

TABLE 1. CANADA, VALUE OF MINERALS AND MINERAL PRODUCTS (STAGES I TO IV), IMPORTS BY COMMODITY, 1997-99

	1997	1998	1999a
	(\$000)		
METALS			
Aluminum	3 827 343	4 360 507	2 899 028
Antimony	11 017	9 749	5 667
Barium	5 101	6 195	4 886
Beryllium	567	75	236
Bismuth	3 043	2 426	1 280
Cadmium	1 341	607	570
Calcium metals	40 576	47 562	31 803
Chromium	97 948	94 103	53 994
Cobalt	63 955	62 975	25 056
Copper	1 810 201	1 624 453	1 103 521
Gallium	22	31	10
Germanium	8 271	14 327	4 338
Gold	1 438 458	1 577 934	726 756
Hafnium	17	3	121
Indium	1 489	1 085	751
Iron and steel	12 912 369	15 378 002	9 946 721
Iron ore	357 847	387 945	245 313
Lead	551 199	596 903	348 772
Lithium	32 293	48 918	16 517
Magnesium and magnesium compounds	203 457	186 692	135 954
Manganese	167 566	209 580	133 444
Mercury	730	684	214
Mineral pigments	114 854	130 592	109 567
Molybdenum	40 489	41 009	23 806
Nickel	599 185	640 840	242 660
Niobium	20 968	25 358	20 357
Platinum group metals	228 667	182 448	118 081
Rare earth metals	9 628	8 365	4 257
Rhenium	9	26	12
Selenium	391	470	318
Silicon	90 978	96 550	53 986
Silver	142 383	136 916	71 720
Strontium	1 880	2 073	1 424
Tantalum	963	1 240	603
Tellurium	59	112	240
Thallium	1	10	18
Tin	59 240	61 768	47 366
Titanium metals	73 751	94 925	45 933
Tungsten	9 236	9 393	5 324
Uranium and thorium	219 999	223 733	182 634
Vanadium	44 830	62 730	14 248
Zinc	275 855	234 856	95 872
Zirconium	40 346	42 763	24 182
Other metals	7 741 696	9 277 780	6 557 810
Total metals	31 250 218	35 884 713	23 305 370
NONMETALS			
Abrasives	351 653	430 042	301 046
Arsenic	416	1 315	2 755
Asbestos	85 281	81 034	68 825
Barite and witherite	2 994	2 479	3 053
Boron	27 623	29 048	23 694
Bromine	2 225	1 637	1 211
Calcium (industrial minerals)	7 051	6 592	4 164
Chlorine and chlorine compounds	50 966	56 067	51 838
Diamonds	223 942	251 153	172 683
Feldspar	319	448	251
Fluorspar	42 530	49 460	24 970

TABLE 1 (cont'd)

	1997	1998	1999a
	(\$000)		
NONMETALS (cont'd)			
Glass and glassware products	1 865 834	2 143 384	1 590 530
Graphite	369 379	447 628	326 367
Gypsum	30 779	36 166	28 637
Iodine	18 775	16 670	9 131
Mica	12 369	11 469	7 994
Nepheline syenite	12	3	1
Nitrogen	137 482	165 129	82 004
Pearls	19 235	17 217	12 501
Peat	1 289	2 743	828
Perlite	10 604	13 215	10 444
Phosphate and phosphate compounds	422 311	477 501	278 968
Potash and potassium compounds	39 055	41 572	24 610
Salt and sodium compounds	318 140	308 609	220 390
Silica and silica compounds	125 737	143 149	123 053
Sulphur and sulphur compounds	19 096	21 940	13 934
Talc, soapstone and pyrophyllite	13 072	12 173	9 658
Titanium oxides	231 247	272 577	185 577
Vermiculite	5 491	6 504	5 572
Other nonmetals	520 977	552 857	397 823
Total nonmetals	4 955 884	5 599 781	3 982 512
STRUCTURAL MATERIALS			
Cement	188 201	210 444	137 763
Clay and clay products	762 951	861 141	569 619
Dolomite	1 462	1 127	877
Granite	35 642	51 447	37 029
Lime	6 380	5 752	5 015
Limestone flux and other limestone	18 107	20 401	12 484
Marble, travertine and other calcareous stones	39 433	49 886	34 803
Olivine	533	836	689
Sand and gravel	17 619	18 956	12 024
Sandstone	2 067	2 077	1 458
Slate	8 700	9 102	4 420
Other structural materials	66 709	77 660	54 330
Total structural materials	1 147 804	1 308 829	870 511
FUELS			
Coal and coke	879 158	1 141 503	672 971
Natural gas	137 292	104 003	51 233
Natural gas by-products	56 091	56 627	47 918
Petroleum	11 428 616	9 107 165	5 415 368
Other fuels	347 478	449 830	329 586
Total fuels	12 848 635	10 859 128	6 517 076
Total mining imports (including fuels)	50 202 541	53 652 451	34 675 469
Total economy imports	272 855 758	298 316 804	

Sources: Natural Resources Canada; Statistics Canada.
a First nine months of 1999.

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

**TABLE 2. CANADA, VALUE OF MINERALS AND MINERAL PRODUCTS
(STAGES I TO IV), EXPORTS BY COMMODITY, 1997-99**

	1997	1998	1999 ^a
	(\$000)		
METALS			
Aluminum	7 127 264	7 117 389	5 335 427
Antimony	875	1 403	345
Barium	184	—	14
Beryllium	—	—	67
Bismuth	1 415	2 015	1 449
Cadmium	5 612	3 205	2 542
Calcium metals	4 281	3 743	1 825
Chromium	33 642	31 939	23 146
Cobalt	431 471	472 106	220 246
Copper	2 929 108	2 432 249	1 454 899
Gallium	—	—	—
Germanium	450	1 401	1 994
Gold	3 485 710	3 384 921	2 138 579
Hafnium	—	—	—
Indium	—	—	—
Iron and steel	8 495 816	9 612 555	7 261 014
Iron ore	1 262 406	1 289 784	712 526
Lead	334 083	275 946	214 785
Lithium	—	159	69
Magnesium and magnesium compounds	252 921	273 404	181 054
Manganese	6 362	14 574	18 120
Mercury	170	17	26
Mineral pigments	69 910	72 002	56 249
Molybdenum	91 702	67 770	37 530
Nickel	2 119 890	1 927 452	1 198 613
Niobium	42 459	39 647	32 459
Platinum group metals	182 857	207 882	161 413
Rare earth metals	1 124	271	65
Rhenium	—	—	—
Selenium	5 324	4 607	2 029
Silicon	98 872	99 122	81 461
Silver	350 772	508 457	370 073
Strontium	5	8	—
Tantalum	79	1 067	316
Tellurium	3 097	1 178	2 571
Thallium	—	—	—
Tin	17 343	13 791	9 088
Titanium metals	16 678	17 134	14 640
Tungsten	684	635	699
Uranium and thorium	970 889	786 159	518 169
Vanadium	25 350	41 615	8 611
Zinc	1 789 170	1 552 139	1 188 820
Zirconium	3 047	3 258	3 162
Other metals	3 838 305	4 493 058	3 456 408
Total metals	33 999 327	34 754 062	24 710 502
NONMETALS			
Abrasives	208 748	226 760	173 104
Arsenic	33	—	—
Asbestos	308 350	264 272	199 227
Barite and witherite	5 907	9 158	4 836
Boron	498	393	214
Bromine	148	23	24
Calcium (industrial minerals)	33	83	301
Chlorine and chlorine compounds	149 584	143 079	75 866
Diamonds	13 660	6 869	11 280
Feldspar	29	23	30
Fluorspar	43 784	68 796	41 410

TABLE 2 (cont'd)

	1997	1998	1999 ^a
	(\$000)		
NONMETALS (cont'd)			
Glass and glassware products	972 070	1 007 983	867 451
Graphite	132 581	134 085	84 480
Gypsum	288 927	341 551	351 916
Iodine	10 683	12 525	5 597
Mica	9 240	11 289	10 324
Nepheline syenite	50 498	52 205	35 893
Nitrogen	981 713	912 217	753 784
Pearls	1 577	2 252	1 474
Peat	288 094	320 969	249 818
Perlite	–	–	–
Phosphate and phosphate compounds	26 169	27 866	23 284
Potash and potassium compounds	1 752 693	1 978 593	1 622 128
Salt and sodium compounds	503 537	542 886	372 862
Silica and silica compounds	18 370	16 923	16 630
Sulphur and sulphur compounds	468 190	356 130	168 862
Talc, soapstone and pyrophyllite	8 010	10 227	12 842
Titanium oxides	172 758	211 332	159 340
Vermiculite	–	–	–
Other nonmetals	446 985	397 213	276 378
Total nonmetals	6 862 869	7 055 696	5 519 355
STRUCTURAL MATERIALS			
Cement	573 844	627 716	543 225
Clay and clay products	44 475	39 821	35 023
Dolomite	11 978	15 533	21 831
Granite	65 010	67 879	56 906
Lime	27 203	21 300	10 235
Limestone flux and other limestone	25 612	32 825	18 967
Marble, travertine and other calcareous stones	21 205	32 681	28 980
Olivine	–	–	–
Sand and gravel	15 680	19 723	20 671
Sandstone	200	234	52
Slate	4 992	4 927	5 941
Other structural materials	57 682	97 892	74 364
Total structural materials	847 876	960 531	816 195
FUELS			
Coal and coke	2 734 570	2 504 909	1 612 605
Natural gas	8 625 631	8 987 512	7 299 419
Natural gas by-products	1 161 236	863 115	539 163
Petroleum	17 003 934	12 949 797	10 201 790
Other fuels	257 592	269 669	187 351
Total fuels	29 782 963	25 575 002	19 840 328
Total mining exports (including fuels)	71 493 035	68 345 291	50 886 381
Total economy exports	281 255 740	296 699 975	

Sources: Natural Resources Canada; Statistics Canada.

– Nil.

^a First nine months of 1999.

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