

Statistical Report

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

Enquiries for information may be addressed to Laurie Morrison, Statistical Research Officer, Minerals and Mining Statistics Division, at (613) 992-6767.

Statistics contained in this summary are obtained from a variety of sources. Principal sources include the statistical survey programs 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.)

STATISTICAL TABLES

Canada, General Economic Indicators, 1987-96

SECTION 1. PRODUCTION

- 1 Mineral Production of Canada, 1994-96, and Average, 1992-96
- 2 Canada, Value of Mineral Production, Per Capita Value of Mineral Production, and Population, 1971-96
- 3 Canada, Value of Mineral Production by Province, Territory and Mineral Class, 1996
- 3a Canada, Value of Mineral Production by Province, Territory and Mineral Class, 1995
- 4 Canada, Value of Mineral Production by Province and Territory, 1989-96
- 5 Canada, Production of Leading Minerals, 1995 and 1996
- 6 Production of Leading Minerals, by Province and Territory in Canada, 1996
- 6a Production of Leading Minerals, by Province and Territory in Canada, 1995
- 7 Production of Canada's Ten Leading Mineral Commodities, 1989-96
- 8 Canada's World Role as a Producer of Certain Important Minerals, 1995
- 8a Canada's World Role as a Producer of Certain Important Minerals, 1994
- 9 Canada, Gross Domestic Product of Industrial Production, Mining and Mineral Manufacturing at Factor Cost at 1986 Prices, 1986-96
- 10 Canada, Gross Domestic Product by Industry at Factor Cost at 1986 Prices, 1986-96

SECTION 2. TRADE

- 11 Canada, Stage I to Stage IV, Domestic Exports of Minerals and Mineral Products by Commodity, 1994-96
- 12 Canada, Stage I to Stage IV, Imports of Minerals and Mineral Products by Commodity, 1994-96
- 13 Canada, Stage I to Stage IV, Value of Minerals and Mineral Products, Exports by Commodity, by Destination, 1996
- 14 Canada, Stage I to Stage IV, Value of Minerals and Mineral Products, Imports by Commodity, by Origin, 1996

SECTION 3. CONSUMPTION

- 15 Canada, Apparent Consumption of Some Minerals and Relation to Production, 1993-95
- 16 Canada, Reported Consumption of Minerals and Relation to Production, 1993-95
- 17 Canada, Domestic Consumption of Principal Refined Metals in Relation to Refinery Production, 1989-95

SECTION 4. PRICES

- 18 Average Annual Prices of Selected Metals, 1990-96
- 19 Canadian Average Annual Prices of Selected Metals, 1990-96

SECTION 5. PRINCIPAL STATISTICS

- 20 Canada, Principal Statistics of the Mineral Industry, 1994
- 20a Canada, Principal Statistics of the Mineral Industry, 1993
- 21 Canada, Principal Statistics of the Mineral Manufacturing Industries, 1994
- 22 Canada, Principal Statistics of the Mineral Industry by Region, 1994
- 22a Canada, Principal Statistics of the Mineral Industry by Region, 1993
- 23 Canada, Principal Statistics of the Mineral Manufacturing Industries by Region, 1994
- 24 Canada, Principal Statistics of the Mineral Industry, 1982-94
- 25 Canada, Principal Statistics of the Mineral Manufacturing Industries, 1982-94
- 26 Canada, Consumption of Fuel and Electricity in the Mineral Industry, 1994
- 27 Canada, Cost of Fuel and Electricity Used in the Non-Fuel Mineral Industry, 1990-94

SECTION 6. EMPLOYMENT, SALARIES AND WAGES

- 28 Canada, Employment in the Mineral Industry, Stage I – Mineral Extraction and Concentrating (Total Activity), 1961-96
- 29 Canada, Employment in the Non-Fuel Mineral Industry, Stage I – Mineral Extraction and Concentrating (Total Activity), 1961-96
- 30 Canada, Employment in the Mineral Industry, Stage II – Smelting and Refining (Total Activity), 1961-96
- 31 Canada, Employment in the Mineral Industry, Stage III – Semi-Fabrication (Total Activity), 1961-96
- 32 Canada, Employment in the Mineral Industry, Stage III – Non-Fuel Semi-Fabrication (Total Activity), 1961-96
- 33 Canada, Employment in the Mineral Industry, Stage IV – Metallic Mineral Manufacturing (Total Activity), 1961-96
- 34 Canada, Employment for Services Incidental to Mines, Quarries and Oil Wells, 1961-96
- 35 Canada, Employment, Salaries and Wages in the Mineral Industry, 1987-94
- 36 Canada, Employment, Salaries and Wages in the Mineral Manufacturing Industries, 1987-94
- 37 Canada, Number of Wage Earners Employed in the Non-Fuel Mineral Industry (Surface, Underground and Mill), 1987-94
- 38 Canada, Mine and Mill Workers, by Sex, Employed in the Non-Fuel Mineral Industry, 1994
- 39 Canada, Labour Costs for Metal Mines in Relation to Tonnes Mined, 1992-94
- 40 Canada, Person-Hours Paid for Production and Related Workers, and Tonnes of Ore Mined and Rock Quarried in Metal Mines and Other Mineral Operations, 1989-94
- 41 Canada, Average Weekly Wages and Hours Worked (Including Overtime) for Hourly Rated Employees in Mining, Manufacturing and Construction Industries, 1990-96

-
- 42 Canada, Number of Strikes and Lockouts by Industry, 1994-96
 - 43 Canada, Number of Strikes and Lockouts by Mining and Mineral Manufacturing Industries, 1994-96
 - 44 Canada, Mining Wages and Salaries by Province and by Mineral Class, 1993 and 1994

SECTION 7. MINING, EXPLORATION AND DRILLING

- 45 Canada, Source of Ores Hoisted or Removed From Selected Types of Mines, 1992-94
- 46 Canada, Source of Material Hoisted or Removed From Selected Types of Mines, 1994
- 47 Canada, Ore Mined and Rock Quarried in the Mining Industry, 1989-94
- 48 Canada, Exploration and Development Expenditures by Mining Companies by Province and Territory, 1994-97
- 49 Canada, Exploration, Development, Capital and Repair Expenditures in the Mining Industry by Type of Mining, 1994-97
- 50 Canada, Ore Mined and Rock Quarried in the Mining Industry, 1960-94

SECTION 8. TRANSPORTATION

- 51 Canada, Crude Minerals Transported by Canadian Railways, 1993-95
- 52 Canada, Fabricated Mineral Products Transported by Canadian Railways, 1993-95
- 53 Canada, Crude Minerals and Fabricated Mineral Products Transported by Canadian Railways, 1960-95
- 54 Canada, Crude Minerals Loaded and Unloaded in Coastwise Shipping, 1995
- 55 Canada, Fabricated Mineral Products Loaded and Unloaded in Coastwise Shipping, 1995
- 56 Canada, Crude Minerals and Fabricated Mineral Products Loaded at Canadian Ports in Coastwise Shipping, 1960-95
- 57 Canada, Crude Minerals Loaded and Unloaded at Canadian Ports in International Shipping Trade, 1993-95
- 58 Canada, Fabricated Mineral Products Loaded and Unloaded at Canadian Ports in International Shipping Trade, 1993-95
- 59 Canada, Crude Minerals and Fabricated Mineral Products Loaded at Canadian Ports in International Shipping Trade, 1960-95

SECTION 9. INVESTMENT AND FINANCE

- 60 Canada, Capital and Repair Expenditures by Selected Industrial Sector, 1994-97
- 61 Canada, Capital and Repair Expenditures in Mining by Province and Territory, 1994-97
- 62 Canada, Capital and Repair Expenditures in Mining and Mineral Manufacturing Industries, 1994-97
- 63 Canada, Capital and Repair Expenditures in the Mining Industry, Machinery and Equipment, and Construction, 1994-97
- 64 Canada, Capital and Repair Expenditures in the Mineral Manufacturing Industries, Machinery and Equipment, and Construction, 1994-97

CANADA, GENERAL ECONOMIC INDICATORS, 1987-96

| | | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|--|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Gross domestic product, current dollars | \$ millions | 551 597 | 605 906 | 650 748 | 669 467 | 676 477 | 690 122 | 712 855 | 747 260 | 776 299 | 797 789 |
| Gross domestic product, 1986 prices | \$ millions | 526 730 | 552 958 | 566 486 | 565 155 | 555 052 | 559 305 | 571 722 | 594 990 | 608 835 | 617 795 |
| Mining's gross domestic product (1986 prices) | \$ millions | 18 632 | 20 422 | 19 621 | 19 570 | 19 907 | 20 329 | 21 346 | 22 641 | 23 604 | 24 404 |
| Manufacturing's gross domestic product (1986 prices) | \$ millions | 90 967 | 95 600 | 96 454 | 92 857 | 86 285 | 87 422 | 91 581 | 98 584 | 102 339 | 103 643 |
| Industrial production's gross domestic product (1986 prices) | \$ millions | 126 226 | 132 919 | 132 729 | 128 318 | 122 910 | 124 291 | 129 904 | 138 962 | 143 694 | 146 153 |
| Value of manufacturing industry shipments | \$ millions | 272 037 | 297 692 | 308 987 | 299 195 | 280 504 | 286 307 | 309 963 | 352 893 | 390 029 | 401 235 |
| Value of mineral production | \$ millions | 36 361 | 36 955 | 39 333 | 40 778 | 35 190 | 35 584 | 36 545 | 41 185 | 43 361 | 49 172 |
| Merchandise exports | \$ millions | 126 340 | 137 779 | 141 514 | 145 555 | 140 233 | 155 402 | 181 251 | 217 936 | 253 821 | 268 203 |
| Merchandise imports | \$ millions | 115 119 | 128 862 | 135 455 | 136 859 | 136 617 | 149 201 | 171 928 | 203 000 | 225 431 | 233 026 |
| Balance of payments, current account | \$ millions | -15 643 | -21 114 | -26 948 | -25 224 | -27 038 | -25 895 | -28 794 | -22 170 | -11 202 | -1 685 |
| Corporation profits before taxes | \$ millions | 56 571 | 64 667 | 60 093 | 44 814 | 34 829 | 35 060 | 42 135 | 56 611 | 64 015 | 64 121 |
| Business investment, current dollars | \$ millions | 103 831 | 119 100 | 130 812 | 124 766 | 115 570 | 112 759 | 113 068 | 121 051 | 116 553 | 123 210 |
| Business investment, (1986 prices) | \$ millions | 99 693 | 110 794 | 117 153 | 111 492 | 107 005 | 105 202 | 105 761 | 111 969 | 111 305 | 120 008 |
| Population (at July 1) | 000 | 26 550 | 26 895 | 27 379 | 27 791 | 28 120 | 28 542 | 28 947 | 29 256 | 29 615 | 29 964 |
| Labour force | 000 | 13 011 | 13 275 | 13 503 | 13 681 | 13 757 | 14 482 | 14 663 | 14 832 | 14 928 | 15 145 |
| Employed | 000 | 11 861 | 12 245 | 12 486 | 12 572 | 12 340 | 12 842 | 13 015 | 13 292 | 13 506 | 13 676 |
| Unemployed | 000 | 1 150 | 1 031 | 1 018 | 1 109 | 1 417 | 1 640 | 1 649 | 1 541 | 1 422 | 1 469 |
| Unemployment rate | percent | 8.9 | 7.8 | 7.5 | 8.1 | 10.4 | 11.3 | 11.2 | 10.4 | 9.5 | 9.7 |
| Labour income | \$ millions | 295 691 | 324 412 | 349 848 | 368 090 | 387 296 | 390 741 | 393 934 | 404 904 | 417 882 | 430 316 |
| Consumer price index 1986 = 100 | | 104.4 | 108.6 | 114.0 | 119.5 | 126.2 | 128.1 | 130.4 | 130.7 | 133.5 | 135.6 |
| Canada-U.S. exchange rate | C\$/US\$ | 1.3260 | 1.2309 | 1.1842 | 1.1668 | 1.1457 | 1.2083 | 1.2898 | 1.3659 | 1.3726 | 1.3636 |

Sources: Statistics Canada, catalogue nos. 11-010, 11-210, 26-202 and 91-213-XPB; Bank of Canada.

Note: Data in this table are subject to revision.

TABLE 1. MINERAL PRODUCTION OF CANADA, 1994-96, AND AVERAGE, 1992-96

| | Unit | 1994 | | 1995 | | 1996P | | Average 1992-96 | | |
|---|--------------------|-------|------------|------------|------------|------------|------------|-----------------|------------|------------|
| | | (000) | (Quantity) | (\$000) | (Quantity) | (\$000) | (Quantity) | (\$000) | (Quantity) | (\$000) |
| METALS | | | | | | | | | | |
| Antimony | kg | | 540 | 2 894 | 574 | 3 959 | 1 405 | 6 303 | 776 | 3 214 |
| Bismuth | kg | | 129 | 1 196 | 159 | 1 815 | 157 | 1 688 | 156 | 1 384 |
| Cadmium | kg | | 1 500 | 5 166 | 1 686 | 9 383 | 1 587 | 5 976 | 1 466 | 5 076 |
| Calcium | kg | | x | x | x | x | x | x | 132 | 1 487 |
| Cesium, pollucite | kg | | x | x | x | x | x | x | 163 | 446 |
| Cobalt | kg | | 1 846 | 134 709 | 2 016 | 176 921 | 2 190 | 168 416 | 2 085 | 138 717 |
| Columbium (niobium) (Cb ₂ O ₅) | kg | | x | x | x | x | x | x | 2 874 | 28 822 |
| Copper | kg | | 590 783 | 1 909 644 | 700 842 | 2 818 090 | 655 891 | 2 037 198 | 683 772 | 2 139 787 |
| Gold | g | | 146 428 | 2 468 926 | 150 867 | 2 557 502 | 164 136 | 2 802 952 | 154 982 | 2 451 106 |
| Ilmenite | t | | x | x | x | x | x | x | 300 | 17 353 |
| Indium | g | | x | x | x | x | x | x | 34 643 | 9 761 |
| Iron ore | t | | 36 416 | 1 214 862 | 36 628 | 1 291 474 | 36 030 | 1 310 529 | 34 777 | 1 191 200 |
| Iron remelt | t | | x | x | x | x | x | x | 565 | 199 361 |
| Lead | kg | | 167 584 | 125 353 | 204 226 | 176 656 | 246 083 | 261 586 | 228 125 | 181 766 |
| Lithium | kg | | x | x | x | x | x | x | 1 429 | 6 794 |
| Magnesium | kg | | x | x | x | x | x | x | 5 015 | 24 117 |
| Molybdenum | kg | | 9 759 | 113 365 | 9 113 | 202 931 | 8 845 | 102 950 | 9 367 | 107 319 |
| Nickel | kg | | 141 974 | 1 229 354 | 172 107 | 2 031 727 | 184 548 | 1 958 243 | 170 942 | 1 588 121 |
| Platinum group | g | | 13 422 | 144 538 | 16 068 | 181 996 | 14 234 | 146 203 | 13 371 | 145 310 |
| Rhenium | kg | | x | x | x | x | x | x | 1 | 489 |
| Rubidium | kg | | x | x | x | x | x | x | 2 | 18 |
| Selenium | kg | | 566 | 5 857 | 561 | 8 317 | 670 | 6 871 | 537 | 6 591 |
| Silver | kg | | 740 | 171 767 | 1 245 | 285 136 | 1 228 | 280 517 | 1 052 | 214 591 |
| Tantalum (Ta ₂ O ₅) | kg | | 44 | 3 734 | 40 | 3 965 | 59 | 6 789 | 42 | 3 912 |
| Tellurium | kg | | 42 | 1 342 | 102 | 2 074 | 62 | 1 251 | 52 | 1 511 |
| Uranium (U) | kg | | 11 200 | 616 268 | 10 238 | 526 448 | 11 448 | 645 784 | 10 139 | 569 540 |
| Zinc | kg | | 976 308 | 1 330 709 | 1 094 701 | 1 549 004 | 1 187 828 | 1 652 270 | 1 089 060 | 1 510 538 |
| Total metals | | | | 9 749 519 | | 12 172 744 | | 11 752 573 | | 10 551 279 |
| NONMETALS | | | | | | | | | | |
| Asbestos | t | | 531 | 232 721 | 516 | 234 730 | 520 | 238 060 | 535 | 231 870 |
| Barite | t | | 65 | 4 907 | 61 | 6 556 | 61 | 7 021 | 52 | 4 932 |
| Gemstones | kg | | 1 212 | 1 032 | 459 | 1 420 | 336 | 886 | 975 | 990 |
| Graphite | t | | x | x | x | x | x | x | 23 | 16 430 |
| Gypsum | t | | 8 587 | 96 641 | 8 055 | 88 417 | 8 333 | 93 128 | 7 967 | 86 596 |
| Magnesitic dolomite | t | | x | x | x | x | x | x | 167 | 24 774 |
| Marl | t | | x | x | x | x | x | x | 1 | 14 |
| Mica | t | | x | x | x | x | x | x | 21 | 9 447 |
| Nepheline syenite | t | | 602 | 34 124 | 617 | 37 098 | 616 | 40 283 | 588 | 34 715 |
| Peat | t | | 914 | 133 345 | 886 | 139 154 | 783 | 128 853 | 848 | 129 399 |
| Potash (K ₂ O) | t | | 8 517 | 1 287 086 | 8 855 | 1 424 344 | 8 165 | 1 263 763 | 7 891 | 1 180 497 |
| Potassium sulphate | t | | x | x | x | x | x | x | 7 | 2 393 |
| Quartz | t | | 1 880 | 37 972 | 1 689 | 38 409 | 1 668 | 36 567 | 1 736 | 36 146 |
| Salt | t | | 12 244 | 300 723 | 10 957 | 270 369 | 12 289 | 316 235 | 11 514 | 286 765 |
| Serpentine | t | | x | x | x | x | x | x | 3 | 443 |
| Soapstone, talc and pyrophyllite | t | | 126 | 16 722 | 108 | 16 243 | 75 | 14 896 | 107 | 14 876 |
| Sodium sulphate | t | | 317 | 25 196 | 315 | 25 377 | 323 | 26 962 | 311 | 24 623 |
| Sulphur in smelter gas | t | | 805 | 44 832 | 886 | 62 577 | 883 | 66 949 | 830 | 71 983 |
| Sulphur, elemental | t | | 7 900 | 121 020 | 7 846 | 187 685 | 8 131 | 95 607 | 7 566 | 108 782 |
| Titanium dioxide | t | | x | x | x | x | x | x | 617 | 262 279 |
| Tremolite | t | | x | x | x | x | x | x | ... | 54 |
| Zeolite | t | | x | x | x | x | x | x | ... | 105 |
| Total nonmetals | | | | 2 648 122 | | 2 906 085 | | 2 700 203 | | 2 528 155 |
| MINERAL FUELS | | | | | | | | | | |
| Coal | t | | 72 824 | 1 811 650 | 74 920 | 1 834 630 | 75 950 | 1 943 120 | 71 667 | 1 805 260 |
| Natural gas | 000 m ³ | | 138 856 | 9 428 640 | 148 202 | 6 830 779 | 152 985 | 8 718 944 | 137 105 | 7 637 524 |
| Natural gas by-products | m ³ | | 22 666 | 1 623 509 | 25 040 | 1 772 424 | 25 882 | 2 456 504 | 26 097 | 2 230 551 |
| Crude oil and equivalent | m ³ | | 110 451 | 13 379 045 | 114 372 | 15 321 005 | 116 832 | 19 008 526 | 68 331 | 9 541 715 |
| Total fuels | | | | 26 242 844 | | 25 758 838 | | 32 127 094 | | 25 648 804 |
| STRUCTURAL MATERIALS | | | | | | | | | | |
| Clay products | \$ | | - | 113 924 | - | 95 634 | - | 117 148 | - | 108 595 |
| Cement | t | | 10 584 | 838 130 | 10 440 | 842 492 | 11 050 | 931 499 | 10 012 | 803 727 |
| Lime | t | | 2 449 | 200 347 | 2 462 | 206 933 | 2 490 | 212 301 | 2 433 | 201 676 |
| Sand and gravel | t | | 245 398 | 832 134 | 225 991 | 793 489 | 217 898 | 778 340 | 232 519 | 779 159 |
| Stone | t | | 92 502 | 559 890 | 98 578 | 591 255 | 86 057 | 552 644 | 91 169 | 549 250 |
| Total structural materials | | | | 2 544 425 | | 2 529 804 | | 2 591 932 | | 2 442 406 |
| Total all minerals | | | | 41 184 910 | | 43 367 470 | | 49 171 802 | | 41 170 645 |

Sources: Natural Resources Canada; Statistics Canada.

- Nil; . . . Amount too small to be expressed; P Preliminary; 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, 1971-96

| | Metals | Nonmetals | Structurals | Fuels | Total | Per Capita Value of Mineral Production | Population of Canada |
|-------------------|---------------|-----------|-------------|--------|--------|---|-------------------------|
| | (\$ millions) | | | | | (\$) | (000) |
| 1971 | 3 009 | 501 | 507 | 2 014 | 6 031 | 273.81 | 22 026 |
| 1972 | 3 037 | 514 | 571 | 2 368 | 6 490 | 291.23 | 22 285 |
| 1973 | 3 947 | 615 | 678 | 3 227 | 8 467 | 375.31 | 22 560 |
| 1974 | 4 934 | 896 | 835 | 5 202 | 11 867 | 518.78 | 22 875 |
| 1975 | 5 022 | 939 | 959 | 6 653 | 13 574 | 584.86 | 23 209 |
| 1976 | 5 344 | 1 166 | 1 107 | 8 109 | 15 726 | 668.88 | 23 518 |
| 1977 | 6 031 | 1 363 | 1 249 | 9 873 | 18 516 | 778.11 | 23 796 |
| 1978 | 5 746 | 1 481 | 1 508 | 11 578 | 20 313 | 845.11 | 24 036 |
| 1979 | 8 006 | 1 870 | 1 646 | 15 117 | 26 638 | 1 097.25 | 24 277 |
| 1980 | 9 777 | 2 531 | 1 624 | 17 944 | 31 875 | 1 296.10 | 24 593 |
| 1981 | 8 841 | 2 714 | 1 777 | 19 046 | 32 378 | 1 300.32 | 24 900 |
| 1982 | 6 953 | 2 105 | 1 736 | 23 038 | 33 831 | 1 342.39 | 25 202 |
| 1983 | 7 528 | 2 021 | 1 836 | 27 154 | 38 539 | 1 513.95 | 25 456 |
| 1984 | 8 897 | 2 538 | 1 955 | 30 399 | 43 789 | 1 703.72 | 25 702 |
| 1985 | 8 745 | 2 736 | 2 128 | 31 120 | 44 730 | 1 724.23 | 25 942 |
| 1986 | 8 819 | 2 523 | 2 341 | 18 763 | 32 446 | 1 238.21 | 26 204 |
| 1987 | 10 962 | 2 381 | 2 744 | 20 274 | 36 361 | 1 369.53 | 26 550 |
| 1988 | 13 608 | 2 757 | 2 817 | 17 773 | 36 955 | 1 374.05 | 26 895 |
| 1989 | 13 982 | 2 706 | 2 860 | 19 785 | 39 333 | 1 436.61 | 27 379 |
| 1990 | 12 500 | 2 529 | 2 760 | 22 990 | 40 778 | 1 467.31 | 27 791 |
| 1991 | 10 462 | 2 407 | 2 376 | 19 945 | 35 190 | 1 251.42 | 28 120 |
| 1992 | 10 210 | 2 239 | 2 234 | 20 901 | 35 584 | 1 246.72 | 28 542 |
| 1993 | 8 871 | 2 147 | 2 312 | 23 214 | 36 545 | 1 262.48 | 28 947 |
| 1994 | 9 750 | 2 648 | 2 544 | 26 243 | 41 185 | 1 407.75 | 29 256 |
| 1995 | 12 173 | 2 906 | 2 530 | 25 759 | 43 367 | 1 464.36 | 29 615 |
| 1996 ^p | 11 753 | 2 700 | 2 592 | 32 127 | 49 172 | 1 641.04 | 29 964 |

Sources: Natural Resources Canada; Statistics Canada.

^p Preliminary.

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, 1996P

| | Metals | | Industrial Minerals | | Mineral Fuels | | Total | |
|-----------------------|------------|--------------|---------------------|--------------|---------------|--------------|------------|--------------|
| | (\$000) | (% of total) | (\$000) | (% of total) | (\$000) | (% of total) | (\$000) | (% of total) |
| Alberta | 348 | ... | 486 442 | 9.2 | 25 552 617 | 79.5 | 26 039 407 | 53.0 |
| Ontario | 4 140 785 | 35.2 | 1 420 722 | 26.8 | 82 105 | 0.3 | 5 643 612 | 11.5 |
| Saskatchewan | 642 771 | 5.5 | 1 141 958 | 21.6 | 3 430 739 | 10.7 | 5 215 467 | 10.6 |
| British Columbia | 1 526 486 | 13.0 | 462 893 | 8.7 | 2 258 839 | 7.0 | 4 248 218 | 8.6 |
| Quebec | 2 183 670 | 18.6 | 1 136 326 | 21.5 | — | — | 3 319 996 | 6.8 |
| Manitoba | 843 816 | 7.2 | 68 583 | 1.3 | 111 511 | 0.3 | 1 023 909 | 2.1 |
| Newfoundland | 902 957 | 7.7 | 31 138 | 0.6 | — | 0.0 | 934 095 | 1.9 |
| New Brunswick | 589 917 | 5.0 | 310 531 | 5.9 | 24 310 | 0.1 | 924 758 | 1.9 |
| Northwest Territories | 521 496 | 4.4 | 20 489 | 0.4 | 256 419 | 0.8 | 798 403 | 1.6 |
| Nova Scotia | — | — | 205 899 | 3.9 | 391 573 | 1.2 | 597 472 | 1.2 |
| Yukon | 400 328 | 3.4 | 3 760 | 0.1 | 18 981 | 0.1 | 423 069 | 0.0 |
| Prince Edward Island | — | — | 3 395 | 0.1 | — | — | 3 395 | ... |
| Total | 11 752 573 | 100.0 | 5 292 136 | 100.0 | 32 127 094 | 100.0 | 49 171 802 | 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, 1995

| | Metals | | Industrial Minerals | | Mineral Fuels | | Total | |
|-----------------------|------------|--------------|---------------------|--------------|---------------|--------------|------------|--------------|
| | (\$000) | (% of total) | (\$000) | (% of total) | (\$000) | (% of total) | (\$000) | (% of total) |
| Alberta | 348 | ... | 541 052 | 10.0 | 20 134 332 | 78.2 | 20 675 732 | 47.7 |
| Ontario | 4 416 082 | 36.3 | 1 326 552 | 24.4 | 82 492 | 0.3 | 5 825 126 | 13.4 |
| Saskatchewan | 483 705 | 4.0 | 1 293 615 | 23.8 | 2 803 072 | 10.9 | 4 580 392 | 10.6 |
| British Columbia | 2 016 378 | 16.6 | 453 354 | 8.3 | 2 031 557 | 7.9 | 4 501 289 | 10.4 |
| Quebec | 2 178 081 | 17.9 | 1 159 925 | 21.3 | — | — | 3 338 006 | 7.7 |
| Manitoba | 857 774 | 7.0 | 73 501 | 1.4 | 90 728 | 0.4 | 1 022 003 | 2.4 |
| New Brunswick | 670 695 | 5.5 | 325 569 | 6.0 | 24 410 | 0.1 | 1 020 674 | 2.4 |
| Newfoundland | 846 407 | 7.0 | 31 891 | 0.6 | — | 0.0 | 878 299 | 2.0 |
| Northwest Territories | 530 745 | 4.4 | 20 487 | 0.4 | 215 061 | 0.8 | 766 293 | 1.8 |
| Nova Scotia | — | — | 202 154 | 3.7 | 357 607 | 1.4 | 559 761 | 1.3 |
| Yukon | 172 530 | 1.4 | 3 900 | 0.1 | 19 579 | 0.1 | 196 009 | 0.5 |
| Prince Edward Island | — | — | 3 887 | 0.1 | — | — | 3 887 | ... |
| Total | 12 172 744 | 100.0 | 5 435 889 | 100.0 | 25 758 838 | 100.0 | 43 367 470 | 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, 1989-96

| | 1989 | 1990 | 1991 | 1992 ^r | 1993 | 1994 | 1995 | 1996 ^P |
|-----------------------|---------------|---------------|---------------|-------------------|---------------|---------------|---------------|-------------------|
| | (\$ millions) | | | | | | | |
| Alberta | 16 456 | 19 111 | 16 373 | 17 056 | 18 925 | 21 119 | 20 676 | 26 039 |
| Ontario | 7 308 | 6 446 | 5 101 | 4 776 | 4 534 | 4 921 | 5 825 | 5 644 |
| Saskatchewan | 3 017 | 3 183 | 2 863 | 3 158 | 3 238 | 4 225 | 4 580 | 5 215 |
| British Columbia | 4 123 | 3 954 | 3 840 | 3 500 | 3 538 | 4 066 | 4 501 | 4 248 |
| Quebec | 2 878 | 3 037 | 2 930 | 2 694 | 2 692 | 2 956 | 3 338 | 3 320 |
| Manitoba | 1 668 | 1 311 | 1 125 | 1 082 | 862 | 820 | 1 022 | 1 024 |
| Newfoundland | 859 | 878 | 671 | 706 | 699 | 837 | 878 | 934 |
| New Brunswick | 897 | 866 | 772 | 910 | 772 | 862 | 1 021 | 925 |
| Northwest Territories | 1 149 | 988 | 703 | 681 | 585 | 680 | 766 | 798 |
| Nova Scotia | 442 | 459 | 460 | 523 | 554 | 608 | 560 | 597 |
| Yukon | 534 | 542 | 349 | 496 | 141 | 86 | 196 | 423 |
| Prince Edward Island | 2 | 3 | 3 | 2 | 4 | 3 | 4 | 3 |
| Total | 39 333 | 40 778 | 35 190 | 35 584 | 36 545 | 41 185 | 43 367 | 49 172 |

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, 1995 AND 1996

| | | Volume | | Percent Change 1996/1995 | Value | | Percent Change 1996/1995 |
|-----------------------------|------------------------|------------------------------------|-------------------|--------------------------------|---------------|-------------------|--------------------------------|
| | | 1995 | 1996 ^P | | 1995 | 1996 ^P | |
| | | (000 tonnes except where noted) | | | (\$ millions) | | |
| METALS | | | | | | | |
| Gold | kg | 150 867.3 | 164 136.1 | 8.8 | 2 557.5 | 2 802.9 | 9.6 |
| Copper | | 700 .8 | 655.8 | -6.4 | 2 818.0 | 2 037.1 | -27.7 |
| Nickel | | 172.1 | 184.5 | 7.2 | 2 031.7 | 1 958.2 | -3.6 |
| Zinc | | 1 094.7 | 1 187.8 | 8.5 | 1 549.0 | 1 652.2 | 6.7 |
| Iron ore | | 36.6 | 36.0 | -1.6 | 1 291.4 | 1 310.5 | 1.5 |
| Uranium | tU | 10 238.2 | 11 447.9 | 11.8 | 526.4 | 645.7 | 22.7 |
| Silver | t | 1 244.6 | 1 228.1 | -1.3 | 285.1 | 280.5 | -1.6 |
| Lead | | 204.2 | 246.0 | 20.5 | 176.6 | 261.5 | 48.1 |
| Cobalt | t | 2 016.5 | 2 190.3 | 8.6 | 176.9 | 168.4 | -4.8 |
| NONMETALS | | | | | | | |
| Potash (K ₂ O) | | 8 854.7 | 8 164.8 | -7.8 | 1 424.3 | 1 263.7 | -11.3 |
| Salt | | 10 957.4 | 12 288.9 | 12.2 | 270.3 | 316.2 | 17.0 |
| Asbestos | | 515.6 | 520.5 | 1.0 | 234.7 | 238.0 | 1.4 |
| Peat | | 885.5 | 782.9 | -11.6 | 139.1 | 128.8 | -7.4 |
| Sulphur, elemental | | 7 846.4 | 8 131.0 | 3.6 | 187.6 | 95.6 | -49.1 |
| STRUCTURAL MATERIALS | | | | | | | |
| Cement | | 10 440.3 | 11 050.0 | 5.8 | 842.4 | 931.4 | 10.6 |
| Sand and gravel | | 225 991.6 | 217 898.0 | -3.6 | 793.4 | 778.3 | -1.9 |
| Stone | | 98 577.9 | 86 057.5 | -12.7 | 591.2 | 552.6 | -6.5 |
| Lime | | 2 461.7 | 2 490.5 | 1.2 | 206.9 | 212.3 | 2.6 |
| Clay products | | .. | .. | .. | 95.6 | 117.1 | 22.5 |
| MINERAL FUELS | | | | | | | |
| Crude oil and equivalent | 000 m ³ | 114 372.1 | 116 831.7 | 2.2 | 15 321.0 | 19 008.5 | 24.1 |
| Natural gas | million m ³ | 148 202.6 | 152 985.1 | 3.2 | 6 830.7 | 8 718.9 | 27.6 |
| Natural gas by-products | 000 m ³ | 25 040.3 | 25 881.9 | 3.4 | 1 772.4 | 2 456.5 | 38.6 |
| Coal | | 74 920.0 | 75 950.0 | 1.4 | 1 834.6 | 1 943.1 | 5.9 |

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, 1996P

| | Unit | 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 | - | - | 1 114 | - | - | 271 | 623 | 20 423 | 89 979 | 2 676 | - | 1 746 | 116 832 |
| | \$ | - | - | 208 773 | - | - | 50 135 | 111 400 | 2 991 144 | 14 956 738 | 443 042 | - | 247 294 | 19 008 526 |
| Natural gas | 000 m ³ | - | - | - | - | - | 315 | - | 6 420 | 126 992 | 18 752 | 335 | 171 | 152 985 |
| | \$ | - | - | - | - | - | 31 970 | - | 312 671 | 7 638 216 | 707 981 | 18 981 | 9 125 | 8 718 944 |
| Gold | g | 2 821 | - | - | 222 | 41 787 | 74 273 | 6 134 | 3 109 | 20 | 17 824 | 4 500 | 13 447 | 164 137 |
| | \$ | 48 165 | - | - | 3 790 | 713 600 | 1 268 377 | 104 743 | 53 099 | 348 | 304 344 | 76 855 | 229 632 | 2 802 953 |
| Natural gas by-products | m ³ | - | - | - | - | - | - | 1 | 99 | 25 192 | 590 | - | - | 25 882 |
| | \$ | - | - | - | - | - | - | 111 | 10 744 | 2 380 463 | 65 186 | - | - | 2 456 504 |
| Copper | kg | 5 175 | - | - | 13 243 | 127 536 | 221 721 | 56 094 | - | - | 232 119 | - | - | 655 888 |
| | \$ | 16 073 | - | - | 41 133 | 396 127 | 688 669 | 174 228 | - | - | 720 969 | - | - | 2 037 199 |
| Nickel | kg | - | - | - | - | - | 148 819 | 35 731 | - | - | - | - | - | 184 550 |
| | \$ | - | - | - | - | - | 1 579 105 | 379 139 | - | - | - | - | - | 1 958 244 |
| Coal | t | - | - | 3 050 | 280 | - | - | - | 10 890 | 36 190 | 25 540 | - | - | 75 950 |
| | \$ | - | - | 182 800 | 24 310 | - | - | - | 116 180 | 577 200 | 1 042 630 | - | - | 1 943 120 |
| Zinc | kg | - | - | - | 291 860 | 200 290 | 120 028 | 88 778 | - | - | 157 521 | 145 335 | 184 018 | 1 187 830 |
| | \$ | - | - | - | 405 977 | 278 603 | 166 959 | 123 490 | - | - | 219 111 | 202 160 | 255 969 | 1 652 269 |
| Iron ore | t | 20 709 | - | - | - | 14 856 | 377 | - | - | - | 89 | - | - | 36 031 |
| | \$ | 838 402 | - | - | - | x | x | - | - | - | 2 011 | - | - | 1 310 529 |
| Potash (K ₂ O) | t | - | - | - | x | - | - | - | x | - | - | - | - | 8 165 |
| | \$ | - | - | - | x | - | - | - | x | - | - | - | - | 1 263 762 |
| Cement | t | x | - | x | - | 2 475 | 4 531 | - | - | x | 1 808 | - | - | 11 048 |
| | \$ | x | - | x | - | 187 474 | 327 116 | - | - | x | 180 016 | - | - | 931 499 |
| Sand and gravel | t | 1 981 | 306 | 3 331 | 4 551 | 22 824 | 90 798 | 11 206 | 8 427 | 31 700 | 37 778 | 1 080 | 3 921 | 217 903 |
| | \$ | 10 666 | 1 333 | 12 712 | x | 71 296 | 323 382 | x | x | 113 854 | 158 950 | 3 760 | 16 051 | 778 344 |
| Uranium (U) | kg | - | - | - | - | - | 406 | - | 11 042 | - | - | - | - | 11 448 |
| | \$ | - | - | - | - | - | x | - | x | - | - | - | - | 645 784 |
| Stone | t | 1 094 | - | 6 086 | 3 597 | 28 510 | 35 525 | 2 951 | - | 371 | 7 281 | - | 651 | 86 066 |
| | \$ | 11 362 | - | 36 155 | 20 036 | 172 092 | 241 713 | 11 940 | - | 4 898 | 50 020 | - | 4 439 | 552 655 |
| Salt | t | - | - | x | x | x | 8 327 | - | 764 | 1 433 | - | - | - | 12 286 |
| | \$ | - | - | x | x | x | 215 344 | - | 28 940 | 16 836 | - | - | - | 316 236 |
| Titanium dioxide | t | - | - | - | - | x | - | - | - | - | - | - | - | x |
| | \$ | - | - | - | - | x | - | - | - | - | - | - | - | x |
| Silver | kg | 1 | - | - | 236 | 155 | 180 | x | x | - | 478 | 112 | 22 | 1 221 |
| | \$ | 318 | - | - | 58 830 | 35 674 | 41 856 | x | x | - | 109 612 | 25 621 | 5 176 | 280 510 |
| Lead | kg | - | - | - | 73 733 | - | - | - | - | - | 53 431 | 90 019 | 28 899 | 246 082 |
| | \$ | - | - | - | 78 377 | - | - | - | - | - | 56 798 | 95 691 | 30 720 | 261 586 |
| Asbestos | t | 2 | - | - | - | 519 | - | - | - | - | - | - | - | 521 |
| | \$ | 380 | - | - | - | 237 680 | - | - | - | - | - | - | - | 238 060 |
| Iron, remelt | t | - | - | - | - | x | - | - | - | - | - | - | - | x |
| | \$ | - | - | - | - | x | - | - | - | - | - | - | - | x |
| Lime | t | - | - | - | x | x | 1 330 | x | - | 228 | x | - | - | 2 493 |
| | \$ | - | - | - | x | x | 107 128 | x | - | 22 553 | x | - | - | 212 301 |
| Cobalt | kg | - | - | - | - | - | 1 817 | 373 | - | - | - | - | - | 2 190 |
| | \$ | - | - | - | - | - | 139 707 | 28 709 | - | - | - | - | - | 168 416 |
| Platinum group | g | - | - | - | - | - | x | x | - | - | - | - | - | 14 234 |
| | \$ | - | - | - | - | - | x | x | - | - | - | - | - | 146 203 |
| Peat | t | 2 | 19 | x | 311 | 241 | x | x | x | 103 | - | - | - | 789 |
| | \$ | 320 | 2 062 | x | 39 849 | 46 371 | x | x | x | 22 371 | - | - | - | 128 854 |
| Clay products | \$ | x | - | x | - | x | 82 444 | - | x | x | x | - | - | 117 148 |
| Total leading minerals | \$ | 933 873 | 3 395 | 523 745 | 910 526 | 3 195 744 | 5 472 704 | 1 005 087 | 5 183 663 | 25 938 646 | 4 090 788 | 423 068 | 798 406 | 48 479 646 |
| Total all minerals | \$ | 934 097 | 3 395 | 597 474 | 924 759 | 3 319 997 | 5 643 617 | 1 023 910 | 5 215 466 | 26 039 408 | 4 248 220 | 423 068 | 798 406 | 49 171 817 |
| Leading minerals as % of all minerals | | 100.0 | 100.0 | 87.7 | 98.5 | 96.3 | 97.0 | 98.2 | 99.4 | 99.6 | 96.3 | 100.0 | 100.0 | 98.6 |

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, 1995

| | Unit | 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 | - | - | 1 241 | - | - | 285 | 644 | 18 777 | 89 145 | 2 438 | - | 1 842 | 114 372 |
| | \$ | - | - | 197 087 | - | - | 40 307 | 90 421 | 2 326 854 | 12 132 100 | 328 599 | - | 205 638 | 15 321 005 |
| Natural gas | 000 m ³ | - | - | - | - | - | 456 | - | 6 996 | 121 908 | 18 318 | 345 | 180 | 148 203 |
| | \$ | - | - | - | - | - | 42 185 | - | 351 404 | 5 722 380 | 685 807 | 19 579 | 9 424 | 6 830 779 |
| Copper | kg | 1 248 | - | - | 13 510 | 114 091 | 251 265 | 42 401 | - | - | 278 329 | - | - | 700 844 |
| | \$ | 5 015 | - | - | 54 323 | 458 758 | 1 010 338 | 170 494 | - | - | 1 119 164 | - | - | 2 818 092 |
| Gold | g | 2 685 | - | - | 252 | 40 284 | 62 864 | 3 479 | 2 763 | 21 | 19 327 | 4 793 | 14 401 | 150 869 |
| | \$ | 45 516 | - | - | 4 267 | 682 912 | 1 065 682 | 58 974 | 46 829 | 348 | 327 600 | 81 239 | 244 136 | 2 557 504 |
| Nickel | kg | - | - | - | - | - | 133 864 | 38 243 | - | - | - | - | - | 172 107 |
| | \$ | - | - | - | - | - | 1 580 269 | 451 459 | - | - | - | - | - | 2 031 728 |
| Coal | t | - | - | 2 450 | 260 | - | - | - | 10 740 | 37 120 | 24 350 | - | - | 74 920 |
| | \$ | - | - | 160 520 | 24 410 | - | - | - | 116 200 | 565 230 | 968 270 | - | - | 1 834 630 |
| Natural gas by-products | m ³ | - | - | - | - | - | - | 4 | 99 | 24 379 | 559 | - | - | 25 041 |
| | \$ | - | - | - | - | - | - | 307 | 8 614 | 1 714 622 | 48 881 | - | - | 1 772 424 |
| Zinc | kg | - | - | - | 330 760 | 171 578 | 155 523 | 78 478 | - | - | 135 912 | 42 293 | 180 158 | 1 094 702 |
| | \$ | - | - | - | 468 025 | 242 782 | 220 064 | 111 047 | - | - | 192 315 | 59 844 | 254 925 | 1 549 001 |
| Potash (K ₂ O) | t | - | - | - | x | - | - | - | x | - | - | - | - | - |
| | \$ | - | - | - | x | - | - | - | x | - | - | - | - | - |
| Iron ore | t | 19 969 | - | - | - | 15 990 | 586 | - | - | - | 83 | - | - | 36 628 |
| | \$ | 795 839 | - | - | - | x | x | - | - | - | 1887 | - | - | - |
| Cement | t | x | - | x | - | 2 526 | 4 183 | - | - | - | x | - | - | - |
| | \$ | x | - | x | - | 172 687 | 294 486 | - | - | - | x | - | - | - |
| Sand and gravel | t | 2 182 | 341 | 3 438 | 5 374 | 29 111 | 90 745 | 11 179 | 8 314 | 31 211 | 39 024 | 1 120 | 3 960 | 225 999 |
| | \$ | 12 028 | 1 621 | 13 509 | x | 82 736 | 322 255 | x | x | 112 700 | 158 191 | 3 900 | 16 040 | - |
| Stone | t | 1 097 | - | 7 234 | 3 891 | 32 807 | 41 684 | 3 551 | - | 468 | 7 202 | - | 650 | 98 584 |
| | \$ | 9 810 | - | 39 256 | 22 153 | 197 727 | 252 409 | 15 020 | - | 4 494 | 45 941 | - | 4 448 | 591 258 |
| Uranium (U) | kg | - | - | - | - | - | 647 | - | 9 591 | - | - | - | - | 10 238 |
| | \$ | - | - | - | - | - | x | - | x | - | - | - | - | - |
| Titanium dioxide | t | - | - | - | - | x | - | - | - | - | - | - | - | x |
| | \$ | - | - | - | - | x | - | - | - | - | - | - | - | x |
| Silver | kg | . . . | - | - | 286 | 163 | 238 | x | x | - | 461 | 35 | 20 | - |
| | \$ | 38 | - | - | 65 364 | 37 996 | 55 263 | x | x | - | 105 901 | 8 032 | 4 473 | - |
| Salt | t | - | - | x | x | x | 6 786 | - | 703 | 1 377 | - | - | - | - |
| | \$ | - | - | x | x | x | 167 265 | - | 26 918 | 16 642 | - | - | - | - |
| Asbestos | t | 4 | - | - | - | 511 | - | - | - | - | - | - | - | 515 |
| | \$ | 983 | - | - | - | 233 747 | - | - | - | - | - | - | - | 234 730 |
| Iron, remelt | t | - | - | - | - | x | - | - | - | - | - | - | - | x |
| | \$ | - | - | - | - | x | - | - | - | - | - | - | - | x |
| Lime | t | - | - | - | x | x | 1 383 | x | - | 210 | x | - | - | - |
| | \$ | - | - | - | x | x | 110 138 | x | - | 21 015 | x | - | - | - |
| Molybdenum | kg | - | - | - | - | - | - | - | - | - | 9 112 | - | - | 9 112 |
| | \$ | - | - | - | - | - | - | - | - | - | 202 932 | - | - | 202 932 |
| Sulphur, elemental | t | - | - | x | - | - | x | x | 172 | 6 831 | x | - | - | - |
| | \$ | - | - | x | - | - | x | x | 1 735 | 171 110 | x | - | - | - |
| Platinum group | g | - | - | - | - | - | x | x | - | - | - | - | - | - |
| | \$ | - | - | - | - | - | x | x | - | - | - | - | - | - |
| Cobalt | kg | - | - | - | - | - | 1 602 | 414 | - | - | - | - | - | 2 016 |
| | \$ | - | - | - | - | - | 140 516 | 36 405 | - | - | - | - | - | 176 921 |
| Lead | kg | - | - | - | 86 418 | - | - | - | - | - | 59 283 | 27 068 | 31 459 | 204 228 |
| | \$ | - | - | - | 74 751 | - | - | - | - | - | 51 279 | 23 414 | 27 212 | 176 656 |
| Total leading minerals | \$ | 876 392 | 1 621 | 484 580 | 962 373 | 3 169 205 | 5 585 956 | 996 152 | 5 183 663 | 20 636 852 | 4 433 204 | 196 008 | 766 295 | 42 651 245 |
| Total all minerals | \$ | 878 299 | 3 888 | 559 760 | 1 020 674 | 3 338 010 | 5 825 126 | 1 022 003 | 4 580 393 | 20 675 734 | 4 501 288 | 196 008 | 766 295 | 43 367 478 |
| Leading minerals as % of all minerals | | 99.8 | 41.7 | 86.6 | 94.3 | 94.9 | 95.9 | 97.5 | 99.2 | 99.8 | 98.5 | 100.0 | 100.0 | 98.3 |

Sources: Natural Resources Canada; Statistics Canada.

- Nil; . . . Amount too small to be expressed; 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 7. PRODUCTION OF CANADA'S TEN LEADING¹ MINERAL COMMODITIES, 1989-96

| | Unit of Measure | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 ^r | 1996 ^p |
|---------------------------|--------------------|-----------|-----------|-----------|-----------|---------------------|---------|-------------------|-------------------|
| | (000) | | | | | | | | |
| Petroleum, crude | m ³ | 90 641 | 90 279 | 89 788 | 93 256 | 97 306 ^r | 110 452 | 114 372 | 116 832 |
| Natural gas | 000 m ³ | 96 117 | 98 771 | 105 244 | 116 664 | 128 817 | 138 856 | 148 202 | 152 985 |
| Gold | g | 159 494 | 167 373 | 175 282 | 160 351 | 153 129 | 146 428 | 150 867 | 164 136 |
| Natural gas by-products | m ³ | 23 055 | 23 863 | 24 919 | 26 735 | 30 163 ^r | 22 666 | 25 040 | 25 882 |
| Copper | kg | 704 432 | 771 433 | 780 362 | 761 694 | 709 650 | 590 784 | 700 843 | 655 891 |
| Nickel | kg | 195 554 | 195 004 | 188 098 | 177 555 | 178 529 | 141 974 | 172 107 | 184 548 |
| Coal | t | 70 527 | 68 332 | 71 133 | 65 612 | 69 029 | 72 824 | 74 920 | 75 950 |
| Zinc | kg | 1 272 854 | 1 179 372 | 1 083 008 | 1 195 736 | 990 727 | 976 309 | 1 094 702 | 1 187 829 |
| Iron ore | t | 39 445 | 35 670 | 35 421 | 31 582 | 33 228 | 36 416 | 36 627 | 36 030 |
| Potash (K ₂ O) | t | 7 014 | 7 345 | 7 087 | 7 040 | 6 880 | 8 517 | 8 855 | 8 165 |

Sources: Natural Resources Canada; Statistics Canada.

P Preliminary; r Revised.

1 Based on contribution in 1996 to value of mineral production.

TABLE 8. CANADA'S WORLD ROLE AS A PRODUCER OF CERTAIN IMPORTANT MINERALS, 1995^p

| | World | Rank of Five Leading Countries | | | | | |
|--|---------------------------|--------------------------------|--|--------------------------------|--------------------------------|---|-------------------------------|
| | | 1 | 2 | 3 | 4 | 5 | |
| Potash (K ₂ O equivalent) (mine production) | 000 t % of world total | 24 231 | Canada 9 066 37.4 | C.I.S. 5 605 23.1 | Germany 3 278 13.5 | United States 1 480 6.1 | Israel 1 326 5.5 |
| Uranium (U concentrates) (mine production) | t % of world total | 33 573 | Canada 10 426 ^a 31.1 | FSU 8 000 23.8 | Niger 2 965 8.8 | United States 2 324 6.9 | Australia 2 200 6.6 |
| Zinc (mine production) | 000 t % of world total | 6 983 | Canada 1 121 16.1 | China 930 13.3 | Australia 930 13.3 | Peru 689 9.9 | United States 678 9.7 |
| Sulphur, elemental (mine production) | 000 t % of world total | 37 371 | United States 10 400 27.8 | Canada 7 846 21.0 | CIS 3 754 10.0 | Poland 2 349 6.3 | Saudi Arabia 1 720 4.6 |
| Asbestos (mine production) | 000 t % of world total | 2 317 | C.I.S. 1 000 43.2 | Canada 524 22.6 | China 250 10.8 | Brazil 180 7.8 | Zimbabwe 145 6.3 |
| Nickel (mine production) | 000 t % of world total | 1 014 | Russia 251 24.8 | Canada 182 17.9 | New Caledonia 121 11.9 | Australia 104 10.3 | Indonesia 87 8.6 |
| Cadmium (refined production) | t % of world total | 19 297 | Japan 2 652 13.7 | Canada 2 349 12.2 | Belgium 1 710 8.9 | China 1 296 6.7 | United States 1 266 6.6 |
| Aluminum (primary metal) | 000 t % of world total | 19 701 | United States 3 375 17.1 | Russia 2 790 14.2 | Canada 2 172 11.0 | China 1 658 8.4 | Australia 1 293 6.6 |
| Copper (mine production) | 000 t % of world total | 10 061 | Chile 2 488 24.7 | United States 1 852 18.4 | Canada 726 7.2 | Russia 536 5.3 | Indonesia 460 4.6 |
| Platinum group metals (mine production) | kg % of world total | 287 093 | South Africa 189 200 65.9 | Russia 69 600 24.2 | Canada 16 963 5.9 | United States 6 900 2.4 | Japan 2 580 0.9 |
| Salt (mine production) | 000 t % of world total | 188 982 | United States 42 100 22.3 | China 25 000 13.2 | Canada 10 875 5.8 | Germany 10 800 5.7 | India 9 500 5.0 |
| Titanium concentrates (ilmenite, rutile, slag) | 000 t % of world total | 5 932 ^e | Australia 2 210 37.3 | South Africa 1 080 18.2 | Norway 830 14.0 | Canada 815 ^e 13.7 | India 300 5.1 |
| Cobalt (shipments) | t % of world total | 20 608 | FSU 5 000 24.3 | Zaire 3 981 19.3 | Zambia 2 800 13.6 | Canada 2 016 9.8 | Cuba 1 561 7.6 |
| Silver | t % of world total | 13 955 | Mexico 2 324 16.7 | Peru 1 908 13.7 | United States 1 450 10.4 | Canada 1 285 9.2 | Chile 1 041 7.5 |
| Gypsum (mine production) | 000 t % of world total | 98 607 | United States 16 600 16.8 | China 11 000 11.2 | Thailand 8 533 8.7 | Canada 8 463 8.6 | Iran 8 230 8.3 |
| Molybdenum (Mo content) (mine production) | t % of world total | 116 922 | United States 59 000 50.5 | China 18 000 15.4 | Chile 16 000 13.7 | Canada 9 522 8.1 | Russia 4 500 3.8 |
| Gold (mine production) | t % of world total | 2 156 | South Africa 524 24.3 | United States 312 14.5 | Australia 253 11.7 | Canada 152 7.1 | China 141 6.5 |
| Lead (mine production) | 000 t % of world total | 2 679 | Australia 455 17.0 | China 420 15.7 | United States 394 14.7 | Peru 233 8.7 | Canada 210 7.9 |

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

e Estimated, P Preliminary.

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

a Includes uranium (U) recovered by Elliot Lake producers from refinery/conversion facility wastes.

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

| | | 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 | 31 913 | Canada 9 644a 30.2 | FSU 7 940e 24.9 | Niger 2 964 9.3 | Australia 2 210 6.9 | Namibia 1 912 6.0 |
| Zinc (mine production) | 000 t % of world total | 6 872 | Canada 1 011 14.7 | China 990 14.4 | Australia 971 14.1 | Peru 690 10.0 | United States 598 8.7 |
| Sulphur, elemental (mine production) | 000 t % of world total | 36 232 | United States 10 120 27.9 | Canada 7 900 21.8 | FSU 3 582 9.9 | Poland 2 141 5.9 | Saudi Arabia 1 680 4.6 |
| Asbestos (mine production) | 000 t % of world total | 2 745 | C.I.S. 1 400e 51.0 | Canada 531 19.3 | China 250e 9.1 | Brazil 190e 6.9 | Zimbabwe 150 5.5 |
| Nickel (mine production) | 000 t % of world total | 871 | Russia 212 24.3 | Canada 150 17.2 | New Caledonia 97 11.1 | Indonesia 81 9.3 | Australia 79 9.1 |
| Cadmium (refined production) | t % of world total | 18 598 | Japan 2 614 14.1 | Canada 2 173 11.7 | Belgium 1 557 8.4 | China 1 282 6.9 | United States 1 011 5.4 |
| Aluminum (primary metal) | 000 t % of world total | 19 106 | United States 3 299 17.3 | Russia 2 671 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 | 100 185 | United States 17 200 17.2 | China 10 500e 10.5 | Canada 9 185 9.2 | Iran 8 430 8.4 | Thailand 8 140 8.1 |
| Copper (mine production) | 000 t % of world total | 9 621 | Chile 2 220 23.1 | United States 1 848 19.2 | Canada 617 6.4 | Russia 573 6.0 | Australia 416 4.3 |
| Platinum group metals (mine production) | kg % of world total | 268 408e | South Africa 183 900 68.5 | Russia 58 000e 21.6 | Canada 14 313 5.3 | United States 8 400 3.1 | Japan 1 971 0.7 |
| Titanium concentrates (ilmenite, rutile, slag) | 000 t % of world total | 5 549e | Australia 2 050 36.9 | Norway 826 14.9 | South Africa 822 14.9 | Canada 764e 13.8 | India 314 5.7 |
| Cobalt (shipments) | t % of world total | 19 197 | FSU 5 124 26.7 | Zaire 3 600 18.8 | Zambia 2 639 13.7 | Canada 1 846 9.6 | Australia 1 100 5.7 |
| Molybdenum (Mo content) (mine production) | t % of world total | 104 588e | United States 47 000 44.9 | China 18 000e 17.2 | Chile 16 000 15.3 | Canada 9 188 8.8 | Russia 4 500 4.3 |
| Gold (mine production) | t % of world total | 2 223 | South Africa 580 26.1 | United States 326 14.7 | Australia 256 11.5 | China 160e 7.2 | Canada 147 6.6 |
| Lead (mine production) | 000 t % of world total | 2 726 | Australia 519 19.0 | China 462e 16.9 | United States 370 13.6 | Peru 217 8.0 | Canada 171 6.3 |

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

e Estimated; f Revised.

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.

TABLE 9. CANADA, GROSS DOMESTIC PRODUCT OF INDUSTRIAL PRODUCTION, MINING AND MINERAL MANUFACTURING AT FACTOR COST AT 1986 PRICES, 1986-96

| | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|------------------------------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | (\$ 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 | 129 903.7 | 138 962.0 | 143 694.2 | 146 126.5 |
| Total mining | 17 502.0 | 18 631.7 | 20 422.3 | 19 621.3 | 19 570.3 | 19 907.3 | 20 328.8 | 21 345.5 | 22 641.3 | 23 604.5 | 24 391.3 |
| METALS | | | | | | | | | | | |
| Gold mines | 880.6 | 987.1 | 1 213.8 | 1 541.6 | 1 676.7 | 1 778.3 | 1 603.4 | 1 545.6 | 1 501.7 | 1 529.1 | 1 651.3 |
| Other metal mines | 2 346.5 | 2 734.0 | 2 708.7 | 2 272.1 | 2 139.7 | 2 210.3 | 2 326.6 | 2 075.3 | 1 856.7 | 2 136.9 | 2 207.1 |
| Iron mines | 452.7 | 505.1 | 568.5 | 607.2 | 437.5 | 431.9 | 419.9 | 391.4 | 457.1 | 461.8 | 445.5 |
| 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 | 13 252.2 | 13 989.0 | 14 748.5 | 15 178.6 |
| NONMETALS | | | | | | | | | | | |
| Asbestos | 102.0 | 103.7 | 102.3 | 124.0 | 126.8 | 114.9 | 97.4 | 86.1 | 88.6 | 88.6 | 83.3 |
| All nonmetals | 485.4 | 583.4 | 609.0 | 534.7 | 491.7 | 504.0 | 513.2 | 522.9 | 600.5 | 637.8 | 600.0 |
| Potash | 309.9 | 369.9 | 439.8 | 368.1 | 325.0 | 345.1 | 345.0 | 315.2 | 378.7 | 418.6 | 373.7 |
| Salt | 135.6 | 125.8 | 138.9 | 143.9 | 143.2 | 163.3 | 150.4 | 150.9 | 171.9 | 152.2 | 172.7 |
| Coal | 755.2 | 849.8 | 1 012.7 | 987.7 | 1 029.2 | 998.8 | 810.2 | 882.5 | 929.5 | 1 000.0 | 1 020.3 |
| Quarry and sand pits | 643.7 | 687.7 | 721.4 | 685.9 | 550.4 | 439.5 | 414.9 | 436.6 | 481.1 | 511.9 | 473.5 |
| 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 | 2 002.0 | 2 565.2 | 2 337.7 | 2 559.0 |
| 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 | 7 394.1 | 7 518.2 | 7 615.5 | 7 910.2 |
| Primary steel | 2 625.8 | 2 827.1 | 2 957.8 | 2 966.7 | 2 460.4 | 2 180.5 | 2 352.4 | 2 603.7 | 2 653.5 | 2 745.9 | 2 818.1 |
| Steel pipe and tube mills | 277.7 | 328.6 | 485.2 | 467.0 | 453.4 | 519.6 | 450.7 | 594.8 | 693.1 | 649.1 | 716.7 |
| Iron foundries | 460.8 | 424.4 | 439.9 | 394.3 | 440.8 | 381.2 | 398.6 | 422.7 | 419.2 | 417.4 | 368.0 |
| 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 | 2 910.4 | 2 834.5 | 2 919.4 | 3 069.8 |
| Nonmetallic mineral products | 2 971.3 | 3 256.9 | 3 308.0 | 3 230.5 | 2 896.3 | 2 411.7 | 2 387.9 | 2 462.3 | 2 541.7 | 2 506.5 | 2 593.4 |
| Cement | 384.0 | 431.2 | 449.8 | 461.5 | 452.1 | 325.0 | 309.2 | 332.9 | 375.7 | 381.4 | 394.2 |
| Concrete products | 448.4 | 476.8 | 523.8 | 528.5 | 452.6 | 341.5 | 312.2 | 309.7 | 316.7 | 317.9 | 298.3 |
| Ready-mix concrete | 507.1 | 568.7 | 519.8 | 535.3 | 470.0 | 410.1 | 371.7 | 379.7 | 388.4 | 387.1 | 396.5 |
| Glass and glass products | 647.8 | 694.5 | 667.6 | 632.0 | 571.8 | 513.3 | 550.3 | 602.8 | 631.1 | 614.9 | 651.9 |
| Miscellaneous nonmetallic products | 787.0 | 866.9 | 962.9 | 915.3 | 840.7 | 734.7 | 749.7 | 763.3 | 761.1 | 745.7 | 789.0 |
| 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 | 2 058.8 | 2 100.1 | 2 118.7 | 2 233.2 |

Source: Statistics Canada.

TABLE 10. CANADA, GROSS DOMESTIC PRODUCT BY INDUSTRY AT FACTOR COST AT 1986 PRICES, 1986-96

| | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|---|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | (\$ 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 | 510 690.4 | 531 599.0 | 542 006.6 | 551 003.8 |
| Agriculture | 11 056.7 | 9 965.7 | 9 451.7 | 10 231.4 | 10 838.4 | 10 712.1 | 10 030.1 | 10 725.6 | 11 195.1 | 11 440.9 | 11 876.2 |
| Fishing and trapping | 980.2 | 885.5 | 946.3 | 1 023.0 | 1 129.4 | 1 023.4 | 991.7 | 1 024.5 | 941.3 | 817.8 | 786.5 |
| Forestry | 2 690.8 | 3 008.2 | 3 044.2 | 3 128.8 | 2 865.2 | 2 450.6 | 2 449.1 | 2 604.2 | 2 680.4 | 2 759.4 | 2 660.5 |
| 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 | 21 345.5 | 22 641.3 | 23 604.5 | 24 391.3 |
| Manufacturing | 86 797.1 | 90 967.2 | 95 600.0 | 96 454.0 | 92 856.7 | 86 285.2 | 87 421.8 | 91 581.4 | 98 583.5 | 102 333.8 | 103 612.0 |
| Construction | 28 081.7 | 29 686.5 | 30 815.0 | 32 502.4 | 32 396.3 | 30 085.9 | 28 422.3 | 27 866.5 | 28 662.1 | 27 221.4 | 26 685.8 |
| Transportation and storage | 20 253.4 | 21 659.9 | 22 756.3 | 22 403.3 | 21 922.9 | 20 970.5 | 21 418.7 | 21 987.1 | 23 287.8 | 23 931.9 | 24 239.6 |
| Communications | 13 247.9 | 14 140.2 | 15 223.2 | 16 835.7 | 18 043.5 | 18 724.5 | 19 281.7 | 19 834.9 | 21 284.0 | 22 832.8 | 24 389.9 |
| 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 | 16 032.9 | 16 780.3 | 16 819.1 | 17 215.4 |
| Trade, wholesale | 23 312.0 | 25 131.6 | 26 971.7 | 28 111.3 | 28 435.0 | 27 691.6 | 27 984.5 | 29 509.6 | 32 231.9 | 33 171.5 | 34 640.8 |
| Trade, retail | 28 269.2 | 29 929.2 | 30 854.9 | 31 613.1 | 30 895.2 | 29 291.6 | 29 643.4 | 30 468.5 | 32 029.4 | 32 322.0 | 32 537.1 |
| 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 | 82 307.6 | 84 289.4 | 85 659.9 | 88 585.5 |
| 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 | 62 404.7 | 64 604.5 | 67 299.1 | 69 446.5 |
| 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 | 32 690.3 | 31 358.7 |

Source: Statistics Canada.

TABLE 11. CANADA, STAGE I TO STAGE IV, DOMESTIC EXPORTS OF MINERALS AND MINERAL PRODUCTS BY COMMODITY, 1994-96

| | Unit of Measure | 1994 | | 1995 | | 1996P | |
|---|--------------------|------------|-------------|------------|-------------|------------|-------------|
| | | (000) | (Quantity) | (\$000) | (Quantity) | (\$000) | (Quantity) |
| METALS | | | | | | | |
| Aluminum | .. | .. | 5 556 855 | .. | 6 793 932 | .. | 6 332 074 |
| Antimony | kg | 1 376 | 1 574 | 1 667 | 2 100 | 1 434 | 2 332 |
| Bismuth | kg | 165 | 1 187 | 204 | 1 475 | 141 | 1 517 |
| Cadmium | kg | 1 960 | 5 137 | 2 497 | 9 803 | 1 722 | 8 198 |
| Calcium metal | kg | 6 302 | 2 945 | 4 410 | 2 468 | 4 570 | 3 655 |
| Chromium | kg | 5 071 | 15 943 | 4 245 | 14 077 | 8 749 | 29 370 |
| Cobalt | kg | 4 126 | 230 728 | 4 227 | 322 047 | 5 120 | 385 335 |
| Copper | .. | .. | 2 361 570 | .. | 3 620 517 | .. | 3 028 872 |
| Gold | .. | .. | 3 626 602 | .. | 2 904 428 | .. | 3 524 722 |
| Iron and steel | .. | .. | 7 015 531 | .. | 8 033 052 | .. | 8 232 174 |
| Iron ore | t | 29 995 | 935 336 | 28 706 | 919 961 | 27 920 | 966 421 |
| Lead | .. | .. | 266 225 | .. | 314 034 | .. | 430 761 |
| Magnesium and magnesium compounds | kg | 82 262 | 127 303 | 98 783 | 197 307 | 101 974 | 221 788 |
| Molybdenum | kg | 9 103 | 63 256 | 9 217 | 163 402 | 8 771 | 71 562 |
| Nickel | .. | .. | 1 421 542 | .. | 2 140 350 | .. | 2 339 044 |
| Niobium | kg | .. | .. | 1 197 | 18 008 | 2 063 | 33 845 |
| Platinum group metals | .. | .. | 145 010 | .. | 184 744 | .. | 158 116 |
| Silver | .. | .. | 286 672 | .. | 336 601 | .. | 407 897 |
| Tin | .. | .. | 16 297 | .. | 23 830 | .. | 20 261 |
| Uranium and thorium | .. | .. | 704 364 | .. | 687 317 | .. | 960 516 |
| Zinc | kg | .. | 1 176 522 | .. | 1 367 965 | 1 331 510 | 1 486 300 |
| Other metals | .. | .. | 2 421 150 | .. | 3 045 909 | .. | 3 476 880 |
| Total metals | | | 26 381 749 | | 31 103 327 | | 32 121 640 |
| NONMETALS | | | | | | | |
| Asbestos | .. | .. | 369 092 | .. | 356 475 | .. | 353 188 |
| Barites and witherite | t | 13 | 4 426 | 12 | 4 265 | 15 | 5 285 |
| Diamonds | .. | .. | 18 170 | .. | 19 146 | .. | 16 794 |
| Graphite | .. | .. | 95 842 | .. | 121 520 | .. | 132 208 |
| Gypsum | .. | .. | 145 468 | .. | 186 919 | .. | 230 501 |
| Mica | kg | 19 | 11 846 | 17 | 9 712 | 17 | 9 516 |
| Nepheline syenite | t | 381 | 43 242 | 340 | 42 309 | 269 | 43 919 |
| Peat | .. | .. | 273 974 | .. | 276 462 | .. | 289 033 |
| Potash and potassium compounds | kg | 13 042 145 | 1 635 916 | 13 813 235 | 1 765 113 | 12 961 046 | 1 546 155 |
| Salt and sodium compounds | t | 4 809 | 462 225 | 4 186 | 526 620 | 4 959 | 543 287 |
| Sulphur and sulphur compounds | kg | 6 733 | 384 008 | 7 814 | 559 743 | 7 697 | 495 545 |
| Talc, soapstone and pyrophyllite | kg | 32 | 8 076 | 26 | 7 142 | 26 | 7 607 |
| Titanium oxides | kg | 70 888 | 152 357 | 88 038 | 200 307 | 69 763 | 152 285 |
| Other nonmetals | .. | .. | 2 092 375 | .. | 2 354 814 | .. | 2 534 517 |
| Total nonmetals | | | 5 697 017 | | 6 430 547 | | 6 359 840 |
| STRUCTURALS | | | | | | | |
| Cement | .. | .. | 350 820 | .. | 426 068 | .. | 506 873 |
| Clay and clay products | .. | .. | 23 121 | .. | 36 989 | .. | 41 809 |
| Lime | kg | 193 902 | 18 650 | 266 476 | 30 089 | 216 849 | 24 701 |
| Sand and gravel | t | 1 376 | 13 841 | 1 899 | 17 377 | 1 428 | 11 844 |
| Silica and silica compounds | .. | .. | 9 481 | .. | 13 490 | .. | 14 032 |
| Stone | t | .. | 72 406 | .. | 84 257 | .. | 92 851 |
| Other structurals | .. | .. | 28 812 | .. | 39 187 | .. | 50 204 |
| Total structurals | | | 517 131 | | 647 457 | | 742 314 |
| FUELS | | | | | | | |
| Coal and coke | t | 31 614 | 2 161 225 | 34 489 | 2 367 020 | 35 070 | 2 630 354 |
| Natural gas | 000 m ³ | 71 403 | 6 427 879 | 79 022 | 5 649 076 | 80 117 | 7 432 768 |
| Natural gas by-products | 000 m ³ | 8 | 756 223 | 9 | 875 958 | 8 | 1 154 199 |
| Petroleum | .. | .. | 11 312 111 | .. | 14 247 651 | .. | 17 040 110 |
| Other fuels | kg | 146 238 | 189 977 | 192 792 | 246 427 | 207 597 | 262 613 |
| Total fuels | | | 20 847 415 | | 23 386 132 | | 28 520 044 |
| Total mining domestic exports (including fuels) | | | 53 443 312 | | 61 567 463 | | 67 743 838 |
| Balance of trade | | | 23 621 207 | | 29 068 758 | | 34 032 831 |
| Total economy domestic exports | | | 213 290 163 | | 248 440 788 | | 258 418 390 |
| Balance of trade | | | 23 738 000 | | 38 577 805 | | 41 946 985 |

Sources: Natural Resources Canada; Statistics Canada.

– Nil; . . Not available or not applicable; P Preliminary.

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

TABLE 12. CANADA, STAGE I TO STAGE IV, IMPORTS OF MINERALS AND MINERAL PRODUCTS BY COMMODITY, 1994-96

| | Unit of Measure | 1994 | | 1995 | | 1996P | |
|--|--------------------|---------|-------------|---------|-------------|---------|-------------|
| | | (000) | (Quantity) | (\$000) | (Quantity) | (\$000) | (Quantity) |
| METALS | | | | | | | |
| Aluminum | .. | .. | 2 952 535 | .. | 3 519 673 | .. | 3 373 232 |
| Antimony | kg | 2 176 | 10 210 | 2 235 | 13 413 | 2 514 | 11 908 |
| Bismuth | kg | 100 | 1 536 | 71 | 2 801 | 75 | 2 020 |
| Cadmium | kg | 248 | 1 675 | 367 | 1 373 | 736 | 1 502 |
| Calcium metal | kg | 53 579 | 35 659 | 44 420 | 37 042 | 43 548 | 34 585 |
| Chromium | kg | 82 305 | 64 795 | 107 053 | 97 526 | 112 873 | 94 361 |
| Cobalt | kg | 1 235 | 45 725 | 1 477 | 74 989 | 15 172 | 72 289 |
| Copper | .. | .. | 1 501 123 | .. | 1 954 864 | .. | 1 660 834 |
| Gold | .. | .. | 866 169 | .. | 755 502 | .. | 1 077 629 |
| Iron and steel | .. | .. | 9 577 329 | .. | 10 339 150 | .. | 10 240 957 |
| Iron ore | t | 5 318 | 228 136 | 6 000 | 264 532 | 6 911 | 334 255 |
| Lead | .. | .. | 311 589 | .. | 333 149 | .. | 493 239 |
| Magnesium and magnesium compounds | kg | 209 154 | 89 436 | 298 257 | 122 056 | 390 589 | 155 347 |
| Molybdenum | kg | 3 988 | 34 716 | 4 705 | 73 481 | 3 686 | 38 652 |
| Nickel | .. | .. | 424 092 | .. | 708 998 | .. | 758 274 |
| Niobium | kg | 1 613 | 19 102 | 1 658 | 19 412 | 1 275 | 15 864 |
| Platinum group metals | g | 610 911 | 210 528 | 523 457 | 223 832 | 243 738 | 207 341 |
| Silver | .. | .. | 104 143 | .. | 121 977 | .. | 125 664 |
| Tin | .. | .. | 54 385 | .. | 56 357 | .. | 56 644 |
| Uranium and thorium | .. | .. | 188 637 | .. | 170 830 | .. | 248 005 |
| Zinc | .. | .. | 127 423 | .. | 157 904 | .. | 132 502 |
| Other metals | .. | .. | 5 404 063 | .. | 6 054 541 | .. | 6 285 136 |
| Total metals | | | 22 253 006 | | 25 103 402 | | 25 420 240 |
| NONMETALS | | | | | | | |
| Asbestos | .. | .. | 78 445 | .. | 74 965 | .. | 75 188 |
| Barites and witherite | t | 15 | 1 734 | 17 | 1 735 | 16 | 1 868 |
| Diamonds | .. | .. | 224 126 | .. | 186 687 | .. | 191 117 |
| Graphite | .. | .. | 274 451 | .. | 307 011 | .. | 336 055 |
| Gypsum | .. | .. | 24 103 | .. | 21 082 | .. | 24 956 |
| Mica | kg | 3 | 10 056 | 4 | 9 466 | 4 | 10 501 |
| Nepheline syenite | .. | ... | 10 | ... | 78 | ... | 52 |
| Peat | .. | .. | 868 | .. | 787 | .. | 764 |
| Potash and potassium compounds | kg | .. | 27 047 | .. | 29 275 | .. | 35 422 |
| Salt and sodium compounds | t | 1 636 | 234 364 | 2 097 | 289 670 | 2 155 | 325 241 |
| Sulphur and sulphur compounds | kg | 76 | 9 428 | 105 | 15 053 | 110 | 15 935 |
| Talc, soapstone and pyrophyllite | kg | 53 | 12 430 | 51 | 13 648 | 58 | 15 282 |
| Titanium oxides | kg | 111 299 | 190 949 | 106 322 | 214 640 | 84 707 | 180 027 |
| Other nonmetals | .. | .. | 2 791 522 | .. | 2 960 008 | .. | 3 104 878 |
| Total nonmetals | | | 3 879 533 | | 4 124 105 | | 4 317 286 |
| STRUCTURALS | | | | | | | |
| Cement | .. | .. | 126 448 | .. | 137 963 | .. | 152 564 |
| Clay and clay products | .. | .. | 672 898 | .. | 686 099 | .. | 666 537 |
| Lime | kg | 66 885 | 8 072 | 52 883 | 6 778 | 36 640 | 5 054 |
| Sand and gravel | t | 576 | 6 309 | 1 099 | 10 553 | 3 241 | 16 299 |
| Silica and silica compounds | .. | .. | 95 417 | .. | 100 366 | .. | 109 715 |
| Stone | .. | .. | 93 539 | .. | 99 216 | .. | 92 674 |
| Other structurals | .. | .. | 34 662 | .. | 24 618 | .. | 20 565 |
| Total structurals | | | 1 037 345 | | 1 065 593 | | 1 063 408 |
| FUELS | | | | | | | |
| Coal and coke | t | 9 988 | 576 874 | 11 225 | 689 968 | 12 858 | 757 333 |
| Natural gas | 000 m ³ | 667 | 84 970 | 525 | 45 855 | 1 905 | 109 340 |
| Natural gas by-products | 000 m ³ | ... | 42 144 | 1 | 70 380 | ... | 70 210 |
| Petroleum | .. | .. | 6 873 901 | .. | 7 846 677 | .. | 9 722 062 |
| Other fuels | .. | .. | 672 438 | .. | 727 636 | .. | 734 448 |
| Total fuels | | | 8 250 327 | | 9 380 516 | | 11 393 393 |
| Total mining imports (including fuels) | | | 35 420 211 | | 39 673 616 | | 42 194 327 |
| Total economy imports | | | 202 737 000 | | 225 629 195 | | 232 937 297 |

Sources: Natural Resources Canada; Statistics Canada.

. . . Not available or not applicable; . . . Amount too small to be expressed; P Preliminary.

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

TABLE 13. CANADA, STAGE I TO STAGE IV, VALUE OF MINERALS AND MINERAL PRODUCTS, EXPORTS BY COMMODITY, BY DESTINATION, 1996P

| | United States | EU | Japan | Mexico | Other | Total |
|-----------------------------------|---------------|-----------|-----------|---------|-----------|------------|
| | (\$000) | | | | | |
| METALS | | | | | | |
| Aluminum | 5 129 466 | 475 230 | 363 804 | 283 | 363 291 | 6 332 074 |
| Antimony | 1 073 | – | 55 | – | 1 204 | 2 332 |
| Bismuth | 925 | 593 | – | – | .. . | 1 517 |
| Cadmium | 1 903 | 2 117 | 3 501 | – | 677 | 8 198 |
| Calcium metal | 860 | 2 044 | 180 | 247 | 324 | 3 655 |
| Chromium | 28 938 | 217 | 109 | – | 106 | 29 370 |
| Cobalt | 75 689 | 95 978 | 74 961 | 7 | 138 700 | 385 335 |
| Copper | 1 993 214 | 296 267 | 389 199 | 10 785 | 339 407 | 3 028 872 |
| Gold | 2 336 950 | 359 321 | 107 446 | 2 014 | 718 991 | 3 524 722 |
| Iron and steel | 7 598 415 | 138 543 | 42 692 | 43 333 | 409 191 | 8 232 174 |
| Iron ore | 441 070 | 443 286 | 15 591 | 13 931 | 52 543 | 966 421 |
| Lead | 303 466 | 56 711 | 4 879 | 27 | 65 678 | 430 761 |
| Magnesium and magnesium compounds | 137 728 | 34 940 | 14 564 | 129 | 34 427 | 221 788 |
| Molybdenum | 15 910 | 10 925 | 37 663 | – | 7 064 | 71 562 |
| Nickel | 646 560 | 781 821 | 78 221 | 9 028 | 823 414 | 2 339 044 |
| Niobium | 16 190 | 13 333 | 3 843 | – | 479 | 33 845 |
| Platinum group metals | 69 400 | 83 517 | 3 420 | 1 152 | 627 | 158 116 |
| Silver | 320 123 | 31 145 | 38 697 | 351 | 17 581 | 407 897 |
| Tin | 18 452 | 779 | 105 | – | 925 | 20 261 |
| Uranium and thorium | 720 202 | 84 537 | 13 832 | 828 | 141 117 | 960 516 |
| Zinc | 851 755 | 393 576 | 38 738 | 139 | 202 092 | 1 486 300 |
| Other metals | 2 700 776 | 278 526 | 208 263 | 8 149 | 281 166 | 3 476 880 |
| Total metals | 23 409 065 | 3 583 406 | 1 439 763 | 90 403 | 3 599 004 | 32 121 640 |
| NONMETALS | | | | | | |
| Asbestos | 47 105 | 34 511 | 51 726 | 16 618 | 203 228 | 353 188 |
| Barites and witherite | 4 936 | – | 117 | – | 232 | 5 285 |
| Diamonds | 13 574 | 2 006 | 10 | – | 1 204 | 16 794 |
| Graphite | 96 092 | 14 745 | 1 115 | 1 145 | 19 111 | 132 208 |
| Gypsum | 226 683 | 769 | 1 343 | – | 1 706 | 230 501 |
| Mica | 7 554 | 342 | 1 308 | – | 312 | 9 516 |
| Nepheline syenite | 38 892 | 1 269 | 454 | 108 | 3 196 | 43 919 |
| Peat | 220 184 | 22 839 | 22 557 | 117 | 23 336 | 289 033 |
| Potash and potassium compounds | 808 504 | 59 567 | 76 426 | 1 237 | 600 421 | 1 546 155 |
| Salt and sodium compounds | 486 510 | 64 | 21 133 | – | 35 580 | 543 287 |
| Sulphur and sulphur compounds | 145 709 | – | – | 26 649 | 323 187 | 495 545 |
| Talc, soapstone and pyrophyllite | 7 459 | 55 | – | – | 93 | 7 607 |
| Titanium oxides | 149 906 | 2 012 | – | – | 358 | 152 285 |
| Other nonmetals | 2 276 456 | 93 437 | 15 558 | 5 107 | 143 959 | 2 534 517 |
| Total nonmetals | 4 529 564 | 231 625 | 191 747 | 50 981 | 1 355 923 | 6 359 840 |
| STRUCTURALS | | | | | | |
| Cement | 502 317 | 528 | 271 | – | 3 757 | 506 873 |
| Clay and clay products | 31 848 | 1 748 | 1 193 | 716 | 6 304 | 41 809 |
| Lime | 24 661 | – | – | – | 40 | 24 701 |
| Sand and gravel | 10 992 | 445 | – | – | 407 | 11 844 |
| Silica and silica compounds | 10 253 | 293 | 11 | – | 3 475 | 14 032 |
| Stone | 68 584 | 6 307 | 10 659 | – | 7 302 | 92 851 |
| Other structurals | 43 540 | 774 | 614 | 1 494 | 3 782 | 50 204 |
| Total structurals | 692 195 | 10 095 | 12 748 | 2 210 | 25 067 | 742 314 |
| FUELS | | | | | | |
| Petroleum | 184 302 | 297 516 | 1 503 254 | 22 199 | 623 083 | 2 630 354 |
| Natural gas | 7 432 768 | – | – | – | – | 7 432 768 |
| Natural gas by-products | 1 154 107 | – | – | – | 92 | 1 154 199 |
| Petroleum | 16 391 033 | 168 240 | 46 560 | 5 437 | 428 840 | 17 040 110 |
| Other fuels | 221 257 | 15 150 | 6 235 | 296 | 19 675 | 262 613 |
| Total fuels | 25 383 467 | 480 906 | 1 556 049 | 27 932 | 1 071 690 | 28 520 044 |
| Total domestic mining exports | 54 014 291 | 4 306 032 | 3 200 307 | 171 526 | 6 051 684 | 67 743 838 |

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 14. CANADA, STAGE I TO STAGE IV, VALUE OF MINERALS AND MINERAL PRODUCTS, IMPORTS BY COMMODITY, BY ORIGIN, 1996P

| | United States | EU | Japan | Mexico | Other | Total |
|-----------------------------------|---------------|-----------|---------|-----------|------------|------------|
| | (\$'000) | | | | | |
| METALS | | | | | | |
| Aluminum | 2 303 554 | 179 446 | 15 176 | 2 547 | 872 509 | 3 373 232 |
| Antimony | 7 633 | 2 744 | — | — | 1 531 | 11 908 |
| Bismuth | 1 865 | 47 | — | 88 | 20 | 2 020 |
| Cadmium | 847 | 654 | — | — | 1 | 1 502 |
| Calcium metal | 24 261 | 4 275 | 11 | 12 | 6 026 | 34 585 |
| Chromium | 24 031 | 7 248 | 961 | 1 659 | 60 462 | 94 361 |
| Cobalt | 17 715 | 16 025 | 52 | — | 38 497 | 72 289 |
| Copper | 1 332 532 | 90 796 | 9 019 | 11 933 | 216 554 | 1 660 834 |
| Gold | 738 290 | 5 815 | 129 | 1 150 | 332 245 | 1 077 629 |
| Iron and steel | 7 263 693 | 1 327 504 | 487 496 | 179 336 | 982 928 | 10 240 957 |
| Iron ore | 304 110 | 85 | ... | — | 30 060 | 334 255 |
| Lead | 410 835 | 12 368 | 11 597 | 13 147 | 45 292 | 493 239 |
| Magnesium and magnesium compounds | 84 331 | 10 053 | 503 | 200 | 60 260 | 155 347 |
| Molybdenum | 22 477 | 3 924 | 244 | 3 556 | 8 451 | 38 652 |
| Nickel | 196 508 | 92 474 | 49 683 | 8 747 | 410 862 | 758 274 |
| Niobium | 559 | 103 | — | — | 15 202 | 15 864 |
| Platinum group metals | 52 140 | 16 201 | 3 | 338 | 138 659 | 207 341 |
| Silver | 40 741 | 7 807 | 586 | 11 975 | 64 555 | 125 664 |
| Tin | 26 500 | 2 880 | 24 | 115 | 27 125 | 56 644 |
| Uranium and thorium | 33 721 | 5 296 | 20 | — | 208 968 | 248 005 |
| Zinc | 115 991 | 2 026 | 81 | 2 851 | 11 553 | 132 502 |
| Other metals | 4 236 659 | 559 957 | 157 075 | 527 136 | 804 311 | 6 285 136 |
| Total metals | 17 238 993 | 2 347 728 | 732 660 | 764 790 | 4 336 071 | 25 420 240 |
| NONMETALS | | | | | | |
| Asbestos | 63 549 | 2 624 | 3 307 | 2 336 | 3 372 | 75 188 |
| Barites and witherite | 1 490 | 267 | — | — | 111 | 1 868 |
| Diamonds | 40 807 | 67 104 | 11 | — | 83 195 | 191 117 |
| Graphite | 256 169 | 40 999 | 18 765 | 3 346 | 16 776 | 336 055 |
| Gypsum | 20 960 | 1 124 | 64 | 1 943 | 865 | 24 956 |
| Mica | 7 322 | 2 465 | 162 | — | 552 | 10 501 |
| Nepheline syenite | 52 | — | — | — | — | 52 |
| Peat | 298 | 303 | — | — | 163 | 764 |
| Potash and potassium compounds | 30 735 | 1 461 | 6 | 3 | 3 217 | 35 422 |
| Salt and sodium compounds | 288 527 | 24 943 | 393 | 4 853 | 6 525 | 325 241 |
| Sulphur and sulphur compounds | 15 036 | 868 | 6 | — | 25 | 15 935 |
| Talc, soapstone and pyrophyllite | 14 945 | 89 | 66 | — | 182 | 15 282 |
| Titanium oxides | 121 182 | 53 623 | 749 | — | 4 473 | 180 027 |
| Other nonmetals | 2 457 788 | 280 181 | 65 799 | 56 391 | 244 719 | 3 104 878 |
| Total nonmetals | 3 318 860 | 476 051 | 89 328 | 68 872 | 364 175 | 4 317 286 |
| STRUCTURALS | | | | | | |
| Cement | 142 916 | 5 936 | 424 | 368 | 2 920 | 152 564 |
| Clay and clay products | 285 896 | 192 752 | 25 919 | 18 787 | 143 183 | 666 537 |
| Lime | 4 988 | 40 | — | — | 26 | 5 054 |
| Sand and gravel | 16 151 | 119 | ... | 7 | 22 | 16 299 |
| Silica and silica compounds | 88 155 | 15 150 | 1 689 | 18 | 4 703 | 109 715 |
| Stone | 38 085 | 27 966 | 28 | 1 792 | 24 803 | 92 674 |
| Other structurals | 12 127 | 4 286 | 246 | 1 044 | 2 862 | 20 565 |
| Total structurals | 588 318 | 246 249 | 28 306 | 22 016 | 178 519 | 1 063 408 |
| FUELS | | | | | | |
| Petroleum | 709 475 | 6 230 | 3 039 | 46 | 38 543 | 757 333 |
| Natural gas | 109 334 | 4 | 1 | — | 1 | 109 340 |
| Natural gas by-products | 65 719 | 4 094 | 28 | — | 369 | 70 210 |
| Petroleum | 2 093 050 | 2 109 597 | 4 538 | 193 648 | 5 321 229 | 9 722 062 |
| Other fuels | 669 352 | 51 762 | 7 300 | 1 534 | 4 500 | 734 448 |
| Total fuels | 3 646 930 | 2 171 687 | 14 906 | 195 228 | 5 364 642 | 11 393 393 |
| Total mining imports | 24 793 101 | 5 241 715 | 865 200 | 1 050 906 | 10 243 407 | 42 194 327 |

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 15. CANADA, APPARENT CONSUMPTION¹ OF SOME MINERALS AND RELATION TO PRODUCTION,² 1993-95

| | 1993 | | | 1994 | | | 1995 | | |
|---------------------------|----------------------|------------|--------------------------------|----------------------|------------|--------------------------------|----------------------|------------|--------------------------------|
| | 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 | 2 662 681 | 1 862 800 | 142.9 | 3 130 771 | 2 053 794 | 152.4 | 2 468 919 | 1 328 449 | 185.8 |
| Lime ³ | 2 241 618 | 2 378 996 | 94.2 | 2 321 997 | 2 449 023 | 94.8 | 2 184 242 | 2 397 833 | 91.1 |
| Salt | 8 964 738 | 10 993 005 | 81.5 | 9 545 344 | 12 243 887 | 78.0 | 9 265 572 | 10 957 384 | 84.6 |
| Cement ⁴ | 6 219 990 | 9 393 581 | 66.2 | 6 796 654 | 10 584 414 | 64.2 | 6 183 562 | 10 440 329 | 59.2 |
| Iron ore | 12 469 080 | 33 228 076 | 37.5 | 11 672 199 | 36 416 388 | 32.1 | 13 890 447 | 36 627 937 | 37.9 |
| Gypsum | 2 528 332 | 7 563 369 | 33.4 | 2 936 887 | 8 587 303 | 34.2 | 2 666 640 | 8 054 741 | 33.1 |
| Potash (K ₂ O) | 763 339 | 6 880 345 | 11.1 | 599 482 | 8 517 206 | 7.0 | 452 561 | 8 854 690 | 5.1 |
| Asbestos | 13 387 | 522 967 | 2.6 | 464 | 530 857 | 0.1 | 6 275 | 515 553 | 1.2 |

Sources: Natural Resources Canada; Statistics Canada.

¹ "Apparent consumption" is production plus imports, less exports. ² "Production" refers to producers' shipments. ³ Apparent consumption contains slaked lime in the trade data. ⁴ Apparent consumption contains clinker cement in the trade data.

TABLE 16. CANADA, REPORTED CONSUMPTION OF MINERALS AND RELATION TO PRODUCTION, 1993-95

| | Unit of Measure | 1993 | | | 1994 | | | 1995 | | |
|---------------------------|------------------------|----------------------|------------|--------------------------------|----------------------|------------|--------------------------------|-------------|------------|--------------------------------|
| | | Consumption | Production | Consumption as % of Production | Consumption | Production | Consumption as % of Production | Consumption | Production | Consumption as % of Production |
| METALS | | | | | | | | | | |
| Aluminum ¹ | t | 597 957 | 2 308 867 | 25.9 | 667 384 ^r | 2 254 683 | 29.6 | 673 481 | 2 171 992 | 31.0 |
| Antimony | kg | 688 542 | 565 504 | 121.8 | 1 084 863 | 540 051 | 200.9 | 988 338 | 574 448 | 172.1 |
| Bismuth | kg | 96 337 | 128 870 | 74.8 | 173 744 | 129 371 | 134.3 | 205 813 | 158 641 | 129.7 |
| Cadmium | kg | 89 250 | 1 161 173 | 7.7 | 83 201 | 1 499 996 | 5.5 | 93 440 | 1 686 439 | 5.5 |
| Chromium (chromite) | t | 11 398 | — | .. | 9 843 | — | .. | 21 951 | — | .. |
| Cobalt | kg | 186 898 | 2 150 187 | 8.7 | 192 618 | 1 846 447 | 10.4 | 148 331 | 2 016 484 | 7.4 |
| Copper ² | t | 185 565 | 709 650 | 26.1 | 199 349 | 590 784 | 33.7 | 189 686 | 700 843 | 27.1 |
| Lead ³ | t | 92 072 | 183 105 | 50.3 ^r | 95 715 ^r | 167 584 | 57.1 ^r | 91 083 | 204 227 | 44.6 |
| Magnesium | t | 20 014 | x | x | 23 563 ^r | x | x | 27 230 | x | x |
| Manganese ore | t | 8 226 | — | .. | 6 706 | — | .. | 9 061 | — | .. |
| Mercury | kg | 8 020 | — | .. | 6 376 | — | .. | 2 985 | — | .. |
| Molybdenum (Mo content) | t | 1 720 | 10 250 | 16.8 | 2 011 | 9 759 | 20.6 | 1 998 | 9 113 | 21.9 |
| Nickel | t | 13 884 | 178 529 | 7.8 | 16 746 ^r | 141 974 | 11.8 ^r | 16 815 | 172 107 | 9.8 |
| Selenium | kg | 18 679 | 541 696 | 3.4 | 17 218 ^r | 566 404 | 3.0 | 15 046 | 561 307 | 2.7 |
| Silver | kg | 472 530 | 879 113 | 53.8 | 420 427 | 740 342 | 56.8 | 452 853 | 1 244 606 | 34.2 |
| Tellurium | kg | x | 26 847 | x | x | 41 669 | x | x | 102 268 | x |
| Tin | t | 3 250 | — | .. | 3 142 | — | .. | 3 044 | — | .. |
| Tungsten (W content) | kg | 392 405 | — | .. | 412 017 | — | .. | 376 840 | — | .. |
| Zinc ³ | t | 112 432 | 990 727 | 11.3 | 124 890 | 976 309 | 12.8 | 133 406 | 1 094 703 | 12.2 |
| NONMETALS | | | | | | | | | | |
| Barite | t | 13 109 | 37 712 | 34.8 | 13 732 | 64 701 | 21.2 | 17 118 | 60 662 | 28.2 |
| Feldspar | t | 1 860 | — | .. | 1 955 | — | .. | 1 492 | — | .. |
| Fluorspar | t | 72 624 | — | .. | 14 978 | — | .. | 16 570 | — | .. |
| Mica | t | 3 262 | x | x | 3 040 | x | x | 2 828 | x | x |
| Nepheline syenite | t | 63 134 | 548 987 | 11.5 | 67 426 ^r | 602 033 | 11.2 ^r | 68 704 | 616 693 | 11.1 |
| Phosphate rock | t | 1 326 194 | — | .. | 1 256 582 | — | .. | 1 202 533 | — | .. |
| Potash (K ₂ O) | t | 254 237 | 6 880 345 | 3.7 | 251 081 | 8 517 206 | 2.9 | 210 332 | 8 854 690 | 2.4 |
| Sodium sulphate | t | 134 739 | 318 220 | 42.3 | 130 845 ^r | 316 597 | 41.3 | 121 717 | 314 770 | 38.7 |
| Sulphur | t | 844 222 ^r | 8 267 622 | 10.2 ^r | 851 187 ^r | 8 705 408 | 9.8 | 905 021 | 8 732 737 | 10.4 |
| Talc, etc. | t | 64 348 | 110 730 | 58.1 | 68 753 | 126 014 | 54.6 | 98 877 | 108 327 | 91.3 |
| MINERAL FUELS | | | | | | | | | | |
| Coal | 000 t | 48 979 | 69 029 | 71.0 | 52 348 | 72 824 | 71.9 | 52 771 | 74 920 | 70.4 |
| Crude oil ⁴ | 000 m ³ | 86 300 | 97 306 | 88.7 | 89 538 | 110 452 | 81.1 | 87 663 | 114 372 | 76.6 |
| Natural gas ⁵ | million m ³ | 51 603 | 128 817 | 40.1 | 51 837 | 138 856 | 37.3 | 52 078 | 148 203 | 35.1 |

Sources: Natural Resources Canada; Statistics Canada.

— Nil; . . Not available; ^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 the 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 17. CANADA, DOMESTIC CONSUMPTION OF PRINCIPAL REFINED METALS IN RELATION TO REFINERY PRODUCTION,¹ 1989-95

| | Unit of Measure | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 ^p |
|-----------------------------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| ALUMINUM | | | | | | | | |
| Domestic consumption ² | t | 510 255 | 466 492 | 467 802 | 506 745 | 597 957 | 667 384 | 673 481 |
| Production | t | 1 554 753 | 1 567 395 | 1 821 642 | 1 971 843 | 2 308 867 | 2 254 683 | 2 171 992 |
| Consumption of production | % | 32.8 | 29.8 | 25.7 | 25.7 | 25.9 | 29.6 | 31.0 |
| COPPER | | | | | | | | |
| Domestic consumption ³ | t | 213 046 | 180 605 | 159 170 | 156 132 | 185 565 | 199 349 | 189 686 |
| Production | t | 515 216 | 515 835 | 538 339 | 539 302 | 561 580 | 549 869 | 572 616 |
| Consumption of production | % | 41.4 | 35.0 | 29.6 | 29.0 | 33.0 | 36.3 | 33.1 |
| LEAD | | | | | | | | |
| Domestic consumption ⁴ | t | 88 408 | 72 203 | 80 253 | 92 420 | 92 072 | 95 715 | 91 083 |
| Production ⁵ | t | 242 845 | 183 645 | 212 366 | 252 885 | 217 014 | 251 640 | 281 391 |
| Consumption of production | % | 36.4 | 39.3 | 37.8 | 36.5 | 42.4 | 38.0 | 32.4 |
| ZINC | | | | | | | | |
| Domestic consumption ⁴ | t | 145 282 | 121 502 | 104 902 | 114 725 | 112 432 | 124 890 | 133 406 |
| Production | t | 669 677 | 591 786 | 660 552 | 671 702 | 659 881 | 690 965 | 720 346 |
| Consumption of production | % | 21.7 | 20.5 | 15.9 | 17.1 | 17.0 | 18.1 | 18.5 |

Source: Natural Resources Canada.

^p Preliminary.

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 18. AVERAGE ANNUAL PRICES¹ OF SELECTED METALS, 1990-96

| | Unit | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|---|------------|-----------|-----------|-----------|-----------|---------|---------------------|---------|
| Aluminum, London Metal Exchange | ¢/lb | 74.361 | 59.066 | 56.893 | 51.639 | 66.986 | 81.903 | 68.296 |
| Antimony, New York dealer | \$/lb | 0.818 | 0.828 | 0.791 | 0.769 | 1.777 | 2.278 | 1.466 |
| Bismuth, New York dealer | \$/lb | 3.474 | 2.969 | 2.506 | 2.350 | 3.070 | 3.781 | 3.546 |
| Cadmium, New York dealer | \$/lb | 3.378 | 1.974 | 0.907 | 0.451 | 1.144 | 1.839 | 1.238 |
| 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 | 4.241 | 4.437 | 4.500 | 4.500 | 4.500 | 4.725 | 5.150 |
| Cobalt, metal, shot/cathode/250 kg | \$/lb | 8.400 | 11.000 | 24.300 | 18.000 | 19.900 | 27.069 | 27.500 |
| Copper, electrolytic cathode, COMEX | ¢/lb | 124.085 | 108.211 | 102.721 | 85.283 | 107.052 | 134.717 | 105.872 |
| Gold, London ² | \$/troy oz | 383.466 | 362.183 | 343.731 | 359.769 | 384.009 | 384.162 | 387.696 |
| Iridium, New York dealer | \$/troy oz | 307.313 | 281.354 | 155.167 | 45.667 | 30.000 | 30.000 | 46.188 |
| Iron ore, taconite pellets | ¢/ltu | 72.450 | 72.450 | 72.450 | 72.450 | 72.450 | 72.450 | 72.450 |
| Lead, London Metal Exchange cash | ¢/lb | 36.717 | 25.269 | 24.534 | 18.417 | 24.829 | 28.600 ^r | 35.019 |
| Magnesium, U.S. primary ingot (Producer Price List) | \$/lb | 1.613 | 1.430 | 1.438 | 1.530 | 1.538 | 1.805 | 1.930 |
| Manganese, U.S. metal, regular | ¢/lb | 92.896 | 104.000 | 104.000 | 104.000 | 104.000 | 109.250 | 115.000 |
| Molybdenum, dealer, oxide | \$/lb | 2.807 | 2.349 | 2.197 | 2.279 | 4.501 | 7.412 | 3.606 |
| Nickel, New York dealer, cathode | \$/lb | 4.074 | 3.796 | 3.177 | 2.428 | 2.919 | 3.901 | 3.501 |
| Osmium, New York dealer | \$/troy oz | 413.438 | 400.000 | 400.000 | 400.000 | 400.000 | 399.375 | 392.458 |
| Palladium, London PM fix | \$/troy oz | 114.915 | 88.290 | 88.228 | 122.348 | 142.631 | 151.229 | 128.079 |
| Platinum, London PM fix | \$/troy oz | 471.583 | 376.083 | 359.799 | 374.027 | 404.998 | 424.346 | 397.171 |
| Rhodium, New York dealer | \$/troy oz | 3 565.185 | 3 739.126 | 2 365.102 | 1 066.111 | 712.678 | 424.145 | 280.721 |
| Ruthenium, New York dealer | \$/troy oz | 60.917 | 55.233 | 28.538 | 12.996 | 13.604 | 21.827 | 34.921 |
| Selenium, New York dealer | \$/lb | 5.676 | 5.241 | 4.947 | 4.900 | 4.900 | 4.897 | 3.423 |
| Silver, Handy & Harman, Toronto | \$/troy oz | 4.870 | 4.039 | 3.936 | 4.300 | 5.284 | 5.192 | 5.183 |
| Tantalum, tantalite ore, spot | \$/lb | 30.077 | 28.538 | 27.365 | 25.850 | 25.500 | 26.260 | 27.000 |
| Tin, New York dealer | \$/lb | 2.877 | 2.588 | 2.822 | 2.392 | 2.549 | 2.945 | 2.890 |
| Tungsten, U.S. spot ore | \$/ltu | 34.721 | 53.417 | 49.325 | 34.800 | 36.750 | 56.402 | 55.000 |
| Uranium, U ₃ O ₈ | \$/lb | 24.000 | 21.000 | 19.000 | 15.000 | 14.000 | 13.000 | 13.000 |
| Zinc, special high grade | ¢/lb | 68.850 | 50.647 | 56.235 | 43.635 | 45.255 | 53.235 | 51.109 |

Source: *Metals Week*.

COMEX: Commodities Exchange Inc.

^r Revised.¹ Prices, except where noted, are in U.S. currency. ² Average afternoon fixings of London bullion dealers.

TABLE 19. CANADIAN AVERAGE ANNUAL PRICES OF SELECTED METALS, 1990-96

| | Unit | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|---|--------|---------|---------|---------|---------|---------|---------------------|---------|
| Aluminum, London Metal Exchange | \$/kg | 1.913 | 1.492 | 1.516 | 1.469 | 2.017 | 2.478 | 2.054 |
| Antimony, New York dealer | \$/kg | 2.104 | 2.092 | 2.107 | 2.187 | 5.350 | 6.893 | 4.408 |
| Bismuth, New York dealer | \$/kg | 8.936 | 7.500 | 6.676 | 6.684 | 9.243 | 11.441 | 10.663 |
| Cadmium, New York dealer | \$/kg | 8.689 | 4.986 | 2.416 | 1.283 | 3.444 | 5.565 | 3.723 |
| Calcium, metal crowns (Producer Price List) | \$/kg | 9.904 | 9.725 | 10.256 | 10.950 | 11.592 | 11.649 | 11.577 |
| Chrome, U.S. metal, 9% carbon | \$/kg | 10.909 | 11.208 | 11.987 | 12.799 | 13.549 | 14.297 | 15.487 |
| Cobalt, metal, shot/cathode/250 kg | \$/kg | 21.608 | 27.787 | 64.731 | 51.195 | 59.916 | 81.906 | 82.695 |
| Copper, electrolytic cathode, COMEX | \$/kg | 3.192 | 2.733 | 2.736 | 2.426 | 3.223 | 4.076 | 3.184 |
| Gold, London ¹ | \$/g | 14.385 | 13.342 | 13.353 | 14.922 | 16.861 | 16.952 | 17.002 |
| Iridium, New York dealer | \$/g | 11.528 | 10.365 | 6.028 | 1.894 | 1.317 | 1.324 | 2.026 |
| Iron ore, taconite pellets | ¢/mtu | 83.200 | 81.702 | 86.159 | 91.992 | 97.382 | 97.867 | 97.261 |
| Lead, London Metal Exchange, cash | ¢/kg | 80.947 | 55.709 | 54.088 | 40.602 | 54.739 | 63.052 ^r | 77.204 |
| Magnesium, U.S. primary ingot (Producer Price List) | \$/kg | 4.149 | 3.612 | 3.831 | 4.352 | 4.631 | 5.462 | 5.804 |
| Manganese, U.S. metal, regular | \$/kg | 2.390 | 2.627 | 2.770 | 2.958 | 3.131 | 3.306 | 3.458 |
| Molybdenum, dealer, oxide | \$/kg | 7.221 | 5.934 | 5.852 | 6.482 | 13.552 | 22.428 | 10.844 |
| Nickel, New York dealer, cathode | \$/kg | 10.480 | 9.589 | 8.463 | 6.906 | 8.789 | 11.804 | 10.528 |
| Osmium, New York dealer | \$/g | 15.510 | 14.735 | 15.539 | 16.591 | 17.563 | 17.623 | 17.211 |
| Palladium, London PM fix | \$/g | 4.311 | 3.252 | 3.427 | 5.075 | 6.263 | 6.673 | 5.617 |
| Platinum, London PM fix | \$/g | 17.691 | 13.854 | 13.977 | 15.514 | 17.783 | 18.725 | 17.417 |
| Rhodium, New York dealer | \$/g | 133.743 | 137.743 | 91.879 | 44.220 | 31.292 | 18.716 | 12.311 |
| Ruthenium, New York dealer | \$/g | 2.285 | 2.035 | 1.109 | 0.539 | 0.597 | 0.963 | 1.531 |
| Selenium, New York dealer | \$/kg | 14.601 | 13.239 | 13.178 | 13.936 | 14.753 | 14.818 | 10.293 |
| Silver, Handy & Harman, Toronto | \$/kg | 182.691 | 148.790 | 152.905 | 178.354 | 232.011 | 229.107 | 227.293 |
| Tantalum, tantalite ore, spot | \$/kg | 77.369 | 72.089 | 72.896 | 73.522 | 76.777 | 79.459 | 81.192 |
| Tin, New York dealer | \$/kg | 7.401 | 6.537 | 7.517 | 6.803 | 7.675 | 8.911 | 8.690 |
| Tungsten, U.S. spot ore | \$/mtu | 39.873 | 60.239 | 58.658 | 44.186 | 49.397 | 76.189 | 73.835 |
| Uranium, U | \$/kg | 71.000 | 61.000 | 59.000 | 50.000 | 51.000 | 47.000 | 47.000 |
| Zinc, special high grade | \$/kg | 1.771 | 1.279 | 1.498 | 1.241 | 1.363 | 1.611 | 1.537 |

Source: *Metals Week*.

COMEX: Commodities Exchange Inc.

^r Revised.¹ Average afternoon fixings of London bullion dealers.TABLE 20. CANADA, PRINCIPAL STATISTICS OF THE MINERAL INDUSTRY,¹ 1994

| | Establish-ments | 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 | 48 | 7 033 | 15 196 | 392 175 | 135 160 | 547 641 | 2 302 648 | 1 619 846 | 9 192 | 508 842 | 1 632 732 |
| Silver-lead-zinc | 5 | 1 756 | 4 012 | 86 556 | 32 846 | 482 919 | 854 539 | 338 773 | 2 645 | 142 518 | 337 876 |
| Uranium | 4 | 1 229 | 2 517 | 60 406 | 41 135 | 94 752 | 590 490 | 454 604 | 1 503 | 81 662 | 452 766 |
| Iron | 5 | 3 498 | 7 758 | 232 509 | 149 821 | 367 336 | 1 168 289 | 651 132 | 4 700 | 315 505 | 658 619 |
| Nickel-copper-zinc | 21 | 10 639 | 22 751 | 575 199 | 201 835 | 1 560 075 | 4 242 453 | 2 480 542 | 14 463 | 813 580 | 2 509 835 |
| Miscellaneous metal mines ³ | 5 | 654 | 1 418 | 29 442 | 14 929 | 42 847 | 174 509 | 116 734 | 877 | 40 254 | 118 812 |
| Total | 88 | 24 809 | 53 652 | 1 376 286 | 575 726 | 3 095 571 | 9 332 928 | 5 661 631 | 33 380 | 1 902 362 | 5 710 639 |
| INDUSTRIAL MINERALS | | | | | | | | | | | |
| Asbestos | 3 | 1 685 | 3 832 | 72 889 | 28 189 | 58 058 | 238 355 | 152 109 | 2 159 | 97 950 | 151 998 |
| Peat | 62 | 1 530 | 3 311 | 32 854 | 6 649 | 26 766 | 167 434 | 134 019 | 1 928 | 43 339 | 137 122 |
| Gypsum | 10 | 587 | 1 377 | 22 210 | 7 746 | 20 891 | 96 711 | 68 075 | 693 | 27 262 | 67 879 |
| Potash | 11 | 2 706 | 6 017 | 140 037 | 127 512 | 137 398 | 1 277 553 | 1 012 643 | 3 644 | 194 461 | 1 010 431 |
| Miscellaneous nonmetals ⁴ | 31 | 1 586 | 3 512 | 68 287 | 34 400 | 64 546 | 417 418 | 318 472 | 2 203 | 97 968 | 319 588 |
| Stone | 135 | 1 998 | 4 559 | 75 943 | 34 328 | 88 778 | 418 781 | 295 675 | 2 681 | 104 524 | 297 629 |
| Sand and gravel | 183 | 1 910 | 4 467 | 67 462 | 32 580 | 71 969 | 341 039 | 236 490 | 2 619 | 92 441 | 244 425 |
| Total | 435 | 12 002 | 27 075 | 479 682 | 271 403 | 468 406 | 2 957 291 | 2 217 482 | 15 927 | 657 945 | 2 229 072 |
| MINERAL FUELS | | | | | | | | | | | |
| Oil, crude and natural gas | 671 | 7 440 | 14 975 | 422 524 | 513 980 | 1 547 755 | 21 837 412 | 19 775 677 | 27 963 | 1 841 007 | 19 775 677 |
| Coal | 32 | 7 397 | 15 573 | 372 096 | 120 309 | 374 247 | 1 587 038 | 1 092 482 | 9 013 | 459 505 | 1 127 742 |
| Total | 703 | 14 837 | 30 548 | 794 620 | 634 289 | 1 922 002 | 23 424 450 | 20 868 159 | 36 976 | 2 300 512 | 20 903 419 |
| Total mineral industry | 1 226 | 51 648 | 111 275 | 2 650 589 | 1 481 418 | 5 485 978 | 35 714 669 | 28 747 273 | 86 283 | 4 860 819 | 28 843 130 |

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 molybdenum. ⁴ Includes salt.

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

TABLE 20a. CANADA, PRINCIPAL STATISTICS OF THE MINERAL INDUSTRY, 1 1993

| | Mining Activity | | | | | | | | Total Activity ² | | |
|--|--------------------------|--------------------------------|----------------------------|------------------------------|-------------------------|---------------------------|-------------------------------|-------------------------------|-----------------------------|-----------------------|-------------------------------|
| | 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 Production | Value Added | | | |
| (number) | (number) | (000) | (\$000) | (\$000) | (\$000) | (\$000) | (\$000) | (number) | (\$000) | (\$000) | |
| METALS | | | | | | | | | | | |
| Gold | 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 | 7 | 2 016 | 4 455 | 93 157 | 36 539 | 449 811 | 741 638 | 255 288 | 3 134 | 157 265 | 255 803 |
| Uranium | 4 | 1 175 | 2 426 | 56 921 | 36 478 | 66 037 | 531 068 | 428 553 | 1 467 | 74 178 | 427 048 |
| Iron | 5 | 3 484 | 7 713 | 219 083 | 137 942 | 335 349 | 984 332 | 511 041 | 4 648 | 296 304 | 512 192 |
| Nickel-copper-zinc | 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 | 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 | 1 347 090 | 574 299 | 3 144 124 | 8 489 397 | 4 770 973 | 34 738 | 1 906 825 | 4 785 221 |
| INDUSTRIAL MINERALS | | | | | | | | | | | |
| Asbestos | 3 | 1 729 | 3 677 | 73 664 | 29 584 | 57 289 | 233 710 | 146 837 | 2 253 | 100 082 | 147 478 |
| Peat | 59 | 1 296 | 2 840 | 32 027 | 5 981 | 27 168 | 161 416 | 128 267 | 1 624 | 42 646 | 128 500 |
| Gypsum | 10 | 580 | 1 318 | 21 213 | 7 877 | 16 772 | 81 255 | 56 606 | 698 | 26 335 | 56 363 |
| Potash | 11 | 2 754 | 6 041 | 123 418 | 103 692 | 116 411 | 970 668 | 750 564 | 3 657 | 174 845 | 747 835 |
| Miscellaneous nonmetals ⁴ | 31 | 1 615 | 3 558 | 65 885 | 31 618 | 60 378 | 385 794 | 293 798 | 2 268 | 97 307 | 293 181 |
| Stone | 112 | 1 826 | 4 115 | 69 399 | 31 870 | 86 019 | 365 508 | 247 620 | 2 448 | 96 920 | 250 176 |
| Sand and gravel | 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 | | | | | | | | | | | |
| Oil, crude and natural gas | 626 | 7 155 | 14 429 | 394 238 | 477 458 | 1 464 121 | 19 058 705 | 17 117 126 | 26 598 ^r | 1 706 648 | 17 117 126 |
| Coal | 34 ^r | 7 204 ^r | 14 776 ^r | 334 274 ^r | 123 809 | 365 233 | 1 666 110 ^r | 1 177 068 ^r | 8 860 ^r | 419 352 | 1 219 127 ^r |
| Total | 660^r | 14 359^r | 29 205^r | 728 512^r | 601 267 | 1 829 354 | 20 724 815^r | 18 294 194^r | 35 458^r | 2 126 000 | 18 336 253^r |
| Total mineral industry | 1 085^r | 51 208^r | 109 162^r | 2 534 141^r | 1 411 010 | 5 396 075 | 31 657 697^r | 24 850 612^r | 84 915^r | 4 635 441 | 24 910 146^r |

Sources: Natural Resources Canada; Statistics Canada.

^r Revised.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 21. CANADA, PRINCIPAL STATISTICS OF THE MINERAL MANUFACTURING INDUSTRIES, 1994

| | Mineral Manufacturing Activity | | | | | | | | Total Activity ¹ | | | | |
|--|--------------------------------|----------------|-------------------|------------------|----------------------|------------------------|-------------------|-------------------|-----------------------------|-------------------|-------------------|--------------------|-------------|
| | Production and Related Workers | | | | Costs | | | | Value of Shipments | Value Added | Employees | Salaries and Wages | Value Added |
| | Establish-ments | Employees | Person-Hours Paid | Wages | Fuel and Electricity | Materials and Supplies | | | | | | | |
| (number) | (number) | (000) | (\$000) | (\$000) | (\$000) | (\$000) | (\$000) | (\$000) | (number) | (\$000) | (\$000) | | |
| PRIMARY METAL INDUSTRIES | | | | | | | | | | | | | |
| Smelting and refining | 36 | 17 573 | 38 890 | 877 843 | 724 636 | 2 851 969 | 6 967 044 | 3 435 967 | 24 231 | 1 265 148 | 3 450 655 | | |
| Primary steel | 62 | 25 948 | 59 504 | 1 277 469 | 644 131 | 5 351 059 | 9 697 303 | 3 699 579 | 33 097 | 1 678 540 | 3 670 283 | | |
| Wire and wire products industries ² | 254 | 9 589 | 20 210 | 306 373 | 48 081 | 998 167 | 1 887 638 | 849 288 | 12 386 | 425 881 | 876 990 | | |
| Steel pipe and tube | 53 | 4 813 | 10 377 | 196 009 | 26 421 | 1 359 172 | 2 018 019 | 626 080 | 5 889 | 258 590 | 630 768 | | |
| Iron foundries | 70 | 6 449 | 15 240 | 285 794 | 72 916 | 381 219 | 1 065 212 | 606 210 | 7 412 | 334 976 | 615 997 | | |
| Aluminum rolling, casting and extruding | 66 | 4 715 | 10 474 | 191 578 | 40 801 | 1 775 320 | 2 180 604 | 411 798 | 5 763 | 247 796 | 407 323 | | |
| Metal rolling, casting and extruding n.e.s. | 88 | 4 690 | 9 913 | 167 328 | 28 280 | 494 467 | 970 832 | 455 695 | 5 431 | 208 560 | 453 207 | | |
| Copper and alloy rolling, casting and extruding | 31 | 1 785 | 3 807 | 66 759 | 15 882 | 360 830 | 542 810 | 173 377 | 2 092 | 80 770 | 173 657 | | |
| Total | 660 | 75 562 | 168 415 | 3 369 153 | 1 601 148 | 13 572 203 | 25 329 462 | 10 257 994 | 96 301 | 4 500 261 | 10 278 880 | | |
| NONMETALLIC MINERAL PRODUCTS INDUSTRIES | | | | | | | | | | | | | |
| Ready-mix concrete | 668 | 8 320 | 17 410 | 272 403 | 65 005 | 927 771 | 1 636 338 | 643 939 | 10 389 | 358 269 | 652 168 | | |
| Cement | 20 | 1 771 | 3 825 | 85 114 | 152 300 | 202 273 | 895 418 | 525 446 | 2 762 | 143 214 | 537 201 | | |
| Glass products | 128 | 4 151 | 8 821 | 126 892 | 20 832 | 339 312 | 702 193 | 336 082 | 4 974 | 162 242 | 350 825 | | |
| Primary glass and glass containers | 22 | 3 459 | 7 639 | 130 440 | 69 127 | 187 910 | 669 768 | 425 088 | 4 385 | 175 020 | 426 877 | | |
| Mineral insulating products | 32 | 1 644 | 3 514 | 56 453 | 32 230 | 127 854 | 397 188 | 236 695 | 2 262 | 88 383 | 333 457 | | |
| Other concrete products | 249 | 2 961 | 6 147 | 82 921 | 15 217 | 170 716 | 447 458 | 262 160 | 4 006 | 125 116 | 277 372 | | |
| Structural concrete products | 61 | 1 502 | 3 117 | 49 963 | 4 197 | 83 717 | 221 757 | 134 809 | 1 859 | 64 319 | 134 375 | | |
| Other nonmetallic mineral products | 145 | 1 831 | 3 722 | 53 139 | 10 475 | 98 044 | 267 225 | 158 408 | 2 413 | 77 589 | 169 021 | | |
| Refractory products | 29 | 1 131 | 2 259 | 35 603 | 7 507 | 92 248 | 207 071 | 108 726 | 1 537 | 55 371 | 120 270 | | |
| Gypsum products | 31 | 1 447 | 3 199 | 56 389 | 33 838 | 221 268 | 414 237 | 160 638 | 1 967 | 83 111 | 167 373 | | |
| Concrete pipe | 41 | 1 031 | 2 186 | 34 053 | 5 641 | 68 731 | 186 831 | 114 397 | 1 330 | 47 066 | 118 178 | | |
| Lime | 13 | 591 | 1 332 | 26 628 | 43 326 | 31 728 | 179 723 | 104 298 | 763 | 35 791 | 105 941 | | |
| Abrasives | 28 | 1 121 | 2 347 | 33 319 | 28 341 | 96 834 | 261 620 | 131 031 | 1 335 | 44 204 | 135 379 | | |
| Clay products (domestic) | 17 | 534 | 1 110 | 16 967 | 13 401 | 14 183 | 102 329 | 70 547 | 840 | 31 017 | 73 506 | | |
| Clay products (imported) | 31 | 671 | 1 416 | 19 435 | 4 485 | 23 358 | 81 060 | 49 041 | 807 | 24 676 | 50 284 | | |
| Asbestos products industry | 7 | 179 | 381 | 3 828 | 494 | 12 085 | 28 223 | 16 892 | 284 | 8 260 | 19 949 | | |
| Total | 1 522 | 32 344 | 68 426 | 1 083 547 | 506 416 | 2 698 032 | 6 898 439 | 3 478 197 | 41 913 | 1 523 648 | 3 672 176 | | |
| FABRICATED METAL PRODUCTS INDUSTRIES | | | | | | | | | | | | | |
| Stamped and pressed metal products industries | 864 | 23 359 | 51 604 | 741 421 | 102 135 | 2 620 361 | 4 676 003 | 1 952 967 | 29 518 | 975 884 | 1 969 701 | | |
| Fabricated structural metal products industries | 419 | 11 871 | 24 344 | 390 131 | 30 480 | 944 438 | 1 887 483 | 927 510 | 15 342 | 529 956 | 948 357 | | |
| Hardware, tool and cutlery industry | 728 | 18 560 | 39 981 | 620 524 | 32 633 | 758 725 | 2 197 258 | 1 463 621 | 21 716 | 785 019 | 1 491 225 | | |
| Other metal fabricating industries | 509 | 12 071 | 24 988 | 360 208 | 38 412 | 969 510 | 1 984 106 | 999 214 | 15 630 | 517 619 | 1 056 844 | | |
| Machine shop industry | 1 401 | 17 716 | 36 795 | 530 081 | 30 137 | 622 285 | 1 845 750 | 1 206 624 | 21 290 | 682 606 | 1 228 059 | | |
| Ornamental and architectural metal products industries | 674 | 10 840 | 22 406 | 288 739 | 22 413 | 948 592 | 1 750 845 | 796 720 | 14 484 | 434 009 | 813 908 | | |
| Power boiler and heat exchanger industry | 38 | 3 430 | 6 351 | 129 329 | 8 530 | 594 240 | 986 214 | 448 646 | 5 167 | 204 887 | 453 356 | | |
| Heating equipment industry | 116 | 3 797 | 7 906 | 95 191 | 6 966 | 283 357 | 599 226 | 311 591 | 4 919 | 144 438 | 315 726 | | |
| Total | 4 749 | 102 644 | 214 375 | 3 155 624 | 271 706 | 7 741 508 | 15 926 885 | 8 106 893 | 128 066 | 4 274 418 | 8 277 176 | | |
| PETROLEUM AND COAL PRODUCTS INDUSTRIES | | | | | | | | | | | | | |
| Petroleum refining products | 34 | 4 913 | 10 124 | 271 682 | 336 289 | 13 979 629 | 16 586 058 | 2 381 764 | 10 262 | 607 940 | 2 386 650 | | |
| Lubricating oils and greases | 27 | 939 | 1 935 | 36 586 | 21 441 | 373 311 | 608 735 | 227 015 | 1 877 | 82 264 | 236 809 | | |
| Other petroleum and coal products | 107 | 1 010 | 2 196 | 33 791 | 17 778 | 210 333 | 340 722 | 113 711 | 1 415 | 51 960 | 142 250 | | |
| Total | 168 | 6 862 | 14 255 | 342 059 | 375 508 | 14 563 273 | 17 535 515 | 2 722 490 | 13 554 | 742 164 | 2 765 709 | | |
| Total mineral manufacturing industries | 7 099 | 217 412 | 397 045 | 7 950 383 | 2 754 778 | 38 575 016 | 65 490 301 | 24 565 574 | 279 834 | 11 040 491 | 24 993 941 | | |

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 22. CANADA, PRINCIPAL STATISTICS OF THE MINERAL INDUSTRY¹ BY REGION, 1994

| | Mines, Quarries and Oil Wells Activity | | | | | | | | Total Activity ² | | |
|---|--|--------------------------------|-----------------------|-----------|-------------------------|---------------------------|------------------------|----------------|-----------------------------|-----------------------|----------------|
| | Establish- ments | Production and Related Workers | | | Costs | | | Value Added | Employees | Salaries and Wages | Value Added |
| | | Employees | Person- Hours Paid | Wages | Fuel and Electricity | Materials and Supplies | Value of Production | | | | |
| | (number) | (number) | (000) | (\$000) | (\$000) | (\$000) | (\$000) | (number) | (\$000) | (\$000) | |
| Atlantic provinces ³ | 81 | 6 600 | 14 053 | 320 672 | 123 600 | 595 460 | 1 876 301 | 1 157 241 | 8 400 | 411 768 | 1 156 508 |
| Quebec | 206 | 8 941 | 19 856 | 424 051 | 209 857 | 738 425 | 2 446 369 | 1 498 087 | 12 553 | 617 038 | 1 538 746 |
| Ontario | 149 | 11 976 | 26 102 | 617 640 | 202 698 | 1 082 429 | 4 122 064 | 2 836 937 | 15 918 | 847 176 | 2 837 086 |
| Prairie provinces | 596 | 16 055 | 33 284 | 836 443 | 743 069 | 2 092 619 | 23 012 681 | 20 176 993 | 38 726 | 2 380 178 | 20 205 907 |
| British Columbia ⁴ | 173 | 6 902 | 15 142 | 376 684 | 177 565 | 831 120 | 3 602 605 | 2 593 919 | 8 773 | 491 686 | 2 605 717 |
| Yukon and Northwest Territories ⁵ | 21 | 1 174 | 2 837 | 75 099 | 24 630 | 145 924 | 654 649 | 484 095 | 1 913 | 112 974 | 499 166 |
| Total | 1 226 | 51 648 | 111 275 | 2 650 589 | 1 481 418 | 5 485 978 | 35 714 669 | 28 747 273 | 86 283 | 4 860 819 | 28 843 130 |

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 22a. 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 Added | Employees | Salaries and Wages | Value Added |
| | | Employees | Person- Hours Paid | Wages | Fuel and Electricity | Materials and Supplies | Value of Production | | | | |
| | (number) | (number) | (000) | (\$000) | (\$000) | (\$000) | (\$000) | (number) | (\$000) | (\$000) | |
| Atlantic provinces ³ | 78 ^r | 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 | 15 575 ^r | 32 009 ^r | 762 474 ^r | 680 255 | 1 981 158 | 20 241 094 ^r | 17 579 680 ^r | 37 062 ^r | 2 178 073 | 17 608 452 ^r |
| 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 | 1 786 ^r | 120 889 | 430 919 |
| Total | 1 085 ^r | 51 208 ^r | 109 162 ^r | 2 534 141 ^r | 1 411 010 | 5 396 075 | 31 657 697 ^r | 24 850 612 ^r | 84 915 ^r | 4 635 441 | 24 910 146 ^r |

Sources: Natural Resources Canada; Statistics Canada.

^r Revised.

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 23. CANADA, PRINCIPAL STATISTICS OF THE MINERAL MANUFACTURING INDUSTRIES BY REGION, 1994

| | Mineral Manufacturing Activity | | | | | | | | Total Activity ¹ | | |
|---|--------------------------------|-----------|-------------------|-----------|----------------------|------------------------|--------------------|-------------|-----------------------------|--------------------|-------------|
| | Production and Related Workers | | | | Costs | | | | Employees | Salaries and Wages | Value Added |
| | Establish-ments | 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 | 9 | x | x | x | x | x | x | x | x | x | x |
| Quebec | 107 | 17 913 | 39 525 | 824 063 | 703 718 | 3 575 457 | 7 672 815 | 3 418 655 | 24 030 | 1 157 645 | 3 419 262 |
| Ontario | 201 | 38 681 | 88 087 | 1 822 252 | 683 982 | 6 936 563 | 12 323 272 | 4 762 474 | 48 015 | 2 355 718 | 4 738 784 |
| Prairie provinces | 47 | x | x | x | x | x | x | x | x | x | x |
| British Columbia | 42 | 3 573 | 8 097 | 169 302 | 22 353 | 418 463 | 885 998 | 445 738 | 4 758 | 238 373 | 466 170 |
| Yukon and Northwest Territories | — | — | — | — | — | — | — | — | — | — | — |
| Total Canada | 406 | 65 973 | 121 874 | 3 062 780 | 1 553 067 | 12 574 036 | 23 441 824 | 9 408 706 | 83 915 | 4 074 380 | 9 401 890 |
| NONMETALLIC MINERAL PRODUCTS INDUSTRY | | | | | | | | | | | |
| Atlantic provinces | 117 | 1 613 | 3 365 | 43 951 | 20 822 | 104 876 | 257 989 | 131 585 | 2 128 | 61 458 | 130 590 |
| Quebec | 407 | 7 839 | 16 055 | 238 778 | 119 333 | 621 575 | 1 551 425 | 805 290 | 10 704 | 359 693 | 836 935 |
| Ontario | 529 | 15 072 | 32 476 | 531 049 | 254 422 | 1 208 021 | 3 068 305 | 1 598 538 | 19 190 | 730 510 | 1 735 556 |
| Prairie provinces | 275 | 4 154 | 8 844 | 131 218 | 62 183 | 389 416 | 956 648 | 501 777 | 5 341 | 188 666 | 521 790 |
| British Columbia | 194 | 3 666 | 7 686 | 138 551 | 49 656 | 374 144 | 864 072 | 441 007 | 4 550 | 183 321 | 447 305 |
| Yukon and Northwest Territories | — | — | — | — | — | — | — | — | — | — | — |
| Total Canada | 1 522 | 32 344 | 68 426 | 1 083 547 | 506 416 | 2 698 032 | 6 698 439 | 3 478 197 | 41 913 | 1 523 648 | 3 672 176 |
| FABRICATED METAL PRODUCTS INDUSTRY² | | | | | | | | | | | |
| Atlantic provinces | 156 | 2 474 | 5 051 | 68 446 | 4 896 | 157 433 | 329 582 | 171 658 | 3 325 | 97 767 | 189 198 |
| Quebec | 1 283 | 23 119 | 47 526 | 664 695 | 72 241 | 1 806 063 | 3 723 535 | 1 869 832 | 31 200 | 958 421 | 1 907 785 |
| Ontario | 2 424 | 65 648 | 138 395 | 2 071 213 | 193 022 | 5 153 813 | 10 420 882 | 5 217 204 | 79 151 | 2 728 584 | 5 312 562 |
| Prairie provinces | 634 | 12 636 | 26 167 | 371 376 | 30 146 | 928 457 | 1 912 202 | 981 411 | 16 109 | 521 825 | 1 011 265 |
| British Columbia | 506 | 8 356 | 17 446 | 286 267 | 19 482 | 693 909 | 1 428 322 | 716 076 | 10 667 | 393 702 | 733 356 |
| Yukon and Northwest Territories | — | — | — | — | — | — | — | — | — | — | — |
| Total Canada | 5 003 | 112 233 | 234 585 | 3 461 997 | 319 787 | 8 739 675 | 17 814 523 | 8 956 181 | 140 452 | 4 700 299 | 9 154 166 |
| PETROLEUM AND COAL PRODUCTS INDUSTRY | | | | | | | | | | | |
| Atlantic provinces | 11 | x | x | x | x | x | x | x | x | x | x |
| Quebec | 37 | 1 195 | 2 445 | 61 682 | 71 454 | 2 624 210 | 3 152 514 | 500 955 | 2 002 | 106 012 | 508 443 |
| Ontario | 73 | 2 670 | 5 608 | 138 430 | 158 500 | 5 090 374 | 6 336 246 | 1 125 498 | 6 116 | 363 242 | 1 138 254 |
| Prairie provinces | 33 | x | x | x | x | x | x | x | x | x | x |
| British Columbia | 13 | 503 | 1 033 | 26 376 | 16 661 | 1 071 195 | 1 479 706 | 397 178 | 1 020 | 54 811 | 408 628 |
| Yukon and Northwest Territories | 1 | x | x | x | x | x | x | x | x | x | x |
| Total Canada | 168 | 6 862 | 14 255 | 342 059 | 375 508 | 14 563 273 | 17 535 515 | 2 722 490 | 13 554 | 742 164 | 2 765 709 |
| TOTAL MINERAL MANUFACTURING INDUSTRIES | | | | | | | | | | | |
| Atlantic provinces | 293 | x | x | x | x | x | x | x | x | x | x |
| Quebec | 1 834 | 50 066 | 46 816 | 1 789 218 | 966 746 | 8 627 305 | 16 100 289 | 6 594 732 | 67 936 | 2 581 771 | 6 672 425 |
| Ontario | 3 227 | 122 071 | 136 907 | 4 562 944 | 1 289 926 | 18 388 771 | 32 148 705 | 12 703 714 | 152 472 | 6 178 054 | 12 925 156 |
| Prairie provinces | 989 | x | x | x | x | x | x | x | x | x | x |
| British Columbia | 755 | 16 098 | 18 390 | 620 496 | 108 152 | 2 557 711 | 4 658 098 | 1 999 999 | 20 995 | 870 207 | 2 055 459 |
| Yukon and Northwest Territories | 1 | x | x | x | x | x | x | x | x | x | x |
| Total Canada | 7 099 | 217 412 | 397 045 | 7 950 383 | 2 754 778 | 38 575 016 | 65 490 301 | 24 565 574 | 279 834 | 11 040 491 | 24 993 941 |

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), which is normally included in Primary Metals, is included in Fabricated Metal Products.

TABLE 24. CANADA, PRINCIPAL STATISTICS OF THE MINERAL INDUSTRY,¹ 1982-94

| | Mines, Quarries and Oil Wells Activity | | | | | | | | Total Activity ² | | |
|----------|--|---------------------|-----------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|-----------------------------|-----------------------|-------------------------|
| | Production and Related Workers | | | | Costs | | | | | | |
| | Establish- ments | Employees | Person- Hours Paid | Wages | Fuel and Electricity | Materials and Supplies | Value of Production | Value Added | Employees | Salaries and Wages | Value Added |
| (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 | 30 697 950 ^r | 23 623 737 ^r | 89 935 | 4 982 563 | 23 695 092 ^r |
| 1993 | 1 085 ^r | 51 208 ^r | 109 162 ^r | 2 534 141 ^r | 1 411 010 | 5 396 075 | 31 657 697 ^r | 24 850 612 ^r | 84 915 ^r | 4 635 441 | 24 910 146 ^r |
| 1994 | 1 226 | 51 648 | 111 275 | 2 650 589 | 1 481 418 | 5 485 978 | 35 714 669 | 28 747 273 | 86 283 | 4 860 819 | 28 843 130 |

Sources: Natural Resources Canada; Statistics Canada.

^r Revised.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 25. CANADA, PRINCIPAL STATISTICS OF THE MINERAL MANUFACTURING INDUSTRIES,¹ 1982-94**

| | Mineral Manufacturing Activity | | | | | | | | Total Activity ² | | |
|----------|--------------------------------|-----------|-----------------------|-----------|-------------------------|---------------------------|-----------------------|----------------|-----------------------------|-----------------------|----------------|
| | Production and Related Workers | | | | Costs | | | | | | |
| | Establish- ments | 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 |
| 1994 | 7 099 | 217 412 | 397 045 | 7 950 383 | 2 754 778 | 38 575 016 | 65 490 301 | 24 565 574 | 279 834 | 11 040 491 | 24 993 941 |

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 26. CANADA, CONSUMPTION OF FUEL AND ELECTRICITY IN THE MINERAL INDUSTRY,¹ 1994

| | Unit | Metals | Industrials ² | Total |
|---|-----------------------------|--------------------|--------------------------|--------------------|
| Coal | 000 t \$000 | 33 1 273 | – – | 33 1 273 |
| Gasoline | 000 litres \$000 | 14 625 6 444 | 15 366 7 238 | 29 991 13 682 |
| Fuel oil, kerosene, diesel oil | 000 litres \$000 | 676 306 137 986 | 220 944 66 377 | 897 250 204 363 |
| Liquefied petroleum gas | 000 litres \$000 | 108 039 22 330 | 16 202 3 101 | 124 241 25 431 |
| Natural gas | 000 m ³ \$000 | 110 900 13 065 | 772 771 60 968 | 883 671 74 033 |
| Other fuels ³ | \$000 | 26 504 | 1 592 | 28 096 |
| Total value of fuels | \$000 | 207 602 | 139 275 | 346 877 |
| Electricity purchased | million kWh \$000 | 10 705 368 124 | 2 662 132 128 | 13 367 500 252 |
| Total value of fuels and electricity purchased, all reporting companies | \$000 | 575 726 | 271 403 | 847 129 |

Sources: Natural Resources Canada; Statistics Canada.
– Nil.

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 27. CANADA, COST OF FUEL AND ELECTRICITY USED IN THE NON-FUEL MINERAL INDUSTRY,¹ 1990-94

| | Unit | 1990 | 1991 | 1992 | 1993 | 1994 |
|------------------------------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| METALS | | | | | | |
| Fuel | \$000 | 270 811 | 263 207 | 212 635 | 194 325 | 207 602 |
| Electricity purchased | million kWh \$000 | 13 097 411 002 | 12 390 404 491 | 11 347 399 545 | 10 743 379 974 | 10 705 368 124 |
| Total cost of fuel and electricity | \$000 | 681 814 | 667 698 | 612 179 | 574 299 | 575 726 |
| INDUSTRIALS² | | | | | | |
| Fuel | \$000 | 131 080 | 124 709 | 112 093 | 113 834 | 139 275 |
| Electricity purchased | million kWh \$000 | 2 842 114 151 | 2 453 114 471 | 2 485 118 004 | 2 459 121 610 | 2 662 132 128 |
| Total cost of fuel and electricity | \$000 | 245 232 | 239 180 | 230 096 | 235 444 | 271 403 |
| TOTAL MINERAL INDUSTRY | | | | | | |
| Fuel | \$000 | 401 891 | 387 916 | 324 728 | 308 160 | 346 877 |
| Electricity purchased | million kWh \$000 | 15 939 525 153 | 14 843 518 962 | 13 832 517 549 | 13 202 501 583 | 13 367 500 252 |
| Total cost of fuel and electricity | \$000 | 927 046 | 906 878 | 842 275 | 809 743 | 847 129 |

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 28. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY, STAGE I – MINERAL EXTRACTION AND CONCENTRATING (TOTAL ACTIVITY),¹ 1961-96

| | 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 | 34 746 | 10 500 | 4 219 | 49 465 | 8 860 | 26 598 | 84 923 |
| 1994 | 33 380 | 10 627 | 5 300 | 49 307 | 9 013 | 27 963 | 86 283 |
| 1995 ^p | 34 398 | 10 671 | 5 341 | 50 410 | 9 412 | 27 991 | 87 813 |
| 1996 ^f | 34 155 | 10 188 | 4 905 | 49 248 | 9 549 | 27 482 | 86 279 |

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

^f Forecast; ^p Preliminary.¹ Total activity includes sales and head offices.

TABLE 29. CANADA, EMPLOYMENT IN THE NON-FUEL MINERAL INDUSTRY, STAGE I – MINERAL EXTRACTION AND CONCENTRATING (TOTAL ACTIVITY),¹ 1961-96

| | 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 | 795 | 2 253 | 1 624 | 698 | 3 657 | 2 268 | 2 448 | 1 771 | 49 465 |
| 1994 | 9 192 | 1 503 | 4 700 | 14 463 | 2 645 | 877 | 2 159 | 1 928 | 693 | 3 644 | 2 203 | 2 681 | 2 619 | 49 307 |
| 1995 ^p | 9 472 | 1 549 | 4 843 | 14 904 | 2 726 | 904 | 2 168 | 1 936 | 696 | 3 659 | 2 212 | 2 497 | 2 844 | 50 410 |
| 1996 ^f | 9 406 | 1 538 | 4 809 | 14 799 | 2 706 | 897 | 2 070 | 1 848 | 664 | 3 493 | 2 112 | 2 329 | 2 575 | 49 248 |

Sources: Natural Resources Canada; Statistics Canada.

SIC: Standard Industrial Classification, 1980.

^f Forecast; ^p Preliminary.

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 30. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY,
STAGE II – SMELTING AND REFINING (TOTAL ACTIVITY),¹
1961-96**

| SIC no. | Smelting/ Refining | Iron and Steel Mills | Total Primary Metals | Petroleum Refineries | Total Smelting and Refining |
|-------------------|-----------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|
| | 295 | 291 | 291, 295 (number) | 3611 | |
| 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 | 24 231 | 33 097 | 57 328 ^a | 10 262 | 67 590 |
| 1995 ^e | 25 645 | 35 501 | 61 146 ^a | 9 325 ^{pr} | 70 471 |
| 1996 ^f | 27 121 | 36 423 | 63 544 ^a | 9 288 ^{pr} | 72 832 |

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 31. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY, STAGE III – SEMI-FABRICATION (TOTAL ACTIVITY),¹ 1961-96

| 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 | 80 886 | 1 415 | 1 877 | 84 178 |
| 1995 ^e | 85 880 | 1 513 | 1 706 ^{pr} | 89 099 |
| 1996 ^f | 85 004 | 1 997 | 1 699 ^{pr} | 88 700 |

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 32. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY, STAGE III – NON-FUEL SEMI-FABRICATION (TOTAL ACTIVITY),¹ 1961-96

| 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 | 5 889 | 7 412 | 5 763 | 2 092 | 5 431 | 12 386 | 1 647 | 2 762 | 7 195 | 10 389 | 9 359 | 1 335 | 763 | 8 463 | 80 886 |
| 1995 ^e | 6 257 | 7 628 | 4 826 | 4 297 | 4 672 | 12 930 | 1 767 | 2 709 | 6 639 | 10 827 | 12 095 | 1 432 | 819 | 8 983 | 85 880 |
| 1996 ^f | 6 878 | 6 808 | 5 229 | 2 353 | 4 842 | 13 786 | 1 817 ^{pr} | 2 718 | 6 230 | 11 212 | 12 622 | 1 473 ^{pr} | 842 ^{pr} | 8 193 | 85 004 |

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 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 33. CANADA, EMPLOYMENT IN THE MINERAL INDUSTRY, STAGE IV – METALLIC MINERAL MANUFACTURING (TOTAL ACTIVITY),¹ 1961-96

| SIC no. | Boilers | Structural Metal Products | Ornamental Metal Products | Stamped, Pressed and Coated Products | Hardware Tools 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 | 5 167 | 15 342 | 14 484 | 29 518 | 21 716 | 4 919 | 21 290 | 15 630 | 128 066 |
| 1995 ^e | 4 350 | 14 372 | 14 309 | 26 766 | 17 933 | 4 832 | 29 323 | 22 116 | 134 001 |
| 1996 ^f | 4 199 | 13 728 | 19 390 | 24 786 | 20 080 | 7 165 | 31 467 | 22 082 | 142 897 |

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 34. CANADA, EMPLOYMENT FOR SERVICES INCIDENTAL TO MINES, QUARRIES AND OIL WELLS, 1961-96^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 | 33 577 | 1 684 | 10 602 | 45 863 |
| 1985 | 37 516 | 1 625 | 12 191 | 51 332 |
| 1986 | 31 480 | 2 198 | 11 582 | 45 260 |
| 1987 | 30 400 | 3 353 | 11 174 | 44 928 |
| 1988 | 32 376 | 3 201 | 12 384 | 47 961 |
| 1989 | 29 017 | 2 072 | 11 052 | 42 141 |
| 1990 | 28 138 | 1 848 | 9 540 | 39 525 |
| 1991 | 29 909 | 1 395 | 8 606 | 39 910 |
| 1992 | 23 074 | 1 143 | 6 957 | 31 174 |
| 1993 | 25 426 | 1 515 | 6 284 | 33 225 |
| 1994 | 32 909 | 1 744 | 7 810 | 42 463 |
| 1995 ^p | 28 177 | 1 910 | 7 963 | 38 050 |
| 1996 ^f | 25 843 | 1 910 | 7 004 | 34 756 |

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 35. CANADA, EMPLOYMENT, SALARIES AND WAGES IN THE MINERAL INDUSTRY,¹ 1987-94

| | Unit | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|--|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------------------|-----------|
| METALS | | | | | | | | | |
| Production and related workers | Number | 34 329 | 36 140 | 37 451 | 33 895 | 31 168 | 27 908 | 25 762 | 24 809 |
| Salaries and wages | \$000 | 1 327 119 | 1 539 838 | 1 707 653 | 1 674 050 | 1 627 254 | 1 532 118 | 1 374 090 | 1 376 286 |
| Annual average salary and wage | \$ | 38 659 | 42 608 | 45 597 | 49 389 | 52 209 | 54 899 | 53 338 | 55 475 |
| Administrative and office workers | Number | 11 167 | 12 137 | 11 954 | 11 353 | 10 924 | 9 866 | 8 976 | 8 571 |
| Salaries and wages | \$000 | 489 609 | 561 205 | 600 238 | 603 486 | 626 302 | 587 210 | 532 735 | 526 076 |
| Annual average salary and wage | \$ | 43 844 | 46 239 | 50 212 | 53 157 | 57 333 | 59 519 | 59 351 | 61 379 |
| Total metals | | | | | | | | | |
| Employees | Number | 45 496 | 48 277 | 49 405 | 45 248 | 42 092 | 37 774 | 34 738 | 33 380 |
| Salaries and wages | \$000 | 1 816 728 | 2 101 043 | 2 307 891 | 2 277 536 | 2 253 556 | 2 119 328 | 1 906 825 | 1 902 362 |
| Annual average salary and wage | \$ | 39 932 | 43 521 | 46 714 | 50 335 | 53 539 | 56 105 | 54 892 | 56 991 |
| INDUSTRIAL MINERALS² | | | | | | | | | |
| Production and related workers | Number | 12 989 | 12 969 | 12 976 | 12 702 | 11 699 | 11 107 | 11 087 | 12 002 |
| Salaries and wages | \$000 | 401 626 | 429 111 | 440 750 | 438 725 | 427 512 | 427 276 | 431 540 | 479 682 |
| Annual average salary and wage | \$ | 30 920 | 33 087 | 33 967 | 34 540 | 36 543 | 38 469 | 38 923 | 39 967 |
| Administrative and office workers | Number | 4 930 | 4 627 | 4 619 | 4 189 | 4 139 | 3 650 | 3 632 | 3 925 |
| Salaries and wages | \$000 | 183 979 | 189 650 | 191 558 | 181 420 | 186 909 | 172 477 | 171 076 | 178 263 |
| Annual average salary and wage | \$ | 37 318 | 40 988 | 41 472 | 43 309 | 45 158 | 47 254 | 47 102 | 45 417 |
| Total industrial minerals | | | | | | | | | |
| Employees | Number | 17 919 | 17 596 | 17 595 | 16 891 | 15 838 | 14 757 | 14 719 | 15 927 |
| Salaries and wages | \$000 | 585 605 | 618 761 | 632 308 | 620 145 | 614 421 | 599 753 | 602 616 | 657 945 |
| Annual average salary and wage | \$ | 32 681 | 35 165 | 35 937 | 36 715 | 38 794 | 40 642 | 40 941 | 41 310 |
| MINERAL FUELS | | | | | | | | | |
| Production and related workers | Number | 17 052 | 18 251 | 18 277 | 17 660 | 17 499 | 15 768 | 14 359 | 14 837 |
| Salaries and wages | \$000 | 716 189 | 780 402 | 837 158 | 828 061 | 872 255 | 774 234 | 728 512 ^r | 794 620 |
| Annual average salary and wage | \$ | 42 000 | 42 759 | 45 804 | 46 889 | 49 846 | 49 102 | 50 736 ^r | 53 557 |
| Administrative and office workers | Number | 27 209 | 26 633 | 25 698 | 25 283 | 24 768 | 21 636 | 21 099 | 22 139 |
| Salaries and wages | \$000 | 1 330 835 | 1 376 003 | 1 455 629 | 1 408 133 | 1 563 624 | 1 489 249 | 1 397 488 ^r | 1 505 892 |
| Annual average salary and wage | \$ | 48 912 | 51 665 | 56 644 | 55 695 | 63 131 | 68 832 | 66 235 ^r | 68 020 |
| Total mineral fuels | | | | | | | | | |
| Employees | Number | 44 261 | 44 884 | 43 975 | 42 943 | 42 267 | 37 404 | 35 458 | 36 976 |
| Salaries and wages | \$000 | 2 047 024 | 2 156 405 | 2 292 787 | 2 236 194 | 2 435 879 | 2 263 483 | 2 126 000 | 2 300 512 |
| Annual average salary and wage | \$ | 46 249 | 48 044 | 52 138 | 52 074 | 57 631 | 60 514 | 59 958 | 62 216 |
| TOTAL MINERAL INDUSTRY | | | | | | | | | |
| Production and related workers | Number | 64 370 | 67 360 | 68 704 | 64 257 | 60 366 | 54 783 | 51 208 | 51 648 |
| Salaries and wages | \$000 | 2 444 934 | 2 749 351 | 2 985 561 | 2 940 836 | 2 927 021 | 2 733 628 | 2 534 142 ^r | 2 650 588 |
| Annual average salary and wage | \$ | 37 983 | 40 816 | 43 455 | 45 767 | 48 488 | 49 899 | 49 487 ^r | 51 320 |
| Administrative and office workers | Number | 43 306 | 43 397 | 42 271 | 40 825 | 39 831 | 35 152 | 33 707 | 34 635 |
| Salaries and wages | \$000 | 2 004 423 | 2 126 857 | 2 247 425 | 2 193 039 | 2 376 835 | 2 248 936 | 2 101 299 ^r | 2 210 231 |
| Annual average salary and wage | \$ | 46 285 | 49 009 | 53 167 | 53 718 | 59 673 | 63 977 | 62 340 ^r | 63 815 |
| Total mineral industry | | | | | | | | | |
| Employees | Number | 107 676 | 110 757 | 110 975 | 105 082 | 100 197 | 89 935 | 84 915 | 86 283 |
| Salaries and wages | \$000 | 4 449 357 | 4 876 209 | 5 232 986 | 5 133 875 | 5 303 856 | 4 982 564 | 4 635 441 | 4 860 819 |
| Annual average salary and wage | \$ | 41 322 | 44 026 | 47 155 | 48 856 | 52 934 | 55 402 | 54 589 | 56 336 |

Sources: Natural Resources Canada; Statistics Canada.

^r Revised.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 36. CANADA, EMPLOYMENT, SALARIES AND WAGES IN THE MINERAL MANUFACTURING INDUSTRIES, 1987-94

| | Unit | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|--|--------|------------|------------|------------|------------|------------|------------|------------|------------|
| PRIMARY METAL INDUSTRIES | | | | | | | | | |
| Production and related workers | Number | .. | 95 967 | 94 037 | 82 845 | 79 690 | 75 842 | 74 627 | 75 562 |
| Salaries and wages | \$000 | .. | 3 387 100 | 3 505 958 | 3 265 293 | 3 272 436 | 3 292 603 | 3 302 823 | 3 369 153 |
| Annual average salary and wage | \$ | .. | 35 294 | 37 283 | 39 414 | 41 065 | 43 414 | 44 258 | 44 588 |
| Administrative and office workers | Number | .. | 27 861 | 27 454 | 26 787 | 25 010 | 23 209 | 21 603 | 20 739 |
| Salaries and wages | \$000 | .. | 1 249 200 | 1 314 630 | 1 282 902 | 1 268 889 | 1 209 180 | 1 173 189 | 1 131 108 |
| Annual average salary and wage | \$ | .. | 44 837 | 47 885 | 47 893 | 50 735 | 52 100 | 54 307 | 54 540 |
| Total primary metal industries ¹ | | | | | | | | | |
| Employees | Number | 119 372 | 123 828 | 121 491 | 109 632 | 104 700 | 99 051 | 96 230 | 96 301 |
| Salaries and wages | \$000 | 4 244 950 | 4 636 300 | 4 820 588 | 4 548 195 | 4 541 325 | 4 501 783 | 4 476 012 | 4 500 261 |
| Annual average salary and wage | \$ | 35 561 | 37 441 | 39 679 | 41 486 | 43 375 | 45 449 | 46 514 | 46 731 |
| NONMETALLIC MINERAL PRODUCTS INDUSTRIES | | | | | | | | | |
| Production and related workers | Number | .. | 45 974 | 46 019 | 43 482 | 38 756 | 34 711 | 32 919 | 32 344 |
| Salaries and wages | \$000 | .. | 1 309 458 | 1 374 934 | 1 337 159 | 1 205 721 | 1 121 621 | 1 092 474 | 1 083 547 |
| Annual average salary and wage | \$ | .. | 28 483 | 29 878 | 30 752 | 31 111 | 32 313 | 33 187 | 33 501 |
| Administrative and office workers | Number | .. | 11 863 | 11 298 | 11 123 | 10 578 | 10 344 | 9 742 | 9 569 |
| Salaries and wages | \$000 | .. | 464 835 | 466 153 | 473 886 | 453 120 | 444 113 | 441 680 | 440 101 |
| Annual average salary and wage | \$ | .. | 39 184 | 41 260 | 42 604 | 42 836 | 42 934 | 45 338 | 45 992 |
| Total nonmetallic mineral products | | | | | | | | | |
| Employees | Number | 56 822 | 57 837 | 57 317 | 54 605 | 49 334 | 45 055 | 42 661 | 41 913 |
| Salaries and wages | \$000 | 1 668 869 | 1 774 293 | 1 841 087 | 1 811 045 | 1 658 841 | 1 565 734 | 1 534 154 | 1 523 648 |
| Annual average salary and wage | \$ | 29 370 | 30 677 | 32 121 | 33 166 | 33 625 | 34 752 | 35 962 | 36 353 |
| FABRICATED METAL PRODUCTS INDUSTRIES | | | | | | | | | |
| Production and related workers | Number | .. | 129 187 | 141 465 | 127 585 | 117 317 | 97 676 | 96 887 | 102 644 |
| Salaries and wages | \$000 | .. | 3 172 110 | 3 682 263 | 3 532 497 | 3 398 428 | 2 908 168 | 2 906 712 | 3 155 624 |
| Annual average salary and wage | \$ | .. | 24 554 | 26 029 | 27 687 | 28 968 | 29 774 | 30 001 | 30 743 |
| Administrative and officer workers | Number | .. | 24 455 | 23 686 | 26 272 | 23 684 | 25 029 | 23 905 | 25 422 |
| Salaries and wages | \$000 | .. | 882 671 | 893 706 | 1 031 078 | 930 430 | 1 028 739 | 1 000 767 | 1 118 794 |
| Annual average salary and wage | \$ | .. | 36 094 | 37 731 | 39 246 | 39 285 | 41 102 | 41 864 | 44 009 |
| Total fabricated metal products industries | | | | | | | | | |
| Employees | Number | 142 194 | 153 642 | 165 151 | 153 857 | 141 001 | 122 705 | 120 792 | 128 066 |
| Salaries and wages | \$000 | 3 565 982 | 4 054 781 | 4 575 969 | 4 563 575 | 4 328 858 | 3 936 907 | 3 907 479 | 4 274 418 |
| Annual average salary and wage | \$ | 25 078 | 26 391 | 27 708 | 29 661 | 30 701 | 32 084 | 32 349 | 33 377 |
| PETROLEUM AND COAL PRODUCTS INDUSTRIES | | | | | | | | | |
| Production and related workers | Number | .. | 6 837 | 6 973 | 6 781 | 7 020 | 6 633 | 6 883 | 6 862 |
| Salaries and wages | \$000 | .. | 318 581 | 329 984 | 334 412 | 349 896 | 334 166 | 354 364 | 342 059 |
| Annual average salary and wage | \$ | .. | 46 597 | 47 323 | 49 316 | 49 843 | 50 379 | 51 484 | 49 848 |
| Administrative and office workers | Number | .. | 8 773 | 9 072 | 9 087 | 7 623 | 6 782 | 7 201 | 6 692 |
| Salaries and wages | \$000 | .. | 407 084 | 446 702 | 464 798 | 409 932 | 369 992 | 416 680 | 400 105 |
| Annual average salary and wage | \$ | .. | 46 402 | 49 240 | 51 150 | 53 776 | 54 555 | 57 864 | 59 789 |
| Total petroleum and coal products | | | | | | | | | |
| Employees | Number | 15 148 | 15 610 | 16 045 | 15 868 | 14 643 | 13 415 | 14 084 | 13 554 |
| Salaries and wages | \$000 | 708 309 | 725 665 | 776 686 | 799 210 | 759 828 | 704 158 | 771 044 | 742 164 |
| Annual average salary and wage | \$ | 46 759 | 46 487 | 48 407 | 50 366 | 51 890 | 52 490 | 54 746 | 54 756 |
| TOTAL MINERAL MANUFACTURING INDUSTRIES | | | | | | | | | |
| Production and related workers | Number | .. | 277 965 | 288 494 | 260 693 | 242 783 | 214 862 | 211 316 | 217 412 |
| Salaries and wages | \$000 | .. | 8 187 249 | 8 893 139 | 8 469 361 | 8 226 481 | 7 656 558 | 7 656 373 | 7 950 383 |
| Annual average salary and wage | \$ | .. | 29 454 | 30 826 | 32 488 | 33 884 | 35 635 | 36 232 | 36 568 |
| Administrative and office workers | Number | .. | 72 952 | 71 510 | 73 269 | 66 895 | 65 364 | 62 451 | 62 422 |
| Salaries and wages | \$000 | .. | 3 003 790 | 3 121 191 | 3 252 664 | 3 062 371 | 3 052 024 | 3 302 316 | 3 090 108 |
| Annual average salary and wage | \$ | .. | 41 175 | 43 647 | 44 393 | 45 779 | 46 693 | 48 555 | 49 504 |
| Total mineral manufacturing industries | | | | | | | | | |
| Employees | Number | 333 536 | 350 917 | 360 004 | 333 962 | 309 678 | 280 226 | 273 767 | 279 834 |
| Salaries and wages | \$000 | 10 188 110 | 11 191 039 | 12 014 330 | 11 722 025 | 11 288 852 | 10 708 582 | 10 688 689 | 11 040 491 |
| Annual average salary and wage | \$ | 30 546 | 31 891 | 33 373 | 35 100 | 36 454 | 38 214 | 39 043 | 39 454 |

Source: Statistics Canada.

.. Not available.

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

TABLE 37. CANADA, NUMBER OF WAGE EARNERS EMPLOYED IN THE NON-FUEL MINERAL INDUSTRY (SURFACE, UNDERGROUND AND MILL), 1987-94

| | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| METALS | | | | | | | | |
| Surface | 9 557 | 9 637 | 9 358 | 8 608 | 7 545 | 6 550 | 5 973 | 4 526 |
| Underground | 13 747 | 14 968 | 16 116 | 14 454 | 13 614 | 12 205 | 11 281 | 11 396 |
| Mill | 11 025 | 11 535 | 11 977 | 10 833 | 10 009 | 9 153 | 8 508 | 8 888 |
| Total | 34 329 | 36 140 | 37 451 | 33 895 | 31 168 | 27 908 | 25 762 | 24 810 |
| INDUSTRIAL MINERALS | | | | | | | | |
| Surface | 5 771 | 5 908 | 5 744 | 5 387 | 4 900 | 4 553 | 4 620 | 5 318 |
| Underground | 2 234 | 2 173 | 2 251 | 2 309 | 2 214 | 2 125 | 2 098 | 2 093 |
| Mill | 4 984 | 4 888 | 4 981 | 5 006 | 4 585 | 4 429 | 4 369 | 4 591 |
| Total | 12 989 | 12 969 | 12 976 | 12 702 | 11 699 | 11 107 | 11 087 | 12 002 |
| TOTAL NON-FUEL MINERAL INDUSTRY | | | | | | | | |
| Surface | 15 328 | 15 545 | 15 102 | 13 995 | 12 445 | 11 103 | 10 593 | 9 844 |
| Underground | 15 981 | 17 141 | 18 367 | 16 763 | 15 828 | 14 330 | 13 379 | 13 489 |
| Mill | 16 009 | 16 423 | 16 958 | 15 839 | 14 594 | 13 582 | 12 877 | 13 479 |
| Total | 47 318 | 49 109 | 50 427 | 46 597 | 42 867 | 39 015 | 36 849 | 36 812 |

Source: Natural Resources Canada.

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

TABLE 38. CANADA, MINE AND MILL WORKERS, BY SEX, EMPLOYED IN THE NON-FUEL MINERAL INDUSTRY, 1994

| | Mine Workers | | | | Mill Workers | | Total | |
|--|--------------|--------|---------|--------|--------------|--------|--------|--------|
| | Underground | | Surface | | Male | Female | Male | Female |
| | Male | Female | Male | Female | | | | |
| METALLIC MINERALS | | | | | | | | |
| Gold | 3 979 | 16 | 909 | 9 | 2 055 | 65 | 6 943 | 90 |
| Silver-lead-zinc | 1 004 | 6 | 239 | 27 | 471 | 10 | 1 714 | 43 |
| Uranium | 285 | 15 | 336 | 6 | 560 | 27 | 1 181 | 48 |
| Iron ore | 22 | 1 | 938 | 25 | 2 423 | 89 | 3 383 | 115 |
| Nickel-copper-zinc ¹ | 5 948 | 38 | 1 664 | 63 | 2 813 | 113 | 10 425 | 214 |
| Miscellaneous metal mines ² | 82 | — | 307 | 3 | 255 | 7 | 644 | 10 |
| Total | 11 320 | 76 | 4 393 | 133 | 8 577 | 311 | 24 290 | 520 |
| INDUSTRIAL MINERALS | | | | | | | | |
| Asbestos | 167 | — | 555 | 3 | 945 | 15 | 1 667 | 18 |
| Peat | — | — | 623 | 50 | 805 | 52 | 1 428 | 102 |
| Gypsum | 162 | — | 335 | 1 | 85 | 4 | 582 | 5 |
| Potash | 1 306 | 9 | 57 | 1 | 1 305 | 28 | 2 668 | 38 |
| Miscellaneous nonmetals ³ | 448 | 1 | 317 | 3 | 799 | 18 | 1 564 | 22 |
| Stone | — | — | 1 649 | 16 | 329 | 4 | 1 978 | 20 |
| Sand and gravel | — | — | 1 670 | 38 | 198 | 4 | 1 868 | 42 |
| Total | 2 083 | 10 | 5 206 | 112 | 4 466 | 125 | 11 755 | 247 |
| Total mining ⁴ | 13 403 | 86 | 9 599 | 245 | 13 043 | 436 | 36 045 | 767 |

Source: Natural Resources Canada.

— Nil.

¹ Includes copper-zinc and nickel-copper mines. ² Includes molybdenum mines. ³ Includes salt mines. ⁴ Coal is 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 39. CANADA, LABOUR COSTS FOR METAL MINES IN RELATION TO TONNES MINED, 1992-94

| | 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) | (tonnes) | (\$) |
| 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 |
| 1994 | | | | | | |
| Uranium | 642 | 33 359 | 51 961 | 1 756 | 2 734 | 19.00 |
| Gold | 4 913 | 276 067 | 56 191 | 21 288 | 4 333 | 12.97 |
| Silver-lead-zinc | 1 276 | 47 230 | 37 014 | 7 444 | 5 834 | 6.34 |
| Nickel-copper-zinc ¹ | 7 713 | 432 839 | 56 118 | 92 651 | 12 012 | 4.67 |
| Miscellaneous metals ² | 392 | 18 546 | 47 310 | 14 887 | 37 977 | 1.25 |
| Iron ore | 986 | 74 443 | 75 500 | 95 723 | 97 082 | 0.78 |
| Total | 15 922 | 882 484 | 55 425 | 233 748 | 14 681 | 3.78 |

Source: Natural Resources Canada.

¹ Includes copper-zinc and nickel-copper mines. ² Includes molybdenum mines.**TABLE 40. CANADA, PERSON-HOURS PAID FOR PRODUCTION AND RELATED WORKERS, AND TONNES OF ORE MINED AND ROCK QUARRIED IN METAL MINES AND OTHER MINERAL OPERATIONS, 1989-94**

| | Unit | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|---|---------|-------|-------|-------|-------|--------------------|-------|
| METAL MINES¹ | | | | | | | |
| Ore mined | Mt | 283.8 | 280.6 | 271.4 | 248.2 | 236.5 | 233.7 |
| Person-hours paid ² | million | 81.8 | 74.6 | 68.7 | 61.1 | 55.5 | 53.7 |
| Person-hours paid per tonne mined | number | 0.29 | 0.27 | 0.25 | 0.25 | 0.23 | 0.23 |
| Tonnes mined per person-hour paid | t | 3.47 | 3.76 | 3.95 | 4.06 | 4.26 | 4.35 |
| OTHER MINERAL OPERATIONS³ | | | | | | | |
| Ore mined and rock quarried | Mt | 159.4 | 158.1 | 156.8 | 147.8 | 151.7 ^r | 170.5 |
| Person-hours paid ² | million | 35.2 | 34.6 | 32.5 | 30.1 | 32.2 ^r | 32.2 |
| Person-hours paid per tonne mined | number | 0.22 | 0.22 | 0.21 | 0.20 | 0.21 ^r | 0.19 |
| Tonnes mined per person-hour paid | t | 4.53 | 4.57 | 4.82 | 4.91 | 4.71 ^r | 5.29 |

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 41. CANADA, AVERAGE WEEKLY WAGES AND HOURS WORKED (INCLUDING OVERTIME) FOR HOURLY RATED EMPLOYEES IN MINING, MANUFACTURING AND CONSTRUCTION INDUSTRIES, 1990-96

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|--|--------|--------|--------|--------|--------|----------|----------|
| MINING, QUARRYING AND OIL WELLS | | | | | | | |
| Average hours per week | 39.8 | 39.3 | 39.6 | 39.7 | 39.8 | 39.8 | 40.0 |
| Average weekly wage (\$) | 761.39 | 807.83 | 843.70 | 860.26 | 861.97 | 892.29 | 908.43 |
| METALS | | | | | | | |
| Average hours per week | 40.2 | 39.6 | 39.8 | 39.1 | 39.3 | 40.4 | 40.2 |
| Average weekly wage (\$) | 824.66 | 887.30 | 926.11 | 938.37 | 966.83 | 1 028.53 | 1 054.44 |
| MINERAL FUELS | | | | | | | |
| Coal | | | | | | | |
| Average hours per week | 42.0 | 41.2 | 41.5 | 41.3 | 41.2 | 41.8 | 41.4 |
| Average weekly wage (\$) | 843.30 | 868.98 | 904.30 | 911.24 | 910.94 | 959.12 | 971.2 |
| Crude Petroleum and Natural Gas | | | | | | | |
| Average hours per week | 45.9 | 42.3 | 41.3 | 39.7 | 38.4 | 38.7 | 42.7 |
| Average weekly wage (\$) | 934.65 | 970.19 | 943.41 | 991.84 | 971.31 | 1 019.65 | 1 038.95 |
| NONMETALS | | | | | | | |
| Average hours per week | 38.8 | 39.1 | 39.6 | 38.8 | 39.9 | 40.3 | 40.0 |
| Average weekly wage (\$) | 680.65 | 712.13 | 752.10 | 750.24 | 789.74 | 818.02 | 816.78 |
| MANUFACTURING | | | | | | | |
| Average hours per week | 38.2 | 37.9 | 38.3 | 38.6 | 38.9 | 38.5 | 38.4 |
| Average weekly wage (\$) | 542.32 | 562.93 | 588.97 | 606.06 | 619.93 | 623.41 | 640.94 |
| CONSTRUCTION | | | | | | | |
| Average hours per week | 38.2 | 37.3 | 36.8 | 36.7 | 37.8 | 37.3 | 37.8 |
| Average weekly wage (\$) | 647.06 | 656.33 | 652.03 | 650.83 | 672.47 | 693.39 | 690.09 |

Source: Statistics Canada.

TABLE 42. CANADA, NUMBER OF STRIKES AND LOCKOUTS BY INDUSTRY, 1994-96

| | 1994 | | | 1995 | | | 1996 ^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 | — | — | — | 3 | 159 | 1 770 | 1 | 5 | 450 |
| Forestry | 2 | 515 | 2 310 | 1 | 15 | 3 840 | 2 | 465 | 4 310 |
| Fishing and trapping | — | — | — | — | — | — | 2 | 25 | 235 |
| Mining | 6 | 1 053 | 71 590 | 5 | 306 | 24 360 | 8 | 3 859 | 137 235 |
| Manufacturing | 171 | 26 189 | 596 890 | 125 | 27 293 | 709 679 | 102 | 38 051 | 763 629 |
| Construction | 8 | 1 748 | 18 370 | 16 | 11 869 | 188 192 | 11 | 3 825 | 92 389 |
| Transportation and utilities | 37 | 16 695 | 294 370 | 36 | 36 405 | 284 425 | 33 | 10 030 | 245 290 |
| Trade | 47 | 9 840 | 216 820 | 55 | 2 298 | 67 608 | 40 | 19 348 | 423 865 |
| Finance, insurance and real estate | 8 | 652 | 5 950 | 5 | 82 | 3 300 | 3 | 49 | 2 975 |
| Service | 78 | 17 793 | 301 460 | 63 | 43 584 | 229 157 | 106 | 28 123 | 418 787 |
| Public administration | 17 | 6 371 | 98 820 | 18 | 4 148 | 46 990 | 15 | 49 851 | 1 122 950 |
| Other industries | — | — | — | 1 | 23 000 | 23 000 | 4 | 130 000 | 130 000 |
| Total, all industries | 374 | 80 856 | 1 606 580 | 328 | 149 159 | 1 582 321 | 327 | 283 631 | 3 342 115 |

Source: Labour Canada.
— Nil; ^p Preliminary.

TABLE 43. CANADA, NUMBER OF STRIKES AND LOCKOUTS BY MINING AND MINERAL MANUFACTURING INDUSTRIES, 1994-96

| | 1994 | | | 1995 | | | 1996 ^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 | 6 | 1 053 | 71 590 | 5 | 306 | 24 360 | 8 | 3 859 | 137 235 |
| Metals | 2 | 799 | 62 480 | 2 | 222 | 14 130 | 5 | 3 529 | 98 355 |
| Mineral fuels | 1 | 170 | 260 | — | — | — | — | — | — |
| Nonmetals | 1 | 23 | 5 780 | 1 | 23 | 5 790 | 2 | 303 | 35 320 |
| Quarries | 2 | 61 | 3 070 | 2 | 61 | 4 440 | 1 | 27 | 3 560 |
| MINERAL MANUFACTURING | 19 | 2 450 | 107 540 | 15 | 6 699 | 130 955 | 15 | 2 300 | 75 510 |
| Primary metals | 3 | 700 | 5 660 | 10 | 6 063 | 51 410 | 5 | 977 | 27 260 |
| Nonmetallic mineral products | 14 | 1 441 | 56 900 | 3 | 327 | 15 045 | 9 | 1 158 | 22 670 |
| Petroleum and coal products | 2 | 309 | 44 980 | 2 | 309 | 64 500 | 1 | 165 | 25 580 |

Source: Labour Canada.
— Nil; ^p Preliminary.

TABLE 44. CANADA, MINING WAGES AND SALARIES BY PROVINCE AND BY MINERAL CLASS, 1993 AND 1994

| | 1993 | | | | | 1994 | | | | |
|---------------------------------|------------------|----------------|------------------|------------------------|------------------|------------------|----------------|------------------|------------------------|------------------|
| | Metals | Nonmetals | Mineral Fuels | Quarries and Sand Pits | Total | Metals | Nonmetals | Mineral Fuels | Quarries and Sand Pits | Total |
| | (\$000) | | | | | | | | | |
| Newfoundland | 155 187 | 3 837 | — | 1 509 | 160 533 | 162 046 | 2 275 | — | 2 049 | 166 370 |
| Prince Edward Island | — | — | — | — | — | — | 428 | — | — | 428 |
| Nova Scotia | 617 | 29 248 | 83 353 | 4 419 | 117 637 | 391 | 27 882 | 77 980 | 4 448 | 110 701 |
| New Brunswick | x | x | 5 592 | x | 127 271 | x | x | 4 196 | x | 124 645 |
| Quebec | 404 405 | 127 818 | — | 52 381 | 584 605 | 430 005 | 127 590 | x | 59 442 | 617 038 |
| Ontario | 711 311 | 62 444 | 12 084 | 70 822 | 856 661 | 696 715 | 63 307 | 7 445 | 79 709 | 847 176 |
| Manitoba | x | x | 2 944 | x | 171 222 | x | 4 447 | 3 628 | x | 181 448 |
| Saskatchewan | x | 146 280 | 107 962 | x | 298 809 | x | 163 867 | 87 887 | 2 069 | 302 222 |
| Alberta | x | x | 1 688 603 | 7 475 | 1 708 042 | — | x | 1 866 804 | 18 666 | 1 896 508 |
| British Columbia | 254 185 | 3 320 | 201 529 | 17 500 | 476 534 | 231 864 | 3 497 | 235 068 | 21 257 | 491 686 |
| Yukon and Northwest Territories | 110 194 | — | 10 695 | — | 120 889 | 105 094 | — | 7 880 | — | 112 974 |
| Offshore | — | — | 13 237 | — | 13 237 | — | — | 10 430 | — | 10 430 |
| Total | 1 906 825 | 441 215 | 2 126 000 | 161 401 | 4 635 441 | 1 902 362 | 460 981 | 2 301 318 | 196 964 | 4 861 625 |

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 45. CANADA, SOURCE OF ORES HOISTED OR REMOVED FROM SELECTED TYPES OF MINES, 1992-94

| Mines | 1992 | | | 1993 | | | 1994 | | |
|---|-------------|-----------|-----------|-------------|------------------------|-----------|-------------|-----------|-----------|
| | Underground | Open-Pit | Total | Underground | Open-Pit | Total | Underground | Open-Pit | Total |
| (000 tonnes) | | | | | | | | | |
| METALS | | | | | | | | | |
| Gold | 17 746.5 | 3 095.4 | 20 841.9 | 17 292.9 | 1 992.5 | 19 285.4 | 17 124.1 | 4 163.8 | 21 287.8 |
| Silver-lead-zinc | 13 288.0 | 18.0 | 13 306.0 | 7 066.6 | 934.0 | 8 000.6 | 7 443.7 | — | 7 443.7 |
| Uranium | 1 345.1 | 217.1 | 1 562.1 | 1 194.9 | 468.4 | 1 663.3 | 1 220.0 | 535.5 | 1 755.5 |
| Iron | 671.6 | 80 852.3 | 81 524.0 | 811.9 | 77 929.4 | 78 741.3 | 635.6 | 95 087.5 | 95 723.1 |
| Nickel-copper-zinc | 26 980.0 | 90 621.4 | 117 601.4 | 26 297.0 | 89 980.3 | 116 277.3 | 22 452.7 | 70 198.3 | 92 651.0 |
| Miscellaneous metals | 973.3 | 12 351.0 | 13 324.3 | 895.1 | 11 601.3 | 12 496.4 | 899.2 | 13 987.9 | 14 887.1 |
| Total metals | 61 004.5 | 187 155.2 | 248 159.7 | 53 558.3 | 182 906.0 | 236 464.3 | 49 775.3 | 183 973.0 | 233 748.3 |
| NONMETALS | | | | | | | | | |
| Asbestos | 1 637.0 | 12 200.2 | 13 837.2 | 1 136.5 | 11 003.2 | 12 139.7 | 1 319.5 | 10 596.5 | 11 916.0 |
| Gypsum | 938.0 | 7 018.7 | 7 956.7 | 828.3 | 7 643.3 | 8 471.6 | 1 137.0 | 7 807.1 | 8 944.1 |
| Potash | 32 152.0 | — | 32 152.0 | 30 811.1 | — | 30 811.1 | 38 845.5 | — | 38 845.5 |
| Rock salt | 9 966.2 | — | 9 966.2 | 10 349.8 | — | 10 349.8 | 11 757.8 | — | 11 757.8 |
| Miscellaneous nonmetals | 271.9 | 2 191.9 | 2 463.8 | 261.2 | 2 109.4 | 2 370.6 | 267.3 | 2 133.6 | 2 400.9 |
| Total nonmetals | 44 965.1 | 21 410.8 | 66 375.9 | 43 386.8 | 20 756.0 | 64 142.8 | 53 327.2 | 20 537.2 | 73 864.3 |
| MINERAL FUELS | | | | | | | | | |
| Coal | 5 387.9 | 76 026.7 | 81 414.6 | 5 691.6 | 81 911.0 ^r | 87 602.6 | 5 329.3 | 91 287.1 | 96 616.4 |
| Total metals, nonmetals and mineral fuels | 111 357.6 | 284 592.6 | 395 950.2 | 102 636.8 | 285 572.9 ^r | 388 209.7 | 108 431.8 | 295 797.2 | 404 290.0 |
| Percentage | 28.3 | 71.9 | 100.0 | 28.9 | 73.6 ^r | 100.0 | 33.5 | 66.5 | 100.0 |

Sources: Natural Resources Canada; Statistics Canada.

— Nil; ^r Revised.

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

TABLE 46. CANADA, SOURCE OF MATERIAL HOISTED OR REMOVED FROM SELECTED TYPES OF MINES, 1994

| | Underground | | Open-Pit | | | |
|---|-------------|-------|----------|---------|------------|----------|
| | Ore | Waste | Ore | Waste | Overburden | Tailings |
| (000 tonnes) | | | | | | |
| METALS | | | | | | |
| Gold | 17 124 | 3 908 | 4 164 | 14 906 | 194 | 22 186 |
| Silver-lead-zinc | 7 444 | 333 | — | — | — | 6 026 |
| Uranium | 1 220 | 200 | 536 | 5 359 | 3 630 | 1 499 |
| Iron | 636 | — | 95 088 | 7 536 | 6 402 | 54 046 |
| Nickel-copper-zinc | 22 453 | 2 241 | 70 198 | 63 124 | 335 | 90 785 |
| Miscellaneous metals | 899 | 11 | 13 988 | 11 012 | — | 10 130 |
| Total metals | 49 775 | 6 693 | 183 973 | 101 937 | 10 561 | 184 672 |
| NONMETALS | | | | | | |
| Asbestos | 1 319 | — | 10 597 | 15 273 | 23 | 6 119 |
| Gypsum | 1 137 | 98 | 7 807 | 2 602 | 1 425 | 669 |
| Potash | 38 846 | 12 | — | — | — | 23 264 |
| Rock salt | 11 758 | 352 | — | — | — | 2 754 |
| Miscellaneous nonmetals | 267 | 39 | 2 134 | 2 377 | 219 | 999 |
| Total nonmetals | 53 327 | 500 | 20 537 | 20 252 | 1 667 | 33 805 |
| MINERAL FUELS | | | | | | |
| Coal | 5 329 | .. | 91 287 | .. | .. | .. |
| Total metals, nonmetals and mineral fuels | 108 432 | 7 193 | 295 797 | 122 188 | 12 228 | 218 477 |

Sources: Natural Resources Canada; Statistics Canada.

— Nil; .. Not available.

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

TABLE 47. CANADA, ORE MINED AND ROCK QUARRIED IN THE MINING INDUSTRY, 1989-94

| | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 |
|--|----------------------|---------|---------|---------|---------|---------|
| | (000 tonnes) | | | | | |
| METALS | | | | | | |
| Gold | 20 335 | 22 802 | 22 851 | 20 842 | 19 285 | 21 288 |
| Silver-lead-zinc | 12 785 | 11 677 | 12 572 | 13 306 | 8 001 | 7 444 |
| Uranium | 6 404 | 5 888 | 2 308 | 1 562 | 1 663 | 1 756 |
| Iron | 99 962 | 92 146 | 98 179 | 81 524 | 78 741 | 95 723 |
| Nickel-copper-zinc | 126 169 | 129 701 | 118 554 | 117 601 | 116 277 | 92 651 |
| Miscellaneous metals | 18 135 | 18 359 | 16 890 | 13 325 | 12 496 | 14 887 |
| Total metals | 283 791 | 280 573 | 271 353 | 248 160 | 236 464 | 233 748 |
| NONMETALS | | | | | | |
| Asbestos | 17 147 | 14 484 | 13 698 | 13 837 | 12 140 | 11 916 |
| Gypsum | 9 499 | 9 031 | 7 203 | 7 957 | 8 472 | 8 944 |
| Potash | 34 494 | 31 760 | 32 578 | 32 152 | 30 811 | 38 846 |
| Rock salt | 10 926 ^r | 11 226 | 11 035 | 9 966 | 10 350 | 11 758 |
| Miscellaneous nonmetals | 1 985 | 2 184 | 2 010 | — | 2 371 | 2 401 |
| Total nonmetals | 74 051 ^r | 68 684 | 66 523 | 63 912 | 64 143 | 73 864 |
| STRUCTURAL MATERIALS | | | | | | |
| Stone, all kinds quarried ¹ | 119 335 | 111 355 | 87 807 | 89 338 | 89 370 | 110 411 |
| MINERAL FUELS | | | | | | |
| Coal | 87 683 | 89 462 | 90 290 | — | — | 96 616 |
| Total ore mined and rock quarried | 580 920 ^r | 565 433 | 528 046 | 406 508 | 322 553 | 418 023 |

Sources: Natural Resources Canada; Statistics Canada.

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

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

TABLE 48. CANADA, EXPLORATION AND DEVELOPMENT EXPENDITURES BY MINING COMPANIES¹ BY PROVINCE AND TERRITORY, 1994-97

| | | On-Property Exploration | On-Property Development | Structures | Total Construction |
|--------------------------|-------------------|----------------------------|----------------------------|------------|-----------------------|
| (\$ millions) | | | | | |
| Newfoundland | 1994 | ... | 44.1 | ... | 44.1 |
| | 1995 | x | x | 1.4 | x |
| | 1996 ^P | x | x | 5.5 | 107.4 |
| | 1997 ⁱ | x | x | 9.5 | 108.4 |
| Prince Edward Island | 1994 | .. | .. | .. | .. |
| | 1995 | .. | .. | .. | .. |
| | 1996 ^P | .. | .. | .. | .. |
| | 1997 ⁱ | .. | .. | .. | .. |
| Nova Scotia | 1994 | x | x | 9.9 | 18.7 |
| | 1995 | 0.4 | 7.6 | 6.9 | 14.9 |
| | 1996 ^P | 0.5 | x | x | 13.4 |
| | 1997 ⁱ | 0.7 | 6.2 | 3.9 | 10.8 |
| New Brunswick | 1994 | x | x | x | x |
| | 1995 | 2.6 | x | x | 37.9 |
| | 1996 ^P | x | x | 19.9 | x |
| | 1997 ⁱ | x | x | x | x |
| Quebec | 1994 | 16.6 | 279.8 | 106.9 | 403.3 |
| | 1995 | 24.1 | 293.0 | 216.9 | 534.0 |
| | 1996 ^P | 27.0 | 245.2 | 242.4 | 514.6 |
| | 1997 ⁱ | 16.2 | 271.0 | 152.4 | 439.6 |
| Ontario | 1994 | x | 219.5 | x | 367.1 |
| | 1995 | 20.2 | 265.2 | 145.3 | 428.0 |
| | 1996 ^P | 35.1 | 209.9 | 112.9 | 357.9 |
| | 1997 ⁱ | 56.4 | 228.5 | 113.3 | 398.2 |
| Manitoba | 1994 | x | x | ... | 85.0 |
| | 1995 | x | 157.1 | x | 178.6 |
| | 1996 ^P | x | 106.8 | x | 116.3 |
| | 1997 ⁱ | x | 103.3 | x | 114.0 |
| Saskatchewan | 1994 | x | 50.7 | x | 114.2 |
| | 1995 | x | 46.2 | x | 128.0 |
| | 1996 ^P | x | 53.2 | x | 145.9 |
| | 1997 ⁱ | x | 88.2 | x | 222.3 |
| Alberta | 1994 | x | x | 3.7 | 15.3 |
| | 1995 | 0.5 | 22.4 | 5.5 | 28.4 |
| | 1996 ^P | 5.1 | 34.4 | 19.0 | 58.5 |
| | 1997 ⁱ | 5.7 | 24.6 | 16.9 | 47.1 |
| British Columbia | 1994 | 4.1 | 83.1 | 49.2 | 136.3 |
| | 1995 | 4.9 | 109.7 | 44.4 | 159.0 |
| | 1996 ^P | 9.5 | 117.1 | 48.5 | 175.1 |
| | 1997 ⁱ | 9.2 | 84.0 | 44.9 | 138.1 |
| Yukon | 1994 | ... | ... | ... | ... |
| | 1995 | ... | x | x | x |
| | 1996 ^P | ... | ... | x | x |
| | 1997 ⁱ | x | x | x | x |
| Northwest Territories | 1994 | 1.3 | 33.6 | x | x |
| | 1995 | x | 24.6 | x | 33.8 |
| | 1996 ^P | 0.5 | 21.5 | 18.2 | 40.2 |
| | 1997 ⁱ | 0.6 | 19.6 | 25.9 | 46.1 |
| Canada | 1994 | 80.2 | 806.3 | 369.4 | 1 255.9 |
| | 1995 | 85.2 | 1 039.5 | 509.4 | 1 634.2 |
| | 1996 ^P | 147.3 | 884.0 | 552.0 | 1 583.4 |
| | 1997 ⁱ | 135.9 | 941.8 | 536.6 | 1 614.3 |

Source: Statistics Canada.

. . . Not available or not applicable; ... 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 61.

**TABLE 49. CANADA, EXPLORATION, DEVELOPMENT, CAPITAL AND REPAIR EXPENDITURES IN THE MINING INDUSTRY¹
BY TYPE OF MINING, 1994-97**

| | | Capital | | | | | Repair | | | Total Capital and Repair | |
|---------------------------|-------------------|-------------------------------------|-------------------------------------|------------|---------------|-------------------------------|------------------|-------------------|-------------------------------|-----------------------------------|-----------------|
| | | On- Property Explora- tion | On- Property Develop- ment | Structures | Sub- total | Machinery and Equipment | Total Capital | Construc- tion | Machinery and Equipment | | Total Repair |
| (\$ millions) | | | | | | | | | | | |
| METAL MINES | | | | | | | | | | | |
| Gold | 1994 | 33.6 | 280.2 | 207.3 | 521.0 | 131.9 | 652.8 | 34.1 | 219.1 | 253.3 | 906.1 |
| | 1995 | 29.3 | 339.6 | 239.3 | 608.2 | 163.9 | 772.2 | 33.1 | 217.9 | 251.3 | 1 023.4 |
| | 1996 ^p | 43.1 | 239.7 | 145.9 | 428.8 | 129.7 | 558.5 | .. | .. | .. | .. |
| | 1997 ⁱ | 47.9 | 257.3 | 61.1 | 366.2 | 115.8 | 482.0 | .. | .. | .. | .. |
| Copper and copper-zinc | 1994 | 14.1 | 129.0 | 35.4 | 178.5 | 64.0 | 242.5 | 24.1 | 165.5 | 189.6 | 432.1 |
| | 1995 | 13.5 | 202.4 | 48.9 | 264.8 | 81.3 | 346.1 | 16.9 | 177.7 | 194.5 | 540.6 |
| | 1996 ^p | 15.4 | 143.2 | 57.7 | 216.4 | 139.9 | 356.3 | .. | .. | .. | .. |
| | 1997 ⁱ | 9.8 | 98.4 | 69.9 | 178.2 | 108.3 | 286.5 | .. | .. | .. | .. |
| Nickel-copper | 1994 | x | x | x | x | x | x | x | x | x | x |
| | 1995 | x | 142.7 | x | 215.0 | 133.7 | 348.7 | x | x | x | x |
| | 1996 ^p | x | 149.1 | x | 396.5 | 200.8 | 597.3 | .. | .. | .. | .. |
| | 1997 ⁱ | x | 159.9 | x | 363.9 | 219.4 | 583.3 | .. | .. | .. | .. |
| Silver-lead- zinc | 1994 | 7.3 | 52.0 | 12.9 | 72.2 | 18.0 | 90.2 | x | x | 64.3 | 154.5 |
| | 1995 | 3.4 | 79.7 | 31.6 | 114.7 | 37.0 | 151.7 | 9.0 | 75.9 | 84.9 | 236.6 |
| | 1996 ^p | 2.7 | x | x | 84.3 | 24.8 | 109.0 | .. | .. | .. | .. |
| | 1997 ⁱ | x | 76.3 | x | 114.7 | 31.6 | 146.2 | .. | .. | .. | .. |
| Uranium | 1994 | x | x | x | x | x | x | x | x | x | x |
| | 1995 | x | x | x | 113.2 | x | x | 1.2 | x | x | 196.6 |
| | 1996 ^p | 0.0 | x | x | 103.3 | x | x | .. | .. | .. | .. |
| | 1997 ⁱ | 0.0 | x | x | x | x | x | .. | .. | .. | .. |
| Iron | 1994 | .. | x | x | 97.7 | 26.4 | 124.1 | 15.9 | 201.8 | 217.7 | 341.8 |
| | 1995 | x | x | x | x | x | 178.4 | 19.2 | 240.3 | 259.5 | 437.9 |
| | 1996 ^p | 0.0 | 90.9 | 19.7 | 110.6 | 105.6 | 216.1 | .. | .. | .. | .. |
| | 1997 ⁱ | 0.0 | 101.3 | 24.6 | 125.9 | 82.4 | 208.3 | .. | .. | .. | .. |
| Other metal mines | 1994 | x | 10.3 | x | 19.8 | 12.4 | 32.3 | x | x | 20.6 | 52.9 |
| | 1995 | 1.5 | 13.1 | 8.0 | 22.6 | x | x | x | x | x | 50.6 |
| | 1996 ^p | x | 10.0 | 9.5 | x | x | x | .. | .. | .. | .. |
| | 1997 ⁱ | x | x | 9.6 | x | x | x | .. | .. | .. | .. |
| Total metal mines | 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 | 78.4 | 913.7 | 466.0 | 1 458.1 | 558.0 | 2 016.0 | 153.6 | 964.3 | 1 117.9 | 3 133.9 |
| | 1996 ^p | 119.5 | 729.2 | 513.6 | 1 362.3 | 665.9 | 2 028.2 | .. | .. | .. | .. |
| | 1997 ⁱ | 107.3 | 748.3 | 468.6 | 1 324.0 | 642.5 | 1 966.5 | .. | .. | .. | .. |
| NONMETAL MINES | | | | | | | | | | | |
| Asbestos | 1994 | x | x | .. | x | x | x | x | x | x | x |
| | 1995 | x | x | x | x | x | x | x | x | x | x |
| | 1996 ^p | x | x | x | x | x | x | .. | .. | .. | .. |
| | 1997 ⁱ | x | x | x | x | x | x | .. | .. | .. | .. |

| | | | | | | | | | | | |
|----------------------|-------------------|-------|---------|-------|---------|---------|---------|-------|---------|---------|---------|
| Peat | 1994 | ... | ... | x | x | 11.6 | 13.7 | x | x | 4.9 | 18.6 |
| | 1995 | 0.0 | 0.0 | 3.4 | 3.4 | 7.4 | 10.8 | 0.3 | 5.9 | 6.1 | 16.9 |
| | 1996 ^P | 0.0 | 0.0 | 2.9 | 2.9 | 6.9 | 9.8 | .. | .. | .. | .. |
| | 1997 ⁱ | 0.0 | 0.0 | 1.2 | 1.2 | 6.0 | 7.2 | .. | .. | .. | .. |
| Gypsum | 1994 | ... | 4.3 | 0.8 | 5.1 | 8.3 | 13.4 | ... | 14.7 | 14.7 | 28.1 |
| | 1995 | x | 4.0 | x | 8.3 | 14.1 | 22.5 | x | x | 16.4 | 38.9 |
| | 1996 ^P | x | 2.1 | x | 7.4 | 10.2 | 17.6 | .. | .. | .. | .. |
| | 1997 ⁱ | x | 2.1 | x | 5.2 | 10.9 | 16.1 | .. | .. | .. | .. |
| Potash | 1994 | x | x | 11.4 | 41.9 | 42.0 | 83.9 | 8.4 | 110.5 | 119.0 | 202.9 |
| | 1995 | ... | 28.2 | 7.3 | 35.6 | 46.6 | 82.2 | 11.3 | 142.2 | 153.5 | 235.7 |
| | 1996 ^P | x | 27.1 | x | 49.1 | 55.9 | 105.0 | .. | .. | .. | .. |
| | 1997 ⁱ | x | 44.6 | x | 65.2 | 66.3 | 131.5 | .. | .. | .. | .. |
| Salt | 1994 | x | x | x | x | x | x | x | x | x | x |
| | 1995 | .. | x | x | x | x | x | x | x | x | x |
| | 1996 ^P | 0.0 | x | x | x | x | x | .. | .. | .. | .. |
| | 1997 ⁱ | x | x | x | x | x | x | .. | .. | .. | .. |
| Other nonmetal mines | 1994 | x | 2.1 | x | 3.3 | 3.8 | 7.1 | 0.3 | 13.6 | 13.9 | 21.0 |
| | 1995 | x | x | 2.2 | 6.4 | 7.7 | 14.0 | x | x | 13.5 | 27.5 |
| | 1996 ^P | x | x | 0.3 | x | x | 26.0 | .. | .. | .. | .. |
| | 1997 ⁱ | x | x | 21.0 | 28.5 | 12.3 | 40.8 | .. | .. | .. | .. |
| Total nonmetal mines | 1994 | 2.4 | 104.8 | 17.7 | 124.8 | 78.2 | 203.0 | 14.7 | 215.2 | 229.8 | 432.9 |
| | 1995 | 4.2 | 81.9 | 18.3 | 104.5 | 99.3 | 203.7 | 17.1 | 248.4 | 265.5 | 469.2 |
| | 1996 ^P | 21.1 | 92.3 | 13.1 | 126.7 | 103.1 | 229.8 | .. | .. | .. | .. |
| | 1997 ⁱ | 18.6 | 129.5 | 33.8 | 182.0 | 115.8 | 297.7 | .. | .. | .. | .. |
| Coal mines | 1994 | 2.7 | 37.2 | 39.8 | 79.7 | 138.9 | 218.5 | 18.7 | 323.2 | 341.9 | 560.5 |
| | 1995 | 2.6 | 43.9 | 25.1 | 71.7 | 238.8 | 310.5 | 22.1 | 375.8 | 397.9 | 708.4 |
| | 1996 ^P | 6.8 | 62.5 | 25.3 | 94.5 | 232.8 | 327.3 | .. | .. | .. | .. |
| | 1997 ⁱ | 10.1 | 63.9 | 34.2 | 108.3 | 148.5 | 256.8 | .. | .. | .. | .. |
| Total mines | 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 | 85.2 | 1 039.5 | 509.4 | 1 634.2 | 896.0 | 2 530.2 | 192.8 | 1 588.5 | 1 781.3 | 4 311.6 |
| | 1996 ^P | 147.3 | 884.0 | 552.0 | 1 583.4 | 1 001.8 | 2 585.2 | .. | .. | .. | .. |
| | 1997 ⁱ | 135.9 | 941.8 | 536.6 | 1 614.3 | 906.8 | 2 521.1 | .. | .. | .. | .. |

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 62 and 63.

**TABLE 50. CANADA, ORE MINED AND ROCK QUARRIED
IN THE MINING INDUSTRY, 1960-94**

| | 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 | 89.3 | 581.6 ^r |
| 1989 | 283.8 | 209.4 | 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 | 87.6 | 458.4 |
| 1994 | 233.7 | 184.3 | 96.6 | 514.6 |

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 51. CANADA, CRUDE MINERALS TRANSPORTED BY CANADIAN RAILWAYS, 1993-95

| | 1993 | 1994 | 1995 |
|---|--------------|---------|---------|
| | (000 tonnes) | | |
| METALLIC MINERALS | | | |
| Iron ores and concentrates | 30 263 | 37 570 | 38 660 |
| Alumina and bauxite | 6 064 | 5 180 | 4 683 |
| Nickel and nickel-copper ores and concentrates | 3 042 | 2 257 | 2 955 |
| Zinc ores and concentrates | 1 247 | 1 373 | 1 435 |
| Copper ores and concentrates | 958 | 935 | 1 007 |
| Lead ores and concentrates | 184 | 170 | 186 |
| Metallic ores and concentrates, n.e.s. | 121 | 167 | 219 |
| Total | 41 878 | 47 652 | 49 144 |
| NONMETALLIC MINERALS | | | |
| Potash (KCl) | 10 192 | 12 717 | 13 025 |
| Gypsum | 4 380 | 4 555 | 3 351 |
| Sulphur, n.e.s. | 2 789 | 3 829 | 4 657 |
| Sulphur, liquid | 1 616 | 1 460 | 1 742 |
| Salt, rock | 1 550 | 1 687 | 1 721 |
| Limestone, n.e.s. | 1 158 | 1 145 | 1 273 |
| Phosphate rock | 967 | 753 | 987 |
| Sodium carbonate | 451 | 424 | 376 |
| Nepheline syenite | 324 | 328 | 310 |
| Sodium sulphate | 287 | 257 | 252 |
| Limestone, industrial | 269 | 147 | 190 |
| Sand, industrial | 173 | 184 | 175 |
| Clay | 89 | 85 | 102 |
| Nonmetallic minerals, n.e.s. | 100 | 104 | 118 |
| Salt, n.e.s. | 101 | 114 | 86 |
| Limestone, agricultural | 70 | 83 | 114 |
| Stone, n.e.s. | 151 | 91 | 45 |
| Abrasives, natural | 8 | 10 | 4 |
| Barite | 8 | 6 | 3 |
| Silica | 2 | 2 | 2 |
| Asbestos | ... | 10 | 1 |
| Sand, n.e.s. | 3 | ... | ... |
| Peat and other mosses | 2 | 3 | - |
| Total | 24 690 | 27 994 | 28 535 |
| MINERAL FUELS | | | |
| Coal, bituminous | 33 199 | 35 731 | 38 516 |
| Coal, lignite | 1 000 | 1 133 | 917 |
| Natural gas and other crude bituminous substances | 49 | 58 | 43 |
| Oil, crude | 22 | 8 | 1 |
| Coal, n.e.s. | - | - | 1 288 |
| Total | 34 271 | 36 930 | 40 765 |
| Total crude minerals | 100 839 | 112 575 | 118 444 |
| Total revenue freight ¹ moved by Canadian railways | 224 007 | 253 623 | 253 685 |
| Crude minerals as a percentage of total revenue freight | 45.0 | 44.4 | 46.7 |

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 52. CANADA, FABRICATED MINERAL PRODUCTS TRANSPORTED BY CANADIAN RAILWAYS, 1993-95

| | 1993 | 1994 | 1995 |
|--|--------------|---------|---------|
| | (000 tonnes) | | |
| METALLIC MINERAL PRODUCTS | | | |
| Ferrous mineral products | | | |
| Iron and steel scrap | 1 331 | 1 342 | 1 405 |
| Sheets and strips, steel | 1 353 | 1 357 | 1 243 |
| Bars and rods, steel | 818 | 829 | 741 |
| Ingots, blooms, billets, slabs, iron and steel | 565 | 553 | 715 |
| Pipes and tubes, iron and steel | 423 | 515 | 321 |
| Structural shapes and sheet piling, iron and steel | 222 | 225 | 241 |
| Plates, steel | 264 | 311 | 361 |
| Rails and railway track material | 59 | 58 | 169 |
| Castings and forgings, iron and steel | 41 | 43 | 58 |
| Pig iron | 52 | 50 | 28 |
| Ferroalloys | 10 | 14 | 15 |
| Other primary iron and steel | 4 | 3 | 1 |
| Wire, iron or steel | 1 | 2 | .. |
| Total ferrous mineral products | 5 143 | 5 301 | 5 299 |
| Nonferrous mineral products | | | |
| Aluminum and aluminum alloy fabricated material, n.e.s. | 933 | 1 042 | 955 |
| Zinc and alloys | 498 | 522 | 498 |
| Aluminum paste, powder, pigs, ingots, shot | 451 | 450 | 340 |
| Copper and alloys, n.e.s. | 329 | 381 | 396 |
| Other nonferrous base metals and alloys | 127 | 124 | 412 |
| Lead and alloys | 117 | 123 | 137 |
| Slag, dross, etc. | 89 | 85 | 120 |
| Nonferrous metal scrap | 48 | 48 | 50 |
| Copper matte and precipitates | - | 1 | 85 |
| Total nonferrous mineral products | 2 592 | 2 777 | 2 994 |
| Total metallic mineral products | 7 735 | 8 078 | 8 293 |
| NONMETALLIC MINERAL PRODUCTS | | | |
| Fertilizers and fertilizer materials, n.e.s. | 2 549 | 2 670 | 2 754 |
| Sulphuric acid | 3 105 | 3 010 | 2 571 |
| Portland cement, standard | 1 598 | 1 919 | 2 025 |
| Lime, hydrated and quick | 185 | 179 | 167 |
| Cement and concrete basic products, n.e.s. | 129 | 93 | 170 |
| Nonmetallic mineral basic products, n.e.s. | 113 | 116 | 121 |
| Natural stone basic products, chiefly structural | 135 | 118 | 93 |
| Asbestos and asbestos-cement basic products | 19 | 16 | 15 |
| Gypsum basic products, n.e.s. | 62 | 103 | 116 |
| Dolomite and magnesite, calcined | 26 | 30 | 35 |
| Refractories, n.e.s. | 2 | 6 | 4 |
| Fire brick and similar shapes | 4 | 6 | 4 |
| Plaster | 1 | 2 | 2 |
| Glass basic products | - | - | 4 |
| Bricks and tiles, clay | 1 | 1 | 2 |
| Total nonmetallic mineral products | 7 930 | 8 271 | 8 082 |
| MINERAL FUEL PRODUCTS | | | |
| Refined and manufactured gases, fuel type | 2 277 | 1 643 | 2 129 |
| Fuel oil, n.e.s. | 934 | 467 | 487 |
| Diesel fuel | 565 | 578 | 600 |
| Gasoline | 547 | 610 | 660 |
| Other petroleum and coal products | 436 | 612 | 626 |
| Coke, n.e.s. | 251 | 393 | 360 |
| Petroleum coke | 284 | 253 | 288 |
| Lubricating oils and greases | 240 | 246 | 223 |
| Asphalts and road oils | 230 | 297 | 300 |
| Total mineral fuel products | 5 765 | 5 098 | 5 674 |
| Total fabricated mineral products | 21 430 | 21 447 | 22 049 |
| Total revenue freight ¹ moved by Canadian railways | 224 007 | 253 623 | 253 685 |
| Fabricated mineral products as a percentage of total revenue freight | 9.6 | 8.5 | 8.7 |

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 53. CANADA, CRUDE MINERALS AND FABRICATED MINERAL PRODUCTS TRANSPORTED BY CANADIAN RAILWAYS, 1960-95

| | 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 |
| 1995 | 253.7 | 118.4 | 22.0 | 140.5 | 55.4 |

Source: Statistics Canada.

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

TABLE 54. CANADA, CRUDE MINERALS LOADED AND UNLOADED IN COASTWISE SHIPPING, 1995

| | Loaded | | | | | Unloaded | | | | |
|--|-----------|--------------|-------------|------------|------------|-----------|--------------|-------------|------------|------------|
| | Atlantic | St. Lawrence | Great Lakes | Pacific | Total | Atlantic | St. Lawrence | Great Lakes | Pacific | Total |
| | (tonnes) | | | | | | | | | |
| METALLIC MINERALS | | | | | | | | | | |
| Iron ore and concentrates | – | 6 818 586 | 58 478 | – | 6 877 064 | – | 1 277 598 | 5 599 468 | – | 6 877 066 |
| Aluminum ores and concentrates | – | 33 924 | – | – | 33 924 | – | – | 33 924 | – | 33 924 |
| Lead and zinc ores and concentrates | – | – | – | – | – | – | – | – | – | – |
| Other ores and concentrates | – | 2 357 761 | 231 852 | – | 2 589 613 | – | 2 334 786 | 254 827 | – | 2 589 613 |
| Total metallic minerals | – | 9 210 271 | 290 330 | – | 9 500 601 | – | 3 612 384 | 5 888 219 | – | 9 500 603 |
| NONMETALLIC MINERALS | | | | | | | | | | |
| Salt | 757 287 | – | 1 863 900 | 9 000 | 2 630 187 | 360 976 | 1 311 086 | 949 125 | 9 000 | 2 630 187 |
| Limestone | 33 706 | 75 120 | 1 141 187 | 937 161 | 2 187 174 | 33 706 | – | 1 216 307 | 937 161 | 2 187 174 |
| Sand and gravel | 137 428 | 5 716 | 262 711 | 1 002 859 | 1 408 714 | 143 144 | – | 262 711 | 1 002 859 | 1 408 714 |
| Gypsum | 605 424 | – | – | – | 605 424 | 67 808 | 318 216 | 219 400 | – | 605 424 |
| Potash | – | – | 38 368 | – | 38 368 | – | 14 108 | 24 260 | – | 38 368 |
| Sulphur | – | – | – | – | – | – | – | – | – | – |
| Other mineral products (including clays, coal briquettes, greases and asphalt) | 538 655 | 267 574 | 1 733 094 | 303 594 | 2 842 917 | 548 065 | 742 658 | 1 248 599 | 303 594 | 2 842 916 |
| Total nonmetallic minerals | 2 072 500 | 348 410 | 5 039 260 | 2 252 614 | 9 712 784 | 1 153 699 | 2 386 068 | 3 920 402 | 2 252 614 | 9 712 783 |
| MINERAL FUELS | | | | | | | | | | |
| Coal and coke | – | 26 157 | 1 386 528 | – | 1 412 685 | – | 58 318 | 1 354 367 | – | 1 412 685 |
| Crude petroleum | – | – | – | – | – | – | – | – | – | – |
| Total mineral fuels | – | 26 157 | 1 386 528 | – | 1 412 685 | – | 58 318 | 1 354 367 | – | 1 412 685 |
| Total crude minerals | 2 072 500 | 9 584 838 | 6 716 118 | 2 252 614 | 20 626 070 | 1 153 699 | 6 056 770 | 11 162 988 | 2 252 614 | 20 626 071 |
| Total all commodities ¹ | 5 731 489 | 13 764 959 | 15 258 161 | 15 615 266 | 50 369 875 | 5 798 229 | 15 145 655 | 13 806 214 | 15 619 777 | 50 369 875 |
| Crude minerals as a percentage of all products | 36.2 | 69.6 | 44.0 | 14.4 | 40.9 | 19.9 | 40.0 | 80.9 | 14.4 | 40.9 |

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 55. CANADA, FABRICATED MINERAL PRODUCTS LOADED AND UNLOADED IN COASTWISE SHIPPING, 1995

| | Loaded | | | | | Unloaded | | | | |
|--|-----------|--------------|-------------|------------|------------|-----------|--------------|-------------|------------|------------|
| | Atlantic | St. Lawrence | Great Lakes | Pacific | Total | Atlantic | St. Lawrence | Great Lakes | Pacific | Total |
| (tonnes) | | | | | | | | | | |
| METALLIC MINERAL PRODUCTS | | | | | | | | | | |
| Iron, steel and alloys | 5 292 | 2 199 | 20 172 | – | 27 663 | 5 325 | 2 166 | 20 172 | – | 27 663 |
| Aluminum and aluminum products | – | 144 012 | – | – | 144 012 | – | 144 012 | – | – | 144 012 |
| Other base-metal products | 54 285 | 159 357 | – | – | 213 642 | 66 086 | 147 556 | – | – | 213 642 |
| Total metallic mineral products | 59 577 | 305 568 | 20 172 | – | 385 317 | 71 411 | 293 734 | 20 172 | – | 385 317 |
| NONMETALLIC MINERAL PRODUCTS | | | | | | | | | | |
| Cement and related products | 492 | – | 381 598 | 46 102 | 428 192 | 492 | – | 381 598 | 46 102 | 428 192 |
| Other fabricated nonmetallic minerals, n.e.s. | 28 180 | 32 150 | 79 891 | 218 319 | 358 540 | 68 192 | 20 034 | 51 995 | 218 319 | 358 540 |
| Total nonmetallic mineral products | 28 672 | 32 150 | 461 489 | 264 421 | 786 732 | 68 684 | 20 034 | 433 593 | 264 421 | 786 732 |
| MINERAL FUEL PRODUCTS | | | | | | | | | | |
| Gasoline | 881 685 | 1 240 780 | 169 531 | 498 029 | 2 790 025 | 1 110 835 | 996 743 | 184 419 | 498 029 | 2 790 026 |
| Petroleum coke | – | – | – | – | – | – | – | – | – | – |
| Other fabricated mineral fuels, n.e.s. | 1 531 551 | 1 807 211 | 987 924 | 535 890 | 4 862 576 | 1 730 826 | 1 961 879 | 633 981 | 535 890 | 4 862 576 |
| Total mineral fuel products | 2 413 236 | 3 047 991 | 1 157 455 | 1 033 919 | 7 652 601 | 2 841 661 | 2 958 622 | 818 400 | 1 033 919 | 7 652 602 |
| Total fabricated mineral products | 2 501 485 | 3 385 709 | 1 639 116 | 1 298 340 | 8 824 650 | 2 981 756 | 3 272 390 | 1 272 165 | 1 298 340 | 8 824 651 |
| Total all commodities ¹ | 5 731 498 | 13 764 959 | 15 258 161 | 15 615 266 | 50 369 875 | 5 798 229 | 15 145 655 | 13 806 214 | 15 619 777 | 50 369 875 |
| Fabricated mineral products as a percentage of all commodities | 43.6 | 24.6 | 10.7 | 8.3 | 17.5 | 51.4 | 21.6 | 9.2 | 8.3 | 17.5 |

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 56. CANADA, CRUDE MINERALS AND FABRICATED MINERAL PRODUCTS LOADED AT CANADIAN PORTS IN COASTWISE SHIPPING, 1960-95

| | 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 |
| 1995 | 50 370 | 20 626 | 8 825 | 58.5 |

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 57. CANADA, CRUDE MINERALS LOADED AND UNLOADED AT CANADIAN PORTS IN INTERNATIONAL SHIPPING TRADE,¹ 1993-95

| | 1993 | | 1994 | | 1995 | |
|--|-------------|------------|-------------|------------|-------------|------------|
| | Loaded | Unloaded | Loaded | Unloaded | Loaded | Unloaded |
| | (tonnes) | | | | | |
| METALLIC MINERALS | | | | | | |
| Iron ore and concentrates | 27 302 851 | 6 225 081 | 31 546 345 | 6 632 357 | 30 691 324 | 6 699 449 |
| Aluminum ores and concentrates | 56 640 | 2 708 218 | 1 021 | 2 790 712 | 31 220 | 2 446 881 |
| Lead and zinc ores and concentrates | 681 955 | 285 744 | 601 580 | 388 259 | 783 640 | 415 720 |
| Copper and nickel ores and concentrates | 917 920 | 234 293 | 670 937 | 255 328 | 939 185 | 168 953 |
| Other ores and base-metal products | 1 397 088 | 340 882 | 1 301 678 | 361 250 | 1 555 330 | 400 049 |
| Total metallic minerals | 30 356 454 | 9 794 218 | 34 121 561 | 10 427 906 | 34 000 699 | 10 131 052 |
| NONMETALLIC MINERALS | | | | | | |
| Limestone | 2 362 180 | 2 663 411 | 2 875 794 | 2 814 057 | 2 815 335 | 3 602 497 |
| Sand and gravel | 706 779 | 1 710 088 | 918 918 | 1 414 958 | 787 134 | 1 419 895 |
| Gypsum | 5 629 219 | 290 415 | 6 133 164 | 316 916 | 5 857 472 | 271 811 |
| Salt | 3 144 915 | 655 322 | 3 447 962 | 878 756 | 2 412 967 | 1 127 848 |
| Sulphur | 3 011 867 | 482 | 3 849 700 | – | 4 879 719 | 176 |
| Potash | 4 524 907 | 6 558 | 6 311 041 | 10 727 | 6 508 978 | 20 |
| Other mineral products (including clays, coal briquettes, greases and asphalt) | 2 569 221 | 2 638 689 | 2 891 011 | 2 722 029 | 3 225 573 | 2 830 985 |
| Total nonmetallic minerals | 21 949 088 | 7 964 965 | 26 428 590 | 8 157 443 | 17 027 237 | 3 959 029 |
| MINERAL FUELS | | | | | | |
| Coal and coke | 28 191 082 | 9 024 932 | 31 626 517 | 9 802 904 | 33 984 947 | 10 396 728 |
| Crude petroleum | 921 273 | 20 938 720 | 2 246 574 | 23 797 499 | 5 630 238 | 25 653 074 |
| Other mineral fuels | – | – | – | – | – | – |
| Total mineral fuels | 29 112 355 | 29 963 652 | 33 873 091 | 33 600 403 | 39 615 185 | 36 049 802 |
| Total crude mineral products | 81 417 897 | 47 722 835 | 94 423 242 | 52 185 752 | 90 643 121 | 50 139 883 |
| Total all commodities ¹ | 152 161 869 | 72 009 073 | 169 462 571 | 77 840 797 | 176 539 763 | 83 175 680 |
| Crude minerals as a percentage of all commodities | 53.5 | 66.3 | 55.7 | 67.0 | 51.3 | 60.3 |

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 58. CANADA, FABRICATED MINERAL PRODUCTS LOADED AND UNLOADED AT CANADIAN PORTS IN INTERNATIONAL SHIPPING TRADE,¹ 1993-95

| | 1993 | | 1994 | | 1995 | |
|--|-------------|------------|-------------|------------|-------------|------------|
| | Loaded | Unloaded | Loaded | Unloaded | Loaded | Unloaded |
| | (tonnes) | | | | | |
| METALLIC MINERAL PRODUCTS | | | | | | |
| Iron, steel and alloys | 1 654 602 | 2 004 280 | 1 193 744 | 3 501 487 | 1 648 013 | 2 739 600 |
| Nonferrous metals, n.e.s. | 1 203 432 | 3 806 560 | 1 058 252 | 3 814 232 | 1 020 791 | 3 598 281 |
| Total metallic mineral products | 2 858 034 | 5 810 840 | 2 251 996 | 7 315 719 | 2 688 804 | 6 337 881 |
| NONMETALLIC MINERAL PRODUCTS | | | | | | |
| Cement and related products | 2 060 410 | 150 121 | 2 667 688 | 199 900 | 2 859 091 | 202 185 |
| Other nonmetallic minerals, n.e.s. | 1 665 939 | 1 098 402 | 1 624 995 | 1 556 758 | 1 548 101 | 1 527 491 |
| Total nonmetallic mineral products | 3 726 349 | 1 248 523 | 4 292 683 | 1 756 658 | 4 407 192 | 1 729 676 |
| MINERAL FUEL PRODUCTS | | | | | | |
| Gasoline | 2 929 309 | 1 455 239 | 3 459 307 | 1 798 525 | 3 340 924 | 1 537 104 |
| Fuel oil | 4 659 986 | 3 088 207 | 3 568 220 | 2 287 097 | 3 424 489 | 2 246 242 |
| Coke, petroleum and coal products | 501 535 | 914 819 | 480 261 | 973 584 | 434 171 | 1 033 607 |
| Other mineral fuels, n.e.s. | 2 047 851 | 1 459 897 | 1 672 125 | 1 186 235 | 2 070 255 | 1 253 666 |
| Total mineral fuel products | 10 138 681 | 6 918 162 | 9 179 913 | 6 245 441 | 9 269 839 | 6 070 619 |
| Total fabricated mineral products | 16 723 064 | 13 977 525 | 15 724 592 | 15 317 818 | 16 345 835 | 14 138 176 |
| Total all commodities ¹ | 152 161 869 | 72 009 073 | 169 462 571 | 77 840 797 | 176 539 763 | 83 175 680 |
| Fabricated mineral products as a percentage of all commodities | 11.0 | 19.4 | 9.3 | 19.7 | | 17.0 |

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 59. CANADA, CRUDE MINERALS AND FABRICATED MINERAL PRODUCTS LOADED AT CANADIAN PORTS IN INTERNATIONAL SHIPPING TRADE, 1960-95

| | 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 |
| 1995 | 176 540 | 90 643 | 16 346 | 60.6 |

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 60. CANADA, CAPITAL AND REPAIR EXPENDITURES BY SELECTED INDUSTRIAL SECTOR, 1994-97

| | | Capital Expenditures | | | Repair Expenditures ¹ | | |
|--|-------------------|----------------------|-------------------------|-----------|----------------------------------|-------------------------|----------|
| | | Construction | Machinery and Equipment | Total | Construction | Machinery and Equipment | Total |
| (\$ millions) | | | | | | | |
| Agriculture and related service industries | 1994 | 1 028.2 | 2 297.8 | 3 326.0 | 465.1 | 1 543.2 | 2 008.4 |
| | 1995 | 1 115.9 | 2 392.4 | 3 508.3 | 442.8 | 1 663.7 | 2 106.5 |
| | 1996 ^p | 1 141.6 | 2 550.3 | 3 691.9 | .. | .. | .. |
| | 1997 ⁱ | 1 090.2 | 2 504.3 | 3 594.5 | .. | .. | .. |
| Fishing and trapping | 1994 | 53.7 | 78.2 | 131.9 | 38.6 | 163.6 | 202.2 |
| | 1995 | 51.4 | 66.1 | 117.5 | 36.9 | 139.6 | 176.4 |
| | 1996 ^p | 53.3 | 63.5 | 116.8 | .. | .. | .. |
| | 1997 ⁱ | 53.6 | 60.4 | 114.0 | .. | .. | .. |
| Logging and forestry | 1994 | 109.7 | 353.5 | 463.2 | 49.4 | 614.3 | 663.7 |
| | 1995 | 87.9 | 312.5 | 400.4 | 22.5 | 311.4 | 333.9 |
| | 1996 ^p | 72.8 | 312.0 | 384.9 | .. | .. | .. |
| | 1997 ⁱ | 106.3 | 246.4 | 352.7 | .. | .. | .. |
| Mining ² | 1994 | 12 644.9 | 1 208.3 | 13 853.1 | 451.9 | 2 298.0 | 2 749.9 |
| | 1995 | 12 869.8 | 1 745.4 | 14 615.2 | 375.5 | 2 311.0 | 2 686.4 |
| | 1996 ^p | 11 303.9 | 2 007.1 | 13 311.0 | .. | .. | .. |
| | 1997 ⁱ | 12 612.4 | 2 134.1 | 14 746.5 | .. | .. | .. |
| Manufacturing | 1994 | 2 515.9 | 12 013.1 | 14 529.0 | 1 168.0 | 6 806.3 | 7 974.3 |
| | 1995 | 2 771.4 | 13 963.7 | 16 735.1 | 1 128.1 | 7 232.4 | 8 360.5 |
| | 1996 ^p | 3 163.6 | 15 158.1 | 18 321.7 | .. | .. | .. |
| | 1997 ⁱ | 2 490.0 | 16 684.1 | 19 174.2 | .. | .. | .. |
| Construction | 1994 | 294.1 | 1 711.1 | 2 005.2 | 66.2 | 1 088.3 | 1 154.5 |
| | 1995 | 258.4 | 1 603.7 | 1 862.1 | 60.9 | 1 002.1 | 1 063.0 |
| | 1996 ^p | 270.2 | 1 678.3 | 1 948.5 | .. | .. | .. |
| | 1997 ⁱ | 274.2 | 1 702.8 | 1 977.0 | .. | .. | .. |
| Transportation and storage | 1994 | 2 923.6 | 2 946.8 | 5 870.4 | 1 233.0 | 3 390.0 | 4 623.0 |
| | 1995 | 3 115.2 | 2 613.4 | 5 728.6 | 1 282.2 | 3 422.3 | 4 704.4 |
| | 1996 ^p | 2 605.5 | 3 609.7 | 6 215.2 | .. | .. | .. |
| | 1997 ⁱ | 3 045.9 | 3 906.0 | 6 951.8 | .. | .. | .. |
| Communications and other utilities | 1994 | 7 221.1 | 6 446.9 | 13 668.0 | 1 321.7 | 3 028.6 | 4 350.3 |
| | 1995 | 6 657.3 | 6 602.7 | 13 260.0 | 1 276.5 | 2 735.9 | 4 012.5 |
| | 1996 ^p | 6 908.4 | 6 735.8 | 13 644.2 | .. | .. | .. |
| | 1997 ⁱ | 7 139.6 | 7 061.4 | 14 201.0 | .. | .. | .. |
| Wholesale and retail trade | 1994 | 1 589.2 | 3 502.6 | 5 091.8 | 463.9 | 1 145.2 | 1 609.0 |
| | 1995 | 1 973.1 | 3 674.9 | 5 648.0 | 395.0 | 1 230.4 | 1 625.3 |
| | 1996 ^p | 1 619.7 | 3 975.4 | 5 595.1 | .. | .. | .. |
| | 1997 ⁱ | 1 824.4 | 4 071.4 | 5 895.8 | .. | .. | .. |
| Housing | 1994 | 34 921.5 | — | 34 921.5 | 4 669.5 | — | 4 669.5 |
| | 1995 | 29 185.8 | — | 29 185.8 | 4 023.4 | — | 4 023.4 |
| | 1996 ^p | 31 520.4 | — | 31 520.4 | .. | .. | .. |
| | 1997 ⁱ | 33 954.2 | — | 33 954.2 | .. | .. | .. |
| Total ³ | 1994 | 81 444.3 | 48 686.9 | 130 131.2 | 16 110.1 | 23 308.7 | 39 418.8 |
| | 1995 | 76 391.3 | 51 411.5 | 127 802.8 | 14 569.2 | 22 450.8 | 37 020.0 |
| | 1996 ^p | 76 076.6 | 55 329.0 | 131 405.6 | .. | .. | .. |
| | 1997 ⁱ | 78 698.4 | 59 554.6 | 138 253.0 | .. | .. | .. |
| Mining as a percentage of total | 1994 | 15.5 | 2.5 | 10.6 | 2.8 | 9.9 | 7.0 |
| | 1995 | 16.8 | 3.4 | 11.4 | 2.6 | 10.3 | 7.3 |
| | 1996 ^p | 14.9 | 3.6 | 10.1 | .. | .. | .. |
| | 1997 ⁱ | 16.0 | 3.6 | 10.7 | .. | .. | .. |

Source: Statistics Canada.

— Nil; .. Not available; ⁱ Intentions; ^p Preliminary actual.¹ Repair data are not available for 1996 and 1997. 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 61. CANADA, CAPITAL AND REPAIR EXPENDITURES IN MINING¹ BY PROVINCE AND TERRITORY, 1994-97

| | | Capital Expenditures | | | Repair Expenditures ² | | |
|-----------------------|-------------------|----------------------|-------------------------|----------|----------------------------------|-------------------------|---------|
| | | Construction | Machinery and Equipment | Total | Construction | Machinery and Equipment | Total |
| (\$ millions) | | | | | | | |
| Newfoundland | 1994 | 1 443.6 | 10.8 | 1 454.5 | 8.9 | 127.6 | 136.5 |
| | 1995 | 1 432.1 | 26.4 | 1 458.5 | x | x | 166.0 |
| | 1996 ^p | 1 009.0 | 68.0 | 1 077.0 | .. | .. | .. |
| | 1997 ⁱ | 1 118.5 | 59.1 | 1 117.6 | .. | .. | .. |
| Nova Scotia | 1994 | 25.4 | 39.7 | 65.1 | 3.0 | 43.3 | 46.3 |
| | 1995 | 23.4 | 22.1 | 45.4 | 0.8 | 39.3 | 40.1 |
| | 1996 ^p | 69.9 | 25.3 | 95.1 | .. | .. | .. |
| | 1997 ⁱ | 128.8 | 38.1 | 166.9 | .. | .. | .. |
| New Brunswick | 1994 | x | x | 50.2 | x | x | 80.2 |
| | 1995 | 39.3 | 29.2 | 68.5 | 6.8 | 80.5 | 87.3 |
| | 1996 ^p | x | x | 87.3 | .. | .. | .. |
| | 1997 ⁱ | x | x | 107.2 | .. | .. | .. |
| Quebec | 1994 | 408.2 | 136.7 | 544.9 | 34.8 | 266.1 | 300.9 |
| | 1995 | 535.6 | 166.9 | 702.5 | 39.8 | 273.3 | 313.2 |
| | 1996 ^p | 519.0 | 133.9 | 652.8 | .. | .. | .. |
| | 1997 ⁱ | 443.8 | 107.4 | 551.2 | .. | .. | .. |
| Ontario | 1994 | 422.1 | 201.4 | 623.5 | 63.6 | 367.9 | 431.5 |
| | 1995 | 476.2 | 241.6 | 717.9 | 87.8 | 378.1 | 465.8 |
| | 1996 ^p | 428.8 | 301.5 | 730.4 | .. | .. | .. |
| | 1997 ⁱ | 442.9 | 302.1 | 744.9 | .. | .. | .. |
| Manitoba | 1994 | 117.2 | 33.5 | 150.7 | x | x | x |
| | 1995 | 189.4 | 55.0 | 244.0 | x | 72.4 | x |
| | 1996 ^p | 135.8 | 54.4 | 190.2 | .. | .. | .. |
| | 1997 ⁱ | 138.3 | 52.0 | 190.3 | .. | .. | .. |
| Saskatchewan | 1994 | 1 038.2 | 76.0 | 1 114.2 | 22.3 | 129.9 | 152.1 |
| | 1995 | 1 070.0 | 116.7 | 1 186.7 | 23.2 | 143.3 | 166.4 |
| | 1996 ^p | 1 231.2 | 173.3 | 1 404.4 | .. | .. | .. |
| | 1997 ⁱ | 1 386.7 | 233.4 | 1 620.2 | .. | .. | .. |
| Alberta | 1994 | 7 681.1 | 572.4 | 8 253.5 | 195.1 | 852.6 | 1 047.7 |
| | 1995 | 7 929.4 | 819.4 | 8 748.8 | 166.7 | 738.1 | 904.9 |
| | 1996 ^p | 6 730.0 | 951.5 | 7 681.5 | .. | .. | .. |
| | 1997 ⁱ | 7 789.2 | 1 096.6 | 8 885.8 | .. | .. | .. |
| British Columbia | 1994 | 1 407.9 | 109.7 | 1 517.6 | 109.4 | 374.1 | 483.6 |
| | 1995 | 1 082.5 | 247.1 | 1 329.7 | 34.4 | 405.5 | 439.9 |
| | 1996 ^p | 1 074.3 | 254.4 | 1 328.7 | .. | .. | .. |
| | 1997 ⁱ | 1 002.1 | 192.8 | 1 194.9 | .. | .. | .. |
| Yukon | 1994 | .. | 1.6 | 1.7 | .. | 0.9 | 0.9 |
| | 1995 | 37.2 | 11.8 | 49.0 | .. | 0.6 | 0.6 |
| | 1996 ^p | x | x | 3.6 | .. | .. | .. |
| | 1997 ⁱ | x | x | x | .. | .. | .. |
| Northwest Territories | 1994 | 71.5 | 5.9 | 77.4 | x | x | x |
| | 1995 | 54.6 | 9.1 | 63.7 | x | x | x |
| | 1996 ^p | 51.8 | 8.2 | 60.0 | .. | .. | .. |
| | 1997 ⁱ | 72.3 | 10.4 | 82.7 | .. | .. | .. |
| Total Canada | 1994 | 12 644.9 | 1 208.3 | 13 853.1 | 451.9 | 2 298.0 | 2 749.9 |
| | 1995 | 12 869.9 | 1 745.4 | 14 615.2 | 375.5 | 2 311.0 | 2 686.4 |
| | 1996 ^p | 11 303.9 | 2 007.1 | 13 311.0 | .. | .. | .. |
| | 1997 ⁱ | 12 612.4 | 2 134.1 | 14 746.5 | .. | .. | .. |

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 1996 and 1997.

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 48.

TABLE 62. CANADA, CAPITAL AND REPAIR EXPENDITURES IN MINING AND MINERAL MANUFACTURING INDUSTRIES, 1994-97

| | 1994 | | | 1995 | | | 1996P | 1997i |
|---|-----------------|----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|
| | Capital | Repair | Total | Capital | Repair | Total | Capital | Capital |
| (\$ millions) | | | | | | | | |
| MINING | | | | | | | | |
| Metal mines | | | | | | | | |
| Gold | 652.8 | 253.3 | 906.1 | 772.2 | 251.3 | 1 023.4 | 558.5 | 482.0 |
| Copper and copper-zinc | 242.5 | 189.6 | 432.1 | 346.1 | 194.5 | 540.6 | 356.3 | 286.5 |
| Nickel-copper | x | x | x | 348.7 | x | x | 597.3 | 583.3 |
| Silver-lead-zinc | 90.2 | 64.3 | 154.5 | 151.7 | 84.9 | 236.6 | 109.0 | 146.2 |
| Uranium | x | x | x | x | x | 196.6 | x | x |
| Iron | 124.1 | 201.8 | 341.8 | 178.4 | 259.5 | 437.9 | 216.1 | 208.3 |
| Other metal mines | x | x | x | x | x | x | x | x |
| Total | 1 380.0 | 860.9 | 2 240.9 | 2 016.0 | 1 117.9 | 3 133.9 | 2 028.2 | 1 966.5 |
| Nonmetal mines | | | | | | | | |
| Asbestos | x | x | x | x | x | x | x | x |
| Peat | 13.7 | 4.9 | 18.6 | 10.8 | 6.1 | 16.9 | 9.8 | 7.2 |
| Gypsum | 13.4 | 14.7 | 28.1 | 22.5 | 16.4 | 38.9 | 17.6 | 16.1 |
| Potash | 83.9 | 119.0 | 202.9 | 82.2 | 153.5 | 235.7 | 105.0 | 131.5 |
| Salt | x | x | x | x | x | x | x | x |
| Other nonmetal mines | 7.1 | 13.9 | 21.0 | 14.0 | 13.5 | 27.5 | 26.0 | 40.8 |
| Coal | 218.5 | 341.9 | 560.5 | 310.5 | 397.9 | 708.4 | 327.3 | 256.8 |
| Total | 421.5 | 571.7 | 993.4 | 514.2 | 663.4 | 1 177.6 | 557.5 | 554.5 |
| Quarries and sand pits | 121.7 | 110.4 | 232.1 | 82.3 | 75.6 | 157.9 | 80.5 | 68.7 |
| Crude petroleum and natural gas | 11 787.8 | 953.0 | 12 740.8 | 11 912.8 | 758.8 | 12 671.6 | 10 590.5 | 12 099.2 |
| Service industries incidental to mineral extraction | 142.1 | 119.8 | 261.9 | 89.9 | 70.7 | 160.6 | 54.7 | 57.6 |
| Total mining industries | 13 853.1 | 2 615.8 | 16 469.1 | 14 615.2 | 2 686.4 | 17 301.6 | 13 311.4 | 14 746.5 |
| MINERAL MANUFACTURING | | | | | | | | |
| Primary metal industries | | | | | | | | |
| Primary steel | 226.8 | 750.7 | 977.5 | 450.8 | 795.5 | 1 246.3 | 662.0 | 535.8 |
| Steel pipe and tube mills | 51.7 | 74.9 | 126.6 | 40.9 | 83.1 | 124.0 | 52.7 | 79.5 |
| Iron foundries | 68.6 | 43.5 | 112.0 | 100.1 | 85.1 | 185.2 | 76.3 | 109.2 |
| Smelting and refining | 175.3 | 404.5 | 579.7 | 335.5 | 577.1 | 912.6 | 697.4 | 785.4 |
| Aluminum rolling, casting and extruding | 104.1 | 63.0 | 167.1 | 90.5 | 72.6 | 163.1 | 100.7 | 120.5 |
| Copper and copper alloy, rolling, casting and extruding | 15.0 | 14.4 | 29.3 | 21.3 | 14.6 | 35.9 | 9.2 | 18.9 |
| Metal rolling, casting and extruding | 28.9 | 16.3 | 45.2 | 79.2 | 34.3 | 113.5 | 108.5 | 192.1 |
| Total | 670.3 | 1 367.1 | 2 037.5 | 1 118.3 | 1 662.2 | 2 780.6 | 1 706.8 | 1 841.5 |
| Nonmetallic mineral products | | | | | | | | |
| Clay products | 6.1 | 12.7 | 18.8 | 7.2 | 9.3 | 16.6 | 19.5 | 10.6 |
| Cement | 46.2 | 77.5 | 123.6 | 81.6 | 104.5 | 186.2 | 45.7 | 69.6 |
| Concrete products | 63.5 | 32.8 | 96.3 | 29.1 | 27.4 | 56.6 | 29.1 | 44.6 |
| Ready-mix concrete | 36.9 | 37.1 | 74.0 | 77.5 | 54.3 | 131.8 | 124.0 | 134.8 |
| Glass and glass products | 112.3 | 39.0 | 151.3 | 112.1 | 34.8 | 146.9 | 108.3 | 129.6 |
| Abrasives | 6.4 | 16.8 | 23.3 | 14.2 | 13.4 | 27.6 | 11.2 | 7.7 |
| Lime | 11.2 | 10.5 | 21.7 | 13.8 | 9.5 | 23.4 | 10.7 | 16.5 |
| Other nonmetallic mineral products | 75.5 | 92.8 | 168.2 | 78.6 | 50.2 | 128.9 | 75.0 | 49.5 |
| Total | 358.0 | 319.2 | 677.2 | 414.3 | 303.5 | 717.8 | 423.6 | 462.8 |

TABLE 62 (cont'd)

| | 1994 | | | 1995 | | | 1996 ^p | 1997 ⁱ |
|---|---------------|---------|----------|----------|---------|----------|-------------------|-------------------|
| | Capital | Repair | Total | Capital | Repair | Total | Capital | Capital |
| | (\$ millions) | | | | | | | |
| Metal-fabricating industries | | | | | | | | |
| Power boiler and heat exchanger | 16.7 | 8.0 | 24.7 | 572.8 | 303.6 | 876.4 | 756.6 | 743.8 |
| Fabricated structural metal | 33.0 | 20.9 | 53.9 | 63.0 | 52.9 | 115.9 | 82.1 | 113.5 |
| Ornamental and architectural metal | 37.8 | 15.4 | 53.1 | 30.6 | 10.6 | 41.2 | 40.1 | 45.4 |
| Metal stamping, pressing and coating | 89.2 | 56.8 | 146.0 | 99.5 | 77.1 | 176.5 | 78.2 | 92.1 |
| Wire and wire products | 61.2 | 38.6 | 99.9 | 42.0 | 35.9 | 77.9 | 60.8 | 69.8 |
| Hardware, tool and cutlery | 103.4 | 30.9 | 134.4 | 80.1 | 49.7 | 129.8 | 130.0 | 155.9 |
| Heating equipment | 6.9 | 2.1 | 9.1 | 11.6 | 3.2 | 14.9 | 20.0 | 32.3 |
| Machine shops | 84.5 | 14.8 | 99.3 | 168.2 | 20.4 | 188.6 | 187.9 | 142.3 |
| Miscellaneous metal fabricating | 37.5 | 10.8 | 48.4 | 60.8 | 45.0 | 105.8 | 147.6 | 74.4 |
| Total | 470.3 | 198.4 | 668.7 | 572.8 | 303.6 | 876.4 | 756.6 | 743.8 |
| Petroleum and coal products | | | | | | | | |
| Refined petroleum products | 307.9 | 323.9 | 631.8 | 275.9 | 284.5 | 560.4 | 357.4 | 343.7 |
| Other petroleum products | 15.1 | 21.0 | 36.0 | 16.0 | 17.5 | 33.4 | 29.9 | 17.1 |
| Total | 323.0 | 344.9 | 667.8 | 291.9 | 301.9 | 593.8 | 387.3 | 360.8 |
| Total mineral manufacturing industries | 1 821.6 | 2 229.6 | 4 051.2 | 2 397.3 | 2 571.2 | 4 968.6 | 3 274.3 | 3 408.9 |
| Total mining and mineral manufacturing industries | 15 674.7 | 4 845.4 | 20 520.3 | 17 012.5 | 5 257.6 | 22 270.2 | 16 585.7 | 18 155.4 |

Source: Statistics Canada.

ⁱ Intentions; ^p Preliminary actual; x Confidential.¹ Repair data are not available for 1996 and 1997.

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 49.

TABLE 63. CANADA, CAPITAL AND REPAIR¹ EXPENDITURES IN THE MINING INDUSTRY, MACHINERY AND EQUIPMENT, AND CONSTRUCTION, 1994-97

| | 1994 | 1995 | 1996 ^p | 1997 ⁱ |
|--|---------------|-------------------|-------------------|-------------------|
| | (\$ millions) | | | |
| METAL MINES | | | | |
| Capital | | | | |
| Machinery and equipment | 328.6 | 558.0 | 665.9 | 642.5 |
| Construction | 1 051.4 | 1 458.1 | 1 362.3 | 1 324.0 |
| Repair | | | | |
| Machinery and equipment | 860.9 | 964.3 | .. | .. |
| Construction | 134.0 | 153.6 | .. | .. |
| NONMETAL MINES | | | | |
| Capital | | | | |
| Machinery and equipment | 78.2 | 99.3 | 103.1 | 115.8 |
| Construction | 124.8 | 104.5 | 126.7 | 182.0 |
| Repair | | | | |
| Machinery and equipment | 215.2 | 248.4 | .. | .. |
| Construction | 14.7 | 17.1 | .. | .. |
| COAL MINES | | | | |
| Capital | | | | |
| Machinery and equipment | 138.9 | 238.8 | 232.8 | 148.5 |
| Construction | 79.7 | 71.7 | 94.5 | 108.3 |
| Repair | | | | |
| Machinery and equipment | 323.2 | 375.8 | .. | .. |
| Construction | 18.7 | 22.1 | .. | .. |
| QUARRY AND SAND PIT INDUSTRIES | | | | |
| Capital | | | | |
| Machinery and equipment | 107.1 | 77.0 | 80.5 ^a | 68.7 ^a |
| Construction | 14.6 | 5.3 | | |
| Repair | | | | |
| Machinery and equipment | 108.9 | 75.6 ^a | .. | .. |
| Construction | 1.5 | | .. | .. |
| CRUDE PETROLEUM AND NATURAL GAS | | | | |
| Capital | | | | |
| Machinery and equipment | 420.6 | 691.1 | 899.5 | 1 120.3 |
| Construction | 11 367.2 | 11 221.7 | 9 691.0 | 10 978.8 |
| Repair | | | | |
| Machinery and equipment | 670.8 | 581.3 | .. | .. |
| Construction | 282.3 | 177.5 | .. | .. |
| SERVICE INDUSTRIES INCIDENTAL TO MINERAL EXTRACTION | | | | |
| Capital | | | | |
| Machinery and equipment | 135.0 | 81.4 | 54.7 ^a | 57.6 ^a |
| Construction | 7.1 | 8.6 | | |
| Repair | | | | |
| Machinery and equipment | 119.1 | 70.7 ^a | .. | .. |
| Construction | 0.7 | | .. | .. |
| TOTAL MINING | | | | |
| Capital | | | | |
| Machinery and equipment | 1 208.3 | 1 745.4 | 2 007.1 | 2 134.1 |
| Construction | 12 644.9 | 12 869.8 | 11 303.9 | 12 612.4 |
| Repair | | | | |
| Machinery and equipment | 2 298.0 | 2 311.0 | .. | .. |
| Construction | 451.9 | 375.5 | .. | .. |

Source: Statistics Canada.

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

^a Includes both construction and machinery and equipment.¹ Repair data are not available for 1996 and 1997.

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 49.

TABLE 64. CANADA, CAPITAL AND REPAIR¹ EXPENDITURES IN THE MINERAL MANUFACTURING INDUSTRIES, MACHINERY AND EQUIPMENT, AND CONSTRUCTION, 1994-97

| | 1994 | 1995 | 1996 ^p | 1997 ⁱ |
|---|---------------|---------|-------------------|-------------------|
| | (\$ millions) | | | |
| PRIMARY METAL | | | | |
| Capital | | | | |
| Machinery and equipment | 520.2 | 911.5 | 1 384.6 | 1 564.6 |
| Construction | 150.1 | 206.9 | 322.2 | 276.9 |
| Repair | | | | |
| Machinery and equipment | 1 219.7 | 1 440.8 | .. | .. |
| Construction | 147.4 | 221.4 | .. | .. |
| NONMETALLIC MINERAL PRODUCTS | | | | |
| Capital | | | | |
| Machinery and equipment | 330.2 | 358.4 | 368.7 | 415.6 |
| Construction | 27.8 | 55.9 | 54.9 | 47.2 |
| Repair | | | | |
| Machinery and equipment | 282.7 | 283.6 | .. | .. |
| Construction | 36.5 | 20.0 | .. | .. |
| FABRICATED METAL PRODUCTS | | | | |
| Capital | | | | |
| Machinery and equipment | 409.2 | 511.7 | 637.6 | 619.5 |
| Construction | 61.1 | 61.1 | 119.0 | 124.3 |
| Repair | | | | |
| Machinery and equipment | 172.1 | 265.8 | .. | .. |
| Construction | 26.3 | 37.8 | .. | .. |
| REFINED PETROLEUM AND COAL PRODUCTS | | | | |
| Capital | | | | |
| Machinery and equipment | 120.3 | 159.1 | 273.2 | 290.9 |
| Construction | 202.7 | 132.8 | 114.1 | 70.0 |
| Repair | | | | |
| Machinery and equipment | 133.0 | 123.4 | .. | .. |
| Construction | 211.8 | 178.5 | .. | .. |
| TOTAL MINERAL MANUFACTURING INDUSTRIES | | | | |
| Capital | | | | |
| Machinery and equipment | 1 379.9 | 1 940.7 | 2 664.1 | 2 890.6 |
| Construction | 441.7 | 456.7 | 610.2 | 518.4 |
| Repair | | | | |
| Machinery and equipment | 1 807.5 | 2 213.6 | .. | .. |
| Construction | 422.0 | 457.7 | .. | .. |

Source: Statistics Canada.

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

¹ Repair data are not available for 1996 and 1997.

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