	84	-	-	37 130
	\$	814 403	-	-	-	x	x	-	-	-	1 989	-	-	1 212 040
Cement	t	x	-	x	-	2 736	4 216	-	-	-	x	1 705	-	10 722
	\$	x	-	x	-	177 150	310 549	-	-	-	x	169 558	-	876 466
Sand and gravel	t	2 778	263	3 747	4 376	28 423	102 358	13 452	7 593	33 655	38 334	2 417	2 474	239 870
	\$	16 025	1 181	18 720	x	96 894	365 771	x	x	131 595	142 629	7 000	13 405	860 084
Stone	t	1 178	-	5 681	3 416	32 413	39 303	2 453	-	201	6 318	-	-	92 224
	\$	12 357	-	31 761	17 910	195 400	247 694	9 547	-	1 112	37 806	-	4 991	558 577
Uranium (U)	kg	-	-	-	-	-	x	-	x	-	-	-	-	10 094
	\$	-	-	-	-	-	x	-	x	-	-	-	-	539 004
Silver	kg	x	-	-	283	164	245	35	x	-	448	1	18	1 195
	\$	x	-	-	65 494	38 018	56 534	7 987	x	-	103 475	265	4 231	276 136
Salt	t	-	-	x	x	x	6 702	-	652	x	-	-	-	10 772
	\$	-	-	x	x	x	161 694	-	26 541	x	-	-	-	267 895
Asbestos	t	3	-	-	-	508	-	-	-	-	-	-	-	511
	\$	879	-	-	-	232 800	-	-	-	-	-	-	-	233 679
Molybdenum	kg	-	-	-	-	-	-	-	-	-	8 482	-	-	8 482
	\$	-	-	-	-	-	-	-	-	-	211 138	-	-	211 138
Lime	t	-	-	-	x	x	1 415	x	-	217	x	-	-	2 516
	\$	-	-	-	x	x	110 376	x	-	21 551	x	-	-	210 109
Sulphur, elemental	t	-	-	-	x	-	x	-	172	6 969	x	-	-	7 977
	\$	-	-	-	x	-	x	-	1 768	186 441	x	-	-	206 936
Cobalt	kg	-	-	-	-	-	1 735	413	-	-	-	-	-	2 148
	\$	-	-	-	-	-	151 321	35 994	-	-	-	-	-	187 315
Platinum group	g	-	-	-	-	-	x	x	-	-	-	-	-	15 109
	\$	-	-	-	-	-	x	x	-	-	-	-	-	173 314
Lead	kg	-	-	-	85 105	-	-	-	-	-	59 403	27 000	31 542	203 050
	\$	-	-	-	72 340	-	-	-	-	-	50 492	22 950	26 811	172 592
Peat	t	x	-	x	338	363	x	x	x	x	-	-	-	1 010
	\$	x	-	x	42 554	53 341	x	x	x	x	-	-	-	143 641
Clay products	\$	x	-	x	-	x	68 713	-	x	x	x	-	-	104 510
Gypsum	t	-	-	6 565	-	-	897	x	-	-	x	-	-	7 974
	\$	-	-	66 586	-	-	16 074	x	-	-	x	-	-	90 725
Total leading minerals	\$	904 948	1 181	564 937	992 474	2 562 325	5 691 677	1 038 876	4 607 572	20 829 984	4 482 095	184 981	753 352	42 614 404
Total all minerals	\$	906 051	1 181	565 815	1 001 964	3 082 140	5 832 874	1 052 139	4 634 051	20 829 984	4 523 240	184 981	753 352	43 367 774
Leading minerals as % of all minerals		99.8	100.0	99.8	99.1	83.1	97.6	98.7	99.4	100.0	99.1	100.0	100.0	98.3

Sources: Natural Resources Canada; Statistics Canada.

- Nil; p Preliminary; x Confidential.

Notes: Certain minerals are not included in the leading minerals due to confidentiality constraints. Confidential values are included in "Total all minerals." Numbers may not add to totals due to rounding.

TABLE 6a. PRODUCTION OF LEADING MINERALS, BY PROVINCE AND TERRITORY IN CANADA, 1994

	Unit of Measure	Nfld.	P.E.I.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Yukon	N.W.T.	Total Canada
	(000)													
Petroleum, crude	m ³	-	-	1 313	-	-	263	659	17 213	86 757	2 369	-	1 877	110 452
	\$	-	-	201 237	-	-	40 302	83 550	1 872 352	10 652 535	321 409	-	173 669	13 345 054
Natural gas	000 m ³	-	-	-	-	-	429	-	6 901	114 268	16 713	374	172	138 856
	\$	-	-	-	-	-	46 490	-	501 310	7 778 223	1 070 269	22 154	10 194	9 428 640
Gold	g	x	-	-	365	40 932	69 155	2 608	x	34	12 191	3 345	13 140	146 428
	\$	x	-	-	6 156	690 158	1 166 026	43 975	x	569	205 555	56 406	221 556	2 468 926
Copper	kg	548	-	-	8 562	69 150	224 801	41 293	-	-	246 430	-	-	590 784
	\$	1 772	-	-	27 675	223 521	726 643	133 475	-	-	796 558	-	-	1 909 644
Coal	t	-	-	3 509	332	-	-	-	10 685	35 690	22 608	-	-	72 824
	\$	-	-	217 200	28 450	-	-	-	130 000	575 100	860 900	-	-	1 811 650
Natural gas by-products	m ³	-	-	-	-	-	-	4	98	22 052	513	-	-	22 666
	\$	-	-	-	-	-	-	294	8 071	1 573 143	42 001	-	-	1 623 509
Zinc	kg	-	-	-	291 796	139 898	163 658	93 607	-	-	115 510	-	171 840	976 309
	\$	-	-	-	397 718	190 681	223 066	127 586	-	-	157 440	-	234 219	1 330 709
Potash (K ₂ O)	t	-	-	-	x	-	-	-	x	-	-	-	-	8 517
	\$	-	-	-	x	-	-	-	x	-	-	-	-	1 287 086
Nickel	kg	-	-	-	-	-	106 852	35 122	-	-	-	-	-	141 974
	\$	-	-	-	-	-	925 234	304 119	-	-	-	-	-	1 229 354
Iron ore	t	20 279	-	-	-	15 652	412	-	-	-	74	-	-	36 416
	\$	743 137	-	-	-	x	x	-	-	-	1 775	-	-	1 214 862
Sand and gravel	t	2 728	272	3 832	4 445	33 595	101 926	13 587	7 430	35 403	38 101	2 420	1 541	245 278
	\$	16 200	1 190	19 271	x	104 075	363 198	x	x	137 996	146 932	7 010	7 737	870 107
Cement	t	x	-	x	-	2 840	4 089	-	-	x	1 654	-	-	10 584
	\$	x	-	x	-	182 246	291 261	-	-	x	159 027	-	-	838 130
Uranium (U)	kg	-	-	-	-	-	x	-	x	-	-	-	-	11 200
	\$	-	-	-	-	-	x	-	x	-	-	-	-	616 268
Stone	t	1 416	-	5 454	3 057	34 069	39 445	2 861	-	382	4 904	-	913	92 502
	\$	11 924	-	29 271	19 195	208 128	236 483	12 032	-	3 996	35 530	-	3 332	559 890
Salt	t	-	-	x	x	x	7 227	-	602	x	-	-	-	12 244
	\$	-	-	x	x	x	174 363	-	26 884	x	-	-	-	300 723
Asbestos	t	7	-	-	-	524	-	-	-	-	-	-	-	531
	\$	2 045	-	-	-	230 676	-	-	-	-	-	-	-	232 721
Lime	t	-	-	-	x	x	1 455	x	-	215	x	-	-	2 449
	\$	-	-	-	x	x	111 251	x	-	21 136	x	-	-	200 347
Silver	kg	x	-	-	226	139	196	34	x	-	127	1	17	740
	\$	x	-	-	52 359	32 272	45 585	7 925	x	-	29 359	194	4 037	171 767
Platinum group	g	-	-	-	-	-	x	x	-	-	-	-	-	13 422
	\$	-	-	-	-	-	x	x	-	-	-	-	-	144 538
Cobalt	kg	-	-	-	-	-	1 489	358	-	-	-	-	-	1 846
	\$	-	-	-	-	-	108 616	26 093	-	-	-	-	-	134 709
Peat	t	4	-	x	328	283	x	x	x	x	-	-	-	914
	\$	779	-	x	40 378	43 793	x	x	x	x	-	-	-	133 345
Lead	kg	-	-	-	76 019	-	-	422	-	-	57 017	-	34 126	167 584
	\$	-	-	-	56 862	-	-	316	-	-	42 649	-	25 527	125 353
Sulphur, elemental	t	-	-	-	x	-	x	-	155	7 111	x	-	-	7 900
	\$	-	-	-	x	-	x	-	526	113 738	x	-	-	121 020
Clay products	\$	x	-	x	-	x	76 242	-	x	x	-	-	-	113 924
Molybdenum	kg	-	-	-	-	-	-	-	-	-	9 759	-	-	9 759
	\$	-	-	-	-	-	-	-	-	-	113 365	-	-	113 365
Total leading minerals	\$	835 608	1 190	541 346	854 051	2 432 564	4 788 548	805 305	4 197 785	21 084 996	4 018 218	85 764	680 270	40 325 643
Total all minerals	\$	837 449	1 190	609 786	862 044	2 956 265	4 921 352	820 445	4 225 199	21 084 996	4 066 161	85 764	680 270	41 150 919
Leading minerals as % of all minerals		99.8	100.0	88.8	99.1	82.3	97.3	98.2	99.4	100.0	98.8	100.0	100.0	98.0

Sources: Natural Resources Canada; Statistics Canada.

- Nil; x Confidential.

Notes: Certain minerals are not included in the leading minerals due to confidentiality constraints. Confidential values are included in "Total all minerals." Numbers may not add to totals due to rounding.

TABLE 7. PRODUCTION OF CANADA'S TEN LEADING¹ MINERAL COMMODITIES, 1987-95

	Unit of Measure	1987	1988	1989	1990	1991	1992	1993	1994 ^r	1995 ^p
	(000)									
Petroleum, crude	m ³	89 140	93 806	90 641	90 279	89 788	93 256	97 306 ^r	110 452	114 802
Natural gas	000 m ³	78 267	90 911	96 117	98 771	105 244	116 664	128 817	138 856	148 481
Copper	kg	794 149	758 478	704 432	771 433	780 362	761 694	709 650	590 784	704 603
Gold	g	115 818	134 813	159 494	167 373	175 282	160 351	153 129	146 428	149 026
Nickel	kg	189 086	198 744	195 554	195 004	188 098	177 555	178 529	141 974	166 842
Coal	t	61 211	70 644	70 527	68 332	71 133	65 612	69 029	72 824	74 720
Natural gas by-products	m ³	21 560	22 556	23 055	23 863	24 919	26 735	30 163 ^r	22 666	24 917
Zinc	kg	1 157 936	1 370 000	1 272 854	1 179 372	1 083 008	1 195 736	990 727	976 309	1 093 541
Potash (K ₂ O)	t	7 668	8 154	7 014	7 345	7 087	7 040	6 880	8 517	8 848
Iron ore	t	37 702	39 934	39 445	35 670	35 421	31 582	33 228	36 416	37 130

Sources: Natural Resources Canada; Statistics Canada.

^p Preliminary; ^r Revised.

¹ Based on contribution in 1995 to value of mineral production.

TABLE 8. CANADA'S WORLD ROLE AS A PRODUCER OF CERTAIN IMPORTANT MINERALS, 1994P

		World	Rank of Five Leading Countries				
			1	2	3	4	5
Potash (K ₂ O equivalent) (mine production)	000 t % of world total	22 687	Canada 8 182 36.1	C.I.S. 5 112 22.5	Germany 3 286 14.5	United States 1 400 6.2	Israel 1 259 5.5
Uranium (U concentrates) (mine production)	t % of world total	34 174	Canada 9 644 ^a 28.2	FSU 8 000 ^e 23.4	Australia 3 604 10.5	Niger 2 964 8.7	South Africa 1 906 5.6
Zinc (mine production)	000 t % of world total	6 685	Canada 1 011 15.1	Australia 971 14.5	China 755 11.3	Peru 682 10.2	United States 598 8.9
Sulphur, elemental (mine production)	000 t % of world total	36 278	United States 10 101 27.8	Canada 7 975 22.0	FSU 3 589 9.9	Poland 2 160 6.0	Saudi Arabia 1 680 4.6
Asbestos (mine production)	000 t % of world total	2 738	C.I.S. 1 400 ^e 51.1	Canada 524 19.1	China 250 ^e 9.1	Brazil 190 ^e 6.9	Zimbabwe 150 ^e 5.5
Nickel (mine production)	000 t % of world total	869	Russia 212 24.4	Canada 150 17.3	New Caledonia 96 11.0	Indonesia 81 9.3	Australia 79 9.1
Cadmium (refined production)	t % of world total	18 336	Japan 2 614 14.3	Canada 2 173 11.9	Belgium 1 557 8.5	FSU 1 407 7.7	China 1 300 ^e 7.1
Titanium concentrates (ilmenite)	000 t % of world total	5 409 ^e	Australia 2 028 37.5	South Africa 822 ^b 15.2	Canada 764 ^c 14.1	India 314 ^e 5.8	Sierra Leone 184 ^e 3.4
Aluminum (primary metal)	000 t % of world total	19 108	United States 3 299 17.3	Russia 2 675 14.0	Canada 2 255 11.8	China 1 446 7.6	Australia 1 311 6.9
Gypsum (mine production)	000 t % of world total	101 685	United States 17 200 16.9	China 10 500 ^e 10.3	Canada 9 185 9.0	Iran 8 430 8.3	Thailand 8 140 ^e 8.0
Copper (mine production)	000 t % of world total	9 332	Chile 2 220 23.8	United States 1 811 19.4	Canada 617 6.6	Russia 448 4.8	Australia 416 4.5
Platinum group metals (mine production)	kg % of world total	249 342 ^e	South Africa 164 000 65.8	Russia 58 000 ^e 23.3	Canada 14 313 5.7	United States 8 400 3.4	Japan 1 900 0.8
Cobalt (shipments)	t % of world total	20 114	FSU 5 724 28.5	Zaire 3 600 17.9	Zambia 2 639 13.1	Canada 1 846 9.2	Cuba 1 800 8.9
Molybdenum (Mo content) (mine production)	t % of world total	103 648 ^e	United States 46 800 45.2	China 17 500 ^e 16.9	Chile 16 000 15.4	Canada 9 188 8.9	Russia 4 500 ^e 4.3
Gold (mine production)	t % of world total	2 213	South Africa 579 26.2	United States 326 14.7	Australia 256 11.6	China 160 ^e 7.2	Canada 147 6.6
Lead (mine production)	000 t % of world total	2 641	Australia 519 19.7	United States 370 14.0	China 352 ^e 13.3	Peru 217 8.2	Canada 171 6.5

Sources: Natural Resources Canada, from *World Nonferrous Metal Statistics* and the *Canadian Minerals Yearbook*; U.S. Bureau of Mines.

^e Estimated; ^p Preliminary.

C.I.S.: Commonwealth of Independent States; FSU: former Soviet Union.

^a Includes uranium (tU) recovered by Elliot Lake producers from refinery/conversion facility wastes. ^b Includes 744 000 t of titaniferous slag and 78 000 t of rutile.

^c Titaniferous slag.

TABLE 9. CANADA'S WORLD ROLE AS A PRODUCER OF CERTAIN IMPORTANT MINERALS, 1993 (REVISED)

		World	Rank of Five Leading Countries				
			1	2	3	4	5
Potash (K ₂ O equivalent) (mine production)	000 t % of world total	20 393	Canada 6 836 33.5	C .I.S. 4 667 22.9	Germany 2 860 14.0	United States 1 525 7.5	Israel 1 309 6.4
Uranium (U concentrates) (mine production)	t % of world total	33 020	Canada 9 154 ^a 27.7	FSU 8 000 ^e 24.2	Niger 2 913 8.8	Australia 2 256 6.8	South Africa 1 739 5.3
Nickel (mine production)	000 t % of world total	861	Russia 209 24.3	Canada 188 21.8	New Caledonia 97 11.3	Indonesia 66 7.7	Australia 65 7.5
Sulphur, elemental (mine production)	000 t % of world total	34 758	United States 9 568 27.5	Canada 7 552 21.7	FSU 3 941 11.3	Poland 1 901 5.5	Saudi Arabia 1 650 4.7
Asbestos (mine production)	000 t % of world total	3 121	C.I.S. 1 700 ^e 54.5	Canada 517 16.6	Brazil 250 ^e 8.0	China 250 ^e 8.0	Zimbabwe 150 ^e 4.8
Zinc (mine production)	000 t % of world total	6 825	Australia 1 007 14.8	Canada 1 004 14.7	China 775 11.4	Peru 665 9.7	United States 513 7.5
Cadmium (refined production)	t % of world total	18 793	Japan 2 832 15.1	Canada 1 888 10.0	FSU 1 601 8.5	Belgium 1 563 8.3	China 1 270 6.8
Aluminum (primary metal)	000 t % of world total	18 120	United States 3 695 20.4	Russia 2 702 14.9	Canada 2 309 12.7	Australia 1 376 7.6	China 1 220 6.7
Cobalt (shipments)	t % of world total	21 930	FSU 6 798 31.0	Zambia 4 211 19.2	Canada 2 150 9.8	Zaire 2 092 9.5	Cuba 1 700 7.8
Copper (mine production)	000 t % of world total	9 391	Chile 2 055 21.9	United States 1 801 19.2	Canada 733 7.8	Russia 460 4.9	Zambia 432 4.6
Platinum group metals (mine production)	kg % of world total	275 000	South Africa 176 000 64.0	Russia 74 000 ^e 26.9	Canada 12 441 4.5	United States 8 300 3.0	Japan 1 841 0.7
Titanium concentrates (ilmenite)	000 t % of world total	5 745	Australia 2 007 ^e 34.9	South Africa 977 ^{e, b} 17.0	Norway 713 12.4	Canada 653 ^c 11.4	India 334 ^e 5.8
Molybdenum (Mo content) (mine production)	t % of world total	93 600	United States 36 803 39.3	China 18 300 ^e 19.6	Chile 14 900 15.9	Canada 9 699 10.4	Russia 4 800 ^e 5.1
Gypsum (mine production)	000 t % of world total	99 398	United States 15 800 15.9	China 10 600 ^e 10.7	Iran 8 600 8.7	Canada 7 878 7.9	Thailand 7 450 7.5
Gold (mine production)	t % of world total	2 265	South Africa 619 27.3	United States 331 14.6	Australia 248 10.9	China 160 ^e 7.1	Canada 153 6.8
Lead (mine production)	000 t % of world total	2 791	Australia 521 18.7	United States 362 13.0	China 346 12.4	Peru 218 7.8	Canada 183 6.6

Sources: Natural Resources Canada, from *World Nonferrous Metal Statistics* and the *Canadian Minerals Yearbook*; U.S. Bureau of Mines.

^e Estimated.

C.I.S.: Commonwealth of Independent States; FSU: former Soviet Union.

^a Includes uranium (tU) recovered by Elliot Lake producers from refinery/conversion facility wastes. ^b Includes 892 000 t of titaniferous slag and 85 000 t of rutile.

^c Titaniferous slag.

TABLE 10. CANADA, GROSS DOMESTIC PRODUCT OF INDUSTRIAL PRODUCTION, MINING AND MINERAL MANUFACTURING AT FACTOR COST AT 1986 PRICES, 1986-95

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
	(\$ millions)									
Total industrial production	120 363.8	126 226.0	132 919.0	132 729.1	128 317.7	122 910.3	124 291.0	129 892.8	138 369.7	143 816.1
Total mining	17 502.0	18 631.7	20 422.3	19 621.3	19 570.3	19 907.3	20 328.8	21 344.0	22 680.6	23 676.2
METALS										
Gold mines	880.6	987.1	1 213.8	1 541.6	1 676.7	1 778.3	1 603.4	1 549.3	1 507.3	1 540.3
Other metal mines	2 346.5	2 734.0	2 708.7	2 272.1	2 139.7	2 210.3	2 326.6	2 080.1	1 863.7	2 147.8
Iron mines	452.7	505.1	568.5	607.2	437.5	431.9	419.9	391.0	457.8	461.3
MINERAL FUELS										
Crude oil and natural gas	9 762.6	10 379.4	11 449.2	11 208.6	11 320.4	11 605.0	12 429.7	13 243.3	13 990.4	14 746.2
NONMETALS										
Asbestos	102.0	103.7	102.3	124.0	126.8	114.9	97.4	85.8	88.6	88.3
All nonmetals	485.4	583.4	609.0	534.7	491.7	504.0	513.2	522.1	599.5	637.3
Potash	309.9	369.9	439.8	368.1	325.0	345.1	345.0	314.5	377.6	417.9
Salt	135.6	125.8	138.9	143.9	143.2	163.3	150.4	151.1	171.9	152.7
Coal	755.2	849.8	1 012.7	987.7	1 029.2	998.8	810.2	881.8	948.5	1 040.2
Quarry and sand pits	643.7	687.7	721.4	685.9	550.4	439.5	414.9	423.8	454.1	480.6
SERVICES RELATED TO MINING	1 937.7	1 675.7	1 897.8	1 515.6	1 654.8	1 661.3	1 563.1	2 015.7	2 598.8	2 381.5
MINERAL MANUFACTURING										
Primary metals	6 127.7	6 773.1	7 130.8	6 922.1	6 438.0	6 459.2	6 658.8	7 394.9	7 554.9	7 533.1
Primary steel	2 625.8	2 827.1	2 957.8	2 966.7	2 460.4	2 180.5	2 352.4	2 602.8	2 653.5	2 685.8
Steel pipe and tube mills	277.7	328.6	485.2	467.0	453.4	519.6	450.7	596.0	694.2	648.7
Iron foundries	460.8	424.4	439.9	394.3	440.8	381.2	398.6	423.2	431.5	400.3
Nonferrous smelting and refining	1 954.7	2 301.2	2 316.8	2 155.1	2 212.8	2 586.7	2 673.5	2 909.2	2 837.3	2 888.8
Nonmetallic mineral products	2 971.3	3 256.9	3 308.0	3 230.5	2 896.3	2 411.7	2 387.9	2 461.8	2 598.5	2 558.1
Cement	384.0	431.2	449.8	461.5	452.1	325.0	309.2	332.6	375.5	378.1
Concrete products	448.4	476.8	523.8	528.5	452.6	341.5	312.2	308.4	318.6	332.6
Ready-mix concrete	507.1	568.7	519.8	535.3	470.0	410.1	371.7	379.3	404.2	397.6
Glass and glass products	647.8	694.5	667.6	632.0	571.8	513.3	550.3	603.5	610.6	584.6
Miscellaneous nonmetallic products	787.0	866.9	962.9	915.3	840.7	734.7	749.7	763.6	812.5	799.4
Petroleum and coal products	1 731.5	1 823.9	1 870.7	1 952.1	2 074.8	2 045.9	1 993.8	2 062.3	2 102.9	2 121.8

Source: Statistics Canada.

TABLE 11. CANADA, GROSS DOMESTIC PRODUCT BY INDUSTRY AT FACTOR COST AT 1986 PRICES, 1986-95

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
	(\$ millions)									
Gross domestic product, all industries	451 845.3	471 519.4	492 588.0	505 049.6	503 660.7	494 543.9	497 603.9	510 615.4	531 950.7	542 499.0
Agriculture	11 056.7	9 965.7	9 451.7	10 231.4	10 838.4	10 712.1	10 030.1	10 742.9	11 257.7	11 385.7
Fishing and trapping	980.2	885.5	946.3	1 023.0	1 129.4	1 023.4	991.7	1 020.1	937.0	814.5
Forestry	2 690.8	3 008.2	3 044.2	3 128.8	2 865.2	2 450.6	2 449.1	2 604.7	2 738.9	2 904.7
Mines (including milling), quarries and oil wells	17 502.0	18 631.7	20 422.3	19 621.3	19 570.3	19 907.3	20 328.8	21 344.0	22 680.6	23 676.2
Manufacturing	86 797.1	90 967.2	95 600.0	96 454.0	92 856.7	86 285.2	87 421.8	91 586.3	97 976.8	102 416.8
Construction	28 081.7	29 686.5	30 815.0	32 502.4	32 396.3	30 085.9	28 422.3	27 857.1	29 350.2	27 857.2
Transportation and storage	20 253.4	21 659.9	22 756.3	22 403.3	21 922.9	20 970.5	21 418.7	21 994.1	23 281.0	23 786.5
Communications	13 247.9	14 140.2	15 223.2	16 835.7	18 043.5	18 724.5	19 281.7	19 829.1	21 358.6	22 816.4
Electric power, gas and water utilities	15 197.7	15 755.6	16 003.9	15 735.8	14 947.6	15 773.6	15 606.8	16 018.3	16 755.9	16 787.8
Trade, wholesale	23 312.0	25 131.6	26 971.7	28 111.3	28 435.0	27 691.6	27 984.5	29 519.0	32 211.1	33 097.1
Trade, retail	28 269.2	29 929.2	30 854.9	31 613.1	30 895.2	29 291.6	29 643.4	30 755.0	32 515.5	32 806.8
Finance, insurance and real estate	69 033.9	71 931.4	74 721.7	76 700.4	77 473.0	79 418.9	80 235.1	82 143.7	84 155.4	85 585.4
Community, business and personal services	52 119.0	55 102.8	59 240.1	62 123.5	61 532.1	60 503.1	60 919.6	62 253.8	64 368.3	66 851.4
Government services	31 365.5	31 418.1	31 906.0	32 560.3	32 259.1	33 700.6	34 089.4	33 815.4	33 358.4	32 694.3

Source: Statistics Canada.

TABLE 12. CANADA, STAGE I TO STAGE IV, DOMESTIC EXPORTS OF MINERALS AND MINERAL PRODUCTS BY COMMODITY, 1993-95

	Unit of Measure	1993		1994		1995P	
		(000)	(Quantity)	(\$000)	(Quantity)	(\$000)	(Quantity)	($000)
METALS							
Aluminum	..	..	4 253 257	..	5 556 775	..	6 793 261
Antimony	kg	1 539	1 385	1 376	1 574	1 667	2 100
Bismuth	kg	41	256	165	1 187	204	1 475
Cadmium	kg	1 887	2 623	1 960	5 137	2 497	9 803
Calcium metals	kg	221	1 406	299	2 374	214	1 866
Chromium	kg	3 542	11 824	5 071	15 943	4 286	14 048
Cobalt	kg	3 975	155 906	4 126	230 728	4 206	320 303
Copper	..	..	2 105 704	..	2 361 431	..	3 602 390
Gold	..	..	3 090 943	..	3 626 602	..	2 904 327
Iron and steel	..	..	5 926 755	..	7 013 845	..	8 030 599
Iron ore	t	26 200	805 641	29 995	935 336	28 833	925 126
Lead	..	..	288 546	..	266 225	..	319 826
Magnesium and magnesium compounds	kg	74 990	84 712	82 262	127 303	98 457	196 731
Molybdenum	kg	9 997	62 129	9 052	62 895	9 217	163 402
Nickel	..	..	1 465 504	..	1 421 470	..	2 139 970
Platinum group metals	..	..	150 927	..	145 010	..	184 934
Silver	..	..	227 727	..	286 672	..	336 345
Tin	..	..	13 340	..	16 273	..	23 733
Uranium and thorium	..	..	479 052	..	704 364	..	689 915
Zinc	kg	1 041 911	1 047 578	..	1 176 522	..	1 367 915
Other metals	kg	..	1 919 070	..	2 366 128	..	2 969 009
Total metals			22 094 285		26 323 794		30 997 078
NONMETALS							
Asbestos	..	..	355 551	..	369 092	..	356 475
Barites and witherite	t	11	3 946	13	4 426	12	4 265
Diamonds	..	..	5 823	..	18 170	..	19 146
Graphite	..	..	64 372	..	95 809	..	121 408
Gypsum	..	..	96 442	..	145 468	..	186 893
Mica	kg	15 744	9 397	19 149	11 846	16 809	9 712
Nepheline syenite	t	391	36 675	381	43 242	340	42 309
Peat	..	..	237 896	..	273 974	..	275 595
Potash and potassium compounds	kg	10 107 627	1 195 327	13 042 145	1 635 916	13 813 128	1 765 028
Salt and sodium compounds	t	4 156	403 604	4 809	462 206	4 186	526 729
Sulphur and sulphur compounds	kg	5 630 128	242 030	6 733 254	384 008	7 752 884	555 913
Talc, soapstone and pyrophyllite	kg	28 786	6 609	31 687	8 076	25 819	7 142
Titanium oxides	kg	49 833	108 483	70 888	152 357	88 038	200 307
Other nonmetals			1 719 189		2 086 337		2 333 068
Total nonmetals			4 485 344		5 690 927		6 403 990
STRUCTURALS							
Cement	..	..	277 046	..	350 820	..	426 044
Clay and clay products	..	..	16 947	..	23 121	..	36 902
Lime	kg	190 068	18 013	193 902	18 650	266 476	30 089
Sand and gravel	t	1 023	8 005	1 376	13 841	1 895	17 368
Silica and silica compounds	..	..	10 841	..	9 481	..	12 958
Stone	t	2 942	64 015	2 893	72 406	3 022	84 002
Other structurals			62 677		67 685		88 172
Total structurals			457 544		556 004		695 535
FUELS							
Petroleum	..	..	10 648 971	..	11 312 069	..	14 195 240
Natural gas	000 m ³	62 982	6 744 884	71 411	7 184 102	79 274	6 391 525
Coal and coke	t	28 590	1 883 381	31 532	2 078 830	34 073	2 243 393
Other fuels	kg	170 537	200 120	225 877	270 812	273 552	346 868
Total fuels			19 477 356		20 845 813		23 177 026
Other n.e.s. ¹	..	..	20 258	..	23 650	..	53 161
Total mining domestic exports (including fuels)			46 534 787		53 440 188		61 326 790
Balance of trade			17 129 408		18 793 816		22 994 647
Total economy domestic exports			177 621 770		213 290 200		247 703 400
Balance of trade			11 129 135		15 116 900		28 042 700

Sources: Natural Resources Canada; Statistics Canada.

- Nil; .. Not available or not applicable.

¹ Other n.e.s. is included in total mining domestic exports and refers to data for any mineral product that cannot be assigned to one category because of the nature of the product, i.e., it may fall into two categories such as alumina/silica.

Note: Totals may not add due to rounding.

TABLE 13. CANADA, STAGE I TO STAGE IV, IMPORTS OF MINERALS AND MINERAL PRODUCTS BY COMMODITY, 1993-95

	Unit of Measure	1993		1994		1995p	
		(000)	(Quantity)	(Quantity)	(Quantity)	(Quantity)	(Quantity)
METALS							
Aluminum	..	..	2 428 804	..	2 952 535	..	3 518 157
Antimony	kg	1 757	5 470	2 176	10 210	2 235	13 413
Bismuth	kg	52	642	100	1 536	71	2 801
Cadmium	kg	128	1 493	248	1 675	367	1 373
Calcium metals	kg	2 601	7 752	2 783	9 168	3 432	11 844
Chromium	kg	76 515	54 055	82 305	64 795	107 022	97 517
Cobalt	kg	735	22 068	1 235	45 725	1 477	74 989
Copper	..	..	1 055 743	..	1 501 123	..	1 960 606
Gold	..	..	1 261 236	..	866 169	..	755 502
Iron and steel	..	..	7 317 182	..	9 585 228	..	10 457 974
Iron ore	t	5 464	220 804	5 318	228 136	6 000	264 532
Lead	..	..	237 143	..	315 601	..	337 419
Magnesium and magnesium compounds	kg	173 362	79 497	209 154	89 436	298 254	122 031
Molybdenum	kg	2 747	18 820	3 988	34 716	4 705	73 481
Nickel	..	..	358 703	..	424 092	..	719 781
Platinum group metals	g	694 304	142 043	610 911	210 528	523 457	223 832
Silver	..	..	89 135	..	104 143	..	121 977
Tin	..	..	46 794	..	54 385	..	56 357
Tungsten	kg	237	5 747	267	7 100	331	8 775
Uranium and thorium	..	..	101 963	..	188 637	..	170 830
Zinc	..	..	88 006	..	147 410	..	179 849
Other metals	..	..	4 297 723	..	5 216 818	..	5 829 530
Total metals			17 840 823		22 059 166		25 002 570
NONMETALS							
Asbestos	..	..	62 713	..	78 445	..	74 937
Barites and witherite	t	16	1 737	15	1 734	17	1 735
Diamonds	..	..	178 912	..	224 126	..	186 687
Graphite	..	..	228 829	..	274 451	..	307 010
Gypsum	..	..	23 387	..	24 103	..	21 082
Mica	kg	..	8 422	3 377	10 056	3 972	9 410
Nepheline syenite	..	..	3	..	10	..	78
Peat	..	..	563	..	868	..	787
Potash and potassium compounds	kg	..	31 544	..	27 047	..	29 275
Salt and sodium compounds	t	1 602	208 372	1 635	233 610	2 096	289 311
Sulphur and sulphur compounds	kg	109 255	12 808	76 159	9 428	105 072	15 053
Talc, soapstone and pyrophyllite	kg	47 974	9 957	52 926	12 430	51 144	13 648
Titanium oxides	kg	69 744	124 896	111 299	190 949	106 322	214 640
Other nonmetals			2 414 290		2 782 413		2 941 532
Total nonmetals			3 306 433		3 869 670		4 105 185
STRUCTURALS							
Cement	..	..	119 769	..	126 448	..	137 961
Clay and clay products	..	..	603 159	..	672 898	..	685 945
Lime	kg	52 690	6 423	66 885	8 072	52 883	6 778
Sand and gravel	t	702	5 938	576	6 309	1 099	10 552
Silica and silica compounds	..	..	84 523	..	95 417	..	100 345
Stone	..	..	94 546	..	93 539	..	99 216
Other structurals	..	..	86 499	..	122 296	..	126 373
Total structurals			1 000 857		1 124 979		1 167 170
FUELS							
Petroleum	..	..	6 383 943	..	6 873 901	..	7 833 714
Natural gas	000 m ³	487	87 825	667	127 113	525	116 233
Coal and coke	t	9 489	484 210	9 926	523 182	11 154	631 474
Other fuels	kg	..	608 748	..	724 151	..	781 647
Total fuels			7 564 726		8 248 347		9 363 068
Other n.e.s. ¹		..	132 384	..	145 144	..	148 082
Total mining imports (including fuels)			29 845 223		35 447 306		39 786 075
Total economy imports			170 121 865		202 737 100		225 493 300

Sources: Natural Resources Canada; Statistics Canada.

- Nil; .. Not available or not applicable; ... Amount too small to be expressed.

¹ Other n.e.s. is included in total mining imports and refers to data for any mineral product that cannot be assigned to one category because of the nature of the product, i.e., it may fall into two categories such as alumina/silica.

Note: Totals may not add due to rounding.

TABLE 14. CANADA, STAGE I TO STAGE IV, VALUE OF MINERALS AND MINERAL PRODUCTS, EXPORTS BY COMMODITY, BY DESTINATION, 1995

	United States	EU	Japan	Mexico	Other	Total
	(\$000)					
METALS						
Aluminum	5 601 672	391 984	453 488	79	346 038	6 793 261
Antimony	2 100	—	—	—	—	2 100
Bismuth	510	965	—	—	—	1 475
Cadmium	2 436	3 759	3 072	—	536	9 803
Calcium metal	436	853	90	—	487	1 866
Chromium	13 629	408	—	—	11	14 048
Cobalt	86 089	54 722	50 582	22	128 888	320 303
Copper	2 065 151	579 318	527 057	95	430 769	3 602 390
Gold	1 840 069	142 904	230 261	—	691 093	2 904 327
Iron and steel	7 280 626	167 015	21 334	58 596	503 028	8 030 599
Iron ore	386 108	469 970	19 329	—	49 719	925 126
Lead	242 708	39 790	1 796	—	35 532	319 826
Magnesium and magnesium compounds	112 815	32 610	22 178	616	28 512	196 731
Molybdenum	33 489	4 818	81 060	15	44 020	163 402
Nickel	625 201	757 208	100 636	6 605	650 320	2 139 970
Platinum group metals	41 129	109 992	27 384	1 792	4 637	184 934
Silver	273 102	14 253	27 460	—	21 530	336 345
Tin	20 224	2 223	53	—	1 233	23 733
Uranium and thorium	508 293	143 240	19 833	623	17 926	689 915
Zinc	818 412	392 342	20 430	—	136 731	1 367 915
Other metals	2 285 503	273 004	165 485	3 033	241 985	2 969 009
Total metals	22 239 702	3 581 378	1 771 528	71 476	3 332 995	30 997 078
NONMETALS						
Asbestos	52 217	48 571	51 787	10 099	193 801	356 475
Barites and witherite	3 958	—	13	—	294	4 265
Diamonds	8 223	8 455	—	—	2 468	19 146
Graphite	83 875	16 475	1 101	2	19 955	121 408
Gypsum	183 479	618	1 304	—	1 492	186 893
Mica	7 902	409	1 299	—	102	9 712
Nepheline syenite	37 292	943	483	71	3 520	42 309
Peat	219 277	19 755	24 870	5	11 688	275 595
Potash and potassium compounds	867 918	37 292	94 901	1 489	763 428	1 765 028
Salt and sodium compounds	472 077	50	5 837	118	48 647	526 729
Sulphur and sulphur compounds	229 192	3 146	2 977	18 585	302 013	555 913
Talc, soapstone and pyrophyllite	7 002	69	—	—	71	7 142
Titanium oxides	198 018	1 275	337	—	677	200 307
Other nonmetals	2 064 008	89 026	23 553	3 623	152 858	2 333 068
Total nonmetals	4 434 438	226 084	208 462	33 992	1 501 014	6 403 990
STRUCTURALS						
Cement	422 620	481	459	—	2 484	426 044
Clay and clay products	29 518	1 723	646	—	5 015	36 902
Lime	30 087	—	—	—	2	30 089
Sand and gravel	15 613	138	—	—	1 617	17 368
Silica and silica compounds	6 670	290	74	34	5 890	12 958
Stone	61 439	5 331	11 121	—	6 111	84 002
Other structurals	78 028	997	166	1 849	7 132	88 172
Total structurals	643 975	8 960	12 466	1 883	28 251	695 535
FUELS						
Petroleum	13 600 083	61 962	66 467	13 504	453 224	14 195 240
Natural gas	6 391 433	6	—	—	86	6 391 525
Coal and coke	108 585	275 932	1 229 190	38 426	591 260	2 243 393
Other fuels	273 632	35 485	10 687	186	26 878	346 868
Total fuels	20 373 733	373 385	1 306 344	52 116	1 071 448	23 177 026
Other n.e.s. ¹	49 156	2 329	1	—	1 675	53 161
Total domestic mining exports	47 741 004	4 192 136	3 298 801	159 467	5 935 383	61 326 790

Sources: Natural Resources Canada; Statistics Canada.

— Nil.

¹ Other n.e.s. is included in total domestic mining exports and refers to data for any mineral product that cannot be assigned to one category because of the nature of the product, i.e., it may fall into two categories such as alumina/silica.

Note: Numbers may not add to totals due to rounding.

TABLE 15. CANADA, STAGE I TO STAGE IV, VALUE OF MINERALS AND MINERAL PRODUCTS, IMPORTS BY COMMODITY, BY ORIGIN, 1995

	United States	EU	Japan	Mexico	Other	Total
	(\$000)					
METALS						
Aluminum	2 513 795	197 126	6 873	3 437	796 926	3 518 157
Antimony	8 823	2 676	—	—	1 914	13 413
Bismuth	2 512	13	—	198	78	2 801
Cadmium	777	585	—	1	10	1 373
Calcium metal	425	4 054	—	—	7 365	11 844
Chromium	21 413	7 155	658	938	67 353	97 517
Cobalt	16 952	10 529	505	—	47 003	74 989
Copper	1 599 926	118 022	11 520	37 331	193 807	1 960 606
Gold	551 476	3 539	137	850	199 500	755 502
Iron and steel	7 062 845	1 501 974	444 898	158 028	1 290 229	10 457 974
Iron ore	240 941	2 212	15	.. .	21 364	264 532
Lead	290 122	5 486	3 263	6 876	31 672	337 419
Magnesium and magnesium compounds	65 099	12 395	376	117	44 044	122 031
Molybdenum	43 633	7 797	—	6 693	15 358	73 481
Nickel	181 971	89 217	62 426	7 707	378 460	719 781
Platinum group metals	57 292	12 334	2	2 794	151 410	223 832
Silver	49 048	8 268	618	7 372	56 671	121 977
Tin	15 648	2 854	81	134	37 640	56 357
Tungsten	4 372	1 162	433	—	2 808	8 775
Uranium and thorium	41 506	7 706	—	—	121 618	170 830
Zinc	163 533	4 923	130	1 277	9 986	179 849
Other metals	3 960 197	528 628	172 831	405 406	762 469	5 829 530
Total metals	16 892 306	2 528 655	704 766	639 159	4 237 685	25 002 570
NONMETALS						
Asbestos	63 255	3 173	2 463	2 413	3 633	74 937
Barites and witherite	1 468	255	—	—	12	1 735
Diamonds	40 091	65 961	4	—	80 631	186 687
Graphite	251 862	28 127	15 352	1 007	10 662	307 010
Gypsum	17 004	1 572	51	1 760	695	21 082
Mica	7 243	1 330	150	1	686	9 410
Nepheline syenite	28	—	—	—	50	78
Peat	270	384	—	—	133	787
Potash and potassium compounds	25 518	1 767	26	65	1 899	29 275
Salt and sodium compounds	257 574	20 898	389	4 948	5 502	289 311
Sulphur and sulphur compounds	14 044	984	2	—	23	15 053
Talc, soapstone and pyrophyllite	13 359	76	71	—	142	13 648
Titanium oxides	114 094	97 659	709	—	2 178	214 640
Other nonmetals	2 303 226	284 575	64 198	58 298	231 236	2 941 532
Total nonmetals	3 109 036	506 761	83 415	68 492	337 482	4 105 185
STRUCTURALS						
Cement	131 787	4 855	363	347	609	137 961
Clay and clay products	293 893	202 101	28 868	13 709	147 374	685 945
Lime	6 721	51	2	—	4	6 778
Sand and gravel	10 448	48	1	20	35	10 552
Silica and silica compounds	80 727	14 747	1 228	62	3 581	100 345
Stone	48 293	27 574	31	848	22 470	99 216
Other structurals	108 656	11 050	2 298	1 171	3 198	126 373
Total structurals	680 525	260 426	32 791	16 157	177 271	1 167 170
FUELS						
Petroleum	1 493 866	1 738 166	12 789	111 811	4 477 082	7 833 714
Natural gas	115 850	103	60	—	220	116 233
Coal and coke	591 381	585	—	—	39 508	631 474
Other fuels	709 407	54 497	8 185	2 483	7 075	781 647
Total fuels	2 910 504	1 793 351	21 034	114 294	4 523 885	9 363 068
Other n.e.s. ¹	127 162	16 973	2 314	58	1 575	148 082
Total mining imports	23 719 533	5 106 166	844 320	838 160	9 277 898	39 786 075

Sources: Natural Resources Canada; Statistics Canada.

— Nil; .. . Amount too small to be expressed.

¹ Other n.e.s. is included in total mining imports and refers to data for any mineral product that cannot be assigned to one category because of the nature of the product, i.e., it may fall into two categories such as alumina/silica.

Note: Numbers may not add to totals due to rounding.

TABLE 16. CANADA, APPARENT CONSUMPTION¹ OF SOME MINERALS AND RELATION TO PRODUCTION,² 1992-94

	1992			1993			1994		
	Apparent Consumption	Production	Consumption as % of Production	Apparent Consumption	Production	Consumption as % of Production	Apparent Consumption	Production	Consumption as % of Production
	(tonnes)			(tonnes)			(tonnes)		
Quartz silica	2 276 886	1 753 894	129.8	2 662 681 ^r	1 862 800 ^r	142.9 ^r	3 172 112	2 053 794	154.5
Lime ⁴	2 266 802	2 384 344	95.1	2 241 618	2 378 996	94.2	2 321 997	2 449 023	94.8
Salt	9 478 529	11 088 026	85.5	8 964 743 ^r	10 993 005	81.5 ^r	9 545 344	12 243 887	78.0
Cement ³	6 202 973	8 593 399	72.2	6 219 990 ^r	9 393 581	66.2 ^r	6 796 654	10 584 414	64.2
Gypsum	2 544 556	7 294 700	34.9	2 528 332	7 563 369	33.4	2 936 887	8 587 303	34.2
Iron ore	11 773 552	31 582 043	37.3	12 469 080	33 228 076	37.5	11 672 199	36 416 388	32.1
Potash (K ₂ O)	718 098	7 039 590	10.2	763 339	6 880 345	11.1	599 482	8 517 206	7.0
Asbestos	–	586 994	..	13 387	522 967	2.6	464	530 857	0.1

Sources: Natural Resources Canada; Statistics Canada.

– Nil; . . Not available; ^r Revised.¹ "Apparent consumption" is production plus imports, less exports. ² "Production" refers to producers' shipments. ³ Apparent consumption contains clinker cement in the trade data. ⁴ Apparent consumption contains slaked lime in the trade data.

TABLE 17. CANADA, REPORTED CONSUMPTION OF MINERALS AND RELATION TO PRODUCTION, 1992-94

Unit of Measure	1992			1993			1994p			
	Consumption	Production	Consumption as % of Production	Consumption	Production	Consumption as % of Production	Consumption	Production	Consumption as % of Production	
METALS										
Aluminum ¹	t	506 745	1 971 843	25.7	597 957r	2 308 867	25.9	667 379	2 254 683	29.6
Antimony	kg	355 963	796 373	44.7	688 542	565 504	121.8	1 084 863	540 051	200.9
Bismuth	kg	56 231	203 789	27.6	96 337	128 870	74.8	173 744	129 371	134.3
Cadmium	kg	86 108	1 393 099	6.2	89 250	1 161 173	7.7	83 201	1 499 996	5.5
Chromium (chromite)	t	10 752	—	..	11 398	—	..	9 843	—	..
Cobalt	kg	204 724	2 222 862	9.2	186 898	2 150 187	8.7	192 618	1 846 447	10.4
Copper ²	t	156 132	761 694	20.5	185 565	709 650	26.1	199 349	590 784	33.7
Lead ³	t	92 420r	339 626	27.2r	92 072r	183 105	50.3r	95 854	167 584	57.2
Magnesium	t	18 123	x	x	20 014r	x	x	23 590	x	x
Manganese ore	t	8 860	—	..	8 226	—	..	6 706	—	..
Mercury	kg	4 515	—	..	8 020	—	..	6 376	—	..
Molybdenum (Mo content)	t	1 535	8 870	17.3	1 720r	10 250	16.8r	2 011	9 759	20.6
Nickel	t	12 528	177 555	7.1	13 884	178 529	7.8	16 877	141 974	11.9
Selenium	kg	16 347	344 988	4.7	18 679	541 696	3.4	17 253	566 404	3.0
Silver	kg	364 470	1 168 968	31.2	472 530	879 113	53.8	420 427	740 342	56.8
Tellurium	kg	x	25 228	x	x	26 847	x	x	41 669	x
Tin	t	3 042	58	5 244.8	3 250	—	..	3 142	—	..
Tungsten (W content)	kg	340 040	—	..	392 405r	—	..	412 017	—	..
Zinc ³	t	114 725	1 195 736	9.6	112 432r	990 727	11.3r	124 890	976 309	12.8
NONMETALS										
Barite	t	9 186r	34 870	26.3r	13 109r	37 712	34.8r	13 732	64 701	21.2
Feldspar	t	1 476	—	..	1 860	—	..	1 955	—	..
Fluorspar	t	93 785	—	..	72 624	—	..	14 978	—	..
Mica	t	3 379	x	x	3 262	x	x	3 040	x	x
Nepheline syenite	t	63 440	556 926	11.4	63 134	548 987	11.5	67 865	602 033	11.3
Phosphate rock	t	1 209 712	—	..	1 326 194	—	..	1 256 582	—	..
Potash (K ₂ O)	t	259 122	7 039 590	3.7	254 237r	6 880 345	3.7r	251 081	8 517 206	2.9
Sodium sulphate	t	132 411	281 246	47.1	134 739	318 220	42.3	130 880	316 597	41.3
Sulphur	t	883 419	7 262 241	12.2	886 080r	8 267 622	10.7r	888 571	8 705 408	10.2
Talc, etc.	t	72 419	113 270	63.9	64 348r	110 730	58.1r	68 753	126 014	54.6
MINERAL FUELS										
Coal	000 t	51 011	65 612	77.7	48 979	69 029	71.0	52 348	72 824	71.9
Crude oil ⁴	000 m ³	81 364	93 256	87.2	86 300	97 306r	88.7r	89 538	110 452	81.1
Natural gas ⁵	million m ³	50 419r	116 664	43.2r	51 603	128 817	40.1	51 837	138 856	37.3

Sources: Natural Resources Canada; Statistics Canada.

— Nil; .. Not available; p Preliminary; r Revised; x Confidential.

¹ Consumption of primary aluminum ingot and alloys, and secondary ingot and scrap, reported by consumers. ² Consumption defined as domestic shipments of refined copper plus imports of refined copper. ³ Consumption of primary and secondary refined metal. ⁴ Consumption defined as refinery receipts. ⁵ Consumption defined as domestic sales.

Notes: Unless otherwise stated, consumption refers to reported consumption of refined metals or nonmetallic minerals by consumers. Production of metals, in most cases, refers to production in all forms, and includes the recoverable content of ores, concentrates, matte, etc., and metal content of primary products recoverable at domestic smelters and refineries. Production of nonmetals refers to producers' shipments. For fuels, production is equivalent to actual output less waste.

TABLE 18. CANADA, DOMESTIC CONSUMPTION OF PRINCIPAL REFINED METALS IN RELATION TO REFINERY PRODUCTION,¹ 1988-94

	Unit of Measure	1988	1989	1990	1991	1992	1993	1994 ^p
ALUMINUM								
Domestic consumption ²	t	493 986	510 255	466 492	467 802	506 745	597 957 ^r	667 379
Production	t	1 534 499	1 554 753	1 567 395	1 821 642	1 971 843	2 308 867	2 254 683
Consumption of production	%	32.2	32.8	29.8	25.7	25.7	25.9	29.6
COPPER								
Domestic consumption ³	t	236 280	213 046	180 605	159 170	156 132	185 565	199 349
Production	t	528 723	515 216	515 835	538 339	539 302	561 580	549 869
Consumption of production	%	44.7	41.4	35.0	29.6	29.0	33.0	36.3
LEAD								
Domestic consumption ⁴	t	88 728 ^r	88 408 ^r	72 203 ^r	80 253 ^r	92 420 ^r	92 072 ^r	95 854
Production ⁵	t	268 076	242 845	183 645	212 366	252 885	217 014	251 640
Consumption of production	%	33.1	36.4	39.3	37.8	36.5	42.4	38.1
ZINC								
Domestic consumption ⁴	t	150 616	145 282	121 502	104 902	114 725	112 432 ^r	124 890
Production	t	703 206	669 677	591 786	660 552	671 702	659 881	690 965
Consumption of production	%	21.4	21.7	20.5	15.9	17.1	17.0	18.1

Source: Natural Resources Canada.

^p Preliminary; ^r Revised.

¹ Production of refined metal from all sources, including metal derived from secondary materials at primary refineries. ² Consumption of primary aluminum ingot and alloys, and secondary ingot and scrap, reported by consumers. ³ Consumption defined as domestic shipments of refined copper plus imports of refined copper. ⁴ Consumption of primary and secondary refined metal, reported by consumers. ⁵ Production of primary and secondary refined lead.

TABLE 19. AVERAGE ANNUAL PRICES¹ OF SELECTED MINERALS, 1989-95

	Unit of Measure	1989	1990	1991	1992	1993	1994	1995
Aluminum, London Metal Exchange	c/lb	88.242	74.361	59.066	56.893	51.639	66.986	81.903
Antimony, New York dealer	\$/lb	0.943	0.818	0.828	0.791	0.769	1.777	2.278
Asbestos, No. 4T cement fibre	C\$/t	1 080.000	1 080.000	1 080.000	1 080.000	1 080.000	1 080.000	1 059.167
Bismuth, New York dealer	\$/lb	5.657	3.474	2.969	2.506	2.350	3.070	3.781
Cadmium, New York dealer	\$/lb	6.277	3.378	1.974	0.907	0.451	1.144	1.839
Calcium, metal crowns (Producer Price List)	\$/lb	3.850	3.850	3.850	3.850	3.850	3.850	3.850
Chrome, U.S. metal, 9% carbon	\$/lb	3.621	4.241	4.437	4.500	4.500	4.500	4.725
Cobalt, metal, shot/cathode/250 kg	\$/lb	8.400	8.400	11.000	24.300	18.000	19.900	27.069
Copper, electrolytic cathode, COMEX	c/lb	129.454	124.085	108.211	102.721	85.283	107.052	134.717
Gold, London ²	\$/troy oz	381.431	383.466	362.183	343.731	359.769	384.009	384.162
Iridium, New York dealer ³	\$/troy oz	302.667	307.313	281.354	155.167	45.667	30.000	30.000
Iron ore, taconite pellets	c/ltu	72.450	72.450	72.450	72.450	72.450	72.450	72.450
Lead, London Metal Exchange cash	c/lb	30.633	36.717	25.269	24.534	18.417	24.829	28.160
Magnesium, U.S. primary ingot (Producer Price List)	\$/lb	1.630	1.613	1.430	1.438	1.530	1.538	1.805
Manganese, U.S. metal, regular	c/lb	91.000	92.896	104.000	104.000	104.000	104.000	109.250
Molybdenum, dealer, oxide	\$/lb	3.341	2.807	2.349	2.197	2.279	4.501	7.412
Nickel, New York dealer, cathode	\$/lb	5.982	4.074	3.796	3.177	2.428	2.919	3.901
Osmium, New York dealer	\$/troy oz	547.917	413.438	400.000	400.000	400.000	400.000	399.375
Palladium, London PM fix	\$/troy oz	144.578	114.915	88.290	88.228	122.348	142.631	151.229
Platinum, London PM fix	\$/troy oz	509.636	471.583	376.083	359.799	374.027	404.998	424.346
Potash, coarse, major producer, 60% K ₂ O	\$/st	88.000	88.000	87.500	87.000	83.670	75.800	77.250
Rhodium, New York dealer ³	\$/troy oz	1 275.000	3 565.185	3 739.126	2 365.102	1 066.111	712.678	424.145
Ruthenium, New York dealer	\$/troy oz	62.258	60.917	55.233	28.538	12.996	13.604	21.827
Selenium, New York dealer	\$/lb	7.451	5.676	5.241	4.947	4.900	4.900	4.897
Silver, Handy & Harman, Toronto	\$/troy oz	5.499	4.870	4.039	3.936	4.300	5.284	5.192
Sulphur, elemental, North American deliveries	C\$/t	72.060	62.030	55.120	21.010	2.600	9.870 ^r	15.020
Tantalum, tantalite ore, spot	\$/lb	35.302	30.077	28.538	27.365	25.850	25.500	26.260
Tin, New York dealer	\$/lb	3.973	2.877	2.588	2.822	2.392	2.549	2.945
Tungsten, U.S. spot ore	\$/ltu	45.525	34.721	53.417	49.325	34.800	36.750	56.402
Uranium, U ₃ O ₈	\$/lb	24.000	24.000	21.000	19.000	15.000	14.000	13.000
Zinc, special high grade	c/lb	75.124	68.850	50.647	56.235	43.635	45.255	53.235

Sources: Natural Resources Canada; Alberta Energy Resource Industries Monthly Statistics (Sulphur); *Engineering and Mining Journal* (Asbestos); *Metals Bulletin* (Mercury); *Industrial Minerals* (Potash); *Metals Week*; *Northern Miner*.

COMEX: Commodities Exchange Inc.

^r Revised.

¹ Prices, except where noted, are in U.S. currency. ² Average afternoon fixings of London bullion dealers. ³ The Impala producer price is given for 1989.

TABLE 20. CANADIAN AVERAGE ANNUAL PRICES OF SELECTED MINERALS, 1989-95

	Unit of Measure	1989	1990	1991	1992	1993	1994	1995
Aluminum, London Metal Exchange	\$/kg	2.304	1.913	1.492	1.516	1.469	2.017	2.478
Antimony, New York dealer	\$/kg	2.462	2.104	2.092	2.107	2.187	5.350	6.893
Asbestos, No. 4T cement fibre	\$/t	1 080.000	1 080.000	1 080.000	1 080.000	1 080.000	1 080.000	1 059.167
Bismuth, New York dealer	\$/kg	14.769	8.936	7.500	6.676	6.684	9.243	11.441
Cadmium, New York dealer	\$/kg	16.387	8.689	4.986	2.416	1.283	3.444	5.565
Calcium, metal crowns (Producer Price List)	\$/kg	10.051	9.904	9.725	10.256	10.950	11.592	11.649
Chrome, U.S. metal, 9% carbon	\$/kg	9.453	10.909	11.208	11.987	12.799	13.549	14.297
Cobalt, metal, shot/cathode/250 kg	\$/kg	21.930	21.608	27.787	64.731	51.195	59.916	81.906
Copper, electrolytic cathode, COMEX	\$/kg	3.380	3.192	2.733	2.736	2.426	3.223	4.076
Gold, London ¹	\$/g	14.522	14.385	13.342	13.353	14.922	16.861	16.952
Iridium, New York dealer ²	\$/g	11.523	11.528	10.365	6.028	1.894	1.317	1.324
Iron ore, taconite pellets	¢/mtu	84.440	83.200	81.702	86.159	91.992	97.382	97.867
Lead, London Metal Exchange, cash	¢/kg	67.534	80.947	55.709	54.088	40.602	54.739	62.082
Magnesium, U.S. primary ingot (Producer Price List)	\$/kg	4.255	4.149	3.612	3.831	4.352	4.631	5.462
Manganese, U.S. metal, regular	\$/kg	2.376	2.390	2.627	2.770	2.958	3.131	3.306
Molybdenum, dealer, oxide	\$/kg	8.722	7.221	5.934	5.852	6.482	13.552	22.428
Nickel, New York dealer, cathode	\$/kg	15.617	10.480	9.589	8.463	6.906	8.789	11.804
Osmium, New York dealer	\$/g	20.861	15.510	14.735	15.539	16.591	17.563	17.623
Palladium, London PM fix	\$/g	5.505	4.311	3.252	3.427	5.075	6.263	6.673
Platinum, London PM fix	\$/g	19.403	17.691	13.854	13.977	15.514	17.783	18.725
Potash, coarse, major producer, 60% K ₂ O	\$/t	114.871	113.184	110.515	115.877	118.986	114.111	116.873
Rhodium, New York dealer ²	\$/g	48.543	133.743	137.743	91.879	44.220	31.292	18.716
Ruthenium, New York dealer	\$/g	2.370	2.285	2.035	1.109	0.539	0.597	0.963
Selenium, New York dealer	\$/kg	19.452	14.601	13.239	13.178	13.936	14.753	14.818
Silver, Handy & Harman, Toronto	\$/kg	209.363	182.691	148.790	152.905	178.354	232.011	229.107
Sulphur, elemental, North American deliveries	\$/t	72.060	62.030	55.120	21.010	2.600	9.870 ^r	15.020
Tantalum, tantalite ore, spot	\$/kg	92.163	77.369	72.089	72.896	73.522	76.777	79.459
Tin, New York dealer	\$/kg	10.372	7.401	6.537	7.517	6.803	7.675	8.911
Tungsten, U.S. spot ore	\$/mtu	53.059	39.873	60.239	58.658	44.186	49.397	76.189
Uranium, U	\$/kg	74.000	71.000	61.000	59.000	50.000	51.000	47.000
Zinc, special high grade	\$/kg	1.961	1.771	1.279	1.498	1.241	1.363	1.611

Sources: Natural Resources Canada; Alberta Energy Resource Industries Monthly Statistics (Sulphur); *Engineering and Mining Journal* (Asbestos); *Metals Bulletin* (Mercury); *Industrial Minerals* (Potash); *Metals Week*; *Northern Miner*.

COMEX: Commodities Exchange Inc.

^r Revised.

¹ Average afternoon fixings of London bullion dealers. ² The Impala producer price is given for 1989.

TABLE 21. CANADA, PRINCIPAL STATISTICS OF THE MINERAL INDUSTRY, 1 1993

SIC Code	Establishments	Mining Activity							Total Activity ²			
		Production and Related Workers			Costs				Employees	Salaries and Wages	Value Added	
		Employees	Person-Hours Paid	Wages	Fuel and Electricity	Materials and Supplies	Value of Production	Value Added				
(number)	(number)	(000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(number)	(\$000)	(\$000)		
METALS												
Gold	0611	50	6 795	14 803	382 991	128 468	511 644	2 092 674	1 452 562	8 810	501 214	1 442 510
Silver-lead-zinc	0614	7	2 016	4 455	93 157	36 539	449 811	741 638	255 288	3 134	157 265	255 803
Uranium	0616	4	1 175	2 426	56 921	36 478	66 037	531 068	428 553	1 467	74 178	427 048
Iron	0617	5	3 484	7 713	219 083	137 942	335 349	984 332	511 041	4 648	296 304	512 192
Nickel-copper-zinc	0612, 0613	20	11 680	24 749	596 214	222 266	1 751 646	4 017 285	2 043 372	15 892	844 034	2 066 644
Miscellaneous metal mines ³	0615, 0619	5	612	1 307	25 724	12 606	29 637	122 400	80 157	787	33 830	81 024
Total		91	25 762	55 453	1 374 090	574 299	3 144 124	8 489 397	4 770 973	34 738	1 906 825	4 785 221
INDUSTRIAL MINERALS												
Asbestos	0621	3	1 729	3 677	73 664	29 584	57 289	233 710	146 837	2 253	100 082	147 478
Peat	0622	59	1 296	2 840	32 027	5 981	27 168	161 416	128 267	1 624	42 646	128 500
Gypsum	0623	10	580	1 318	21 213	7 877	16 772	81 255	56 606	698	26 335	56 363
Potash	0624	11	2 754	6 041	123 418	103 692	116 411	970 668	750 564	3 657	174 845	747 835
Miscellaneous nonmetals ⁴	0625, 0629	31	1 615	3 558	65 885	31 618	60 378	385 794	293 798	2 268	97 307	293 181
Stone	081	112	1 826	4 115	69 399	31 870	86 019	365 508	247 620	2 448	96 920	250 176
Sand and gravel	082	108	1 287	2 955	45 934	24 822	58 559	245 135	161 753	1 771	64 481	165 139
Total		334	11 087	24 505	431 540	235 444	422 596	2 443 485	1 785 445	14 719	602 616	1 788 672
MINERAL FUELS												
Coal	063	33	7 194	14 754	333 529	123 809	365 233	1 658 111	1 169 069	8 861	419 352	1 211 128
Oil, crude and natural gas	0711	626	7 155	14 429	394 238	477 458	1 464 121	19 058 705	17 117 126	26 599	1 706 648	17 117 126
Total		659	14 349	29 183	727 767	601 267	1 829 354	20 716 816	18 286 195	35 460	2 126 000	18 328 254
Total mineral industry		1 084	51 198	109 140	2 533 396	1 411 010	5 396 075	31 649 698	24 842 613	84 917	4 635 441	24 902 147

Sources: Natural Resources Canada; Statistics Canada.

SIC - Standard Industrial Classification.

¹ Cement manufacturing, lime manufacturing, clay and clay products (domestic clays) are included in the mineral manufacturing industry. ² Total activity includes sales and head offices. ³ Includes molybdenum. ⁴ Includes salt.

Note: Numbers may not add to totals due to rounding.

TABLE 22. CANADA, PRINCIPAL STATISTICS OF THE MINERAL MANUFACTURING INDUSTRIES, 1993

	Mineral Manufacturing Activity										
	Establish- ments	Production and Related Workers			Costs				Total Activity ¹		
		Employees	Person- Hours Paid	Wages	Fuel and Electricity	Materials and Supplies	Value of Shipments	Value Added	Employees	Salaries and Wages	Value Added
(number)	(number)	(000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(number)	(\$000)	(\$000)	
PRIMARY METAL INDUSTRIES											
Smelting and refining	34	18 452	42 454	962 171	698 113	2 665 122	5 882 392	2 523 178	26 175	1 415 428	2 510 063
Primary steel	61	25 819	57 016	1 242 996	627 751	4 502 934	8 305 956	3 206 993	33 327	1 657 275	3 197 465
Wire and wire products industries ²	257	9 156	19 029	283 901	42 825	855 069	1 652 262	758 092	11 814	390 861	784 005
Steel pipe and tube	51	4 545	9 820	178 398	25 463	1 015 905	1 563 127	545 081	5 555	234 561	542 986
Iron foundries	75	6 366	13 574	263 738	81 603	366 818	1 026 019	583 263	7 174	305 442	578 682
Aluminum rolling, casting and extruding	65	4 193	9 435	161 481	37 690	1 316 812	1 777 173	423 394	5 128	213 412	418 615
Metal rolling, casting and extruding n.e.s.	87	4 270	9 148	146 269	27 104	387 124	778 733	362 397	4 946	182 279	356 660
Copper and alloy rolling, casting and extruding	36	1 826	3 851	63 869	14 253	296 534	477 122	165 450	2 111	76 754	165 530
Total	666	74 627	164 328	3 302 823	1 554 802	11 406 318	21 462 784	8 567 848	96 230	4 476 012	8 554 006
NONMETALLIC MINERAL PRODUCTS INDUSTRIES											
Ready-mix concrete	647	8 375	17 245	268 859	62 636	895 961	1 562 424	603 214	10 438	353 225	608 804
Cement	21	1 781	3 824	81 438	130 051	175 068	786 959	465 146	2 786	138 615	474 101
Glass products	136	4 461	9 544	144 667	16 887	295 144	628 359	315 817	5 322	180 034	324 722
Primary glass and glass containers	19	3 417	7 470	126 351	55 111	177 878	606 303	376 598	4 354	171 763	377 874
Mineral insulating products	34	1 633	3 467	55 461	31 800	123 876	385 039	224 547	2 370	91 076	290 645
Other concrete products	254	3 113	6 437	84 751	15 243	166 864	420 859	237 516	4 000	120 687	249 987
Structural concrete products	64	1 687	3 528	55 121	4 819	83 303	226 294	139 112	2 100	73 808	137 874
Other nonmetallic mineral products	144	1 924	3 984	54 713	10 540	86 102	258 680	162 019	2 493	78 704	162 858
Refractory products	28	1 173	2 450	37 886	7 138	89 942	205 343	110 770	1 644	60 348	122 799
Gypsum products	29	1 314	2 876	48 995	27 600	182 936	357 150	148 753	1 825	76 306	160 075
Concrete pipe	42	987	2 191	33 612	5 424	57 102	169 987	107 362	1 287	46 579	108 741
Lime	13	551	1 331	25 433	38 792	31 066	173 571	103 856	731	35 129	104 314
Abrasives	30	1 087	2 327	33 208	33 929	92 251	238 685	117 876	1 395	46 093	136 060
Clay products (domestic)	17	521	1 129	16 782	11 413	13 579	90 884	61 815	779	27 602	63 274
Clay products (imported)	34	747	1 585	22 002	4 811	26 450	93 885	63 183	907	27 655	63 723
Asbestos products industry	7	148	306	3 195	446	9 093	22 237	13 221	230	6 530	15 445
Total	1 519	32 919	69 693	1 092 474	456 640	2 506 615	6 226 659	3 250 805	42 661	1 534 154	3 401 296

**FABRICATED METAL
PRODUCTS INDUSTRIES**

Stamped and pressed metal products industries	879	23 334	48 915	693 243	93 959	2 400 830	4 140 237	1 659 515	28 396	905 327	1 749 131
Fabricated structural metal products industries	429	11 549	24 130	370 792	28 421	803 570	1 640 741	814 051	14 769	502 806	823 074
Hardware, tool and cutlery industry	744	16 963	36 027	549 759	29 447	625 834	1 855 590	1 224 688	20 051	699 048	1 252 420
Other metal fabricating industries	518	11 094	23 081	324 710	34 176	859 008	1 759 556	870 701	14 442	467 990	916 310
Machine shop industry	1 418	15 686	32 503	462 656	27 908	481 467	1 490 193	988 049	18 840	587 621	1 007 872
Ornamental and architectural metal products industries	711	11 020	22 890	293 159	20 945	822 332	1 576 944	735 860	14 554	432 963	755 660
Power boiler and heat exchanger industry	45	3 778	7 763	127 442	6 257	421 476	786 428	361 466	5 277	190 753	355 596
Heating equipment industry	116	3 463	7 150	84 951	6 397	243 524	502 130	255 644	4 463	120 971	261 580
Total	4 860	96 887	202 458	2 906 712	247 510	6 658 041	13 751 819	6 909 974	120 792	3 907 479	7 121 643

**PETROLEUM AND COAL
PRODUCTS INDUSTRIES**

Petroleum refining products	34	4 965	10 487	286 167	349 907	13 980 242	16 388 114	1 966 377	10 819	641 527	2 022 082
Lubricating oils and greases	28	964	1 989	36 706	17 773	328 996	568 787	220 880	1 864	79 612	229 943
Other petroleum and coal products	95	954	2 001	31 491	15 232	180 000	287 473	92 838	1 401	49 905	116 309
Total	157	6 883	14 476	354 364	382 912	14 489 238	17 244 374	2 280 095	14 084	771 044	2 368 334

Total mineral manufacturing industries	7 202	211 316	381 263	7 656 373	2 641 864	35 060 212	58 685 636	21 008 722	273 767	10 688 689	21 445 279
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Source: Statistics Canada, catalogue no. 31-203.
n.e.s. Not elsewhere specified.

¹ Total activity includes sales and head offices. ² Wire and wire products have been included in the primary metal industries group.

TABLE 23. CANADA, PRINCIPAL STATISTICS OF THE MINERAL INDUSTRY¹ BY REGION, 1993

	Mines, Quarries and Oil Wells Activity								Total Activity ²		
	Establish- ments	Production and Related Workers			Costs		Value of Production	Value Added	Employees	Salaries and Wages	Value Added
		Employees	Person- Hours Paid	Wages	Fuel and Electricity	Materials and Supplies					
	(number)	(number)	(000)	(\$000)	(\$000)	(\$000)	(\$000)	(number)	(\$000)	(\$000)	
Atlantic provinces ³	77	6 760	14 252	319 424	114 254	516 734	1 604 462	973 474	8 774	418 678	971 531
Quebec	164	8 927	19 477	406 892	201 308	723 768	2 144 890	1 219 814	12 240	584 605	1 244 875
Ontario	130	11 869	25 499	605 889	203 833	1 116 203	3 924 927	2 604 890	16 224	856 661	2 598 196
Prairie provinces	537	15 565	31 987	761 729	680 255	1 981 158	20 233 095	17 571 681	37 063	2 178 073	17 600 453
British Columbia ⁴	155	6 870	14 932	357 911	182 540	882 070	3 108 985	2 044 376	8 829	476 534	2 056 172
Yukon and Northwest Territories ⁵	21	1 207	2 992	81 552	28 819	176 141	633 339	428 379	1 787	120 889	430 919
Total	1 084	51 198	109 140	2 533 396	1 411 010	5 396 075	31 649 698	24 842 613	84 917	4 635 441	24 902 147

Sources: Natural Resources Canada; Statistics Canada.

¹ Cement manufacturing, lime manufacturing, clay and clay products (domestic clays) are included in the mineral manufacturing industry. ² Total activity includes sales and head offices.

³ Includes eastern Canada offshore. ⁴ Includes western Canada offshore. ⁵ Includes Arctic Islands.

Note: Numbers may not add to totals due to rounding.

TABLE 24. CANADA, PRINCIPAL STATISTICS OF THE MINERAL MANUFACTURING INDUSTRIES BY REGION, 1993

	Mineral Manufacturing Activity								Total Activity ¹		
	Establish- ments	Production and Related Workers			Costs				Employees	Salaries and Wages	Value Added
		Employees	Person- Hours Paid	Wages	Fuel and Electricity	Materials and Supplies	Value of Shipments	Value Added			
(number)	(number)	(000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(number)	(\$000)	(\$000)	
PRIMARY METALS INDUSTRY											
Atlantic provinces	8	x	x	x	x	x	x	x	x	x	x
Quebec	109	17 862	40 755	840 075	633 430	3 198 652	6 354 592	2 516 572	24 585	1 209 864	2 503 019
Ontario	201	38 067	83 511	1 743 077	683 426	5 739 362	10 709 685	4 291 434	47 293	2 263 694	4 270 322
Prairie provinces	47	x	x	x	x	x	x	x	x	x	x
British Columbia	44	3 574	8 032	177 085	20 341	328 865	735 581	385 420	4 711	245 502	396 312
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—
Total Canada	409	65 471	121 874	3 018 922	1 511 977	10 551 249	19 810 522	7 809 756	84 416	4 085 151	7 770 001
NONMETALLIC MINERAL PRODUCTS INDUSTRY											
Atlantic provinces	110	1 671	3 373	43 913	19 630	98 088	239 366	122 797	2 099	60 417	122 843
Quebec	412	7 420	15 270	227 228	108 666	526 864	1 372 286	733 348	10 375	347 121	758 677
Ontario	533	15 784	34 221	548 869	228 242	1 177 760	2 898 129	1 487 904	20 006	751 107	1 599 874
Prairie provinces	280	4 280	9 037	134 935	53 917	351 255	917 418	504 708	5 545	193 267	509 750
British Columbia	184	3 764	7 792	137 529	46 185	352 648	799 460	402 048	4 636	182 242	410 152
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—
Total Canada	1 519	32 919	69 693	1 092 474	456 640	2 506 615	6 226 659	3 250 805	42 661	1 534 154	3 401 296
FABRICATED METAL PRODUCTS INDUSTRY²											
Atlantic provinces	156	2 305	4 783	65 015	4 616	136 309	270 013	131 510	3 057	90 225	139 486
Quebec	1 319	21 765	44 406	625 000	66 385	1 538 349	3 285 815	1 702 408	29 567	906 030	1 746 475
Ontario	2 494	61 993	131 090	1 887 895	174 931	4 454 784	9 005 589	4 417 728	74 726	2 471 328	4 567 486
Prairie provinces	634	11 549	23 985	330 552	26 074	741 692	1 545 258	775 491	14 671	455 353	793 686
British Columbia	514	8 431	17 224	282 151	18 329	641 976	1 297 406	640 929	10 585	375 404	658 515
Yukon and Northwest Territories	—	—	—	—	—	—	—	—	—	—	—
Total Canada	5 117	106 043	221 487	3 190 613	290 335	7 513 110	15 404 081	7 668 066	132 606	4 298 340	7 905 648
PETROLEUM AND COAL PRODUCTS INDUSTRY											
Atlantic provinces	9	x	x	x	x	x	x	x	x	x	x
Quebec	35	1 140	2 354	60 232	74 188	2 612 957	3 055 629	314 170	1 953	103 795	321 468
Ontario	68	2 786	5 700	140 243	174 248	5 356 113	6 625 589	1 053 420	6 541	377 955	1 060 286
Prairie provinces	29	x	x	x	x	x	x	x	x	x	x
British Columbia	13	557	1 151	30 948	23 764	986 220	1 454 945	431 427	894	51 938	443 406
Yukon and Northwest Territories	1	x	x	x	x	x	x	x	x	x	x
Total Canada	157	6 883	14 476	354 364	382 912	14 489 238	17 244 374	2 280 095	14 084	771 044	2 368 334
TOTAL MINERAL MANUFACTURING INDUSTRIES											
Atlantic provinces	283	x	x	x	x	x	x	x	x	x	x
Quebec	1 875	48 187	46 816	1 752 535	882 669	7 876 822	14 068 322	5 266 498	66 480	2 566 810	5 329 639
Ontario	3 296	118 630	136 907	4 320 084	1 260 847	16 728 019	29 238 992	11 250 486	148 566	5 864 084	11 497 968
Prairie provinces	990	x	x	x	x	x	x	x	x	x	x
British Columbia	755	16 326	18 390	627 713	108 619	2 309 709	4 287 392	1 859 824	20 826	855 086	1 908 385
Yukon and Northwest Territories	1	x	x	x	x	x	x	x	x	x	x
Total Canada	7 202	211 316	381 263	7 656 373	2 641 864	35 060 212	58 685 636	21 008 722	273 767	10 688 689	21 445 279

Source: Statistics Canada, catalogue no. 31-203.

— Nil; x Confidential.

¹ Total activity includes sales and head offices. ² For reasons of confidentiality, Standard Industrial Classification 305 (wire and wire products), normally included in Primary Metals, is included in Fabricated Metal Products.

TABLE 25. CANADA, PRINCIPAL STATISTICS OF THE MINERAL INDUSTRY,¹ 1982-93

	Mines, Quarries and Oil Wells Activity								Total Activity ²		
	Production and Related Workers			Costs		Value of Production	Value Added	Employees				Salaries and Wages	Value Added
	Establishments	Employees	Person-Hours Paid	Wages	Fuel and Electricity				Materials and Supplies		
(number)	(number)	(000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(number)	(\$000)	(\$000)	
1982	1 247	74 178	141 070	2 008 439	956 296	3 768 771	29 101 618	24 376 549	123 486	3 648 004	24 427 308
1983	1 407	66 629	131 406	1 963 773	1 022 417	3 756 625	32 771 401	27 992 357	113 831	3 687 911	28 012 167
1984	1 381	69 650	140 567	2 295 256	1 204 008	4 290 972	37 976 019	32 481 039	115 790	4 106 049	32 545 525
1985	1 385	66 945	140 092	2 347 084	1 264 619	4 442 358	38 127 807	32 420 830	116 383	4 421 553	32 495 098
1986	1 507	64 360	135 055	2 378 524	1 240 371	4 649 767	27 785 615	21 895 474	109 433	4 445 569	22 224 015
1987	1 276	64 370	138 236	2 444 934	1 233 806	4 870 150	30 652 347	24 548 391	107 676	4 449 357	24 803 839
1988	1 340	67 360	144 551	2 749 351	1 296 757	5 685 034	31 777 388	24 795 628	110 757	4 876 209	25 100 343
1989	1 262	68 704	148 555	2 985 561	1 349 568	6 065 134	33 555 133	26 135 430	110 975	5 232 986	26 436 361
1990	1 235	64 257	139 101	2 940 836	1 421 569	6 014 666	34 823 253	27 404 188	105 082	5 133 875	27 672 145
1991	1 172	60 366	130 014	2 927 021	1 426 650	5 823 443	30 451 603	23 201 510	100 197	5 303 856	23 517 737
1992	1 103	54 783	117 097	2 733 628	1 379 309	5 694 905	30 527 610	23 453 397	89 935	4 982 563	23 694 902
1993	1 084	51 198	109 140	2 533 396	1 411 010	5 396 075	31 649 698	24 842 613	84 917	4 635 441	24 902 147

Sources: Natural Resources Canada; Statistics Canada.

¹ Cement manufacturing, lime manufacturing, clay and clay products (domestic clays) are included in the mineral manufacturing industry. ² Total activity includes sales and head offices.

TABLE 26. CANADA, PRINCIPAL STATISTICS OF THE MINERAL MANUFACTURING INDUSTRIES, 1 1982-93

	Mineral Manufacturing Activity										
	Establish- ments	Production and Related Workers			Costs				Total Activity ²		
		Employees	Person- Hours Paid	Wages	Fuel and Electricity	Materials and Supplies	Value of Shipments	Value Added	Employees	Salaries and Wages	Value Added
(number)	(number)	(000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(number)	(\$000)	(\$000)	
1982	5 687	229 518	475 378	5 333 201	1 728 740	34 241 605	50 045 037	14 497 245	321 785	8 126 238	14 823 990
1983	7 370	216 944	447 947	5 420 307	1 905 777	34 720 416	52 773 875	15 861 491	301 112	8 143 674	16 196 749
1984	7 511	223 816	470 367	5 948 626	2 125 032	37 738 117	57 207 764	17 980 271	304 309	8 719 151	18 265 131
1985	7 625	238 544	506 377	6 507 081	2 229 270	39 497 925	61 241 939	19 305 730	313 850	9 271 447	19 646 938
1986	7 841	248 039	524 184	6 829 899	2 096 145	31 806 478	54 521 641	19 788 464	319 950	9 563 918	20 124 687
1987	7 598	..	..	..	2 154 276	35 570 988	59 787 220	22 189 903	333 536	10 188 110	22 733 514
1988	8 309	277 965	586 697	8 187 249	2 268 149	35 436 715	62 739 083	25 125 477	350 917	11 191 039	25 725 203
1989	8 300	288 494	606 841	8 893 139	2 341 578	38 785 940	64 981 175	24 317 984	360 004	12 014 330	29 859 105
1990	8 333	260 693	549 440	8 469 361	2 335 229	38 305 154	63 081 826	22 679 757	333 962	11 722 025	23 262 830
1991	7 820	242 783	510 984	8 226 481	2 456 144	34 628 749	58 093 646	20 169 425	309 678	11 288 852	20 698 450
1992	7 482	214 862	489 072	7 656 558	2 530 479	34 191 776	56 436 631	19 375 600	280 226	10 708 582	19 829 810
1993	7 202	211 316	381 263	7 656 373	2 641 864	35 060 212	58 685 636	21 008 722	273 767	10 688 689	21 445 279

Source: Statistics Canada.

.. Not available.

¹ Includes the following industries: Primary Metals, Nonmetallic Mineral Products, Fabricated Metal Products, and Petroleum and Coal Products. ² Total activity includes sales and head offices.

TABLE 27. CANADA, CONSUMPTION OF FUEL AND ELECTRICITY IN THE MINERAL INDUSTRY,¹ 1993

	Unit	Metals	Industrials ²	Total
Coal	000 t	48	—	48
	\$000	1 907	—	1 907
Gasoline	000 litres	14 030	13 292	27 322
	\$000	6 380	6 342	12 722
Fuel oil, kerosene, diesel oil	000 litres	633 759	206 814	840 573
	\$000	133 028	59 611	192 640
Liquefied petroleum gas	000 litres	98 642	13 745	112 387
	\$000	19 435	3 048	22 483
Natural gas	000 m ³	108 462	640 297	748 759
	\$000	11 494	43 249	54 742
Other fuels ³	\$000	22 082	1 584	23 666
Total value of fuels	\$000	194 325	113 834	308 160
Electricity purchased	million kWh	10 743	2 459	13 202
	\$000	379 974	121 610	501 583
Total value of fuels and electricity purchased in the non-fuel mineral industry	\$000	574 299	235 444	809 743
Total value of fuels and electricity purchased in the fuel industry	\$000	..	..	601 267
Total value of fuels and electricity purchased in the mineral industry, all reporting companies	\$000	..	..	11 411 010

Sources: Natural Resources Canada; Statistics Canada.

— Nil; .. Not available.

¹ Cement manufacturing, lime manufacturing, clay and clay products (domestic clays) are included in the mineral manufacturing industry. ² Includes structural materials. ³ Includes wood, manufactured gas, steam purchased, and other miscellaneous fuels.

Note: Numbers may not add to totals due to rounding.

TABLE 28. CANADA, COST OF FUEL AND ELECTRICITY USED IN THE NON-FUEL MINERAL INDUSTRY,¹ 1989-93

	Unit	1989	1990	1991	1992	1993
METALS						
Fuel	\$000	254 442	270 811	263 207	212 635	194 325
Electricity purchased	million kWh	13 396	13 097	12 390	11 347	10 743
	\$000	398 188	411 002	404 491	399 545	379 974
Total cost of fuel and electricity	\$000	652 630	681 814	667 698	612 179	574 299
INDUSTRIALS²						
Fuel	\$000	127 612	131 080	124 709	112 093	113 834
Electricity purchased	million kWh	2 548	2 842	2 453	2 485	2 459
	\$000	113 108	114 151	114 471	118 004	121 610
Total cost of fuel and electricity	\$000	240 720	245 232	239 180	230 096	235 444
TOTAL MINERAL INDUSTRY						
Fuel	\$000	382 054	401 891	387 916	324 728	308 160
Electricity purchased	million kWh	15 944	15 939	14 843	13 832	13 202
	\$000	511 296	525 153	518 962	517 549	501 583
Total cost of fuel and electricity	\$000	893 350	927 046	906 878	842 275	809 743

Sources: Natural Resources Canada; Statistics Canada.

¹ Cement manufacturing, lime manufacturing, clay and clay products (domestic clays) are included in the mineral manufacturing industry. ² Includes structural materials.

Note: Numbers may not add to totals due to rounding.

**TABLE 29. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY,
STAGE I – MINERAL EXTRACTION AND CONCENTRATING (TOTAL
ACTIVITY),¹ 1961-95**

	Metal Mines	Nonmetal Mines	Structural Materials	Non-Fuel Mining	Coal	Crude Oil and Natural Gas	Total Non-Fuel and Fuel
SIC no.	061	062	081, 082	061, 062 081, 082	063	071	
	(number)						
1961	58 591	11 003	5 235	74 829	10 302	11 184	96 315
1962	58 243	11 408	5 514	75 165	9 897	11 232	96 294
1963	57 119	11 661	5 686	74 466	9 828	11 237	95 531
1964	57 648	11 727	6 044	75 419	9 796	11 242	96 457
1965	60 942	12 116	6 248	79 306	9 697	11 817	100 820
1966	61 670	12 422	6 312	80 404	9 281	12 378	102 063
1967	61 728	13 077	5 779	80 584	8 981	13 113	102 678
1968	63 369	13 673	5 836	82 878	8 427	13 611	104 916
1969	60 550	14 322	5 692	80 564	7 371	14 153	102 088
1970	66 590	15 150	5 510	87 250	7 874	14 970	110 094
1971	66 012	15 105	5 328	86 445	8 069	15 896	110 410
1972	61 994	14 866	5 154	82 014	8 704	16 604	107 322
1973	66 134	15 391	5 276	86 801	7 856	16 786	111 443
1974	70 038	16 198	6 197	92 433	8 142	18 155	118 730
1975	69 161	13 703	6 382	89 246	8 416	18 053	115 715
1976	68 269	15 649	5 685	89 603	8 995	19 096	117 694
1977	67 242	16 608	5 190	89 040	9 781	20 240	119 061
1978	56 447	16 035	4 847	77 329	10 574	22 045	109 948
1979	58 960	16 770	4 692	80 422	10 269	24 554	115 245
1980	66 118	16 979	4 461	87 558	11 416	27 448	126 422
1981	68 712	16 391	4 183	89 286	11 182	28 783	129 251
1982	61 503	13 680	3 491	78 674	13 113	31 699	123 486
1983	52 194	13 170	3 403	68 767	11 646	33 418	113 831
1984	52 683	13 698	3 560	69 941	11 905	33 944	115 790
1985	48 672	12 974	3 941	65 587	12 076	38 720	116 383
1986	46 487	12 376	4 887	63 750	10 747	34 936	109 433
1987	45 496	12 181	5 738	63 415	10 406	33 855	107 676
1988	48 277	11 679	5 917	65 873	11 122	33 762	110 757
1989	49 405	11 714	5 881	67 000	11 279	32 696	110 975
1990	45 248	11 515	5 376	62 139	11 017	31 926	105 082
1991	42 092	10 812	5 026	57 930	10 817	31 450	100 197
1992	37 774	10 419	4 338	52 531	9 726	27 678	89 935
1993	34 738	10 500	4 219	49 457	8 861	26 599	84 917
1994 ^p	34 013	10 451	5 379	49 843	9 096	28 665	87 604
1995 ^f	34 950	10 795	5 973	51 718	9 364	29 010	90 092

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

f Forecast; p Preliminary.

¹ Total activity includes sales and head offices.

TABLE 30. CANADA, EMPLOYMENT IN THE NON-FUEL MINERAL INDUSTRY, STAGE I – MINERAL EXTRACTION AND CONCENTRATING (TOTAL ACTIVITY),¹ 1961-95

	Gold	Uranium	Iron	Nickel, Copper, Zinc	Silver, Lead, Zinc	Other Nonferrous	Asbestos	Peat	Gypsum	Potash	Other Nonmetal	Stone Quarries	Sand and Gravel	Total Non-Fuel Mining
SIC no.	0611	0616	0617	0612, 0613	0614	0615, 0619	0621	0622	0623	0624	0625, 0629	081	082	
	(number)													
1961	15 994	(2)	8 446	23 351	4 524	6 276	6 773	1 207	599	(3)	2 424	3 173	2 062	74 829
1962	15 425	(2)	9 181	23 383	4 669	5 585	6 936	1 220	594	(3)	2 658	3 221	2 293	75 165
1963	14 639	(2)	9 608	22 703	5 163	5 006	6 828	1 303	677	(3)	2 853	3 477	2 209	74 466
1964	14 012	(2)	9 544	23 848	5 898	4 346	6 544	1 290	710	(3)	3 183	3 718	2 326	75 419
1965	13 155	(2)	11 739	25 892	6 121	4 035	6 536	1 201	646	1 050	2 683	3 511	2 737	79 306
1966	11 656	(2)	11 464	27 651	6 356	4 543	6 736	1 254	585	1 195	2 652	3 701	2 611	80 404
1967	10 355	(2)	10 899	29 288	6 030	5 156	6 931	1 261	505	1 724	2 656	3 381	2 398	80 584
1968	9 001	(2)	11 342	30 557	6 320	6 149	7 213	1 306	489	2 086	2 579	3 340	2 496	82 878
1969	8 221	(2)	10 490	28 679	6 467	6 693	7 242	1 156	657	2 713	2 554	3 252	2 440	80 564
1970	7 185	(2)	11 336	36 253	7 103	4 713	7 664	1 195	671	2 837	2 783	3 023	2 487	87 250
1971	6 148	(2)	11 524	37 713	6 506	4 121	8 101	1 269	603	2 519	2 613	2 832	2 496	86 445
1972	5 579	(2)	10 842	36 012	6 057	3 504	7 843	1 114	670	2 440	2 799	2 803	2 351	82 014
1973	5 603	(2)	13 395	37 602	6 112	3 422	8 027	1 236	676	2 684	2 768	3 097	2 179	86 801
1974	5 665	(2)	15 019	38 876	6 722	3 756	8 131	1 288	671	3 224	2 884	3 458	2 739	92 433
1975	5 798	(2)	16 155	35 538	7 362	4 308	6 042	1 303	576	3 351	2 431	3 544	2 838	89 246
1976	5 051	3 430	16 765	34 049	7 351	1 623	7 900	1 168	591	3 270	2 720	3 217	2 468	89 603
1977	4 643	4 140	15 550	33 703	7 512	1 694	8 302	1 244	652	3 628	2 782	3 004	2 186	89 040
1978	4 943	4 965	12 103	25 610	7 073	1 753	7 752	1 295	683	3 708	2 597	2 876	1 971	77 329
1979	5 013	5 858	14 563	25 116	7 081	1 329	8 067	1 372	738	3 905	2 688	2 860	1 832	80 422
1980	5 839	6 304	13 753	31 063	7 349	1 810	8 055	1 308	715	4 160	2 741	2 660	1 801	87 558
1981	6 809	6 869	12 397	33 246	7 740	1 651	6 829	1 441	711	4 661	2 749	2 418	1 765	89 286
1982	7 350	6 035	10 676	28 851	6 837	1 754	4 973	1 323	614	4 076	2 694	2 028	1 463	78 674
1983	7 956	5 390	8 236	24 953	5 073	586	4 617	1 301	682	3 696	2 874	1 980	1 423	68 767
1984	8 450	6 249	7 843	24 000	5 165	976	4 177	1 369	770	4 508	2 874	2 256	1 304	69 941
1985	7 862	5 989	7 077	22 073	4 724	947	3 569	1 363	753	4 488	2 801	2 340	1 601	65 587
1986	8 562	5 608	6 379	20 616	4 162	1 160	2 766	1 468	990	4 315	2 837	2 627	2 260	63 750
1987	9 757	5 289	6 039	18 979	4 372	1 060	2 858	1 510	929	4 094	2 790	2 911	2 827	63 415
1988	12 594	5 103	6 095	18 881	4 443	1 161	2 720	1 581	956	3 970	2 452	2 981	2 936	65 873
1989	12 631	4 839	6 303	19 837	4 487	1 308	2 800	1 713	965	3 893	2 343	3 145	2 736	67 000
1990	11 807	3 702	5 820	19 104	3 727	1 088	2 699	1 740	786	3 822	2 468	2 951	2 425	62 139
1991	10 869	2 391	5 683	18 634	3 459	1 056	2 423	1 519	636	3 825	2 409	2 774	2 252	57 930
1992	9 403	1 702	5 090	17 128	3 664	787	2 289	1 448	672	3 779	2 231	2 496	1 842	52 531
1993	8 810	1 467	4 648	15 892	3 134	787	2 253	1 624r	698	3 657	2 268	2 448	1 771	49 457
1994p	8 626pr	1 436pr	4 847	15 264	3 069pr	771pr	2 242	1 616	695	3 640	2 257	2 690	2 689	49 843
1995f	8 864pr	1 476pr	4 980pr	15 684pr	3 153	792pr	2 316pr	1 670pr	718pr	3 760pr	2 332pr	3 050	2 923	51 718

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

f Forecast; p Preliminary; pr Pro-rated.

¹ Total activity includes sales and head offices. (2) Included in "Other Nonferrous." (3) Included in "Other Nonmetal."

Note: Numbers may not add to totals due to rounding.

TABLE 31. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY, STAGE II – SMELTING AND REFINING (TOTAL ACTIVITY),¹ 1961-95

SIC no.	Smelting/ Refining	Iron and Steel Mills	Total Primary Metals	Petroleum Refineries	Total Smelting and Refining
	295	291	291, 295	3611	
			(number)		
1961	29 938	34 749	64 687	10 660	75 347
1962	29 693	36 593	66 286	10 184	76 470
1963	28 516	38 196	66 712	9 734	76 446
1964	30 153	41 505	71 658	9 547	81 205
1965	31 835	44 274	76 109	8 976	85 085
1966	34 237	45 999	80 236	8 996	89 232
1967	34 764	44 203	78 967	9 147	88 114
1968	34 710	44 634	79 344	9 091	88 435
1969	33 376	42 954	76 330	8 765	85 095
1970	37 298	49 169	86 467	14 725	101 192
1971	36 445	49 601	86 046	14 506	100 552
1972	33 829	49 758	83 587	14 376	97 963
1973	32 396	53 008	85 404	14 843	100 247
1974	35 249	54 253	89 502	15 967	105 469
1975	35 577	54 003	89 580	15 624	105 204
1976	34 246	51 978	86 224	15 105	101 329
1977	35 647	52 709	88 356	16 464	104 820
1978	32 652	56 669	89 321	18 958	108 279
1979	32 869	59 167	92 036	18 037	110 073
1980	36 137	61 238	97 375	18 743	116 118
1981	38 011	56 543	94 554	21 325	115 879
1982	33 215	52 330	85 545	20 155	105 700
1983	31 788	47 693	79 481	17 557	97 038
1984	31 752	48 899	80 651	15 847	96 498
1985	30 567	47 685	78 252	15 326	93 578
1986	29 058	46 461	75 519	13 287	88 806
1987	29 397	46 493	75 890	13 252	89 142
1988	30 099	48 259	78 358	13 358	91 716
1989	30 651	46 738	77 389	13 881	91 270
1990	30 573	39 120	69 693	13 820	83 513
1991	28 817	38 126	66 943 ^a	12 459	79 402
1992	27 837	35 268	63 105 ^a	11 032	74 137
1993	26 175	33 327	59 502 ^a	10 819	70 321
1994 ^e	25 305	31 426	56 732 ^a	9 981 ^{pr}	66 713
1995 ^f	26 951	32 571	59 162	9 335 ^{pr}	68 497

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

^e Estimated; ^f Forecast; ^{pr} Pro-rated.

^a Change is partially due to the reclassification of a unit from SIC 295 to SIC 296 effective May 1991.

¹ Total activity includes sales and head offices.

Note: Numbers may not add to totals due to rounding.

TABLE 32. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY, STAGE III – SEMI-FABRICATION (TOTAL ACTIVITY),¹ 1961-95

SIC no. ²	Total Non-Fuel Semi-Fabrication	Miscellaneous Petroleum and Coal Products	Lubricating Oil and Greases	Total Semi-Fabrication
		369	3612	
		(number)		
1961	77 063	581	331	77 975
1962	80 606	608	352	81 566
1963	82 420	635	354	83 409
1964	87 843	726	373	88 942
1965	93 912	531	408	94 851
1966	98 602	585	424	99 611
1967	96 033	546	407	96 986
1968	96 375	518	397	97 290
1969	99 438	532	438	100 408
1970	96 144	499	423	97 066
1971	95 831	561	450	96 842
1972	101 109	555	478	102 142
1973	105 884	757	487	107 128
1974	109 818	954	514	111 286
1975	104 296	984	656	105 936
1976	103 411	982	602	104 995
1977	101 257	716	669	102 642
1978	107 234	683	712	108 629
1979	111 231	461	695	112 387
1980	105 902	532	798	107 232
1981	103 192	584	729	104 505
1982	90 194	571	792	91 557
1983	86 814	503	857	88 174
1984	91 405	521	896	92 822
1985	94 515	513	900	95 928
1986	96 744	778	1 001	98 523
1987	99 963	894	1 002	101 859
1988	103 307	1 161	1 091	105 559
1989	101 419	1 135	1 029	103 583
1990	94 544	1 000	1 048	96 592
1991	87 091	1 138	1 046	89 275
1992	81 001	1 390	993	83 384
1993	79 389	1 401	1 864	82 654
1994 ^e	82 189	1 700	1 720 ^{pr}	85 608
1995 ^f	87 889	1 652	1 608 ^{pr}	91 150

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

^e Estimated; ^f Forecast; ^{pr} Pro-rated.¹ Includes sales and head offices. ² 1970 SIC for years 1961-82.

Note: Numbers may not add to totals due to rounding.

TABLE 33. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY, STAGE III – NON-FUEL SEMI-FABRICATION (TOTAL ACTIVITY),¹ 1961-95

SIC no.	Steel Pipe and Tube	Iron Foundries	Aluminum Rolling, Casting, Extruding	Copper Rolling, Casting, Extruding	Other Rolling, Casting, Extruding	Wire and Wire Products	Clay and Clay Products	Cement	Concrete Products	Ready-Mix Concrete	Glass and Glass Products ²	Abrasives	Lime	Other Non- metallic Products	Total Non-Fuel Semi- Fabrication
	292	294	296	297	299	305	351	352	354	355	356	357	358	359	
	(number)														
1961	3 407	8 178	5 095	3 482	2 731	12 227	5 327	3 590	8 503	4 232	9 802	2 481	847	7 161	77 063
1962	3 676	8 546	5 118	3 492	2 770	13 045	5 468	3 679	9 156	4 886	10 042	2 577	949	7 202	80 606
1963	3 840	8 216	5 164	3 651	3 038	13 743	5 376	3 566	9 317	5 411	10 346	2 464	886	7 402	82 420
1964	4 437	9 620	4 834	3 849	3 382	14 850	5 582	3 592	10 225	6 171	10 362	2 580	815	7 544	87 843
1965	4 799	11 714	4 654	3 620	3 736	16 099	5 675	3 837	10 988	6 559	10 873	2 821	800	7 737	93 912
1966	4 795	13 027	4 943	4 199	4 103	16 391	5 876	4 053	11 090	7 349	11 248	3 044	785	7 699	98 602
1967	5 012	11 970	5 468	4 027	4 287	16 060	5 559	3 972	10 321	7 137	11 388	2 734	724	7 374	96 033
1968	5 441	11 131	5 491	3 947	4 585	16 082	5 515	3 747	10 166	7 440	11 992	2 617	662	7 559	96 375
1969	5 146	11 582	6 028	3 922	4 856	17 014	5 383	3 778	11 011	7 509	12 031	2 697	707	7 774	99 438
1970	5 314	10 663	6 297	3 744	4 060	16 598	4 938	3 887	9 562	7 340	11 654	2 559	660	8 868	96 144
1971	5 306	9 897	5 612	3 608	3 845	16 272	4 682	3 954	10 719	7 997	11 672	2 310	670	9 287	95 831
1972	6 268	9 948	6 200	3 740	4 215	17 651	4 695	4 732	10 817	8 240	12 045	2 367	651	9 540	101 109
1973	5 288	10 965	6 206	3 736	4 863	18 877	5 001	4 871	10 790	9 233	12 840	2 555	724	9 935	105 884
1974	5 845	12 054	6 162	3 779	4 877	19 535	5 289	4 666	11 602	9 219	12 915	2 676	840	10 359	109 818
1975	5 785	11 480	5 672	3 240	4 573	17 614	5 042	4 577	11 201	9 541	11 779	2 318	790	10 684	104 296
1976	5 546	10 365	6 255	3 297	5 354	17 573	4 791	4 517	10 773	9 128	11 836	2 535	804	10 637	103 411
1977	5 634	10 459	6 884	3 183	4 703	17 886	4 553	4 265	10 001	8 521	11 204	2 557	828	10 579	101 257
1978	6 289	10 472	7 060	3 586	5 268	18 823	4 366	4 520	10 486	9 520	11 595	2 678	784	11 787	107 234
1979	6 480	10 520	7 698	3 728	6 292	19 765	4 947	4 828	9 766	9 332	11 835	2 660	925	12 455	111 231
1980	6 514	9 245	6 627	3 230	5 749	18 529	4 875	4 791	9 280	9 348	11 967	2 628	1 003	12 116	105 902
1981	7 531	8 358	6 512	3 031	5 182	17 309	4 145	4 726	9 121	10 053	12 003	2 571	968	11 682	103 192
1982	6 017	8 163	6 255	2 541	4 694	14 575	3 004	4 317	8 245	8 034	11 016	2 170	895	10 268	90 194
1983	4 521	7 364	6 415	2 744	4 827	13 493	3 008	4 057	7 286	8 390	11 896	1 852	862	10 099	86 814
1984	5 482	7 911	6 661	2 971	5 274	14 212	3 070	3 771	7 657	8 802	12 754	1 949	876	10 015	91 405
1985	5 978	7 750	6 196	3 012	5 620	15 354	2 727	3 533	8 336	9 210	12 872	1 895	783	11 249	94 515
1986	4 829	7 547	6 200	3 059	6 357	15 262	3 770	3 514	9 174	10 422	13 448	1 827	778	10 557	96 744
1987	4 964	7 860	6 143	2 828	6 403	14 943	3 930	3 646	10 309	11 910	13 605	1 693	784	10 945	99 963
1988	6 008	8 095	6 124	3 040	7 049	15 154	3 261	3 388	11 386	12 461	13 336	1 917	873	11 215	103 307
1989	5 438	7 538	6 285	3 119	6 645	15 077	3 044	3 350	11 505	12 377	12 664	2 039	871	11 467	101 419
1990	5 319	8 397	5 463	2 316	5 479	12 965	2 563	3 259	10 627	12 798	11 733	1 837	836	10 952	94 544
1991	5 618	7 680	5 169	2 211	4 710	12 369	2 254	3 111	9 442	11 633	10 855	1 408	861	9 770	87 091
1992	4 808	7 394	4 998	2 066	5 100	11 580	2 204	2 962	7 741	10 982	10 053	1 523	771	8 819	81 001
1993	5 555	7 174	5 128	2 111	4 946	11 814	1 686	2 786	7 387	10 438	9 676	1 395	731	8 562	79 389
1994 ^e	5 160	9 432	5 490	1 926	6 679	9 943	1 712	2 715	8 738	10 713	9 021	1 417	743	8 499	82 189
1995 ^f	5 587	9 173	4 772	4 732	5 981	9 907	1 889	2 712	9 529	10 670	11 237	1 563	820	9 316	87 889

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

^e Estimated; ^f Forecast.

^a Increase is primarily due to the reclassification of an establishment from SIC 295 to SIC 296 effective May 1991.

¹ Includes sales and head offices. ² Includes sealed window manufacturers until 1969; thereafter, these are included in Stage IV – Ornamental Metal Products.

Note: Numbers may not add to totals due to rounding.

TABLE 34. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY, STAGE IV – METALLIC MINERAL MANUFACTURING (TOTAL ACTIVITY),¹ 1961-95

SIC no.	Boilers	Structural Metal Products	Ornamental Metal Products	Stamped, Pressed and Coated Products	Hardware Tool and Cutlery	Heating Equipment	Machine Parts	Other Metal Fabricating	Total Mineral Manufacturing
	301	302	303	304	306	307	308	309	
	(number)								
1961	4 709	14 231	10 641	21 156	9 135	5 137	7 756	15 249	88 014
1962	4 886	14 802	11 640	23 606	10 223	5 349	8 603	16 283	95 392
1963	5 350	14 212	12 459	24 024	11 112	5 586	9 179	16 627	98 549
1964	5 429	14 602	12 808	25 192	13 110	5 673	10 137	18 088	105 039
1965	6 496	18 072	13 439	27 925	13 570	5 711	11 618	20 017	116 848
1966	7 239	21 038	13 488	29 577	14 326	5 464	13 235	21 431	125 798
1967	6 622	18 547	12 994	29 830	14 056	5 461	13 810	21 007	122 327
1968	7 962	17 150	12 664	29 560	14 166	4 930	13 501	20 825	120 758
1969	7 494	18 203	12 784	30 463	14 401	5 059	14 517	20 895	123 816
1970	7 661	19 104	12 417	29 709	15 241	4 670	14 221	20 543	123 566
1971	7 847	17 556	12 614	28 710	14 920	4 749	13 097	20 755	120 248
1972	8 136	17 113	13 611	27 939	16 386	4 238	11 731	21 504	120 658
1973	8 013	18 164	13 937	30 026	18 819	4 453	10 138	22 494	126 044
1974	8 681	20 020	14 470	31 276	20 234	4 930	10 936	23 663	134 210
1975	10 211	19 101	15 241	30 273	18 990	4 717	10 922	23 810	133 265
1976	10 704	18 056	15 541	31 487	19 316	4 977	10 764	23 704	134 549
1977	9 660	17 209	14 800	30 888	17 867	4 538	10 762	23 298	129 022
1978	9 124	16 759	16 753	34 181	18 856	5 086	12 029	24 904	137 692
1979	9 477	18 676	18 018	33 548	21 090	5 818	13 081	23 705	143 413
1980	10 374	17 700	17 890	32 266	20 830	5 993	13 449	24 217	142 719
1981	11 215	18 445	17 603	32 459	19 575	5 806	14 297	22 123	141 523
1982	10 965	17 021	15 228	29 865	17 342	5 317	13 083	18 167	126 988
1983	5 413	18 437	13 537	27 947	16 609	5 032	12 881	16 044	115 900
1984	4 548	17 162	13 538	27 758	17 308	4 220	14 200	16 256	114 990
1985	4 455	18 083	15 598	31 021	19 297	5 607	15 356	14 927	124 344
1986	4 990	19 213	17 462	31 584	21 164	5 779	17 259	15 170	132 621
1987	4 816	18 615	19 770	35 329	22 129	6 252	18 398	16 358	141 667
1988	6 182	19 689	20 795	36 976	23 042	6 390	22 681	17 887	153 642
1989	5 407	23 006	22 591	36 707	25 626	7 076	24 639	20 099	165 151
1990	5 234	21 277	21 075	33 665	22 475	6 112	24 271	19 298	153 407
1991	5 081	18 667	19 885	30 348	21 912	5 246	23 092	16 770	141 001
1992	5 557	15 236	16 523	28 512	19 084	4 187	18 374	15 312	122 785
1993	5 277	14 769	14 554	28 396	20 051	4 463	18 840	14 442	120 792
1994 ^e	5 467	16 491	12 656	32 128	29 173	4 056	18 241	12 393	130 606
1995 ^f	4 466	16 200	12 049	30 639	23 134	3 932	24 611	17 851	132 884

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

^e Estimated; ^f Forecast.¹ Total activity includes sales and head offices.

Note: Numbers may not add to totals due to rounding.

TABLE 35. CANADA, EMPLOYMENT FOR SERVICES INCIDENTAL TO MINES, QUARRIES AND OIL WELLS, 1961-95^a

	Petroleum and Natural Gas Contract Drilling	Mining Diamond Drilling	Other Services Incidental to Mines, Quarries and Oil Wells	Total
	(number)			
1961	4 144	2 025	1 409	7 578
1962	3 800	1 926	1 720	7 446
1963	4 179	2 201	1 491	7 871
1964	4 158	2 401	2 077	8 636
1965	4 648	2 776	3 137	10 561
1966	4 428	2 887	4 317	11 632
1967	4 249	2 669	5 425	12 343
1968	4 434	2 985	6 350	13 769
1969	4 821	3 109	6 967	14 897
1970	4 267	3 207	7 894	15 368
1971	4 093	2 514	7 710	14 317
1972	4 817	2 083	6 139	13 039
1973	5 680	2 123	5 193	12 996
1974	5 054	2 317	5 017	12 388
1975	5 096	1 899	4 139	11 134
1976	5 486	1 548	5 043	12 077
1977	6 054	1 682	5 723	13 459
1978	7 419	1 681	7 492	16 592
1979	9 076	2 420	8 436	19 932
1980	11 097	2 959	9 327	23 383
1981	8 448	2 721	9 856	21 025
1982	6 882	1 880	7 752	16 514
1983	12 032	1 575	12 254	25 861
1984	27 059	1 684	10 602	39 345
1985	30 146	1 625	12 191	43 962
1986	25 290	2 198	11 582	39 069
1987	24 527	3 353	11 174	39 054
1988	26 216	3 201	12 384	41 801
1989	23 513	2 072	11 052	36 637
1990	22 779	1 848	9 540	34 166
1991	24 058	1 395	8 606	34 059
1992	18 527	1 143	6 967	26 637
1993	20 397	1 515	6 284	28 196
1994 ^p	26 242	1 744	7 810	35 797
1995 ^f	23 188	1 744	8 037	32 970

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

^f Forecast; ^p Preliminary.

^a From 1961 to 1983, Petroleum and Natural Gas Contract Drilling included SIC Code 0911, Mining Diamond Drilling included SIC Code 0921, and Other Services Incidental to Mines, Quarries and Oil Wells included both SIC Codes 0919 and 0929. For data beginning in the year 1984, these series changed. Petroleum and Natural Gas Contract Drilling includes both SIC Codes 0911 and 0919, Mining Diamond Drilling includes SIC Code 0921, and Other Services Incidental to Mines and Quarries (excluding Oil Wells) includes SIC Code 0929 only.

Note: Numbers may not add to totals due to rounding.

TABLE 36. CANADA, EMPLOYMENT, SALARIES AND WAGES IN THE MINERAL INDUSTRY,¹ 1986-93

	Unit	1986	1987	1988	1989	1990	1991	1992	1993
METALS									
Production and related workers	Number	34 941	34 329	36 140	37 451	33 895	31 168	27 908	25 762
Salaries and wages	\$000	1 308 956	1 327 119	1 539 838	1 707 653	1 674 050	1 627 254	1 532 118	1 374 090
Annual average salary and wage	\$	37 462	38 659	42 608	45 597	49 389	52 209	54 899	53 338
Administrative and office workers	Number	11 546	11 167	12 137	11 954	11 353	10 924	9 866	8 976
Salaries and wages	\$000	489 402	489 609	561 205	600 238	603 486	626 302	587 210	532 735
Annual average salary and wage	\$	42 387	43 844	46 239	50 212	53 157	57 333	59 519	59 351
Total metals									
Employees	Number	46 487	45 496	48 277	49 405	45 248	42 092	37 774	34 738
Salaries and wages	\$000	1 798 358	1 816 728	2 101 043	2 307 891	2 277 536	2 253 556	2 119 328	1 906 825
Annual average salary and wage	\$	38 685	39 932	43 521	46 714	50 335	53 539	56 105	54 892
INDUSTRIAL MINERALS²									
Production and related workers	Number	12 376	12 989	12 969	12 976	12 702	11 699	11 107	11 087
Salaries and wages	\$000	361 039	401 626	429 111	440 750	438 725	427 512	427 276	431 540
Annual average salary and wage	\$	29 173	30 920	33 087	33 967	34 540	36 543	38 469	38 923
Administrative and office workers	Number	4 887	4 930	4 627	4 619	4 189	4 139	3 650	3 632
Salaries and wages	\$000	169 237	183 979	189 650	191 558	181 420	186 909	172 477	171 076
Annual average salary and wage	\$	34 630	37 318	40 988	41 472	43 309	45 158	47 254	47 102
Total industrial minerals									
Employees	Number	17 263	17 919	17 596	17 595	16 891	15 838	14 757	14 719
Salaries and wages	\$000	530 276	585 605	618 761	632 308	620 145	614 421	599 753	602 616
Annual average salary and wage	\$	30 717	32 681	35 165	35 937	36 715	38 794	40 642	40 941
MINERAL FUELS									
Production and related workers	Number	17 043	17 052	18 251	18 277	17 660	17 499	15 768	14 349
Salaries and wages	\$000	708 529	716 189	780 402	837 158	828 061	872 255	774 234	727 767
Annual average salary and wage	\$	41 573	42 000	42 759	45 804	46 889	49 846	49 102	49 102
Administrative and office workers	Number	28 640	27 209	26 633	25 698	25 283	24 768	21 636	21 111
Salaries and wages	\$000	1 408 406	1 330 835	1 376 003	1 455 629	1 408 133	1 563 624	1 489 249	1 398 233
Annual average salary and wage	\$	49 176	48 912	51 665	56 644	55 695	63 131	68 832	66 232
Total mineral fuels									
Employees	Number	45 683	44 261	44 884	43 975	42 943	42 267	37 404	35 460
Salaries and wages	\$000	2 116 935	2 047 024	2 156 405	2 292 787	2 236 194	2 435 879	2 263 483	2 126 000
Annual average salary and wage	\$	46 340	46 249	48 044	52 138	52 074	57 631	60 514	60 514
TOTAL MINERAL INDUSTRY									
Production and related workers	Number	64 360	64 370	67 360	68 704	64 257	60 366	54 783	51 198
Salaries and wages	\$000	2 378 524	2 444 934	2 749 351	2 985 561	2 940 836	2 927 021	2 733 628	2 533 397
Annual average salary and wage	\$	36 957	37 983	40 816	43 455	45 767	48 488	49 899	49 482
Administrative and office workers	Number	45 073	43 306	43 397	42 271	40 825	39 831	35 152	33 719
Salaries and wages	\$000	2 067 045	2 004 423	2 126 857	2 247 425	2 193 039	2 376 835	2 248 936	2 102 044
Annual average salary and wage	\$	45 860	46 285	49 009	53 167	53 718	59 673	63 977	62 340
Total mineral industry									
Employees	Number	109 433	107 676	110 757	110 975	105 082	100 197	89 935	84 917
Salaries and wages	\$000	4 445 569	4 449 357	4 876 209	5 232 986	5 133 875	5 303 856	4 982 564	4 635 441
Annual average salary and wage	\$	40 624	41 322	44 026	47 155	48 856	52 934	55 402	54 588

Sources: Natural Resources Canada; Statistics Canada.

¹ Cement manufacturing, lime manufacturing, clay and clay products (domestic clays) are included in the mineral manufacturing industry. ² Includes structural materials.

Note: Numbers may not add to totals due to rounding.

TABLE 37. CANADA, EMPLOYMENT, SALARIES AND WAGES IN THE MINERAL MANUFACTURING INDUSTRIES, 1986-93

	Unit	1986	1987	1988	1989	1990	1991	1992	1993
PRIMARY METAL INDUSTRIES									
Production and related workers	Number	90 035	..	95 967	94 037	82 845	79 690	75 842	74 627
Salaries and wages	\$000	2 924 986	..	3 387 100	3 505 958	3 265 293	3 272 436	3 292 603	3 302 823
Annual average salary and wage	\$	32 487	..	35 294	37 283	39 414	41 065	43 414	44 258
Administrative and office workers	Number	28 738	..	27 861	27 454	26 787	25 010	23 209	21 603
Salaries and wages	\$000	1 182 287	..	1 249 200	1 314 630	1 282 902	1 268 889	1 209 180	1 173 189
Annual average salary and wage	\$	41 140	..	44 837	47 885	47 893	50 735	52 100	54 307
Total primary metal industries ¹									
Employees	Number	118 773	119 372	123 828	121 491	109 632	104 700	99 051	96 230
Salaries and wages	\$000	4 107 273	4 244 950	4 636 300	4 820 588	4 548 195	4 541 325	4 501 783	4 476 012
Annual average salary and wage	\$	34 581	35 561	37 441	39 679	41 486	43 375	45 449	46 514
NONMETALLIC MINERAL PRODUCTS INDUSTRIES									
Production and related workers	Number	42 011	..	45 974	46 019	43 482	38 756	34 711	32 919
Salaries and wages	\$000	1 121 460	..	1 309 458	1 374 934	1 337 159	1 205 721	1 121 621	1 092 474
Annual average salary and wage	\$	26 694	..	28 483	29 878	30 752	31 111	32 313	33 187
Administrative and office workers	Number	11 479	..	11 863	11 298	11 123	10 578	10 344	9 742
Salaries and wages	\$000	406 427	..	464 835	466 153	473 886	453 120	444 113	441 680
Annual average salary and wage	\$	35 406	..	39 184	41 260	42 604	42 836	42 934	45 338
Total nonmetallic mineral products									
Employees	Number	53 490	56 822	57 837	57 317	54 605	49 334	45 055	42 661
Salaries and wages	\$000	1 527 887	1 668 869	1 774 293	1 841 087	1 811 045	1 658 841	1 565 734	1 534 154
Annual average salary and wage	\$	28 564	29 370	30 677	32 121	33 166	33 625	34 752	35 962
FABRICATED METAL PRODUCTS INDUSTRIES									
Production and related workers	Number	109 634	..	129 187	141 465	127 585	117 317	97 676	96 887
Salaries and wages	\$000	2 518 297	..	3 172 110	3 682 263	3 532 497	3 398 428	2 908 168	2 906 712
Annual average salary and wage	\$	22 970	..	24 554	26 029	27 687	28 968	29 774	30 001
Administrative and office workers	Number	22 987	..	24 455	23 686	26 272	23 684	25 029	23 905
Salaries and wages	\$000	746 041	..	882 671	893 706	1 031 078	930 430	1 028 739	1 000 767
Annual average salary and wage	\$	32 455	..	36 094	37 731	39 246	39 285	41 102	41 864
Total fabricated metal products industries									
Employees	Number	132 621	142 194	153 642	165 151	153 857	141 001	122 705	120 792
Salaries and wages	\$000	3 264 338	3 565 982	4 054 781	4 575 969	4 563 575	4 328 858	3 936 907	3 907 479
Annual average salary and wage	\$	24 614	25 078	26 391	27 708	29 661	30 701	32 084	32 349
PETROLEUM AND COAL PRODUCTS INDUSTRIES									
Production and related workers	Number	6 359	..	6 837	6 973	6 781	7 020	6 633	6 883
Salaries and wages	\$000	265 156	..	318 581	329 984	334 412	349 896	334 166	354 364
Annual average salary and wage	\$	41 698	..	46 597	47 323	49 316	49 843	50 379	51 484
Administrative and office workers	Number	8 707	..	8 773	9 072	9 087	7 623	6 782	7 201
Salaries and wages	\$000	399 264	..	407 084	446 702	464 798	409 932	369 992	416 680
Annual average salary and wage	\$	45 856	..	46 402	49 240	51 150	53 776	54 555	57 864
Total petroleum and coal products									
Employees	Number	15 066	15 148	15 610	16 045	15 868	14 643	13 415	14 084
Salaries and wages	\$000	664 420	708 309	725 665	776 686	799 210	759 828	704 158	771 044
Annual average salary and wage	\$	44 101	46 759	46 487	48 407	50 366	51 890	52 490	54 746
TOTAL MINERAL MANUFACTURING INDUSTRIES									
Production and related workers	Number	248 039	..	277 965	288 494	260 693	242 783	214 862	211 316
Salaries and wages	\$000	6 829 899	..	8 187 249	8 893 139	8 469 361	8 226 481	7 656 558	7 656 373
Annual average salary and wage	\$	27 536	..	29 454	30 826	32 488	33 884	35 635	36 232
Administrative and office workers	Number	71 911	..	72 952	71 510	73 269	66 895	65 364	62 451
Salaries and wages	\$000	2 734 019	..	3 003 790	3 121 191	3 252 664	3 062 371	3 052 024	3 302 316
Annual average salary and wage	\$	38 019	..	41 175	43 647	44 393	45 779	46 693	48 555
Total mineral manufacturing industries									
Employees	Number	319 950	333 536	350 917	360 004	333 962	309 678	280 226	273 767
Salaries and wages	\$000	9 563 918	10 188 110	11 191 039	12 014 330	11 722 025	11 288 852	10 708 582	10 688 689
Annual average salary and wage	\$	29 892	30 546	31 891	33 373	35 100	36 454	38 214	39 043

Source: Statistics Canada.

.. Not available.

¹ Wire and wire products have been included in the Primary Metal Industries group.

TABLE 38. CANADA, NUMBER OF WAGE EARNERS EMPLOYED IN THE NON-FUEL MINERAL INDUSTRY (SURFACE, UNDERGROUND AND MILL), 1986-93

	1986	1987	1988	1989	1990	1991	1992	1993
METALS								
Surface	9 674	9 557	9 637	9 358	8 608	7 545	6 550	5 973
Underground	13 982	13 747	14 968	16 116	14 454	13 614	12 205	11 281
Mill	11 285	11 025	11 535	11 977	10 833	10 009	9 153	8 508
Total	34 941	34 329	36 140	37 451	33 895	31 168	27 908	25 762
INDUSTRIAL MINERALS								
Surface	5 396	5 771	5 908	5 744	5 387	4 900	4 553	4 620
Underground	2 112	2 234	2 173	2 251	2 309	2 214	2 125	2 098
Mill	4 868	4 984	4 888	4 981	5 006	4 585	4 429	4 369
Total	12 376	12 989	12 969	12 976	12 702	11 699	11 107	11 087
TOTAL NON-FUEL MINERAL INDUSTRY								
Surface	15 070	15 328	15 545	15 102	13 995	12 445	11 103	10 593
Underground	16 094	15 981	17 141	18 367	16 763	15 828	14 330	13 379
Mill	16 153	16 009	16 423	16 958	15 839	14 594	13 582	12 877
Total	47 317	47 318	49 109	50 427	46 597	42 867	39 015	36 849

Source: Natural Resources Canada.

Note: Numbers may not add to totals due to rounding.

TABLE 39. CANADA, MINE AND MILL WORKERS, BY SEX, EMPLOYED IN THE NON-FUEL MINERAL INDUSTRY, 1993

	Mine Workers							
	Underground		Surface		Mill Workers		Total	
	Male	Female	Male	Female	Male	Female	Male	Female
METALLIC MINERALS								
Gold	4 059	13	1 135	17	1 509	62	6 703	92
Silver-lead-zinc	1 219	4	257	28	497	11	1 973	43
Uranium	299	10	301	2	536	27	1 136	39
Iron ore	26	1	894	24	2 453	86	3 373	111
Nickel-copper-zinc ¹	5 536	31	2 970	74	2 970	99	11 476	204
Miscellaneous metal mines ²	83	—	254	17	254	4	591	21
Total	11 222	59	5 811	162	8 219	289	25 252	510
INDUSTRIAL MINERALS								
Asbestos	140	—	590	2	979	18	1 709	20
Peat	—	—	568	37	671	20	1 239	57
Gypsum	136	—	359	1	81	3	576	4
Potash	1 356	8	55	1	1 306	28	2 717	37
Miscellaneous nonmetals ³	457	1	296	3	835	23	1 588	27
Stone	—	—	1 533	15	274	4	1 807	19
Sand and gravel	—	—	1 126	34	127	—	1 253	34
Total	2 089	9	4 527	93	4 273	96	10 889	198
Total mining ⁴	13 311	68	10 338	255	12 492	385	36 141	708

Source: Natural Resources Canada.

— Nil.

¹ Includes copper-zinc and nickel-copper mines. ² Includes molybdenum mines. ³ Includes salt mines. ⁴ Coal no longer included. Beginning in 1986, the count of employees for coal, broken down by surface, underground and mill workers by sex, is no longer available.

TABLE 40. CANADA, LABOUR COSTS FOR METAL MINES IN RELATION TO TONNES MINED, 1991-93

	Number of Wage Earners	Total Wages	Average Annual Wage	Tonnage of Ore Mined	Average Annual Tonnes Mined per Wage Earner	Wage Cost per Tonne Mined
		(\$000)	(\$)	(000 tonnes)		(\$)
1991						
Uranium	1 098	55 609	50 646	2 308	2 102	24.09
Gold	6 463	350 506	54 233	22 851	3 536	15.34
Silver-lead-zinc	1 553	78 224	50 370	12 572	8 095	6.22
Nickel-copper-zinc ¹	10 356	538 052	51 956	118 554	11 448	4.54
Miscellaneous metals ²	502	21 332	42 493	16 890	33 645	1.26
Iron ore	1 187	70 798	59 644	98 179	82 712	0.72
Total	21 159	1 114 520	52 674	271 353	12 824	4.11
1992						
Uranium	709	41 738	58 869	1 562	2 203	26.72
Gold	5 490	315 210	57 415	20 842	3 796	15.12
Silver-lead-zinc	1 744	77 041	44 175	13 306	7 630	5.79
Nickel-copper-zinc ¹	9 389	503 391	53 615	117 601	12 525	4.28
Miscellaneous metals ²	388	16 930	43 634	13 325	34 343	1.27
Iron ore	1 035	72 346	69 900	81 524	78 767	0.89
Total	18 755	1 026 656	54 740	248 160	13 232	4.14
1993						
Uranium	612	31 400	51 307	1 663	2 718	18.88
Gold	5 224	297 819	57 010	19 285	3 692	15.44
Silver-lead-zinc	1 508	55 351	36 705	8 001	5 305	6.92
Nickel-copper-zinc ¹	8 611	450 870	52 360	116 277	13 503	3.88
Miscellaneous metals ²	354	15 997	45 190	12 496	35 301	1.28
Iron ore	945	65 773	69 601	78 741	83 324	0.84
Total	17 254	917 210	53 159	236 464	13 705	3.88

Source: Natural Resources Canada.

¹ Includes copper-zinc and nickel-copper mines. ² Includes molybdenum mines.**TABLE 41. CANADA, PERSON-HOURS PAID FOR PRODUCTION AND RELATED WORKERS, AND TONNES OF ORE MINED AND ROCK QUARRIED IN METAL MINES AND OTHER MINERAL OPERATIONS, 1988-93**

	Unit	1988	1989	1990	1991	1992	1993
METAL MINES¹							
Ore mined	Mt	282.1	283.8	280.6	271.4	248.2	236.5
Person-hours paid ²	million	79.1	81.8	74.6	68.7	61.1	55.5
Person-hours paid per tonne mined	number	0.28	0.29	0.27	0.25	0.25	0.23
Tonnes mined per person-hour paid	t	3.57	3.47	3.76	3.95	4.06	4.26
OTHER MINERAL OPERATIONS³							
Ore mined and rock quarried	Mt	162.5	159.4	158.1	156.8	147.8	118.2
Person-hours paid ²	million	34.3	35.2	34.6	32.5	30.1	32.2
Person-hours paid per tonne mined	number	0.21	0.22	0.22	0.21	0.20	0.27
Tonnes mined per person-hour paid	t	4.74	4.53	4.57	4.82	4.91	3.67

Sources: Natural Resources Canada; Statistics Canada, catalogue nos. 26-223, 26-224, and 26-206.

¹ Excludes placer mining. ² Person-hours paid for production and related workers only. ³ Includes asbestos, potash, gypsum, salt, miscellaneous nonmetals, and coal.

TABLE 42. CANADA, AVERAGE WEEKLY WAGES AND HOURS WORKED (INCLUDING OVERTIME) FOR HOURLY RATED EMPLOYEES IN MINING, MANUFACTURING AND CONSTRUCTION INDUSTRIES, 1990-95

	1990	1991	1992	1993	1994	1995
MINING, QUARRYING AND OIL WELLS						
Average hours per week	40.0	39.5	39.8	39.6	39.8	39.9
Average weekly wage (\$)	764.99	812.25	847.11	859.51	861.90	897.90
METALS						
Average hours per week	40.2	39.6	39.8	39.1	39.3	40.4
Average weekly wage (\$)	824.66	887.30	926.11	938.37	966.83	1 029.10
MINERAL FUELS						
Coal Mines						
Average hours per week	42.0	41.2	41.5	41.3	41.2	41.8
Average weekly wage (\$)	843.30	868.98	904.30	911.24	910.94	959.00
Crude Petroleum and Natural Gas						
Average hours per week	45.9	42.3	41.3	39.7	38.4	38.8
Average weekly wage (\$)	934.65	970.19	943.41	991.84	971.31	1 021.40
NONMETALS						
Average hours per week	38.8	39.1	39.6	38.8	39.9	40.3
Average weekly wage (\$)	680.65	712.13	752.10	750.24	789.74	817.80
MANUFACTURING						
Average hours per week	38.2	37.9	38.3	38.6	38.8	38.5
Average weekly wage (\$)	541.86	562.57	588.57	605.61	619.29	622.90
CONSTRUCTION						
Average hours per week	38.0	37.1	36.6	36.6	37.7	37.2
Average weekly wage (\$)	638.60	648.46	645.18	643.96	665.72	687.10

Source: Statistics Canada.

TABLE 43. CANADA, INDUSTRIAL FATALITIES PER THOUSAND WORKERS BY INDUSTRY GROUP,¹ 1991-94

	Fatalities				Number of Workers				Rate per 1000 Workers			
	1991	1992	1993	1994P	1991	1992	1993	1994P	1991	1992	1993	1994P
	(number)				(000)							
Agriculture	16	21	15	13	448	437	450	425	0.04	0.05	0.03	0.03
Forestry and fishing ²	51	39	67	45	106	106	108	121	0.48	0.37	0.62	0.37
Mining ³	107	96	106	84	174	162	152	157	0.61	0.59	0.70	0.54
Manufacturing	133	110	128	137	1 865	1 879	1 893	1 949	0.07	0.06	0.07	0.07
Construction	111	115	137	145	695	717	694	750	0.16	0.16	0.20	0.19
Transportation ⁴	137	107	107 ^r	108	916	971	961	978	0.15	0.11	0.11 ^r	0.11
Trade	54	38	48	43	2 169	2 267	2 253	2 314	0.02	0.02	0.02	0.02
Finance ⁵	6	3	6	7	760	804	810	788	0.01	0.00	0.01	0.01
Service ⁶	131	107	58	55	4 376	4 621	4 790	4 932	0.03	0.02	0.01	0.01
Public administration ⁷	31	13	46	40	832	879	903	877	0.04	0.01	0.05	0.05
Unknown	10	29	19	28	..	..	..	..	..	..	..	..
Total	787	678	737 ^r	705	12 341	12 843	13 014	13 291	0.06	0.05	0.06	0.05

Sources: Labour Canada; Statistics Canada.

.. Not available; P Preliminary; r Revised.

¹ Includes fatalities resulting from occupational chest illnesses such as silicosis, lung cancer etc. ² Includes trapping and hunting. ³ Includes quarrying and oil wells. ⁴ Includes storage, communication, electric power and water utilities, and highway maintenance. ⁵ Includes insurance and real estate. ⁶ Includes community, business and personal services. ⁷ Includes defence.

TABLE 44. CANADA, NUMBER OF STRIKES AND LOCKOUTS BY INDUSTRY, 1993-95

	1993			1994			1995 ^p		
	Strikes and Lockouts	Workers Involved	Duration in Person-Days	Strikes and Lockouts	Workers Involved	Duration in Person-Days	Strikes and Lockouts	Workers Involved	Duration in Person-Days
Agriculture	2	90	500	–	–	–	3	161	1 774
Forestry	3	42	1 390	2	515	2 310	1	15	3 840
Fishing and trapping	–	–	–	–	–	–	–	–	–
Mining	5	1 079 ^r	114 730 ^r	6	1 053	71 590	5	306	24 360
Manufacturing	131	12 390 ^r	467 630 ^r	171	26 189	596 890	125	27 582	716 250
Construction	7	15 701	78 890	8	1 748	18 370	15	25 853	202 160
Transportation and utilities	26 ^r	3 456 ^r	92 670 ^r	37	16 695	294 370	35	36 313	283 170
Trade	62	9 741	232 870	48	9 845	217 180	56	2 319	73 058
Finance, insurance and real estate	18	942 ^r	36 270 ^r	8	652	5 950	5	82	3 300
Service	106	52 170 ^r	404 040 ^r	78	17 793	301 460	62	43 458	229 427
Public administration	21 ^r	6 173 ^r	87 650 ^r	17	6 371	98 820	18	4 148	46 990
Various industries	–	–	–	–	–	–	1	23 000	23 000
Total, all industries	381	101 784^r	1 516 640^r	375	80 861	1 606 940	325	140 237	1 584 329

Source: Labour Canada.
– Nil; ^p Preliminary; ^r Revised.

TABLE 45. CANADA, NUMBER OF STRIKES AND LOCKOUTS BY MINING AND MINERAL MANUFACTURING INDUSTRIES, 1993-95

	1993			1994			1995 ^p		
	Strikes and Lockouts	Workers Involved	Duration in Person-Days	Strikes and Lockouts	Workers Involved	Duration in Person-Days	Strikes and Lockouts	Workers Involved	Duration in Person-Days
MINES	5	1 079	114 730	6	1 053	71 590	5	306	24 360
Metals	2	554	102 890	2	799	62 480	2	222	14 130
Mineral fuels	3	525	11 840	1	170	260	–	–	–
Nonmetals	–	–	–	1	23	5 780	1	23	5 790
Quarries	–	–	–	2	61	3 070	2	61	4 440
MINERAL MANUFACTURING	16	968 ^r	48 810 ^r	19	2 450	107 540	15	7 140	132 120
Primary metals	5	370	10 580	3	700	5 660	10	6 504	52 650
Nonmetallic mineral products	9	480 ^r	36 350 ^r	14	1 441	56 900	3	327	15 190
Petroleum and coal products	2	118	1 880	2	309	44 980	2	309	64 280

Source: Labour Canada.
– Nil; ^p Preliminary; ^r Revised.

TABLE 46. CANADA, MINING WAGES AND SALARIES BY PROVINCE AND BY MINERAL CLASS, 1992 AND 1993

	1992					1993				
	Metals	Nonmetals	Mineral Fuels	Quarries and Sand Pits	Total	Metals	Nonmetals	Mineral Fuels	Quarries and Sand Pits	Total
	(\$000)									
Newfoundland	156 928	4 591	—	1 579	163 098	155 187	3 837	—	1 509	160 533
Prince Edward Island	—	—	—	—	—	—	—	—	—	—
Nova Scotia	x	x	84 412	3 386	114 803	617	29 248	83 353	4 419	117 637
New Brunswick	72 964	x	5 722	x	133 262	x	x	5 592	x	127 271
Quebec	452 414	130 368	—	54 085	636 867	404 405	127 818	—	52 381	584 605
Ontario	794 571	55 608	11 077	74 541	935 797	711 311	62 444	12 084	70 822	856 661
Manitoba	x	x	2 884	3 198	194 496	x	x	2 944	x	171 222
Saskatchewan	x	147 224	81 996	x	272 356	x	146 280	107 962	x	298 809
Alberta	x	x	1 855 309	6 345	1 874 106	x	x	1 688 603	7 475	1 708 042
British Columbia	290 965	4 249	203 650	16 625	515 489	254 185	3 320	201 529	17 500	476 534
Yukon and Northwest Territories	123 858	—	8 527	—	132 385	110 194	—	10 695	—	120 889
Offshore	—	—	9 906	—	9 906	—	—	13 237	—	13 237
Total	2 119 328	435 531	2 263 483	164 222	4 982 564	1 906 825	441 215	2 126 000	161 401	4 635 441
Services incidental to mineral extraction ¹					1 050 941					1 223 904
Grand total					6 033 505					5 859 345

Sources: Natural Resources Canada; Statistics Canada.

— Nil; x Confidential.

¹ Includes establishments primarily engaged in providing contract drilling and other services to petroleum and natural gas industries.

TABLE 47. CANADA, SOURCE OF ORES HOISTED OR REMOVED FROM SELECTED TYPES OF MINES, 1991-93

Mines	1991			1992			1993		
	Underground	Open-Pit	Total	Underground	Open-Pit	Total	Underground	Open-Pit	Total
(000 tonnes)									
METALS									
Gold	18 450.6	4 400.1	22 850.7	17 746.5	3 095.4	20 841.9	17 292.9	1 992.5	19 285.4
Silver-lead-zinc	12 345.9	226.3	12 572.2	13 288.0	18.0	13 306.0	7 066.6	934.0	8 000.6
Uranium	1 852.8	454.7	2 307.5	1 345.1	217.1	1 562.1	1 194.9	468.4	1 663.3
Iron	977.2	97 202.2	98 179.4	671.6	80 852.3	81 524.0	811.9	77 929.4	78 741.3
Nickel-copper-zinc	27 533.6	91 020.0	118 553.6	26 980.0	90 621.4	117 601.4	26 297.0	89 980.3	116 277.3
Miscellaneous metals	1 007.7	15 882.4	16 890.1	973.3	12 351.0	13 324.3	895.1	11 601.3	12 496.4
Total metals	62 167.8	209 185.7	271 353.5	61 004.5	187 155.2	248 159.7	53 558.3	182 906.0	236 464.3
NONMETALS									
Asbestos	2 328.4	11 369.5	13 697.9	1 637.0	12 200.2	13 837.2	1 136.5	11 003.2	12 139.7
Gypsum	736.9	6 465.9	7 202.8	938.0	7 018.7	7 956.7	828.3	7 643.3	8 471.6
Potash	32 577.8	—	32 577.8	32 152.0	—	32 152.0	30 811.1	—	30 811.1
Rock salt	11 034.8	—	11 034.8	9 966.2	—	9 966.2	10 349.8	—	10 349.8
Miscellaneous nonmetals	260.1	1 749.5	2 009.6	271.9	2 191.9	2 463.8	261.2	2 109.4	2 370.6
Total nonmetals	46 938.0	19 585.0	66 523.0	44 965.1	21 410.8	66 375.9	43 386.8	20 756.0	64 142.8
MINERAL FUELS									
Coal	5 558.8	84 731.8	90 290.6	5 387.9	76 026.7	81 414.6	5 691.6	48 409.6	54 101.1
Total metals, nonmetals and mineral fuels	114 664.6	313 502.5	428 167.1	111 357.6	284 592.6	395 950.2	102 636.8	252 071.5	354 708.3
Percentage	28.9	73.2	100.0	28.3	71.9	100.0	28.9	71.1	100.0

Sources: Natural Resources Canada; Statistics Canada.

— Nil.

Note: Numbers may not add to totals due to rounding.

TABLE 48. CANADA, SOURCE OF MATERIAL HOISTED OR REMOVED FROM SELECTED TYPES OF MINES, 1993

	Underground		Open-Pit			Tailings
	Ore	Waste	Ore	Waste	Over-burden	
(000 tonnes)						
METALS						
Gold	17 293	3 688	1 993	20 416	–	19 829
Silver-lead-zinc	7 067	257	934	–	–	6 589
Uranium	1 195	308	468	7 167	–	1 721
Iron	812	1	77 929	31 485	6 976	44 956
Nickel-copper-zinc	26 297	3 940	89 980	86 507	2 665	104 527
Miscellaneous metals	895	10	11 601	9 703	–	10 762
Total metals	53 558	8 205	182 906	155 278	9 641	188 383
NONMETALS						
Asbestos	1 137	–	11 003	27 365	6 567	6 696
Gypsum	828	69	7 643	2 585	3 338	766
Potash	30 811	15	–	–	–	19 624
Rock salt	10 350	356	–	–	–	1 258
Miscellaneous nonmetals	261	21	2 109	1 532	95	633
Total nonmetals	43 387	461	20 756	31 481	10 001	28 977
MINERAL FUELS						
Coal	5 692	..	48 410	..	..	..
Total metals, nonmetals and mineral fuels	102 637	8 666	252 072	186 760	19 642	217 359

Sources: Natural Resources Canada; Statistics Canada.

– Nil; .. Not available.

Note: Numbers may not add to totals due to rounding.

TABLE 49. CANADA, ORE MINED AND ROCK QUARRIED IN THE MINING INDUSTRY, 1988-93

	1988	1989	1990	1991	1992	1993
	(000 tonnes)					
METALS						
Gold	18 746	20 335	22 802	22 851	20 842	19 285
Silver-lead-zinc	12 758	12 785	11 677	12 572	13 306	8 001
Uranium	6 337	6 404	5 888	2 308	1 562	1 663
Iron	102 392	99 962	92 146	98 179	81 524	78 741
Nickel-copper-zinc	127 119	126 169	129 701	118 554	117 601	116 277
Miscellaneous metals	14 747	18 135	18 359	16 890	13 324	12 496
Total metals	282 098	283 791	280 573	271 353	248 160	236 464
NONMETALS						
Asbestos	15 373	17 147	14 484	13 698	13 837	12 140
Gypsum	9 204	9 499	9 031	7 203	7 957	8 472
Potash	38 965	34 494	31 760	32 578	32 152	30 811
Rock salt	9 982 ^r	10 926 ^r	11 226	11 035	9 966	10 350
Miscellaneous nonmetals	1 737	1 985	2 184	2 010	2 464	2 371
Total nonmetals	75 261 ^r	74 051 ^r	68 684	66 523	66 376	64 143
STRUCTURAL MATERIALS						
Stone, all kinds quarried ¹	120 126	119 335	111 355	87 807	89 338	89 370
Stone used to make cement	12 539	13 899	12 991	9 719	10 360	11 472
Stone used to make lime	2 346	2 162	2 367	2 354	3 142	2 893
Total structural materials	135 010	135 395	126 713	99 879	102 840	103 736
MINERAL FUELS						
Coal	89 256	87 683	89 462	90 290	81 415	54 101
Total ore mined and rock quarried	581 625 ^r	580 920 ^r	565 433	528 046	498 790	458 444

Sources: Natural Resources Canada; Statistics Canada.

^r Revised.¹ Excludes stone used to manufacture cement and lime in Canada.

Note: Numbers may not add to totals due to rounding.

TABLE 50. CANADA, EXPLORATION AND DEVELOPMENT EXPENDITURES BY MINING COMPANIES¹ BY PROVINCE AND TERRITORY, 1993-96

		On-Property Exploration	On-Property Development	Structures	Total Construction
Newfoundland	1993	...	x	x	x
	1994	...	44.1	...	44.1
	1995 ^P	x	x	1.4	x
	1996 ⁱ	x	50.2	x	51.8
Prince Edward Island	1993	..	..	..	..
	1994	..	..	..	..
	1995 ^P	..	..	..	..
	1996 ⁱ	..	..	..	..
Nova Scotia	1993	0.1	7.1	x	x
	1994	x	x	9.9	18.7
	1995 ^P	...	11.9	14.3	26.2
	1996 ⁱ	...	14.4	14.8	29.2
New Brunswick	1993	x	x	x	x
	1994	x	x	x	x
	1995 ^P	x	37.2	x	49.7
	1996 ⁱ	x	x	23.2	48.7
Quebec	1993	19.9	205.0	78.9	303.8
	1994	16.6	279.8	106.9	403.3
	1995 ^P	24.9	284.4	103.0	412.3
	1996 ⁱ	22.8	375.3	92.8	490.8
Ontario	1993	18.2	228.7	31.6	278.5
	1994	x	219.5	x	367.1
	1995 ^P	23.2	252.5	187.0	462.7
	1996 ⁱ	20.2	213.8	106.7	340.8
Manitoba	1993	x	63.0	x	70.6
	1994	x	x	...	85.0
	1995 ^P	10.5	142.0	...	152.5
	1996 ⁱ	x	x	x	x
Saskatchewan	1993	x	101.9	x	186.9
	1994	x	50.7	x	114.2
	1995 ^P	1.0	72.0	21.4	94.3
	1996 ⁱ	x	58.9	x	98.7
Alberta	1993	3.1	11.8	1.5	16.4
	1994	x	x	3.7	15.3
	1995 ^P	x	32.2	x	34.4
	1996 ⁱ	x	33.2	x	45.8
British Columbia	1993	4.6	89.8	18.8	113.2
	1994	4.1	83.1	49.2	136.3
	1995 ^P	3.7	130.0	44.9	178.6
	1996 ⁱ	10.5	61.4	114.7	186.6
Yukon	1993	...	...	...	...
	1994	...	...	...	...
	1995 ^P	...	x	x	x
	1996 ⁱ	x	...	x	x
Northwest Territories	1993	x	x	12.5	x
	1994	1.3	33.6	x	x
	1995 ^P	x	26.4	x	34.5
	1996 ⁱ	x	19.4	x	53.0
Canada	1993	81.1	775.8	222.7	1 079.7
	1994	80.2	806.3	369.4	1 255.9
	1995 ^P	68.5	1 067.9	389.9	1 526.3
	1996 ⁱ	107.9	972.0	394.4	1 474.3

Source: Statistics Canada.

.. Not applicable or not appropriate; ... Amount too small to be expressed; i Intentions; P Preliminary actual; x Confidential, included in total.

¹ Excludes crude petroleum and natural gas industries, and quarry and sand pit industries.

Notes: Numbers may not add to totals due to rounding. Capital and repair expenditures in this table are based on the 1980 Standard Industrial Classification. Refer also to Table 67.

**TABLE 51. CANADA, EXPLORATION, DEVELOPMENT, CAPITAL AND REPAIR EXPENDITURES IN THE MINING INDUSTRY¹
BY TYPE OF MINING, 1993-96**

		Capital						Repair			Total Capital and Repair
		Construction				Machinery and Equipment	Total Capital	Construc- tion	Machinery and Equipment	Total Repair	
		On- Property Explora- tion	On- Property Develop- ment	Structures	Sub- total						
(\$ millions)											
METAL MINES											
Gold	1993	22.3	177.1	42.7	242.1	56.7	298.8	30.4	214.1	244.5	543.3
	1994	33.6	280.2	207.3	521.0	131.9	652.8	34.1	219.1	253.3	906.1
	1995 ^p	30.1	333.7	202.4	566.3	131.2	697.4	..	..	..	..
	1996 ⁱ	52.1	195.3	154.0	401.3	145.3	546.6	..	..	..	..
Copper and copper-zinc	1993	x	113.8	x	178.1	87.0	265.2	22.1	223.6	245.8	510.9
	1994	14.1	129.0	35.4	178.5	64.0	242.5	24.1	165.5	189.6	432.1
	1995 ^p	14.1	202.6	35.6	252.3	106.8	359.1	..	..	..	..
	1996 ⁱ	12.2	194.1	32.4	238.7	177.6	416.3	..	..	..	..
Nickel-copper	1993	x	x	x	x	x	x	x	x	x	x
	1994	x	x	x	x	x	x	x	x	x	x
	1995 ^p	x	x	x	226.7	198.0	424.7	..	..	..	..
	1996 ⁱ	x	x	x	x	x	550.1	..	..	..	..
Silver-lead- zinc	1993	x	32.7	x	47.0	13.2	60.2	9.1	84.7	93.8	154.1
	1994	7.3	52.0	12.9	72.2	18.0	90.2	x	x	64.3	154.5
	1995 ^p	4.3	91.0	17.7	113.0	40.9	153.9	..	..	..	..
	1996 ⁱ	4.6	39.2	20.2	63.9	26.5	90.4	..	..	..	..
Uranium	1993	x	x	x	x	x	x	x	x	x	x
	1994	x	x	x	x	x	x	x	x	x	x
	1995 ^p	...	x	x	x	x	146.2	..	..	..	..
	1996 ⁱ	...	x	x	x	x	167.9	..	..	..	..
Iron	1993	x	x	x	x	x	84.4	x	x	203.4	287.8
	1994	...	x	x	97.7	26.4	124.1	15.9	201.8	217.7	341.8
	1995 ^p	...	x	x	x	x	180.8	..	..	..	..
	1996 ⁱ	...	x	x	x	x	222.8	..	..	..	..
Other metal mines	1993	x	8.5	x	x	x	x	x	x	x	36.3
	1994	x	10.3	x	19.8	12.4	32.3	x	x	20.6	52.9
	1995 ^p	x	12.6	x	24.0	x	x	..	..	..	..
	1996 ⁱ	x	10.5	x	21.0	x	x	..	..	..	..
Total metal mines	1993	67.6	610.5	177.7	855.8	244.3	1 100.1	111.6	939.6	1 051.2	2 151.3
	1994	75.1	664.3	312.0	1 051.4	328.6	1 380.0	134.0	860.9	994.9	2 374.9
	1995 ^p	60.4	953.1	351.8	1 365.5	642.5	2 008.0	..	..	..	..
	1996 ⁱ	81.8	864.4	334.0	1 280.3	791.6	2 071.8	..	..	..	..
NONMETAL MINES											
Asbestos	1993	x	x	...	x	x	x	x	x	x	x
	1994	x	x	...	x	x	x	x	x	x	x
	1995 ^p	x	x	x	x	x	x	..	..	..	..
	1996 ⁱ	x	x	x	x	x	x	..	..	..	..

TABLE 51 (cont'd)

		Capital					Repair			Total Capital and Repair	
		Construction			Machinery and Equipment	Total Capital	Construc- tion	Machinery and Equipment	Total Repair		
		On- Property Explora- tion	On- Property Develop- ment	Structures						Sub- total	
(\$ millions)											
NONMETAL MINES (cont'd)											
Peat	1993	...	...	...	...	4.2	4.2	x	x	3.0	7.2
	1994	...	...	x	x	11.6	13.7	x	x	4.9	18.6
	1995 ^P	...	...	1.6	1.6	10.1	11.7	..	..	..	..
	1996 ⁱ	...	...	1.5	1.5	6.4	7.9	..	..	..	..
Gypsum	1993	...	5.1	0.1	5.2	7.0	12.2	0.2	12.9	13.1	25.3
	1994	...	4.3	0.8	5.1	8.3	13.4	...	14.7	14.7	28.1
	1995 ^P	...	4.1	3.9	8.0	12.8	20.8	..	..	..	..
	1996 ⁱ	...	4.4	7.9	12.3	22.3	38.5	..	..	..	..
Potash	1993	3.0	43.9	3.5	50.4	39.8	90.2	8.8	118.9	127.7	217.9
	1994	x	x	11.4	41.9	42.0	83.9	8.4	110.5	119.0	202.9
	1995 ^P	x	x	5.5	30.8	41.2	72.0	..	..	..	..
	1996 ⁱ	x	x	8.6	54.7	59.0	113.7	..	..	..	..
Salt	1993	...	x	x	x	x	x	x	x	x	x
	1994	x	x	x	x	x	x	x	x	x	x
	1995 ^P	...	x	x	x	x	x	..	..	..	..
	1996 ⁱ	x	x	x	x	x	x	..	..	..	..
Other nonmetal mines	1993	x	x	x	3.7	6.6	10.3	1.8	12.0	13.9	24.2
	1994	x	2.1	x	3.3	3.8	7.1	0.3	13.6	13.9	21.0
	1995 ^P	x	2.3	x	3.3	8.4	11.7	..	..	..	..
	1996 ⁱ	x	1.9	x	4.2	11.4	15.5	..	..	..	..
Total nonmetal mines	1993	6.3	125.9	6.6	138.8	78.6	217.4	16.5	223.6	240.0	457.5
	1994	2.4	104.8	17.7	124.8	78.2	203.0	14.7	215.2	229.8	432.9
	1995 ^P	3.9	72.8	14.4	91.1	85.1	176.2	..	..	..	..
	1996 ⁱ	21.2	59.7	23.2	104.1	112.7	216.8	..	..	..	..
Coal mines	1993	7.2	39.4	38.4	85.0	179.4	264.4	16.4	315.8	332.2	596.6
	1994	2.7	37.2	39.8	79.7	138.9	218.5	18.7	323.2	341.9	560.5
	1995 ^P	4.1	41.9	23.7	69.7	260.2	329.9	..	..	..	..
	1996 ⁱ	4.9	47.9	37.2	90.0	313.2	403.2	..	..	..	..
Total mines	1993	81.1	775.8	222.7	1 079.7	502.3	1 582.0	144.5	1 479.0	1 623.5	3 205.5
	1994	80.2	806.3	369.4	1 255.9	545.6	1 801.5	167.4	1 399.3	1 566.7	3 368.2
	1995 ^P	68.5	1 067.9	389.9	1 526.3	987.8	2 514.1	..	..	..	..
	1996 ⁱ	107.9	972.0	394.4	1 474.3	1 217.5	2 691.8	..	..	..	..

Source: Statistics Canada.

.. Not available; ... Amount too small to be expressed; i Intentions; P Preliminary actual; x Confidential, included in total.

1 Excludes expenditures in the quarry and sand pits and the petroleum and natural gas industries.

Notes: Numbers may not add to totals due to rounding. Capital and repair expenditures are based on the 1980 Standard Industrial Classification. Refer also to Tables 68 and 69.

TABLE 52. CANADA, DIAMOND DRILLING IN THE MINING INDUSTRY BY MINING COMPANIES WITH OWN EQUIPMENT, AND BY DRILLING CONTRACTORS, 1991-93

		1991			1992			1993		
		Exploration	Other	Total	Exploration	Other	Total	Exploration	Other	Total
		(metres)								
METAL MINES										
Gold	Own equipment	34 171	6 965	41 136	33 995	3 392	37 387	37 081	19 403	56 484
	Contractors	644 021	4 283	648 304	574 773	12 902	587 675	567 237	—	567 237
	Total	678 192	11 248	689 440	608 768	16 294	625 062	604 318	19 403	623 721
Nickel-copper-zinc	Own equipment	141 716	—	141 716	127 314	39 876	167 190	65 258	175 694	240 952
	Contractors	175 930	—	175 930	127 099	—	127 099	71 294	—	71 294
	Total	317 646	—	317 646	254 413	39 876	294 289	136 552	175 694	312 246
Iron	Own equipment	30 764	94 450	125 214	—	90 555	90 555	—	100 225	100 225
	Contractors	11 630	—	11 630	15 988	—	15 988	45 753	—	45 753
	Total	42 394	94 450	136 844	15 988	90 555	106 543	45 753	100 225	145 978
Silver-lead-zinc	Own equipment	14 894	—	14 894	2 921	28 233	31 154	6 629	28 499	35 128
	Contractors	11 296	—	11 296	8 388	—	8 388	123	—	123
	Total	26 190	—	26 190	11 309	28 233	39 542	6 752	28 499	35 251
Uranium	Own equipment	236	—	236	—	—	—	—	—	—
	Contractors	22 151	—	22 151	35 524	—	35 524	17 376	—	17 376
	Total	22 387	—	22 387	35 524	—	35 524	17 376	—	17 376
Miscellaneous metal mining	Own equipment	—	—	—	—	—	—	—	—	—
	Contractors	15 311	—	15 311	13 950	—	13 950	17 131	—	17 131
	Total	15 311	—	15 311	13 950	—	13 950	17 131	—	17 131
Total metal mining	Own equipment	221 781	101 415	323 196	164 230	162 056	326 286	108 968	323 821	432 789
	Contractors	880 339	4 283	884 622	775 722	12 902	788 624	718 914	—	718 914
	Total	1 102 120	105 698	1 207 818	939 952	174 958	1 114 910	827 882	323 821	1 151 703
NONMETAL MINES										
Gypsum	Own equipment	—	—	—	—	—	—	2 619	—	2 619
	Contractors	1 766	—	1 766	6 068	—	6 068	10 117	—	10 117
	Total	1 766	—	1 766	6 068	—	6 068	12 736	—	12 736
Other nonmetal mines	Own equipment	—	—	—	—	—	—	—	—	—
	Contractors	1 000	—	1 000	970	—	970	497	—	497
	Total	1 000	—	1 000	970	—	970	497	—	497
Asbestos	Own equipment	—	—	—	—	—	—	—	—	—
	Contractors	7 115	—	7 115	8 292	—	8 292	9 371	—	9 371
	Total	7 115	—	7 115	8 292	—	8 292	9 371	—	9 371
Potash	Own equipment	14 231	—	14 231	10 564	—	10 564	12 564	—	12 564
	Contractors	7 397	—	7 397	7 017	—	7 017	6 715	—	6 715
	Total	21 628	—	21 628	17 581	—	17 581	19 279	—	19 279
Total nonmetal mining	Own equipment	14 231	—	14 231	10 564	—	10 564	15 183	—	15 183
	Contractors	17 278	—	17 278	22 347	—	22 347	26 700	—	26 700
	Total	31 509	—	31 509	32 911	—	32 911	41 883	—	41 883
Total mining industry	Own equipment	236 012	101 415	337 427	174 794	162 056	336 850	124 151	323 821	447 972
	Contractors	897 617	4 283	901 900	798 069	12 902	810 971	745 614	—	745 614
	Total	1 133 629	105 698	1 239 327	972 863	174 958	1 147 821	869 765	323 821	1 193 586

Sources: Natural Resources Canada; Statistics Canada, catalogue nos. 26-223 and 26-224.

— Nil.

Note: Numbers may not add to totals due to rounding.

**TABLE 53. CANADA, ORE MINED AND ROCK QUARRIED
IN THE MINING INDUSTRY, 1960-93**

	Metals	Industrial ¹	Coal	Total
(million tonnes)				
1960	92.1	88.7	..	180.8
1961	90.1	96.7	..	186.8
1962	103.6	103.8	..	207.4
1963	112.7	120.4	..	233.1
1964	128.0	134.1	..	262.1
1965	151.0	146.5	..	297.5
1966	147.6	171.8	..	319.4
1967	169.1	177.5	..	346.6
1968	186.9	172.7	..	359.6
1969	172.0	178.8	..	350.8
1970	213.0	179.1	..	392.1
1971	211.5	185.8	..	397.3
1972	206.0	189.7	..	395.7
1973	274.9	162.6	..	437.4
1974	278.7	178.8	..	457.5
1975	264.2	158.7	..	422.9
1976	296.5	167.1	..	463.6
1977	299.5	205.2	33.8	538.5
1978	248.1	205.5	36.3	489.9
1979	274.8	200.1	39.8	514.6
1980	290.1	193.5	43.9	527.5
1981	301.5	172.5	48.2	522.2
1982	238.4	121.2	53.0	412.5
1983	219.0	137.0	54.8	410.8
1984	246.4	167.8	71.2	485.4
1985	245.0	171.9	76.7	493.6
1986	256.3	179.1	72.7	508.2
1987	266.2	197.5	77.5	541.1
1988	282.1	210.3 ^r	89.3	581.6 ^r
1989	283.8	209.4 ^r	87.7	580.9 ^r
1990	280.6	195.4	89.5	565.4
1991	271.4	166.4	90.3	528.0
1992	248.2	169.2	81.4	498.8
1993	236.5	167.9	54.1	458.4

Sources: Natural Resources Canada; Statistics Canada.

.. Not available; ^r Revised.

¹ Includes nonmetallic mineral mining and all stone quarried, including stone used to make cement and lime. From 1979 onwards, coverage includes miscellaneous nonmetal mines previously excluded.

Note: Numbers may not add to totals due to rounding.

TABLE 54. CANADA, TOTAL DIAMOND DRILLING, METAL DEPOSITS, 1960-93

	Gold Deposits	Copper-Zinc and Nickel-Copper Deposits	Silver-Lead-Zinc Deposits	Other Metal-Bearing Deposits ¹	Total Metal Deposits
			(metres)		
1960	628 016	1 267 792	226 027	315 067	2 436 902
1961	595 180	1 128 091	255 101	221 079	2 199 451
1962	902 288	1 025 048	350 180	358 679	2 636 195
1963	529 958	977 257	288 204	148 703	1 944 122
1964	458 933	709 588	401 099	104 738	1 674 358
1965	440 020	779 536	331 294	275 917	1 826 767
1966	442 447	729 148	292 223	164 253	1 628 071
1967	391 347	947 955	230 182	120 350	1 689 834
1968	375 263	935 716	198 038	56 780	1 565 797
1969	274 410	923 452	197 670	109 592	1 505 124
1970	214 717	1 132 915	375 019	99 373	1 822 024
1971	193 291	1 089 103	308 798	83 851	1 675 043
1972	229 771	967 640	240 195	50 225	1 487 831
1973	243 708	713 134	185 946	57 730	1 200 518
1974	250 248	798 564	197 322	83 484	1 329 618
1975	216 158	532 991	184 203	97 971	1 031 323
1976	156 030	507 620	166 366	97 735	927 751
1977	175 643	515 780	213 279	124 329	1 029 031
1978	209 335	346 722	490 489	135 197	1 181 743
1979	198 955	437 562	131 032	150 018	917 567
1980	187 635	566 610	259 877	173 945	1 188 067
1981	306 197	675 712	478 754	170 369	1 631 032
1982	288 421	386 940	424 218	164 742	1 264 321
1983	352 218	512 745	269 659	97 661	1 232 283
1984	406 060	830 536	273 238	281 661	1 791 495
1985	429 565	475 582	152 692	286 764	1 344 603
1986	774 896	434 325	163 756	278 642	1 651 619
1987	650 688	503 509	125 291	359 011	1 638 499
1988	736 370	370 282	133 138	433 464	1 673 254
1989	964 922	551 506	99 153	506 362	2 121 943
1990	946 863	470 829	35 817	211 186	1 664 695
1991	689 440	317 646	26 190	174 542	1 207 818
1992	625 062	294 289	39 542	156 017	1 114 910
1993	623 721	312 246	35 251	180 485	1 151 703

Sources: Natural Resources Canada; Statistics Canada, catalogue no. 26-223.

¹ Includes iron, titanium, uranium, molybdenum and other metal deposits.

TABLE 55. CANADA, EXPLORATION DIAMOND DRILLING, METAL DEPOSITS, 1960-93

	Mining Companies with Own Personnel and Equipment	Diamond Drilling Contractors	Total
	(metres)		
1960	268 381	1 409 416	1 677 797
1961	302 696	1 337 173	1 639 869
1962	167 214	1 748 023	1 915 237
1963	361 180	1 169 292	1 530 472
1964	143 013	1 072 985	1 215 998
1965	209 002	1 176 996	1 385 998
1966	163 379	1 044 860	1 208 239
1967	93 164	1 123 137	1 216 301
1968	159 341	990 690	1 150 031
1969	135 311	1 072 328	1 207 639
1970	62 147	1 228 061	1 290 208
1971	86 838	1 053 330	1 140 168
1972	251 651	839 753	1 091 404
1973	321 333	742 899	1 064 232
1974	357 823	892 557	1 250 380
1975	346 770	618 161	964 931
1976	335 919	532 036	867 955
1977	327 241	638 327	965 568
1978	237 250	534 557	771 807
1979	311 221	571 721	882 942
1980	347 829	747 566	1 095 395
1981	460 687	917 566	1 378 253
1982	289 901	713 413	1 003 314
1983	324 383	707 343	1 031 726
1984	357 680	936 459	1 294 139
1985	382 490	725 310	1 107 800
1986	347 154	915 809	1 262 963
1987	290 510	1 022 446	1 312 956
1988	272 116	1 003 074	1 275 190
1989	402 765	1 182 148	1 584 913
1990	244 130	1 100 292	1 344 422
1991	221 781	880 339	1 102 120
1992	164 230	775 722	939 952
1993	108 968	718 914	827 882

Sources: Natural Resources Canada; Statistics Canada, catalogue no. 26-223.

TABLE 56. CANADA, DIAMOND DRILLING, OTHER THAN FOR EXPLORATION, METAL DEPOSITS, 1960-93

	Mining Companies with Own Personnel and Equipment	Diamond Drilling Contractors	Total
		(metres)	
1960	450 246	308 860	759 106
1961	384 432	175 149	559 581
1962	528 700	192 259	720 959
1963	388 228	25 422	413 650
1964	385 765	72 594	458 359
1965	393 947	46 822	440 769
1966	227 968	191 863	419 831
1967	186 463	287 071	473 534
1968	122 851	292 914	415 765
1969	87 552	209 933	297 485
1970	290 363	241 453	531 816
1971	295 966	238 910	534 876
1972	304 523	91 903	396 426
1973	77 162	59 124	136 286
1974	54 353	24 885	79 238
1975	31 917	34 475	66 392
1976	31 413	28 383	59 796
1977	24 303	39 160	63 463
1978	351 344	58 592	409 936
1979	4 090	30 535	34 625
1980	20 545	72 127	92 672
1981	200 898	51 881	252 779
1982	188 674	72 333	261 007
1983	81 138	119 419	200 557
1984	492 939	4 417	497 356
1985	230 501	6 302	236 803
1986	378 823	9 833	388 656
1987	325 543	–	325 543
1988	389 064	9 000	398 064
1989	413 700	123 330	537 030
1990	320 273	–	320 273
1991	101 415	4 283	105 698
1992	162 056	12 902	174 958
1993	323 821	–	323 821

Sources: Natural Resources Canada; Statistics Canada, catalogue no. 26-223.

– Nil.

Note: Non-producing companies excluded since 1964.

TABLE 57. CANADA, CRUDE MINERALS TRANSPORTED BY CANADIAN RAILWAYS, 1992-94

	1992	1993	1994
	(000 tonnes)		
METALLIC MINERALS			
Iron ores and concentrates	34 052	30 263	37 570
Alumina and bauxite	4 721	6 064	5 180
Nickel-copper ores and concentrates	3 007	3 011	2 257
Zinc ores and concentrates	1 251	1 247	1 373
Copper ores and concentrates	1 046	958	935
Lead ores and concentrates	180	184	170
Metallic ores and concentrates, n.e.s.	131	121	167
Nickel ores and concentrates	40	31	—
Total	44 428	41 879	47 652
NONMETALLIC MINERALS			
Potash (KCI)	10 627	10 192	12 717
Gypsum	4 540	4 380	4 555
Sulphur, n.e.s.	3 547	2 789	3 829
Sulphur, liquid	1 907	1 616	1 460
Salt, rock	1 140	1 550	1 687
Limestone, n.e.s.	1 005	1 158	1 145
Phosphate rock	996	967	753
Sodium carbonate	474	451	424
Nepheline syenite	331	324	328
Sodium sulphate	275	287	257
Limestone, industrial	250	269	147
Sand, industrial	189	173	184
Clay	94	89	85
Nonmetallic minerals, n.e.s.	69	100	104
Salt, n.e.s.	66	101	114
Limestone, agricultural	22	70	83
Stone, n.e.s.	20	151	91
Abrasives, natural	13	8	10
Barite	7	8	6
Silica	2	2	2
Asbestos	1	...	10
Sand, n.e.s.	1	3	...
Peat and other mosses	1	2	3
Total	25 577	24 690	27 994
MINERAL FUELS			
Coal, bituminous	31 368	33 199	35 731
Coal, lignite	1 391	1 000	1 133
Natural gas and other crude bituminous substances	31	49	58
Oil, crude	9	22	8
Coal, n.e.s.	—	—	—
Total	32 799	34 271	36 930
Total crude minerals	102 804	100 839	112 575
Total revenue freight ¹ moved by Canadian railways	226 166	224 007	253 623
Crude minerals as a percentage of total revenue freight	45.5	45.0	44.4

Source: Statistics Canada.

— Nil; . . . Amount too small to be expressed; n.e.s. Not elsewhere specified.

¹ Revenue freight refers to a local or interline shipment from which earnings accrue to a carrier.

Note: Numbers may not add to totals due to rounding.

TABLE 58. CANADA, FABRICATED MINERAL PRODUCTS TRANSPORTED BY CANADIAN RAILWAYS, 1992-94

	1992	1993	1994
	(000 tonnes)		
METALLIC MINERAL PRODUCTS			
Ferrous mineral products			
Iron and steel scrap	1 003	1 331	1 342
Sheets and strips, steel	953	1 353	1 357
Bars and rods, steel	762	818	829
Ingots, blooms, billets, slabs, iron and steel	536	565	553
Pipes and tubes, iron and steel	502	423	515
Structural shapes and sheet piling, iron and steel	202	222	225
Plates, steel	188	264	311
Rails and railway track material	73	59	58
Castings and forgings, iron and steel	48	41	43
Pig iron	34	52	50
Ferroalloys	13	10	14
Other primary iron and steel	4	4	3
Wire, iron or steel	2	1	2
Total ferrous mineral products	4 320	5 143	5 301
Nonferrous mineral products			
Aluminum and aluminum alloy fabricated material, n.e.s.	818	933	1 042
Zinc and alloys	425	498	522
Aluminum paste, powder, pigs, ingots, shot	410	451	450
Copper and alloys, n.e.s.	401	329	381
Other nonferrous base metals and alloys	140	127	124
Lead and alloys	132	117	123
Slag, dross, etc.	67	89	85
Nonferrous metal scrap	41	48	48
Copper matte and precipitates	5	—	1
Total nonferrous mineral products	2 439	2 592	2 777
Total metallic mineral products	6 759	7 735	8 078
NONMETALLIC MINERAL PRODUCTS			
Fertilizers and fertilizer materials, n.e.s.	2 203	2 549	2 670
Sulphuric acid	2 626	3 105	3 010
Portland cement, standard	1 259	1 598	1 919
Lime, hydrated and quick	209	185	179
Cement and concrete basic products, n.e.s.	223	129	93
Nonmetallic mineral basic products, n.e.s.	127	113	116
Natural stone basic products, chiefly structural	150	135	118
Asbestos and asbestos-cement basic products	16	19	16
Gypsum basic products, n.e.s.	31	62	103
Dolomite and magnesite, calcined	28	26	30
Refractories, n.e.s.	3	2	6
Fire brick and similar shapes	2	4	6
Plaster	2	1	2
Glass basic products	1	—	—
Bricks and tiles, clay	1	1	1
Total nonmetallic mineral products	6 881	7 930	8 271
MINERAL FUEL PRODUCTS			
Refined and manufactured gases, fuel type	2 945	2 277	1 643
Fuel oil, n.e.s.	1 249	934	467
Diesel fuel	817	565	578
Gasoline	610	547	610
Other petroleum and coal products	465	436	612
Coke, n.e.s.	390	251	393
Petroleum coke	325	284	253
Lubricating oils and greases	224	240	246
Asphalts and road oils	216	230	297
Total mineral fuel products	7 241	5 765	5 098
Total fabricated mineral products	20 881	21 430	21 447
Total revenue freight ¹ moved by Canadian railways	226 166	224 007	253 623
Fabricated mineral products as a percentage of total revenue freight	9.2	9.6	8.5

Source: Statistics Canada.

— Nil; n.e.s. Not elsewhere specified.

¹ Revenue freight refers to a local or interline shipment from which earnings accrue to a carrier.

Note: Numbers may not add to totals due to rounding.

TABLE 59. CANADA, CRUDE MINERALS AND FABRICATED MINERAL PRODUCTS TRANSPORTED BY CANADIAN RAILWAYS, 1960-94

	Total Revenue Freight ¹	Total Crude Minerals	Total Fabricated Mineral Products	Total Crude and Fabricated Minerals	Crude and Fabricated Minerals as Percent of Revenue Freight
	(million tonnes)				(%)
1960	142.8	57.1	14.5	71.6	50.1
1961	138.9	54.1	13.6	67.7	48.7
1962	146.0	60.3	13.8	74.1	50.8
1963	154.6	62.9	15.5	78.4	50.6
1964	180.0	74.6	15.9	90.5	50.3
1965	186.2	80.9	17.3	98.2	52.7
1966	194.5	80.6	17.8	94.8	50.6
1967	190.0	81.2	17.7	98.9	52.1
1968	195.4	86.7	18.8	105.5	54.0
1969	189.0	81.9	27.6	109.5	57.9
1970	211.6	97.5	28.4	125.9	59.5
1971	214.5	95.6	27.4	123.0	57.3
1972	215.8	89.4	27.6	117.0	54.2
1973	241.2	113.1	29.1	142.2	59.0
1974	246.3	115.3	30.9	146.2	59.4
1975	226.0	110.6	26.6	137.2	60.7
1976	238.5	116.6	25.5	142.1	59.6
1977	247.2	121.1	25.7	146.8	59.4
1978	238.8	107.7	26.2	133.9	56.1
1979	257.9	127.2	26.6	153.8	59.6
1980	254.4	124.8	24.6	149.4	58.7
1981	246.6	120.7	26.4	147.1	59.7
1982	212.5	95.7	21.0	116.7	54.9
1983	222.8	95.3	22.7	118.0	53.0
1984	254.6	121.1	25.1	146.2	57.4
1985	250.6	125.2	24.3	149.5	59.7
1986	249.8	121.2	23.0	144.2	57.7
1987	261.4	122.2	22.7	144.9	55.4
1988	269.4	134.9	23.2	158.1	58.7
1989	247.0	122.3	23.1	145.4	58.9
1990	226.3	112.1	20.1	132.2	58.4
1991	233.3	114.4	19.1	133.5	57.2
1992	226.2	102.8	20.9	123.7	54.7
1993	224.0	100.8	21.4	122.3	54.6
1994	253.6	112.6	21.4	134.0	52.8

Source: Statistics Canada.

¹ Revenue freight refers to a local or interline shipment from which earnings accrue to a carrier.

TABLE 60. CANADA, CRUDE MINERALS LOADED AND UNLOADED IN COASTWISE SHIPPING, 1994

	Loaded					Unloaded				
	Atlantic	St. Lawrence	Great Lakes	Pacific	Total	Atlantic	St. Lawrence	Great Lakes	Pacific	Total
	(tonnes)									
METALLIC MINERALS										
Iron ore and concentrates	–	6 662 632	–	–	6 662 632	–	981 604	5 681 028	–	6 662 632
Aluminum ores and concentrates	–	27 044	–	–	27 044	–	–	27 044	–	27 044
Lead and zinc ores and concentrates	6 000	–	–	–	6 000	6 000	–	–	–	6 000
Other ores and concentrates	–	1 984 342	215 573	–	2 199 915	–	1 975 442	224 473	–	2 199 915
Total metallic minerals	6 000	8 674 018	215 573	–	8 895 591	6 000	2 957 046	5 932 545	–	8 895 591
NONMETALLIC MINERALS										
Salt	1 367 066	–	1 537 634	11 415	2 916 115	449 151	1 329 250	1 126 299	11 415	2 916 115
Limestone	39 020	–	1 719 776	756 179	2 514 975	5 988	33 032	1 719 776	756 179	2 514 975
Sand and gravel	92 010	2 600	216 797	668 678	980 085	92 010	2 600	216 797	668 678	980 085
Gypsum	940 735	–	–	5 429	946 164	176 840	588 187	175 709	5 429	946 165
Potash	–	–	39 299	–	39 299	–	–	39 299	–	39 299
Sulphur	–	–	–	1 656	1 656	–	–	–	1 656	1 656
Other mineral products (including clays, coal briquettes, greases and asphalt)	725 813	635 480	1 943 082	107 997	3 412 372	743 627	949 764	1 610 984	107 997	3 412 372
Total nonmetallic minerals	3 164 644	638 080	5 456 588	1 551 354	10 810 666	1 467 616	2 902 833	4 888 864	1 551 354	10 810 667
MINERAL FUELS										
Coal and coke	–	–	1 485 439	–	1 485 439	–	–	1 485 439	–	1 485 439
Crude petroleum	–	28 900	–	–	28 900	–	–	28 900	–	28 900
Total mineral fuels	–	28 900	1 485 439	–	1 514 339	–	–	1 514 339	–	1 514 339
Total crude minerals	3 170 644	9 340 998	7 157 600	1 551 354	21 220 596	1 473 616	5 859 879	12 335 748	1 551 354	21 220 597
Total all commodities ¹	6 185 501	13 925 513	15 928 590	15 494 477	51 534 081	5 448 450	14 960 041	15 632 193	15 493 397	51 534 081
Crude minerals as a percentage of all products	51.3	67.1	44.9	10.0	41.2	27.0	39.2	78.9	10.0	41.2

Source: Statistics Canada.

– Nil.

¹ Includes metallic minerals, nonmetallic minerals and mineral fuels, along with all other cargo loaded and unloaded in coastwise shipping.

Note: Numbers may not add to totals due to rounding.

TABLE 61. CANADA, FABRICATED MINERAL PRODUCTS LOADED AND UNLOADED IN COASTWISE SHIPPING, 1994

	Loaded					Unloaded				
	Atlantic	St. Lawrence	Great Lakes	Pacific	Total	Atlantic	St. Lawrence	Great Lakes	Pacific	Total
(tonnes)										
METALLIC MINERAL PRODUCTS										
Iron, steel and alloys	–	1 075	–	1 400	2 475	231	844	–	1 400	2 475
Aluminum and aluminum products	–	87 859	–	–	87 859	–	87 859	–	–	87 859
Other base-metal products	3 264	218 199	–	–	221 463	15 458	206 004	–	–	221 462
Total metallic mineral products	3 264	307 133	–	1 400	311 797	15 689	294 707	–	1 400	311 796
NONMETALLIC MINERAL PRODUCTS										
Cement and related products	524	–	351 783	59 040	411 347	524	–	351 783	59 040	411 347
Other fabricated nonmetallic minerals, n.e.s.	47 618	26 593	101 637	210 945	386 793	50 315	36 212	89 321	210 945	386 793
Total nonmetallic mineral products	48 142	26 593	453 420	269 985	798 140	50 839	36 212	441 104	269 985	798 140
MINERAL FUEL PRODUCTS										
Gasoline	955 395	1 441 554	170 875	556 162	3 123 986	1 127 572	1 136 543	303 709	556 162	3 123 986
Petroleum coke	–	5 042	21 508	–	26 550	–	26 550	–	–	26 550
Other fabricated mineral fuels, n.e.s.	1 507 670	2 112 606	1 078 186	550 924	5 249 386	1 814 248	1 894 560	990 732	549 844	5 249 384
Total mineral fuel products	2 463 065	3 559 202	1 270 569	1 107 086	8 399 922	2 941 820	3 057 653	1 294 441	1 106 006	8 399 920
Total fabricated mineral products	2 514 471	3 892 928	1 723 989	1 378 471	9 509 859	3 008 348	3 388 572	1 735 545	1 377 391	9 509 856
Total all commodities¹	6 185 501	13 925 513	15 928 590	15 494 477	51 534 081	5 448 450	14 960 041	15 632 193	15 493 397	51 534 081
Fabricated mineral products as a percentage of all commodities	40.7	28.0	10.8	8.9	18.5	55.2	22.7	11.1	8.9	18.5

Source: Statistics Canada.

– Nil; n.e.s. Not elsewhere specified.

¹ Includes metallic mineral products, nonmetallic mineral products and mineral fuel products, along with all other cargo loaded and unloaded in coastwise shipping.

Note: Numbers may not add to totals due to rounding.

TABLE 62. CANADA, CRUDE MINERALS AND FABRICATED MINERAL PRODUCTS LOADED AT CANADIAN PORTS IN COASTWISE SHIPPING, 1960-94

	Total All Commodities ¹	Total Crude Minerals	Total Fabricated Minerals	Crude and Fabricated Minerals as Percentage of All Products
	(000 tonnes)			(%)
1960	37 058	8 786	8 229	45.9
1961	41 861	9 527	8 857	43.9
1962	39 763	8 361	9 768	45.6
1963	40 328	7 998	9 942	44.5
1964	47 171	8 522	11 194	41.8
1965	48 200	9 183	11 766	43.5
1966	55 122	10 155	12 653	41.4
1967	49 799	11 509	12 207	47.6
1968	50 921	13 698	13 245	52.9
1969	51 890	12 746	14 181	51.9
1970	57 301	14 415	14 818	51.0
1971	55 128	14 783	15 374	54.7
1972	55 326	14 197	15 290	53.3
1973	55 314	16 573	15 615	58.2
1974	53 633	11 723	16 575	52.8
1975	54 373	15 687	17 510	61.1
1976	53 882	15 924	16 208	59.6
1977	58 309	18 131	17 435	61.0
1978	60 668	18 318	16 619	57.6
1979	79 950	22 130	17 486	49.6
1980	82 761	22 947	17 134	48.4
1981	71 271	17 849	16 669	48.4
1982	65 881	16 473	13 214	45.1
1983	67 598	21 248	12 025	49.2
1984	68 698	22 798	11 909	50.5
1985	61 717	19 867	10 291	48.9
1986	60 506	19 901	10 264	49.9
1987	67 572	20 969	11 118	47.5
1988	69 974	23 325	11 676	50.0
1989	62 016	22 963	11 825	56.1
1990	60 360	22 430	16 096	63.8
1991	58 430	19 624	10 370	51.3
1992	52 262	22 125	9 325	60.2
1993	49 976	21 088	8 168	58.5
1994	51 534	21 221	9 510	59.6

Source: Statistics Canada.

¹ Includes metallic mineral products, nonmetallic mineral products and mineral fuel products, along with all other cargo loaded and unloaded in coastwise shipping.

TABLE 63. CANADA, CRUDE MINERALS LOADED AND UNLOADED AT CANADIAN PORTS IN INTERNATIONAL SHIPPING TRADE,¹ 1992-94

	1992		1993		1994	
	Loaded	Unloaded	Loaded	Unloaded	Loaded	Unloaded
	(tonnes)					
METALLIC MINERALS						
Iron ore and concentrates	26 181 230	5 401 658	27 302 851	6 225 081	31 546 345	6 632 357
Aluminum ores and concentrates	206	2 597 421	56 640	2 708 218	1 021	2 790 712
Lead and zinc ores and concentrates	630 641	369 808	681 955	285 744	601 580	388 259
Copper and nickel ores and concentrates	1 055 909	127 739	917 920	234 293	670 937	255 328
Other ores and base-metal products	1 001 411	277 730	1 397 088	340 882	1 301 678	361 250
Total metallic minerals	28 869 397	8 774 356	30 356 454	9 794 218	34 121 561	10 427 906
NONMETALLIC MINERALS						
Limestone	1 525 801	2 007 454	2 362 180	2 663 411	2 875 794	2 814 057
Sand and gravel	584 135	1 346 022	706 779	1 710 088	918 918	1 414 958
Gypsum	4 934 822	266 173	5 629 219	290 415	6 133 164	316 916
Salt	2 363 201	772 021	3 144 915	655 322	3 447 962	878 756
Sulphur	3 706 559	14	3 011 867	482	3 849 700	—
Potash	5 069 877	109	4 524 907	6 558	6 311 041	10 727
Other mineral products (including clays, coal briquettes, greases and asphalt)	2 813 131	2 619 601	2 569 221	2 638 689	2 891 011	2 722 029
Total nonmetallic minerals	20 997 526	7 011 394	21 949 088	7 964 965	26 428 590	8 157 443
MINERAL FUELS						
Coal and coke	27 606 538	12 882 982	28 191 082	9 024 932	31 626 517	9 802 904
Crude petroleum	1 126 694	16 488 431	921 273	20 938 720	2 246 574	23 797 499
Other mineral fuels	—	—	—	—	—	—
Total mineral fuels	28 733 232	29 371 413	29 112 355	29 963 652	33 873 091	33 600 403
Total crude mineral products	78 600 155	45 157 163	81 417 897	47 722 835	94 423 242	52 185 752
Total all commodities ¹	153 786 355	69 369 223	152 161 869	72 009 073	169 462 571	77 840 797
Crude minerals as a percentage of all commodities	51.1	65.1	53.5	66.3	55.7	67.0

Source: Statistics Canada.

— Nil; n.e.s. Not elsewhere specified.

¹ Includes metallic minerals, nonmetallic minerals and mineral fuels, along with all other cargo loaded and unloaded at Canadian ports.

Note: Numbers may not add to totals due to rounding.

TABLE 64. CANADA, FABRICATED MINERAL PRODUCTS LOADED AND UNLOADED AT CANADIAN PORTS IN INTERNATIONAL SHIPPING TRADE,¹ 1992-94

	1992		1993		1994	
	Loaded	Unloaded	Loaded	Unloaded	Loaded	Unloaded
	(tonnes)					
METALLIC MINERAL PRODUCTS						
Iron, steel and alloys	2 186 859	1 220 731	1 654 602	2 004 280	1 193 744	3 501 487
Nonferrous metals, n.e.s.	1 138 551	3 503 298	1 203 432	3 806 560	1 058 252	3 814 232
Total metallic mineral products	3 325 410	4 724 029	2 858 034	5 810 840	2 251 996	7 315 719
NONMETALLIC MINERAL PRODUCTS						
Cement and related products	1 663 864	283 935	2 060 410	150 121	2 667 688	199 900
Other nonmetallic minerals, n.e.s.	1 456 179	1 060 617	1 665 939	1 098 402	1 624 995	1 556 758
Total nonmetallic mineral products	3 120 043	1 344 552	3 726 349	1 248 523	4 292 683	1 756 658
MINERAL FUEL PRODUCTS						
Gasoline	2 471 471	975 292	2 929 309	1 455 239	3 459 307	1 798 525
Fuel oil	3 825 015	4 209 834	4 659 986	3 088 207	3 568 220	2 287 097
Coke, petroleum and coal products	245 481	852 349	501 535	914 819	480 261	973 584
Other mineral fuels, n.e.s.	1 655 145	1 296 153	2 047 851	1 459 897	1 672 125	1 186 235
Total mineral fuel products	8 197 112	7 333 628	10 138 681	6 918 162	9 179 913	6 245 441
Total fabricated mineral products	14 642 565	13 402 209	16 723 064	13 977 525	15 724 592	15 317 818
Total all commodities ¹	153 786 355	69 369 223	152 161 869	72 009 073	169 462 571	77 840 797
Fabricated mineral products as a percentage of all commodities	9.5	19.3	11.0	19.4	9.3	19.7

Source: Statistics Canada.
n.e.s. Not elsewhere specified.

¹ Includes metallic mineral products, nonmetallic mineral products and mineral fuel products, along with all other cargo loaded and unloaded at Canadian ports.

Note: Numbers may not add to totals due to rounding.

TABLE 65. CANADA, CRUDE MINERALS AND FABRICATED MINERAL PRODUCTS LOADED AT CANADIAN PORTS IN INTERNATIONAL SHIPPING TRADE, 1960-94

	Total All Commodities ¹	Total Crude Minerals	Total Fabricated Minerals	Crude and Fabricated Minerals as Percentage of All Products
	(000 tonnes)			(%)
1960	45 872	24 671	2 039	58.2
1961	48 771	23 241	2 133	52.0
1962	54 676	30 446	2 296	59.9
1963	62 031	32 214	2 503	56.0
1964	75 760	42 087	2 602	59.0
1965	74 521	41 338	2 746	59.2
1966	76 192	41 374	3 350	58.7
1967	72 598	42 704	3 701	63.9
1968	78 663	48 680	2 960	65.6
1969	70 432	42 442	3 456	65.2
1970	95 807	55 849	4 965	63.5
1971	95 887	53 245	5 022	60.8
1972	98 988	51 912	9 091	61.6
1973	112 434	64 195	10 103	66.1
1974	106 110	64 093	9 041	68.9
1975	102 444	61 970	7 495	67.8
1976	114 815	71 527	6 108	67.6
1977	119 770	70 257	5 979	63.7
1978	116 522	62 291	7 556	59.9
1979	134 639	79 685	8 901	65.8
1980	138 161	67 898	11 770	57.7
1981	145 445	83 007	9 022	63.3
1982	125 282	65 594	7 115	58.0
1983	129 490	67 152	6 197	56.6
1984	145 322	82 752	7 986	62.4
1985	143 421	83 878	10 814	66.0
1986	144 561	84 720	8 303	64.3
1987	158 994	86 085	10 488	60.7
1988	171 064	98 934	12 227	65.0
1989	159 069	90 807	13 624	65.7
1990	159 039	88 504	15 107	65.1
1991	168 030	90 165	16 138	63.3
1992	153 786	78 600	14 643	60.6
1993	152 162	81 418	16 723	64.5
1994	169 463	94 423	15 725	65.0

Source: Statistics Canada.

¹ Includes metallic mineral products, nonmetallic mineral products and mineral fuel products, along with all other cargo loaded and unloaded at Canadian ports.

TABLE 66. CANADA, CAPITAL AND REPAIR EXPENDITURES BY SELECTED INDUSTRIAL SECTOR, 1993-96

		Capital Expenditures			Repair Expenditures ¹		
		Construction	Machinery and Equipment	Total	Construction	Machinery and Equipment	Total
(\$ millions)							
Agriculture and related service industries	1993	875.1	2 374.9	3 250.1	435.4	1 484.3	1 919.7
	1994	1 028.2	2 297.8	3 326.0	465.1	1 543.2	2 008.4
	1995 ^p	1 030.6	2 375.4	3 406.0	..	..	..
	1996 ⁱ	997.7	2 268.5	3 266.1	..	..	..
Fishing and trapping	1993	56.4	77.5	133.9	40.5	162.1	202.6
	1994	53.7	78.2	131.9	38.6	163.6	202.2
	1995 ^p	51.4	66.1	117.5	..	..	..
	1996 ⁱ	53.2	67.2	120.4	..	..	..
Logging and forestry	1993	108.6	66.4	175.0	58.2	139.6	197.8
	1994	109.7	353.5	463.2	49.4	614.3	663.7
	1995 ^p	103.2	351.7	454.8	..	..	..
	1996 ⁱ	101.4	306.9	408.3	..	..	..
Mining ²	1993	8 051.7	918.6	8 970.4	419.7	2 351.0	2 770.8
	1994	12 644.9	1 208.3	13 853.1	451.9	2 298.0	2 749.9
	1995 ^p	11 389.7	1 737.5	13 127.2	..	..	..
	1996 ⁱ	10 536.4	1 969.5	12 505.9	..	..	..
Manufacturing	1993	1 881.2	11 896.4	13 777.6	1 185.9	7 434.2	8 620.1
	1994	2 515.9	12 013.1	14 529.0	1 168.0	6 806.3	7 974.3
	1995 ^p	2 246.2	14 362.9	16 609.1	..	..	..
	1996 ⁱ	1 993.8	15 085.9	17 079.4	..	..	..
Construction	1993	275.7	1 605.4	1 881.1	62.2	1 020.6	1 082.8
	1994	294.1	1 711.1	2 005.2	66.2	1 088.3	1 154.5
	1995 ^p	261.6	1 624.3	1 885.9	..	..	..
	1996 ⁱ	260.1	1 514.5	1 774.6	..	..	..
Transportation and storage	1993	2 673.5	2 249.5	4 923.1	1 539.3	3 512.4	5 051.7
	1994	2 923.6	2 946.8	5 870.4	1 233.0	3 390.0	4 623.0
	1995 ^p	3 218.3	2 939.5	6 157.8	..	..	..
	1996 ⁱ	2 958.4	3 131.9	6 090.3	..	..	..
Communications and other utilities	1993	8 968.1	7 297.0	16 265.1	1 709.0	2 871.2	4 580.1
	1994	7 221.1	6 446.9	13 668.0	1 321.7	3 028.6	4 350.3
	1995 ^p	7 547.8	6 323.5	13 871.3	..	..	..
	1996 ⁱ	7 810.1	6 590.2	14 400.4	..	..	..
Wholesale and retail trade	1993	1 336.1	3 630.8	4 966.8	624.1	1 280.0	1 904.1
	1994	1 589.2	3 502.6	5 091.8	463.9	1 145.2	1 609.0
	1995 ^p	1 749.5	4 091.8	5 841.2	..	..	..
	1996 ⁱ	1 644.4	3 494.9	5 136.3	..	..	..
Housing	1993	32 575.8	—	32 575.8	4 177.3	—	4 177.3
	1994	34 921.5	—	34 921.5	4 669.5	—	4 669.5
	1995 ^p	30 386.6	—	30 386.6	..	..	..
	1996 ⁱ	30 194.4	—	30 194.4	..	..	..
Total ³	1993	75 541.2	45 712.7	121 253.9	16 606.9	23 039.2	39 646.1
	1994	81 444.3	48 686.9	130 131.2	16 110.1	23 308.7	39 418.8
	1995 ^p	76 437.0	51 519.1	127 956.1	..	..	..
	1996 ⁱ	73 972.7	52 036.7	126 009.4	..	..	..
Mining as a percentage of total	1993	10.7	2.0	7.4	2.5	10.2	7.0
	1994	15.5	2.5	10.6	2.8	9.9	7.0
	1995 ^p	14.9	3.4	10.3	..	..	..
	1996 ⁱ	14.2	3.8	9.9	..	..	..

Source: Statistics Canada.

— Nil; .. Not available; i Intentions; p Preliminary actual.

¹ Repair data are not available for 1995 and 1996. ² Includes mines, quarries and oil wells. ³ Includes finance, real estate, insurance, commercial services, institutions and government departments.

Notes: Numbers may not add to totals due to rounding. Capital and repair expenditures are based on the 1980 Standard Industrial Classification.

TABLE 67. CANADA, CAPITAL AND REPAIR EXPENDITURES IN MINING¹ BY PROVINCE AND TERRITORY, 1993-96

		Capital Expenditures			Repair Expenditures ²		
		Construction	Machinery and Equipment	Total	Construction	Machinery and Equipment	Total
(\$ millions)							
Newfoundland	1993	1 029.9	8.0	1 037.9	x	x	149.8
	1994	1 443.6	10.8	1 454.5	8.9	127.6	136.5
	1995 ^P	1 508.1	101.5	1 609.7	..	..	..
	1996 ⁱ	1 256.4	82.1	1 338.5	..	..	..
Nova Scotia	1993	66.8	44.9	111.7	3.2	53.9	57.1
	1994	25.4	39.7	65.1	3.0	43.3	46.3
	1995 ^P	32.2	18.3	50.6	..	..	..
	1996 ⁱ	39.2	45.1	84.3	..	..	..
New Brunswick	1993	x	x	53.4	x	x	85.8
	1994	x	x	50.2	x	x	80.2
	1995 ^P	x	x	x	..	..	..
	1996 ⁱ	49.2	34.4	83.6	..	..	..
Quebec	1993	311.0	70.0	381.1	24.5	227.0	251.5
	1994 ^P	408.2	136.7	544.9	34.8	266.1	300.9
	1995 ^P	415.0	130.7	545.7	..	..	..
	1996 ⁱ	495.5	138.9	634.4	..	..	..
Ontario	1993	319.0	133.6	452.6	54.3	348.7	402.9
	1994	422.1	201.4	623.5	63.6	367.9	431.5
	1995 ^P	547.3	305.3	852.6	..	..	..
	1996 ⁱ	400.5	336.4	736.9	..	..	..
Manitoba	1993	x	x	119.9	1.5	74.0	75.4
	1994	117.2	33.5	150.7	x	x	x
	1995 ^P	166.8	48.2	215.0	..	..	..
	1996 ⁱ	142.7	27.3	170.0	..	..	..
Saskatchewan	1993	760.4	67.3	827.6	26.8	141.3	168.1
	1994	1 038.2	76.0	1 114.2	22.3	129.9	152.1
	1995 ^P	1 033.2	117.5	1 150.6	..	..	..
	1996 ⁱ	1 150.2	242.5	1 392.8	..	..	..
Alberta	1993	4 762.1	415.3	5 177.5	174.5	822.6	997.1
	1994	7 681.1	572.4	8 253.5	195.1	852.6	1 047.7
	1995 ^P	6 545.1	689.2	7 234.4	..	..	..
	1996 ⁱ	6 087.0	773.5	6 860.5	..	..	..
British Columbia	1993	641.6	127.4	769.0	112.1	411.0	523.1
	1994	1 407.9	109.7	1 517.6	109.4	374.1	483.6
	1995 ^P	997.8	271.6	1 269.4	..	..	..
	1996 ⁱ	821.6	277.3	1 098.9	..	..	..
Yukon	1993	..	..	..	0.3	15.3	15.6
	1994	..	1.6	1.7	..	0.9	0.9
	1995 ^P	x	x	x	..	..	..
	1996 ⁱ	8.0	2.2	10.2	..	..	..
Northwest Territories	1993	34.4	5.2	39.7	6.1	38.3	44.3
	1994	71.5	5.9	77.4	x	x	x
	1995 ^P	56.1	10.5	66.6	..	..	..
	1996 ⁱ	85.9	9.8	95.8	..	..	..
Total Canada	1993	8 051.7	918.6	8 970.4	419.7	2 351.0	2 770.8
	1994	12 644.9	1 208.3	13 853.1	451.9	2 298.0	2 749.9
	1995 ^P	11 389.7	1 737.5	13 127.2	..	..	..
	1996 ⁱ	10 536.4	1 969.5	12 505.9	..	..	..

Source: Statistics Canada.

.. Not available; . . . Amount too small to be expressed; ^P Preliminary actual; ⁱ Intentions; x Confidential.¹ Includes mines, quarries and oil wells. ² Repair data are not available for 1995 and 1996.

Notes: Numbers may not add to totals due to rounding. Capital and repair expenditures are based on the 1980 Standard Industrial Classification. Refer also to Table 50.

TABLE 68. CANADA, CAPITAL AND REPAIR¹ EXPENDITURES IN MINING AND MINERAL MANUFACTURING INDUSTRIES, 1993-96

	1993			1994			1995 ^P	1996 ^I
	Capital	Repair	Total	Capital	Repair	Total	Capital	Capital
	(\$ millions)							
MINING								
Metal mines								
Gold	298.8	244.5	543.3	652.8	253.3	906.1	697.4	546.6
Copper and copper-zinc	265.2	245.8	510.9	242.5	189.6	432.1	359.1	416.3
Nickel-copper	x	x	x	x	x	x	x	x
Silver-lead-zinc	60.2	84.7	154.1	90.2	64.3	154.5	153.9	90.4
Uranium	x	x	x	x	x	x	146.2	167.9
Iron	84.4	203.4	287.8	124.1	201.8	341.8	180.8	222.8
Other metal mines	x	x	x	x	x	x	19.9	10.4
Total	1 100.1	1 051.2	2 151.3	1 380.0	860.9	994.9	2 008.0	2 071.8
Nonmetal mines								
Asbestos	x	x	x	x	x	x	x	x
Peat	4.2	3.0	7.2	13.7	4.9	18.6	11.7	7.9
Gypsum	12.2	13.1	25.3	13.4	14.7	28.1	20.8	34.5
Potash	90.2	127.7	217.9	83.9	119.0	202.9	72.0	113.7
Salt	x	x	x	x	x	x	x	x
Other nonmetal mines	10.3	13.9	24.2	7.1	13.9	21.0	11.7	15.5
Coal	264.4	332.2	596.6	218.5	341.9	560.5	329.9	403.2
Total	481.8	572.2	1 054.1	421.5	571.7	993.4	506.1	620.0
Quarries and sand pits	36.4	72.9	109.3	121.7	110.4	232.1	87.4	62.8
Crude petroleum and natural gas	7 308.6	993.0	8 301.6	11 787.8	953.0	12 740.8	10 427.0	9 682.9
Service industries incidental to mineral extraction	43.4	81.5	124.8	142.1	119.8	261.9	98.6	68.4
Total mining industries	8 970.4	2 770.8	11 741.1	13 853.1	2 749.9	16 603.0	13 127.2	12 505.9
MINERAL MANUFACTURING								
Primary metal industries								
Primary steel	227.4	662.8	890.3	226.8	750.7	977.5	524.5	680.7
Steel pipe and tube mills	55.6	60.3	115.9	51.7	74.9	126.6	64.2	83.2
Iron foundries	56.8	68.7	125.6	68.6	43.5	112.0	118.8	92.2
Smelting and refining	502.6	646.3	1 148.9	175.3	404.5	579.7	249.7	376.2
Aluminum rolling, casting and extruding	90.6	58.4	149.0	104.1	63.0	167.1	83.1	88.0
Copper and copper alloy, rolling, casting and extruding	15.6	12.2	27.7	15.0	14.4	29.3	23.2	17.6
Metal rolling, casting and extruding	60.4	33.4	93.8	28.9	16.3	45.2	130.9	132.9
Total	1 009.0	1 542.1	2 551.2	670.3	1 367.1	2 037.5	1 194.3	1 470.9
Nonmetallic mineral products								
Clay products	9.6	7.1	16.6	6.1	12.7	18.8	6.6	6.4
Cement	51.3	80.3	131.6	46.2	77.5	123.6	70.7	110.1
Concrete products	35.5	36.0	71.5	63.5	32.8	96.3	30.1	34.6
Ready-mix concrete	50.7	99.8	150.5	36.9	37.1	74.0	67.5	61.3
Glass and glass products	36.1	24.2	60.4	112.3	39.0	151.3	101.3	90.8
Abrasives	6.0	14.2	20.2	6.4	16.8	23.3	12.4	12.3
Lime	10.3	16.6	26.9	11.2	10.5	21.7	20.9	8.2
Other nonmetallic mineral products	36.7	70.0	106.7	75.5	92.8	168.2	54.2	67.5
Total	236.2	348.3	584.5	358.0	319.2	677.2	363.7	391.3

TABLE 68 (cont'd)

	1993			1994			1995 ^p	1996 ⁱ
	Capital	Repair	Total	Capital	Repair	Total	Capital	Capital
	(\$ millions)							
MINERAL MANUFACTURING								
(cont'd)								
Metal-fabricating industries								
Power boiler and heat exchanger	16.2	8.8	25.0	16.7	8.0	24.7	22.5	23.5
Fabricated structural metal	18.0	20.7	38.7	33.0	20.9	53.9	62.2	78.0
Ornamental and architectural metal	17.1	16.5	33.6	37.8	15.4	53.1	26.4	25.0
Metal stamping, pressing and coating	120.0	91.8	211.8	89.2	56.8	146.0	89.2	89.2
Wire and wire products	65.1	67.5	132.6	61.2	38.6	99.9	55.3	52.3
Hardware, tool and cutlery	44.5	38.8	83.2	103.4	30.9	134.4	80.0	99.3
Heating equipment	13.9	6.5	20.3	6.9	2.1	9.1	7.9	12.7
Machine shops	28.9	17.3	46.2	84.5	14.8	99.3	94.5	80.8
Miscellaneous metal fabricating	46.3	33.8	80.0	37.5	10.8	48.4	74.5	75.0
Total	369.9	301.5	671.5	470.3	198.4	668.7	512.5	535.7
Petroleum and coal products								
Refined petroleum products	367.8	371.3	739.1	307.9	323.9	631.8	357.5	579.8
Other petroleum products	25.6	29.2	54.9	15.1	21.0	36.0	10.7	9.9
Total	393.4	400.5	793.9	323.0	344.9	667.8	368.2	589.7
Total mineral manufacturing industries	2 008.5	2 592.4	4 601.1	1 821.6	2 229.6	4 051.2	2 438.7	2 987.6
Total mining and mineral manufacturing industries	10 978.9	5 363.2	16 342.2	15 674.7	4 979.5	20 654.2	15 565.9	15 493.5

Source: Statistics Canada.

ⁱ Intentions; ^p Preliminary actual; x Confidential.¹ Repair data are not available for 1995 and 1996.

Notes: Numbers may not add to totals due to rounding. Capital and repair expenditures are based on the 1980 Standard Industrial Classification. Refer also to Table 51.

TABLE 69. CANADA, CAPITAL AND REPAIR¹ EXPENDITURES IN THE MINING INDUSTRY, MACHINERY AND EQUIPMENT AND CONSTRUCTION, 1993-96

	1993	1994	1995 ^p	1996 ⁱ
(\$ millions)				
METAL MINES				
Capital				
Machinery and equipment	244.3	328.6	642.5	791.6
Construction	855.8	1 051.4	1 365.5	1 280.3
Repair				
Machinery and equipment	939.6	860.9	..	..
Construction	111.6	134.0	..	..
NONMETAL MINES				
Capital				
Machinery and equipment	78.6	78.2	85.1	112.7
Construction	138.8	124.8	91.1	104.1
Repair				
Machinery and equipment	223.6	215.2	..	..
Construction	16.5	14.7	..	..
COAL MINES				
Capital				
Machinery and equipment	179.4	138.9	260.2	313.2
Construction	85.0	79.7	69.7	90.0
Repair				
Machinery and equipment	315.8	323.2	..	..
Construction	16.4	18.7	..	..
QUARRY AND SAND PIT INDUSTRIES				
Capital				
Machinery and equipment	33.1	107.1	71.5	54.3
Construction	3.3	14.6	16.0	8.5
Repair				
Machinery and equipment	72.3	108.9	..	..
Construction	0.6	1.5	..	..
CRUDE PETROLEUM AND NATURAL GAS				
Capital				
Machinery and equipment	341.2	420.6	585.5	630.4
Construction	6 967.5	11 367.2	9 841.5	9 052.5
Repair				
Machinery and equipment	719.3	670.8	..	..
Construction	273.7	282.3	..	..
SERVICE INDUSTRIES INCIDENTAL TO MINERAL EXTRACTION				
Capital				
Machinery and equipment	42.1	135.0	92.7	67.3
Construction	1.3	7.1	5.9	1.0
Repair				
Machinery and equipment	80.5	119.1	..	..
Construction	1.0	0.7	..	..
TOTAL MINING				
Capital				
Machinery and equipment	918.6	1 208.3	1 737.5	1 969.5
Construction	8 051.7	12 644.9	11 389.7	10 536.4
Repair				
Machinery and equipment	2 351.0	2 298.0	..	..
Construction	419.7	451.9	..	..

Source: Statistics Canada.

.. Not available; i Intentions; p Preliminary actual.

¹ Repair data are not available for 1995 and 1996.

Notes: Numbers may not add to totals due to rounding. Capital and repair expenditures are based on the 1980 Standard Industrial Classification. Refer also to Table 51.

TABLE 70. CANADA, CAPITAL AND REPAIR¹ EXPENDITURES IN THE MINERAL MANUFACTURING INDUSTRIES, MACHINERY AND EQUIPMENT AND CONSTRUCTION, 1993-96

	1993	1994	1995 ^p	1996 ⁱ
	(\$ millions)			
PRIMARY METAL				
Capital				
Machinery and equipment	860.9	520.2	944.0	1 173.0
Construction	148.2	150.1	250.3	297.9
Repair				
Machinery and equipment	1 386.7	1 219.7	..	..
Construction	155.4	147.4	..	..
NONMETALLIC MINERAL PRODUCTS				
Capital				
Machinery and equipment	210.7	330.2	324.4	340.7
Construction	25.5	27.8	39.3	50.6
Repair				
Machinery and equipment	317.3	282.7	..	..
Construction	31.0	36.5	..	..
FABRICATED METAL PRODUCTS				
Capital				
Machinery and equipment	326.3	409.2	459.7	468.8
Construction	43.6	61.1	52.8	66.9
Repair				
Machinery and equipment	269.2	172.1	..	..
Construction	32.3	26.3	..	..
REFINED PETROLEUM AND COAL PRODUCTS				
Capital				
Machinery and equipment	140.7	120.3	247.5	498.0
Construction	252.7	202.7	120.6	91.7
Repair				
Machinery and equipment	128.6	133.0	..	..
Construction	271.9	211.8	..	..
TOTAL MINERAL MANUFACTURING INDUSTRIES				
Capital				
Machinery and equipment	1 538.6	1 379.9	1 975.6	2 480.5
Construction	470.0	441.7	463.0	507.1
Repair				
Machinery and equipment	2 101.8	1 807.5	..	..
Construction	490.6	422.0	..	..

Source: Statistics Canada.

.. Not available; i Intentions; p Preliminary actual.

¹ Repair data are not available for 1995 and 1996.

Notes: Numbers may not add to totals due to rounding. Capital and repair expenditures are based on the 1980 Standard Industrial Classification.