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# General review of the mineral industries

MINES, QUARRIES AND OIL WELLS

1970

# Revue générale sur les industries minérales

MINES, CARRIÈRES ET PUITS DE PÉTROLE

1970

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# GENERAL REVIEW OF THE MINERAL INDUSTRIES

# REVUE GÉNÉRALE SUR LES INDUSTRIES MINÉRALES

## (MINES, QUARRIES AND OIL WELLS)
## (MINES, CARRIÈRES ET PUITS DE PÉTROLE)

## 1970

ANNUAL CENSUS OF MINES | RECENSEMENT ANNUEL DES MINES

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# INTRODUCTION

Shipments of mineral commodities by Canadian mine operators were valued at $5,722,058,591 in 1970, an increase of 20.9 % over the 1969 value of $4,734,283,855. The metals group increased 29.3 % to $3,073 million from $2,378 million. Non-metals increased 6.7 % to $481 million from $450 million. Mineral or fossil fuels rose 17.2 % to $1,718 million from $1,465 million. Structural materials showed an increase of 2.1 % to $450 million from $441.

Using the index base year of 1961 as 100 the quantity index of Real Domestic Product of the mineral industry was 178.5 in 1970 compared with 153.4 in 1969. The volume of ore or rock mined or quarried in 1970 amounted to 432,244,190 tons compared with 386,673,126 tons in 1969. Excluded from these figures were the tonnages of coal mined and the tonnages of sand, gravel, sodium sulphate and similar materials not actually mined or blasted.

The ten leading mineral commodities in order of total value were, in 1970: petroleum, nickel, copper, iron ore, zinc, natural gas, asbestos, natural gas by-products, cement, sand and gravel. In 1969 these were petroleum, copper, nickel, iron ore, zinc, natural gas, asbestos, cement, natural gas by-products and sand and gravel.

Gains in 1970 output, compared to 1969, were recorded in all provinces and territories except Nova Scotia. Ontario continued to lead the provinces in value of output, accounting for 27.8 % of the Canadian total in 1970 and 25.8 % in 1969; Alberta was in second place with 24.4 % in 1970 and 25.4 % in 1969; in third position was Quebec with 14.0 % in 1970 and 15.3 % in 1969. The biggest percentage gain (118.9) was recorded by Yukon with 1970 output valued at $77 million compared to $35 million in 1969. British Columbia, with 1970 output of $490 million compared to $434 million in 1969, showed an increase of 8.6 %.

Nickel, the leading metal, had a 1970 value of $830.2 million compared to $481.1 million in 1969. Copper output showed an increase to $779.2 million in 1970 compared to $588.3 million in 1969. Iron ore increased from $454.1 million in 1969 to $588.6 million in 1970. Zinc output in 1970 was $398.9 million compared with $367.8 million in 1969. Following the pattern of recent years, gold output continued to decline, dropping from $95.9 million in 1969 to $88.1 million in 1970 — this drop being partly accounted for by the shut down of additional gold mines.

Value of the non-metals group increased to $480.5 million from $450.2 million in the previous year with the increases largely accounted for by asbestos, fluorspar, peat, salt, potash and titanium dioxide.

Mineral or fossil fuels were valued to $1,717.7 million in 1970, an increase of 17.2 % over the preceding year. The greatest increase was accounted for by a substantial boost in petroleum output.

Output of structural materials, in 1970, was valued at $450.4 million, a 2.1 % increase from the 1969 value of $441.2 million. Clay products, sand and gravel and lime showed slight increases while declines were recorded for stone as well as cement.

Les livraisons de produits minéraux par les exploitants de mines du Canada ont été évaluées à $5,722,058,591 en 1970, soit une augmentation de 20.9 % par rapport à 1969 ($4,734,283,855). Le groupe des métaux a progressé de 29.3 %, passant de 2,378 millions de dollars à 3,073 millions. Les minéraux non métalliques ont augmenté de 6.7 %, passant de 450 millions de dollars à 481 millions. Les combustibles minéraux ont progressé de 17.2 %, pour passer de 1,465 millions de dollars à 1,718 millions. Les matériaux de construction ont accusé une augmentation de 2.1 %, passant de 441 millions de dollars à 450 millions.

Sur la base 1961=100, l'indice quantitatif du produit intérieur réel de l'industrie minière a été de 178.5 en 1970 comparativement à 153.4 en 1969. Le volume de minerai ou de pierre extrait en 1970 s'est élevé à 432,244,190 tonnes contre 386,673,126 tonnes en 1969. Ces chiffres ne tiennent pas compte du nombre de tonnes de charbon extrait de la mine, ni du nombre de tonnes de sable, de gravier, de sulfate de sodium et de matériaux analogues qui, en fait, ne sont pas extraits d'une mine ni extraits par explosion.

Les dix principaux produits minéraux, classés selon leur valeur totale, ont été en 1970: le pétrole, le nickel, le cuivre, le minerai de fer, le zinc, le gaz naturel, l'amiante, les dérivés du gaz naturel, le ciment, le sable et le gravier. En 1969, ils se classaient comme suit: le pétrole, le cuivre, le nickel, le minerai de fer, le zinc, le gaz naturel, l'amiante, le ciment, les dérivés du gaz naturel et le sable et le gravier.

De 1969 à 1970, la production a augmenté dans toutes les provinces et dans les territoires, sauf en Nouvelle-Écosse. En ce qui concerne la valeur de la production, l'Ontario reste en tête avec 27.8 % du total national en 1970 et 25.8 % en 1969; l'Alberta suit avec 24.4 % en 1970 et 25.4 % en 1969; le Québec vient ensuite avec 14.0 % en 1970 et 15.3 % en 1969. En pourcentage, la progression la plus importante (118.9 %) a été enregistrée au Yukon, où la production a été évaluée à 77 millions de dollars en 1970, comparativement à 35 millions en 1969. La Colombie-Britannique, dont la production a été de 490 millions de dollars en 1970 contre 434 millions en 1969, a connu une augmentation de 8.6 %.

Le nickel, principal métal, a atteint une valeur de 830.2 millions de dollars en 1970, comparativement à 481.1 millions en 1969. La production de cuivre est passée de 588.3 millions de dollars en 1969 à 779.2 millions en 1970. Le minerai de fer a augmenté, passant de 454.1 millions en 1969 à 588.6 millions en 1970. En 1970, la production de zinc a été de 398.9 millions de dollars comparativement à 367.8 millions en 1969. La production d'or a continué de diminuer au même rythme que les années précédentes, pour tomber de 95.9 millions de dollars en 1969 à 88.1 millions en 1970; cette régression s'explique en partie par de nouvelles fermetures de mines.

La valeur des minéraux non métalliques est passée de 450.2 millions de dollars en 1969 à 480.5 millions en 1970; cette progression est surtout due à l'amiante, au spath fluor, à la tourbe, au sel, à la potasse et au bioxyde de titane.

La valeur des combustibles minéraux a été de 1,717.7 millions de dollars en 1970, soit une augmentation 17.2 % par rapport à l'année précédente. Cette progression est principalement due à une hausse importante de la production du pétrole.

En 1970, la production de matériaux de contruction a été évaluée à 450.4 millions de dollars, soit 2.1 % de plus qu'en 1969 (441.2 millions de dollars). Les produits d'argile, la chaux, le sable et le gravier ont accusé de légères augmentations tandis que la pierre et le ciment ont diminué.

## EXPLANATORY NOTES

### Establishment

The reporting unit in the Census of Mines, Quarries and Oil Wells is the establishment. Beginning with the 1961 Census, the establishment is defined as follows:

The smallest unit which is a separate operating entity capable of reporting all the following:
- Materials and supplies used
- Goods purchased for resale as such
- Fuel and power consumed
- Number of employees and their pay
- Inventories
- Shipments or sales.

The establishment is to be distinguished from smaller subdivisions or departments which do not have records which permit them to report all items required of an establishment. Prior to 1961, some establishments were required to submit two or more separate reports when they were engaged in operations which were classifiable to different industries. Beginning with 1961, separate reports for such operations will be required only in cases where accounting records can provide all the elements of principal statistics enumerated above. Special reporting arrangements were made with respondents when the acceptance of combined reports would have seriously affected the statistics for particular industries or areas. Where continuity of industry statistics was affected by this change in reporting procedures, adjustments to the data were made back to 1957 in order to maintain comparability of the series for recent years.

A mining establishment is typically a mine, mine/mill, quarry, pit or bog principally engaged in mining operations. Prior to 1961, the Census of Mines, Quarries and Oil Wells attempted to cover the mining activities of all establishments, whether or not they were principally engaged in mining operations. Beginning with the 1961 Census, establishments (accounting entities) which are not primarily engaged in mining are no longer included as mining establishments in the basic industry statistics. Again adjustments to the industry statistics were made to reflect the removal of such reporting units for the period 1957-1960. These reporting units are now listed as establishments in other Bureau industry surveys, such as Wholesale Trade, Construction, etc. In order, however, to maintain complete coverage of certain commodity items produced mainly in mining establishments, many non-mining establishments are now surveyed for commodity information only and the latter are included in the appropriate tables of industry reports.

### Head Offices and Auxiliary Units

All head offices and auxiliary units of companies classified to the manufacturing industries such as sales offices, administrative offices, warehouses, laboratories, etc. are now surveyed as part of the Census of Mines, Quarries and Oil Wells.

These head offices and auxiliary units are either included in an establishment report or are surveyed by means of the head office questionnaire. The former is the most common case where a single establishment firm has its executive personnel, sales office, etc. located at the site of the manufacturing plant (establishment).

## NOTES EXPLICATIVES

### L'établissement

Pour le recensement des mines, carrières et puits de pétrole, c'est l'établissement qui constitue l'unité déclarante. Depuis le recensement de 1961, l'établissement est défini comme suit:

La plus petite unité distincte d'exploitation en mesure de fournir l'ensemble des renseignements suivants:
- Matières premières et fournitures utilisées
- Marchandises achetées pour la revente en l'état
- Combustible et électricité consommés
- Nombre d'employés et paie
- Stocks
- Livraisons ou ventes.

L'établissement est à distinguer des unités plus petites (par exemple subdivision ou service) lesquelles n'ont pas les documents permettant de communiquer tous les éléments d'information ci-dessus. Avant 1961, certains établissements étaient tenus de soumettre plusieurs déclarations distinctes lorsqu'ils pratiquaient des activités relevant d'industries différentes. Depuis 1961, de telles activités ne font l'objet de déclarations distinctes que lorsque leurs documents comptables portent tous les éléments des données principales énumérées plus haut. Des dispositions particulières ont été prises avec les enquêtés chaque fois que la réunion d'activités en une même déclaration était de nature à fausser les statistiques relatives à une industrie ou à une région en particulier. D'autre part, lorsque le changement de méthode introduisait une discontinuité dans les statistiques d'une industrie, les données correspondantes ont été redressées depuis 1957 pour conserver la comparabilité des séries des dernières années.

L'établissement minier type est la mine (avec ou sans usine), la carrière, la minière ou la tourbière principalement affectée à l'exploitation minière. Avant 1961, le recensement des mines, carrières et puits de pétrole cherchait à retracer l'activité minière de tous les établissements, qu'ils aient ou non l'exploitation minière comme activité principale. Depuis le recensement de 1961, les établissements (entités comptables) dont l'objet n'est pas minier en premier lieu ne sont plus représentés dans les statistiques du secteur. Ces dernières ont été modifiées une fois de plus pour la période 1957-1960, afin de tenir compte de la soustraction des unités correspondantes, maintenant prises en compte comme établissements dans les enquêtes consacrées par le Bureau à d'autres secteurs d'activité: commerce de gros, construction, etc. Afin toutefois de donner une vue complète de certaines productions fournies principalement par les établissements miniers, il est demandé à leur sujet des renseignements à plusieurs établissements non miniers et les données correspondantes figurent aux tableaux présentés dans les rapports consacrés au secteur.

### Sièges sociaux et unités auxiliaires

Tous les sièges sociaux et unités auxiliaires (bureaux de vente, bureaux d'administration, entrepôts, laboratoires, etc.) des sociétés rattachées à l'industrie manufacturière sont maintenant interrogés dans le cadre du recensement des mines, carrières et puits de pétrole.

Les renseignements qui les concernent sont communiqués soit sur la déclaration d'établissement, soit sur le questionnaire de siège social. Le premier cas, qui est le plus fréquent, est celui de l'entreprise à établissement unique, qui a son personnel de direction, son service des ventes, etc. sur les lieux mêmes de son usine de fabrication (établissement).

The special head office questionnaire is generally used where a firm, regardless of the number of establishments, has separately located offices or auxiliary units. Such offices or units do not constitute establishments within the Census of Mines, Quarries and Oil Wells as they do not normally generate operational revenues, but give rise only to costs of operations (mainly salaries and wages) which are automatically included in the value of shipments or sales. Although not considered as establishments, and hence, not included in the "establishment" count for an industry, the operational costs are reflected in either the "Industry" statistics (3 or 4 digit level) or the "Major group" statistics (2 digit level) according to the following rules:

(a) In the case of single establishment firms, statistics for separately located offices and units are classified to the same industry (3 or 4 digit) as the establishment;

(b) In the case of multi-establishment firms, for the years 1960-1969, the statistics for such offices and units are coded to the same industry as the establishments of the firm, when all establishments are in the same industry (3 or 4 digit). When establishments of such firms are coded (1) to different industries within a major group, (2) to industries in different major groups or (3) to industries in different divisions of the Standard Industrial Classification, then the statistics are included in the major group totals (2 digit level) in which the major part of the company's operations are classified. Although this may result in some distortion of major group statistics in the case of (2) and (3) the statistics at the industry (3 or 4 digit) level in all cases will be left free of these company-wide data.

(c) Commencing with 1970, all head office questionnaires have been included at the 4 digit industry level.

Le questionnaire spécial de siège social est généralement utilisé dans le cas des entreprises qui, indépendamment du nombre de leurs établissements, ont des bureaux ou unités auxiliaires géographiquement séparés. Ces bureaux ou unités ne constituent pas des établissements au sens du présent recensement du fait qu'ils ne produisent normalement pas de recettes d'exploitation, entraînant seulement des dépenses d'exploitation (surtout en salaires et en traitements) qui figurent automatiquement dans la valeur des livraisons ou des ventes. Quoique non considérés comme établissements, et par conséquent non compris dans le nombre total d'établissements d'une industrie donnée, leurs frais d'exploitation sont pris en compte dans les statistiques relatives soit à l'activité économique (code à 3 ou 4 chiffres), soit au groupe d'activité (2 chiffres), conformément aux règles suivantes:

(a) Dans le cas des entreprises à établissement unique, les statistiques relatives aux bureaux et unités géographiquement distincts sont rattachées à l'activité économique (3 ou 4 chiffres) de l'établissement;

(b) Dans le cas des entreprises à établissements multiples, pour les années 1960-1969, les statistiques relatives à ces bureaux et unités sont classées dans la rubrique de rattachement des établissements de la société, lorsque tous ces établissements appartiennent à la même activité économique (3 ou 4 chiffres). Lorsque les établissements d'une entreprise sont rattachés: soit 1) à différentes activités économiques d'un même groupe, soit 2) à des activités économiques relevant de groupes différents, soit enfin 3) à des activités économiques appsrtenant à des divisions différentes de la Classification revisée des activités économiques, les données sont alors portées aux totaux du groupe (à 2 chiffres) auquel se rattache le gros de l'activité de l'entreprise. S'il peut en résulter certaines distorsions aux statistiques des groupes dans les cas 2) et 3), cet inconvénient est toujours évité au niveau de l'activité économique (3 ou 4 chiffres), dont les statistiques ne comportent pas de ces rattachements arbitraires.

(c) À compter de 1970, tous les questionnaires des sièges sociaux sont rattachés au niveau d'activité à 4 chiffres.

## SYMBOLS

The following standard symbols are used in Statistics Canada publications:

.. figures not available.

... figures not appropriate or not applicable.

— nil or zero.

-- amount too small to be expressed.

p preliminary figures.

r revised figures.

x confidential to meet secrecy requirements of the Statistics Act.

## SIGNES CONVENTIONNELS

Les signes conventionnels suivants sont employés uniformément dans les publications de Statistique Canada:

.. nombres indisponibles.

... n'ayant pas lieu de figurer.

— néant ou zéro.

-- nombres infimes.

p nombres provisoires.

r nombres rectifiés.

x confidentiel en vertu des dispositions de la Loi sur la statistique relatives au secret.

TABLE 1A. Mineral Production of Canada, by Province, 1962

| No. | | | Newfoundland — Terre-Neuve | Prince Edward Island — Île-du-Prince-Édouard | Nova Scotia — Nouvelle-Écosse | New Brunswick — Nouveau-Brunswick | Québec | Ontario | Manitoba |
|---|---|---|---|---|---|---|---|---|---|
| | Metals | | | | | | | | |
| 1 | Antimony | lb. | – | – | – | – | – | – | – |
| 2 | | $ | – | – | – | – | – | – | – |
| 3 | Bismuth | lb. | – | – | – | 33,103 | 407,346 | – | – |
| 4 | | $ | – | – | – | 142,674 | 1,446,387 | – | – |
| 5 | Cadmium | lb. | – | – | – | 68,179 | 252,930 | 2,732,729 | 223,192 |
| 6 | | $ | – | – | – | 194,310 | 720,850 | 7,788,278 | 636,097 |
| 7 | Calcium | lb. | – | – | – | – | – | 468,512 | – |
| 8 | | $ | – | – | – | – | – | 450,946 | – |
| 9 | Cobalt | lb. | – | – | – | – | 33,832 | 3,221,025 | 774,692 |
| 10 | | $ | – | – | – | – | 73,077 | 6,957,851 | 1,656,724 |
| 11 | Columbium ($Cb_2O_5$) | lb. | – | – | – | – | 2,181,304 | – | – |
| 12 | | $ | – | – | – | – | 2,036,315 | – | – |
| 13 | Copper | lb. | 46,597,819 | – | 280,078 | 16,529,547 | 335,201,404 | 581,236,227 | 69,166,150 |
| 14 | | $ | 22,413,551 | – | 134,718 | 7,950,712 | 161,231,875 | 278,313,194 | 33,268,918 |
| 15 | Gold | oz. | 7,803 | – | 3 | 2,202 | 768,068 | 1,379,779 | 39,155 |
| 16 | | $ | 294,251 | – | 113 | 83,037 | 28,963,844 | 52,031,466 | 1,476,535 |
| 17 | Indium | oz. | – | – | – | – | – | – | – |
| 18 | | $ | – | – | – | – | – | – | – |
| 19 | Iron ore | ton | 19,705,316 | – | – | – | 14,736,045 | 10,907,197 | – |
| 20 | | $ | 246,508,466 | – | – | – | 137,417,718 | 127,137,824 | – |
| 21 | Iron, remelt | ton | – | – | – | – | .. | – | – |
| 22 | | $ | – | – | – | – | 22,022,849 | – | – |
| 23 | Lead | lb. | 37,828,264 | – | 5,200,154 | 108,699,774 | 5,872,563 | 25,800,813 | 2,954,148 |
| 24 | | $ | 5,084,119 | – | 698,901 | 14,609,250 | 789,272 | 3,467,629 | 397,037 |
| 25 | Magnesium | lb. | – | – | – | – | – | 19,856,937 | – |
| 26 | | $ | – | – | – | – | – | 6,181,992 | – |
| 27 | Mercury | lb. | – | – | – | – | – | – | – |
| 28 | | $ | – | – | – | – | – | – | – |
| 29 | Molybdenum | lb. | – | – | – | – | 2,680,729 | – | – |
| 30 | | $ | – | – | – | – | 4,765,236 | – | – |
| 31 | Nickel | lb. | – | – | – | – | 1,771,349 | 407,493,447 | 115,845,[illegible] |
| 32 | | $ | – | – | – | – | 1,800,753 | 405,168,184 | 117,601,[illegible] |
| 33 | Platinum group | oz. | – | – | – | – | – | 484,849 | .. |
| 34 | | $ | – | – | – | – | – | 46,124,003 | .. |
| 35 | Selenium | lb. | – | – | – | – | 413,038 | 127,500 | 54,788 |
| 36 | | $ | – | – | – | – | 2,003,234 | 618,375 | 265,722 |
| 37 | Silver | oz. | 895,706 | – | 368,389 | 3,654,079 | 3,986,371 | 21,844,592 | 616,954 |
| 38 | | $ | 2,071,768 | – | 852,084 | 8,451,884 | 9,220,476 | 50,526,541 | 1,427,015 |
| 39 | Tellurium | lb. | – | – | – | – | 54,592 | 6,600 | 5,654 |
| 40 | | $ | – | – | – | – | 352,664 | 42,636 | 36,525 |
| 41 | Thorium | lb. | – | – | – | – | – | 139,191 | – |
| 42 | | $ | – | – | – | – | – | 261,836 | – |
| 43 | Tin | lb. | – | – | – | – | – | – | – |
| 44 | | $ | – | – | – | – | – | – | – |
| 45 | Titanium ore | lb. | – | – | – | – | – | – | – |
| 46 | | $ | – | – | – | – | – | – | – |
| 47 | Tungsten ($WO_3$) | lb. | – | – | – | – | – | – | – |
| 48 | | $ | – | – | – | – | – | – | – |
| 49 | Uranium ($U_3O_8$) | lb. | – | – | – | – | – | 5,361,460 | – |
| 50 | | $ | – | – | – | – | – | 39,163,777 | – |
| 51 | Yttrium | lb. | – | – | – | – | – | 113,330 | – |
| 52 | | $ | – | – | – | – | – | 936,067 | – |
| 53 | Zinc | lb. | 73,458,928 | – | 225,310 | 270,858,691 | 426,305,227 | 693,515,176 | 91,062,597 |
| 54 | | $ | 10,357,709 | – | 31,769 | 38,191,075 | 60,109,037 | 97,785,640 | 12,839,826 |
| 55 | Total | $ | 286,729,864 | – | 1,717,585 | 69,622,942 | 432,953,587 | 1,122,956,239 | 169,605,636 |
| | Non-metallics | | | | | | | | |
| 56 | Arsenious oxide | lb. | – | – | – | – | – | 689,004 | – |
| 57 | | $ | – | – | – | – | – | 48,527 | – |
| 58 | Asbestos | ton | 69,183 | – | – | – | 1,370,955 | 17,554 | – |
| 59 | | $ | 11,844,605 | – | – | – | 147,975,582 | 2,107,014 | – |
| 60 | Barite | ton | – | – | 116,091 | – | – | – | – |
| 61 | | $ | – | – | 1,098,481 | – | – | – | – |
| 62 | Diatomite | ton | – | – | – | – | – | – | – |
| 63 | | $ | – | – | – | – | – | – | – |
| 64 | Feldspar | ton | – | – | – | – | 10,620 | – | – |
| 65 | | $ | – | – | – | – | 243,678 | – | – |
| 66 | Fluorspar | ton | – | – | – | – | – | – | – |
| 67 | | $ | 2,602,230 | – | – | – | – | – | – |
| 68 | Gemstone | lb. | – | – | – | – | – | 6,000 | – |
| 69 | | $ | – | – | – | – | – | 9,000 | – |
| 70 | Grindstone | ton | – | – | – | – | – | – | – |
| 71 | | $ | – | – | – | – | – | – | – |

TABLEAU 1A. Production minérale du Canada, par province, 1968

| Saskatchewan | Alberta | British Columbia — Colombie-Britannique | Yukon | Northwest Territories — Territoires du Nord-Ouest | Canada | | | N° |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Métaux | |
| – | – | 1,159,960 | – | – | 1,159,960 | liv. | Antimoine | 1 |
| – | – | 614,779 | – | – | 614,779 | $ | | 2 |
| – | – | 207,783 | – | – | 648,232 | liv. | Bismuth | 3 |
| – | – | 868,533 | – | – | 2,457,594 | $ | | 4 |
| 95,846 | – | 1,318,659 | 51,830 | 271,600 | 5,014,965 | liv. | Cadmium | 5 |
| 273,161 | – | 3,758,178 | 147,716 | 774,060 | 14,292,650 | $ | | 6 |
| – | – | – | – | – | 468,512 | liv. | Calcium | 7 |
| – | – | – | – | – | 450,946 | $ | | 8 |
| – | – | – | – | – | 4,029,549 | liv. | Cobalt | 9 |
| – | – | – | – | – | 8,687,652 | $ | | 10 |
| – | – | – | – | – | 2,181,304 | liv. | Colombium ($Cb_2O_5$) | 11 |
| – | – | – | – | – | 2,036,315 | $ | | 12 |
| 44,161,869 | – | 161,122,933 | 10,597,000 | 1,732,160 | 1,266,625,187 | liv. | Cuivre | 13 |
| 21,241,859 | – | 77,459,262 | 5,097,157 | 833,169 | 607,944,415 | $ | | 14 |
| 44,970 | 146 | 124,422 | 24,167 | 352,306 | 2,743,021 | onces | Or | 15 |
| 1,695,819 | 5,505 | 4,691,954 | 911,338 | 13,285,459 | 103,439,321 | $ | | 16 |
| – | – | .. | – | – | .. | onces | Indium | 17 |
| – | – | .. | – | – | .. | $ | | 18 |
| – | – | 2,094,745 | – | – | 47,443,303 | tonne | Minerai de fer | 19 |
| – | – | 21,630,102 | – | – | 532,694,110 | $ | | 20 |
| – | – | – | – | – | .. | tonne | Fonte d'affinage | 21 |
| – | – | – | – | – | 22,022,849 | $ | | 22 |
| 5,325,320 | – | 231,172,755 | 7,221,940 | 250,275,180 | 680,350,911 | liv. | Plomb | 23 |
| 715,723 | – | 31,069,618 | 970,629 | 33,636,984 | 91,439,162 | $ | | 24 |
| – | – | – | – | – | 19,856,937 | liv. | Magnésium | 25 |
| – | – | – | – | – | 6,181,992 | $ | | 26 |
| – | – | .. | – | – | .. | liv. | Mercure | 27 |
| – | – | .. | – | – | .. | $ | | 28 |
| .. | – | 19,783,544 | – | – | 22,464,273 | liv. | Molybdène | 29 |
| .. | – | 32,552,722 | – | – | 37,317,958 | $ | | 30 |
| [illegible] | – | 3,317,160 | – | – | 528,716,212 | liv. | Nickel | 31 |
| [illegible] | – | 3,372,225 | – | – | 528,235,798 | $ | | 32 |
| 1,042 | – | – | – | – | 485,891 | onces | Platine (métaux du groupe) | 33 |
| 75,715 | – | – | – | – | 46,199,718 | $ | | 34 |
| 40,184 | – | – | – | – | 635,510 | liv. | Sélénium | 35 |
| 194,892 | – | – | – | – | 3,082,223 | $ | | 36 |
| 695,893 | 13 | 7,121,250 | 2,077,987 | 3,751,563 | 45,012,797 | onces | Argent | 37 |
| 1,609,601 | 30 | 16,471,451 | 4,806,384 | 8,677,365 | 104,114,599 | $ | | 38 |
| 4,145 | – | – | – | – | 70,991 | liv. | Tellure | 39 |
| 26,777 | – | – | – | – | 458,602 | $ | | 40 |
| – | – | – | – | – | 139,191 | liv. | Thorium | 41 |
| – | – | – | – | – | 261,836 | $ | | 42 |
| – | – | 358,191 | – | – | 358,191 | liv. | Étain | 43 |
| – | – | 497,885 | – | – | 497,885 | $ | | 44 |
| – | – | – | – | – | – | liv. | Minerai de titane | 45 |
| – | – | – | – | – | – | $ | | 46 |
| – | – | – | – | 3,584,920 | 3,584,920 | liv. | Tungstène ($WO_3$) | 47 |
| – | – | – | – | .. | .. | $ | | 48 |
| 2,040,736 | – | – | – | – | 7,402,196 | liv. | Uranium ($U_3O_8$) | 49 |
| 13,120,803 | – | – | – | – | 52,284,580 | $ | | 50 |
| – | – | – | – | – | 113,330 | liv. | Yttrium | 51 |
| – | – | – | – | – | 936,067 | $ | | 52 |
| 58,024,474 | – | 292,196,835 | 5,306,429 | 407,830,700 | 2,318,784,367 | liv. | Zinc | 53 |
| 8,181,451 | – | 41,199,754 | 748,206 | 57,504,129 | 326,948,596 | $ | | 54 |
| 47,429,200 | 5,535 | 234,186,463 | 12,681,430 | 114,711,166 | 2,492,599,647 | $ | Total | 55 |
| | | | | | | | Minéraux non métalliques | |
| – | – | – | – | – | 689,004 | liv. | Oxyde arsénieux | 56 |
| – | – | – | – | – | 48,527 | $ | | 57 |
| – | – | 74,667 | 63,592 | – | 1,595,951 | tonne | Amiante | 58 |
| – | – | 14,413,336 | 8,684,125 | – | 185,024,662 | $ | | 59 |
| – | – | 21,968 | – | – | 138,059 | tonne | Barytine | 60 |
| – | – | 164,206 | – | – | 1,262,687 | $ | | 61 |
| – | – | 521 | – | – | 521 | tonne | Diatomite | 62 |
| – | – | 17,159 | – | – | 17,159 | $ | | 63 |
| .. | – | – | – | – | 10,620 | tonne | Feldspath | 64 |
| .. | – | – | – | – | 243,678 | $ | | 65 |
| .. | – | .. | – | – | .. | tonne | Spath fluor | 66 |
| .. | – | 1,117 | – | – | 2,603,347 | $ | | 67 |
| .. | – | 49,015 | – | – | 55,015 | liv. | Pierres gemmes | 68 |
| .. | – | 105,670 | – | – | 114,670 | $ | | 69 |
| – | – | – | – | – | – | tonne | Pierre meulière | 70 |
| – | – | – | – | – | – | $ | | 71 |

TABLE 1A. Mineral Production of Canada, by Province, 1968 — Concluded

| No. | | | Newfoundland — Terre-Neuve | Prince Edward Island — Île-du-Prince-Édouard | Nova Scotia — Nouvelle-Écosse | New Brunswick — Nouveau-Brunswick | Québec | Ontario | Manitoba |
|---|---|---|---|---|---|---|---|---|---|
| | Non-metallics — Concluded | | | | | | | | |
| 1 | Gypsum | ton | 435,231 | – | 4,441,080 | 84,668 | – | 570,715 | 151,872 |
| 2 | | $ | 1,194,794 | – | 7,872,101 | 173,091 | – | 1,461,189 | 442,760 |
| 3 | Helium | Mcf. | – | – | – | – | – | – | – |
| 4 | | $ | – | – | – | – | – | – | – |
| 5 | Iron oxide | ton | – | – | – | – | – | – | – |
| 6 | | $ | – | – | – | – | – | – | – |
| 7 | Lithia | lb. | – | – | – | – | – | – | – |
| 8 | | $ | – | – | – | – | – | – | – |
| 9 | Magnesitic dolomite and brucite | ton | – | – | – | – | .. | – | – |
| 10 | | $ | – | – | – | – | 3,045,984 | – | – |
| 11 | Mica | lb. | – | – | – | – | – | – | – |
| 12 | | $ | – | – | – | – | – | – | – |
| 13 | Nepheline syenite | ton | – | – | – | – | – | 426,595 | – |
| 14 | | $ | – | – | – | – | – | 4,738,008 | – |
| 15 | Nitrogen | Mcf. | – | – | – | – | – | – | – |
| 16 | | $ | – | – | – | – | – | – | – |
| 17 | Peat moss | ton | – | – | 10,120 | 77,322 | 106,217 | 17,881 | 19,407 |
| 18 | | $ | – | – | 327,054 | 2,210,850 | 3,009,566 | 483,626 | 425,482 |
| 19 | Phosphate | ton | – | – | – | – | – | – | – |
| 20 | | $ | – | – | – | – | – | – | – |
| 21 | Potash ($K_2O$) | ton | – | – | – | – | – | – | – |
| 22 | | $ | – | – | – | – | – | – | – |
| 23 | Pyrite, pyrrhotite | ton | – | – | – | – | .. | – | – |
| 24 | | $ | – | – | – | – | 2,192,613 | – | – |
| 25 | Quartz | ton | – | – | 11,511 | – | 796,966 | 1,205,796 | 308,[illegible] |
| 26 | | $ | – | – | 117,096 | – | 3,755,214 | 564,430 | 803,[illegible] |
| 27 | Salt | ton | – | – | 473,584 | – | – | 4,143,759 | 27,[illegible] |
| 28 | | $ | – | – | 5,243,697 | – | – | 21,605,938 | 615,[illegible] |
| 29 | Soapstone, talc, pyrophyllite | ton | .. | – | – | – | .. | .. | – |
| 30 | | $ | 535,740 | – | – | – | 245,923 | 298,991 | – |
| 31 | Sodium sulphate | ton | – | – | – | – | – | – | – |
| 32 | | $ | – | – | – | – | – | – | – |
| 33 | Sulphur, in smelter gas | ton | – | – | – | 35,682 | 62,790 | 306,327 | – |
| 34 | | $ | – | – | – | 531,305 | 934,943 | 4,561,210 | – |
| 35 | Sulphur, elemental | ton | – | – | – | – | – | 3,026 | 5,577 |
| 36 | | $ | – | – | – | – | – | 114,988 | 129,477 |
| 37 | Titanium, dioxide, etc. | ton | – | – | – | – | .. | – | – |
| 38 | | $ | – | – | – | – | 28,016,183 | – | – |
| 39 | Total | $ | 16,177,369 | – | 14,658,429 | 2,915,246 | 189,419,686 | 35,992,921 | 2,416,997 |
| | Fuels | | | | | | | | |
| 40 | Coal(1) | ton | – | – | 3,131,745 | 797,359 | – | – | – |
| 41 | | $ | – | – | 25,111,400 | 7,330,396 | – | – | – |
| 42 | Natural gas | Mcf. | – | – | – | 112,967 | 137,573 | 12,065,829 | – |
| 43 | | $ | – | – | – | 96,878 | 20,636 | 4,598,927 | – |
| 44 | Natural gas by-products(2) | bbl. | – | – | – | – | – | – | – |
| 45 | | $ | – | – | – | – | – | – | – |
| 46 | Petroleum (crude oil and condensate) | bbl. | – | – | – | 7,648 | – | 1,151,481 | 6,204,920 |
| 47 | | $ | – | – | – | 10,707 | – | 3,166,826 | 15,569,882 |
| 48 | Total | $ | – | – | 25,111,400 | 7,437,981 | 20,636 | 7,765,753 | 15,569,882 |
| | Structural materials | | | | | | | | |
| 49 | Clay products | $ | 152,200 | – | 1,506,061 | 630,000 | 5,888,566 | 30,629,362 | 451,358 |
| 50 | Cement | ton | .. | – | .. | .. | 2,391,600 | 3,103,849 | 528,522 |
| 51 | | $ | 1,922,695 | – | 3,527,140 | 2,695,752 | 36,218,917 | 53,683,873 | 11,937,900 |
| 52 | Lime | ton | – | – | – | 2,607 | 320,256 | 1,013,712 | 42,454 |
| 53 | | $ | – | – | – | 76,006 | 3,540,073 | 11,771,960 | 670,207 |
| 54 | Sand and gravel | ton | 3,812,003 | 383,165 | 9,380,262 | 6,361,658 | 42,955,933 | 84,095,642 | 9,563,927 |
| 55 | | $ | 3,632,018 | 563,142 | 8,078,650 | 2,139,790 | 17,613,824 | 55,094,706 | 5,951,628 |
| 56 | Stone | ton | 876,768 | 439,775 | 819,788 | 2,137,748 | 34,952,128 | 28,636,257 | 2,305,900 |
| 57 | | $ | 1,097,848 | 413,600 | 2,340,640 | 2,934,769 | 39,422,561 | 37,733,856 | 3,021,9[illegible] |
| 58 | Total | $ | 6,804,761 | 976,742 | 15,452,491 | 8,476,317 | 102,683,941 | 188,913,757 | 22,033,[illegible] |
| 59 | Grand total | $ | 309,711,994 | 976,742 | 56,939,905 | 88,452,486 | 725,077,850 | 1,355,628,670 | 209,625,[illegible] |

(1) Includes subvention payments.
(2) Includes butane, propane and pentane plus.
See note at end of Table 2.

TABLEAU 1A. Production minérale du Canada, par province, 1968 – fin

| Saskatchewan | Alberta | British Columbia – Colombie-Britannique | Yukon | Northwest Territories – Territoires du-Nord-Ouest | Canada | | | No |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Minéraux non métalliques – fin | |
| – | – | 243,374 | – | – | 5,926,940 | tonne | Gypse | 1 |
| – | – | 681,447 | – | – | 11,825,382 | $ | | 2 |
| .. | – | – | – | – | .. | Mpc. | Hélium | 3 |
| .. | – | – | – | – | .. | $ | | 4 |
| – | – | – | – | – | – | tonne | Oxydes de fer | 5 |
| – | – | – | – | – | – | $ | | 6 |
| – | – | – | – | – | – | liv. | Lithine | 7 |
| – | – | – | – | – | – | $ | | 8 |
| – | – | – | – | – | .. | tonne | Dolomite et brucite magnésitiques | 9 |
| – | – | – | – | – | 3,045,984 | $ | | 10 |
| – | – | – | – | – | – | liv. | Mica | 11 |
| – | – | – | – | – | – | $ | | 12 |
| – | – | – | – | – | 426,595 | tonne | Syénite néphélinique | 13 |
| – | – | – | – | – | 4,738,008[r] | $ | | 14 |
| .. | – | – | – | – | .. | Mpc. | Azote | 15 |
| .. | – | – | – | – | .. | $ | | 16 |
| 585 | 7,993 | 54,103 | – | – | 293,628 | tonne | Tourbe | 17 |
| 17,666 | 201,506 | 1,982,444 | – | – | 8,658,194 | $ | | 18 |
| – | – | – | – | – | – | tonne | Phosphate | 19 |
| – | – | – | – | – | – | $ | | 20 |
| 2,917,611 | – | – | – | – | 2,917,611 | tonne | Potasse ($K_2O$) | 21 |
| 65,121,399 | – | – | – | – | 65,121,399 | $ | | 22 |
| – | – | .. | – | – | 314,197 | tonne | Pyrite pyrrhotine | 23 |
| – | – | 93,829 | – | – | 2,286,442 | $ | | 24 |
| 186,830 | – | 44,955 | – | – | 2,554,565 | tonne | Quartz | 25 |
| 168,745 | – | 294,973 | – | – | 5,703,746 | $ | | 26 |
| 99,480 | 120,381 | – | – | – | 4,864,324 | tonne | Sel | 27 |
| 1,928,108 | 1,776,359 | – | – | – | 31,170,092 | $ | | 28 |
| – | – | – | – | – | 80,589 | tonne | Stéatite, talc et pyrophyllite | 29 |
| – | – | – | – | – | 1,080,654 | $ | | 30 |
| 459,669 | – | – | – | – | 459,669 | tonne | Sulfate de sodium | 31 |
| 7,082,575 | – | – | – | – | 7,082,575 | $ | | 32 |
| – | – | 261,571 | – | – | 666,370 | tonne | Sulfure dans les gaz métallurgiques | 33 |
| – | – | 2,887,744 | – | – | 8,915,202 | $ | | 34 |
| 31,457 | 2,488,688 | 51,998 | – | – | 2,580,746 | tonne | Soufre élémentaire | 35 |
| 1,091,755 | 76,864,200 | 1,763,180 | – | – | 79,963,600 | $ | | 36 |
| – | – | – | – | – | .. | tonne | Titane (bioxyde, etc.) | 37 |
| – | – | – | – | – | 28,016,183 | $ | | 38 |
| 75,410,248 | 78,842,065 | 22,405,105 | 8,684,125 | – | 446,922,191 | $ | Total | 39 |
| | | | | | | | Combustibles | |
| 2,250,219 | 3,920,120 | 889,564 | – | – | 10,989,007 | tonne | Charbon(1) | 40 |
| 4,164,841 | 12,118,302 | 5,244,619 | – | – | 53,969,558 | $ | | 41 |
| 56,771,626 | 1,367,682,131 | 259,866,922 | – | 42,602 | 1,696,679,650 | Mpc. | Gaz naturel | 42 |
| 7,211,055 | 186,033,533 | 27,869,402 | – | 17,979 | 225,848,410 | $ | | 43 |
| 1,673,805[r] | 55,050,695 | 1,888,598 | – | – | 58,613,098 | baril | Sous-produits du gaz naturel(2) | 44 |
| 2,802,283 | 119,612,273 | 3,643,146 | – | – | 126,057,702 | $ | | 45 |
| 91,889,243 | 257,281,177 | 22,205,516 | – | 751,592 | 379,491,577 | baril | Pétrole (huile brute et condensé) | 46 |
| 206,942,845 | 660,485,368 | 50,205,245 | – | 906,871 | 937,287,744 | $ | | 47 |
| 221,121,024 | 978,249,476 | 86,962,412 | – | 924,850 | 1,343,163,414 | $ | Total | 48 |
| | | | | | | | Matériaux de construction | |
| 1,454,597 | 4,424,543 | 3,584,757 | – | – | 48,721,444 | $ | Produits d'argile | 49 |
| 220,470 | 832,588 | 656,363 | – | – | 8,165,805 | tonne | Ciment | 50 |
| 6,517,576 | 18,072,409 | 13,634,166 | – | – | 148,210,428 | $ | | 51 |
| – | 76,984 | – | – | – | 1,456,013 | tonne | Chaux | 52 |
| – | 1,414,679 | – | – | – | 17,472,925 | $ | | 53 |
| 9,167,702 | 13,600,098 | 25,914,119 | – | – | 205,234,509 | tonne | Sable et gravier | 54 |
| 5,149,600 | 10,739,614 | 20,537,581 | – | – | 129,500,553 | $ | | 55 |
| – | 220,523 | 5,550,880 | – | – | 75,939,767 | tonne | Pierre | 56 |
| – | 695,872 | 7,997,004 | – | – | 95,658,075 | $ | | 57 |
| 13,121,773 | 35,347,117 | 45,753,508 | – | – | 439,563,425 | $ | Total | 58 |
| 297,082,245 | 1,092,444,193 | 389,307,488 | 21,365,555 | 115,636,016 | 4,722,248,677 | $ | Total général | 59 |

(1) Les subventions comprises.
(2) Y compris butane, propane et pentane plus.
Voir note à la fin du Tableau 2.

TABLE 1B. Mineral Production of Canada, by Province, 19[illegible]

| No. | | Newfoundland — Terre-Neuve | Prince Edward Island — Île-du-Prince-Édouard | Nova Scotia — Nouvelle-Écosse | New Brunswick — Nouveau-Brunswick | Québec | Ontario | Manitoba |
|---|---|---|---|---|---|---|---|---|
| | **Metals** | | | | | | | |
| 1 | Antimony ..... lb. | – | – | – | – | – | – | – |
| 2 | $ | – | – | – | – | – | – | – |
| 3 | Bismuth ..... lb. | – | – | – | 56,951 | 457,351 | 2,269 | – |
| 4 | $ | – | – | – | 281,338 | 1,949,947 | 11,209 | – |
| 5 | Cadmium ..... lb. | – | – | – | 110,219 | 310,588 | 3,075,505 | 230,774 |
| 6 | $ | – | – | – | 387,971 | 1,093,269 | 10,825,778 | 812,324 |
| 7 | Calcium ..... lb. | – | – | – | – | – | 942,682 | – |
| 8 | $ | – | – | – | – | – | 953,522 | – |
| 9 | Cobalt ..... lb. | – | – | – | – | – | 2,553,583 | 702,040 |
| 10 | $ | – | – | – | – | – | 5,421,046 | 1,430,000 |
| 11 | Columbium ($Cb_2O_5$) ..... lb. | – | – | – | – | 3,414,495 | – | – |
| 12 | $ | – | – | – | – | 3,172,845 | – | – |
| 13 | Copper ..... lb. | 40,927,595 | – | 37,955 | 13,581,066 | 320,136,962 | 477,619,761 | 74,194,397 |
| 14 | $ | 21,049,062 | – | 19,520 | 6,984,742 | 164,646,440 | 244,300,501 | 38,158,178 |
| 15 | Gold ..... oz. | 8,982 | – | 13 | 1,396 | 761,370 | 1,229,666 | 28,011 |
| 16 | $ | 338,532 | – | 490 | 52,615 | 28,696,035 | 46,346,112 | 1,055,735 |
| 17 | Indium ..... oz. | – | – | – | – | – | – | – |
| 18 | $ | – | – | – | – | – | – | – |
| 19 | Iron ore ..... ton | 14,716,214 | – | – | – | 12,779,420 | 10,516,786 | – |
| 20 | $ | 194,971,157 | – | – | – | 111,198,774 | 128,166,423 | – |
| 21 | Iron, remelt ..... ton | – | – | – | – | .. | – | – |
| 22 | $ | – | – | – | – | 26,643,290 | – | – |
| 23 | Lead ..... lb. | 44,413,811 | – | 5,469,690 | 102,184,467 | 3,115,129 | 24,193,257 | 1,120,376 |
| 24 | $ | 6,737,575 | – | 829,752 | 15,501,384 | 472,565 | 3,670,117 | 169,961 |
| 25 | Magnesium ..... lb. | – | – | – | – | – | 21,274,841 | – |
| 26 | $ | – | – | – | – | – | 7,263,849 | .. |
| 27 | Mercury ..... lb. | – | – | – | – | – | – | – |
| 28 | $ | – | – | – | – | – | – | – |
| 29 | Molybdenum ..... lb. | – | – | – | – | 2,746,668 | – | – |
| 30 | $ | – | – | – | – | 5,065,010 | – | – |
| 31 | Nickel ..... lb. | – | – | – | – | 310,404 | 293,561,275 | 129,839,760 |
| 32 | $ | – | – | – | – | 353,861 | 329,076,314 | 147,621,937 |
| 33 | Platinum group ..... oz. | – | – | – | – | – | 308,465 | .. |
| 34 | $ | – | – | – | – | – | 30,729,815 | .. |
| 35 | Selenium ..... lb. | – | – | – | – | 403,370 | 84,000 | 71,650 |
| 36 | $ | – | – | – | – | 2,307,276 | 480,480 | 409,838 |
| 37 | Silver ..... oz. | 1,024,639 | – | 267,585 | 4,058,976 | 4,334,867 | 22,260,439 | 462,763 |
| 38 | $ | 1,977,553 | – | 516,439 | 7,833,824 | 8,366,293 | 42,962,647 | 893,133 |
| 39 | Tantalum ($Ta_2O_5$) ..... lb. | – | – | – | – | – | – | 130,298 |
| 40 | $ | – | – | – | – | – | – | 937,744 |
| 41 | Tellurium ..... lb. | – | – | – | – | 45,397 | 5,610 | 7,065 |
| 42 | $ | – | – | – | – | 293,264 | 36,241 | 45,640 |
| 43 | Thorium ..... lb. | – | – | – | – | – | 29,014 | – |
| 44 | $ | – | – | – | – | – | 55,087 | – |
| 45 | Tin ..... lb. | – | – | – | – | – | – | – |
| 46 | $ | – | – | – | – | – | – | – |
| 47 | Tungsten ($WO_3$) ..... lb. | – | – | – | – | – | – | – |
| 48 | $ | – | – | – | – | – | – | – |
| 49 | Uranium ($U_3O_8$) ..... lb. | – | – | – | – | – | .. | – |
| 50 | $ | – | – | – | – | – | 40,307,489 | – |
| 51 | Yttrium ..... lb. | – | – | – | – | – | 85,443 | – |
| 52 | $ | – | – | – | – | – | 671,500 | – |
| 53 | Zinc ..... lb. | 65,805,457 | – | 263,455 | 304,456,426 | 397,062,733 | 720,571,567 | 97,778,543 |
| 54 | $ | 10,022,171 | – | 40,124 | 46,521,013 | 60,472,654 | 109,743,049 | 14,891,672 |
| 55 | Total ..... $ | 235,096,050 | – | 1,406,325 | 77,562,887 | 414,731,523 | 1,001,021,179 | 206,425,862 |
| | **Non-metallics** | | | | | | | |
| 56 | Arsenious oxide ..... lb. | – | – | – | – | – | 339,875 | – |
| 57 | $ | – | – | – | – | – | 34,000 | – |
| 58 | Asbestos ..... ton | 58,513 | – | – | – | 1,348,672 | 36,068 | – |
| 59 | $ | 10,588,875 | – | – | – | 153,450,891 | 4,375,475 | – |
| 60 | Barite ..... ton | – | – | .. | – | – | – | – |
| 61 | $ | – | – | 1,130,934 | – | – | – | – |
| 62 | Diatomite ..... ton | – | – | – | – | – | – | – |
| 63 | $ | – | – | – | – | – | – | – |
| 64 | Feldspar ..... ton | – | – | – | – | 12,385 | – | – |
| 65 | $ | – | – | – | – | 301,375 | – | – |
| 66 | Fluorspar ..... ton | .. | – | – | – | – | – | – |
| 67 | $ | 3,036,931 | – | – | – | – | – | – |
| 68 | Gemstones ..... lb. | – | – | – | – | – | 2,000 | – |
| 69 | $ | – | – | – | – | – | 2,000 | – |
| 70 | Grindstone ..... ton | – | – | – | – | – | – | – |
| 71 | $ | – | – | – | – | – | – | – |

TABLEAU 1B. Production minérale du Canada, par province, 1969

| Saskatchewan | Alberta | British Columbia – Colombie-Britannique | Yukon | Northwest Territories – Territoires du Nord-Ouest | Canada | | | No |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Métaux | |
| – | – | 820,122 | – | – | 820,122 | liv. | Antimoine | 1 |
| – | – | 508,476 | – | – | 508,476 | $ | | 2 |
| – | – | 62,488 | – | – | 579,059 | liv. | Bismuth | 3 |
| – | – | 288,070 | – | – | 2,530,564 | $ | | 4 |
| 84,863 | – | 1,141,133 | 68,172 | 191,800 | 5,213,054 | liv. | Cadmium | 5 |
| 298,718 | – | 4,016,788 | 239,965 | 675,136 | 18,349,949 | $ | | 6 |
| – | – | – | – | – | 942,682 | liv. | Calcium | 7 |
| – | – | – | – | – | 953,522 | $ | | 8 |
| – | – | – | – | – | 3,255,623 | liv. | Cobalt | 9 |
| – | – | – | – | – | 6,851,046 | $ | | 10 |
| – | – | – | – | – | 3,414,495 | liv. | Colombium ($Cb_2O_5$) | 11 |
| – | – | – | – | – | 3,172,845 | $ | | 12 |
| 36,460,353 | – | 167,415,411 | 14,866,077 | 1,251,723 | 1,146,491,300 | liv. | Cuivre | 13 |
| 18,751,559 | – | 86,081,211 | 7,645,623 | 643,761 | 588,280,597 | $ | | 14 |
| 39,562 | 133 | 117,792 | 29,682 | 328,502 | 2,545,109 | onces | Or | 15 |
| 1,491,092 | 5,012 | 4,439,580 | 1,118,715 | 12,381,240 | 95,925,158 | $ | | 16 |
| – | – | .. | – | – | .. | onces | Indium | 17 |
| – | – | .. | – | – | .. | $ | | 18 |
| – | – | 2,041,854 | – | – | 40,054,274 | tonne | Minerai de fer | 19 |
| – | – | 19,739,264 | – | – | 454,075,618 | $ | | 20 |
| – | – | – | – | – | .. | tonne | Fonte d'affinage | 21 |
| – | – | – | – | – | 26,643,290 | $ | | 22 |
| 5,723,862 | – | 210,072,565 | 28,056,581 | 212,913,740 | 637,263,478 | liv. | Plomb | 23 |
| 868,310 | – | 31,868,008 | 4,256,183 | 32,299,014 | 96,672,869 | $ | | 24 |
| – | – | – | – | – | 21,274,841 | liv. | Magnésium | 25 |
| – | – | – | – | – | 7,263,849 | $ | | 26 |
| – | – | .. | – | – | .. | liv. | Mercure | 27 |
| – | – | .. | – | – | .. | $ | | 28 |
| – | – | 26,904,593 | – | – | 29,651,261 | liv. | Molybdène | 29 |
| – | – | 48,322,575 | – | – | 53,387,585 | $ | | 30 |
| [illegible] | – | 2,979,130 | – | – | 427,223,131 | liv. | Nickel | 31 |
| [illegible] | – | 3,396,208 | – | – | 481,055,140 | $ | | 32 |
| 1,939 | – | – | – | – | 310,404 | onces | Platine (métaux du groupe) | 33 |
| 151,201 | – | – | – | – | 30,881,016 | $ | | 34 |
| 40,395 | – | – | – | – | 599,415 | liv. | Sélénium | 35 |
| 231,059 | – | – | – | – | 3,428,653 | $ | | 36 |
| 649,699 | 12 | 5,760,534 | 2,685,060 | 2,026,367 | 43,530,941 | onces | Argent | 37 |
| 1,253,919 | 23 | 11,118,024 | 5,182,166 | 3,910,888 | 84,014,909 | $ | | 38 |
| – | – | – | – | – | 130,298 | liv. | Tantale ($Ta_2O_5$) | 39 |
| – | – | – | – | – | 937,744 | $ | | 40 |
| 3,976 | – | – | – | – | 62,048 | liv. | Tellure | 41 |
| 25,685 | – | – | – | – | 400,830 | $ | | 42 |
| – | – | – | – | – | 29,014 | liv. | Thorium | 43 |
| – | – | – | – | – | 55,087 | $ | | 44 |
| – | – | 288,427 | – | – | 288,427 | liv. | Étain | 45 |
| – | – | 470,136 | – | – | 470,136 | $ | | 46 |
| – | – | – | – | 4,063,488 | 4,063,488 | liv. | Tungstène ($WO_3$) | 47 |
| – | – | – | – | .. | .. | $ | | 48 |
| .. | – | – | – | – | 7,707,735 | liv. | Uranium ($U_3O_8$) | 49 |
| 12,843,168 | – | – | – | – | 53,150,657 | $ | | 50 |
| – | – | – | – | – | 85,443 | liv. | Yttrium | 51 |
| – | – | – | – | – | 671,500 | $ | | 52 |
| 50,285,056 | – | 296,667,033 | 33,062,280 | 448,296,000 | 2,415,248,550 | liv. | Zinc | 53 |
| 7,658,414 | – | 45,182,389 | 5,035,385 | 68,275,481 | 367,842,352 | $ | | 54 |
| 44,180,245 | 5,035 | 255,430,729 | 23,478,037 | 118,185,520 | 2,377,532,392[r] | $ | Total | 55 |
| | | | | | | | Minéraux non métalliques | |
| – | – | – | – | – | 339,875 | liv. | Oxyde arsénieux | 56 |
| – | – | – | – | – | 34,000 | $ | | 57 |
| – | – | 80,388 | 87,437 | – | 1,611,168 | tonne | Amiante | 58 |
| – | – | 14,871,334 | 11,924,526 | – | 195,211,101 | $ | | 59 |
| – | – | .. | – | – | 143,230 | tonne | Barytine | 60 |
| – | – | 248,818 | – | – | 1,379,752 | $ | | 61 |
| – | – | .. | – | – | .. | tonne | Diatomite | 62 |
| – | – | .. | – | – | .. | $ | | 63 |
| – | – | – | – | – | 12,385 | tonne | Feldspath | 64 |
| – | – | – | – | – | 301,375 | $ | | 65 |
| – | – | – | – | – | .. | tonne | Spath fluor | 66 |
| – | – | – | – | – | 3,036,931 | $ | | 67 |
| – | – | 26,332 | – | – | 28,332 | liv. | Pierres gemmes | 68 |
| – | – | 42,635 | – | – | 44,635 | $ | | 69 |
| – | – | – | – | – | – | tonne | Pierre meulière | 70 |
| – | – | – | – | – | – | $ | | 71 |

TABLE 18. Mineral Production of Canada, by Province, 1969 — Concluded

| No. | | | Newfoundland — Terre-Neuve | Prince Edward Island — Île-du-Prince-Édouard | Nova Scotia — Nouvelle-Écosse | New Brunswick — Nouveau-Brunswick | Québec | Ontario | Manitoba |
|---|---|---|---|---|---|---|---|---|---|
| | Non-metallics — Concluded | | | | | | | | |
| 1 | Gypsum | ton | 469,339 | – | 4,754,642 | 81,457 | – | 622,058 | 165,258 |
| 2 | | $ | 1,299,261 | – | 10,691,940 | 135,003 | – | 1,597,938 | 506,976 |
| 3 | Helium | Mcf. | – | – | – | – | – | – | – |
| 4 | | $ | – | – | – | – | – | – | – |
| 5 | Iron oxide | ton | – | – | – | – | – | – | – |
| 6 | | $ | – | – | – | – | – | – | – |
| 7 | Lithia | lb. | – | – | – | – | – | – | – |
| 8 | | $ | – | – | – | – | – | – | – |
| 9 | Magnesitic dolomite and brucite | ton | – | – | – | – | .. | – | – |
| 10 | | $ | – | – | – | – | 3,209,170 | – | – |
| 11 | Mica | lb. | – | – | – | – | – | – | – |
| 12 | | $ | – | – | – | – | – | – | – |
| 13 | Nepheline syenite | ton | – | – | – | – | – | 500,571 | – |
| 14 | | $ | – | – | – | – | – | 5,935,239 | – |
| 15 | Nitrogen | Mcf. | – | – | – | – | – | – | – |
| 16 | | $ | – | – | – | – | – | – | – |
| 17 | Peat moss | ton | – | – | 11,884 | 88,258 | 125,030 | 22,786 | 15,800 |
| 18 | | $ | – | – | 334,273 | 2,572,765 | 3,434,749 | 487,087 | 474,792 |
| 19 | Phosphate | ton | – | – | – | – | – | – | – |
| 20 | | $ | – | – | – | – | – | – | – |
| 21 | Potash ($K_2O$) | ton | – | – | – | – | – | – | – |
| 22 | | $ | – | – | – | – | – | – | – |
| 23 | Pyrite, pyrrhotite | ton | – | – | – | – | .. | – | – |
| 24 | | $ | – | – | – | – | 2,050,703 | – | – |
| 25 | Quartz | ton | 104,887 | – | 7,383 | – | 663,960 | 865,384 | 460,698 |
| 26 | | $ | 263,261 | – | 48,877 | – | 4,001,727 | 427,163 | 1,213,794 |
| 27 | Salt | ton | – | – | 500,965 | – | – | 3,760,042 | 42,807 |
| 28 | | $ | – | – | 6,022,912 | – | – | 19,104,176 | 730,[illegible] |
| 29 | Soapstone, talc, pyrophyllite | ton | .. | – | – | – | .. | .. | – |
| 30 | | $ | 553,935 | – | – | – | 228,286 | 315,347 | – |
| 31 | Sodium sulphate | ton | – | – | – | – | – | – | – |
| 32 | | $ | – | – | – | – | – | – | – |
| 33 | Sulphur, in smelter gas | ton | – | – | – | 67,146 | 70,626 | 251,742 | – |
| 34 | | $ | – | – | – | 896,063 | 942,504 | 3,359,497 | – |
| 35 | Sulphur, elemental | ton | – | – | – | – | – | 1,349 | 9,374 |
| 36 | | $ | – | – | – | – | – | 33,590 | 210,365 |
| 37 | Titanium, dioxide, etc. | ton | – | – | – | – | .. | – | – |
| 38 | | $ | – | – | – | – | 30,363,558 | – | – |
| 39 | Total | $ | 15,742,263 | – | 18,228,936 | 3,603,831 | 197,982,963 | 35,671,512 | 3,136,113 |
| | Fuels | | | | | | | | |
| 40 | Coal(1) | ton | – | – | 2,621,330 | 701,952 | – | – | – |
| 41 | | $ | – | – | 21,780,974 | 5,649,611 | – | – | – |
| 42 | Natural gas | Mcf. | – | – | – | 106,520 | 137,897 | 11,332,097 | – |
| 43 | | $ | – | – | – | 95,016 | 20,684 | 4,275,152 | – |
| 44 | Natural gas by-products(2) | bbl. | – | – | – | – | – | – | – |
| 45 | | $ | – | – | – | – | – | – | – |
| 46 | Petroleum (crude oil and condensate) | bbl. | – | – | – | 9,176 | – | 1,161,611 | 6,204,651 |
| 47 | | $ | – | – | – | 12,846 | – | 3,117,031 | 15,614,716 |
| 48 | Total | $ | – | – | 21,780,974 | 5,757,473 | 20,684 | 7,392,183 | 15,614,716 |
| | Structural materials | | | | | | | | |
| 49 | Clay products | $ | 120,280 | – | 1,555,102[r] | 584,856 | 6,412,210[r] | 30,464,793[r] | 279,846[r] |
| 50 | Cement | ton | .. | – | .. | .. | 2,161,485 | 3,112,697 | 538,057 |
| 51 | | $ | 1,896,229 | – | 4,270,098 | 3,539,001 | 37,131,750 | 56,650,012 | 12,919,303 |
| 52 | Lime | ton | – | – | – | – | 367,688 | 1,129,274 | 51,823 |
| 53 | | $ | – | – | – | – | 4,342,889 | 12,433,603 | 834,817 |
| 54 | Sand and gravel | ton | 3,957,022 | 902,218 | 9,167,109 | 3,993,628 | 41,500,000 | 82,657,386 | 8,142,268 |
| 55 | | $ | 3,742,412 | 451,500 | 8,913,502 | 1,391,158 | 17,222,000 | 46,245,525 | 5,053,794 |
| 56 | Stone | ton | 189,929 | – | 1,015,901 | 1,208,512 | 32,008,732 | 27,034,506 | 699,123 |
| 57 | | $ | 338,703 | – | 2,406,638 | 2,153,359 | 39,312,048 | 32,293,526 | 2,010,398 |
| 58 | Total | $ | 6,097,624 | 451,500 | 17,145,340[r] | 7,668,374 | 104,420,897[r] | 178,087,459[r] | 21,098,158[r] |
| 59 | Grand total | $ | 256,935,937 | 451,500 | 58,561,575[r] | 94,592,565 | 717,156,067[r] | 1,222,172,333[r] | 246,274,849[r] |

(1) Excludes subvention payments.
(2) Includes butane, propane and pentane plus.
See note at end of Table 2.

TABLEAU 1B. Production minérale du Canada, par province, 1969 — fin

| Saskatchewan | Alberta | British Columbia — Colombie-Britannique | Yukon | Northwest Territories — Territoires du Nord-Ouest | Canada | | | N° |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Minéraux non métalliques — fin | |
| — | — | 280,894 | — | — | 6,373,648 | tonne | Gypse | 1 |
| — | — | 764,032 | — | — | 14,995,150 | $ | | 2 |
| .. | — | — | — | — | .. | Mpc. | Hélium | 3 |
| .. | — | — | — | — | .. | $ | | 4 |
| — | — | — | — | — | — | tonne | Oxydes de fer | 5 |
| — | — | — | — | — | — | $ | | 6 |
| — | — | — | — | — | — | liv. | Lithine | 7 |
| — | — | — | — | — | — | $ | | 8 |
| — | — | — | — | — | .. | tonne | Dolomie et brucite magnésitiques | 9 |
| — | — | — | — | — | 3,209,170 | $ | | 10 |
| — | — | — | — | — | — | liv. | Mica | 11 |
| — | — | — | — | — | — | $ | | 12 |
| — | — | — | — | — | 500,571 | tonne | Syénite néphélinique | 13 |
| — | — | — | — | — | 5,935,239 | $ | | 14 |
| .. | — | — | — | — | .. | Mpc. | Azote | 15 |
| .. | — | — | — | — | .. | $ | | 16 |
| 3,460 | 9,261 | 53,695 | — | — | 330,174 | tonne | Tourbe | 17 |
| 86,986 | 282,096 | 1,889,375 | — | — | 9,562,123 | $ | | 18 |
| — | — | — | — | — | — | tonne | Phosphate | 19 |
| — | — | — | — | — | — | $ | | 20 |
| 3,492,001 | — | — | — | — | 3,492,001 | tonne | Potasse ($K_2O$) | 21 |
| 69,382,516 | — | — | — | — | 69,382,516 | $ | | 22 |
| — | — | .. | — | — | 376,159 | tonne | Pyrite pyrrhotine | 23 |
| — | — | 168,569 | — | — | 2,219,362 | $ | | 24 |
| 167,936 | — | 30,126 | — | — | 2,300,374 | tonne | Quartz | 25 |
| 175,000 | — | 150,000 | — | — | 6,279,792 | $ | | 26 |
| 467,290 | 246,861 | — | — | — | 4,657,765 | tonne | Sel | 27 |
| 1,337,883 | 2,410,922 | — | — | — | 30,406,109 | $ | | 28 |
| — | — | — | — | — | 75,850 | tonne | Stéatite, talc et pyrophillite | 29 |
| — | — | — | — | — | 1,097,568 | $ | | 30 |
| .. | .. | — | — | — | 518,299 | tonne | Sulfate de sodium | 31 |
| 1,776,367 | 281,260 | — | — | — | 8,051,627 | $ | | 32 |
| — | — | 286,675 | — | — | 676,189 | tonne | Sulfure dans les gaz métallurgiques | 33 |
| — | — | 2,754,947 | — | — | 7,953,011 | $ | | 34 |
| 31,627 | 2,884,853 | 46,303 | — | — | 2,973,506 | tonne | Soufre élémentaire | 35 |
| 478,268 | 59,094,914 | 908,589 | — | — | 60,725,726 | $ | | 36 |
| — | — | — | — | — | .. | tonne | Titane (bioxyde, etc.) | 37 |
| — | — | — | — | — | 30,363,558 | $ | | 38 |
| 80,031,020 | 62,069,192 | 21,798,389 | 11,924,526 | — | 450,188,745 | $ | Total | 39 |
| | | | | | | | Combustibles | |
| 2,020,105 | 4,426,060 | 902,432 | — | — | 10,671,879 | tonne | Charbon(1) | 40 |
| 3,726,698 | 13,269,692 | 6,151,308 | — | — | 50,578,283 | $ | | 41 |
| 58,655,877 | 1,605,658,477 | 301,997,823 | — | 43,723 | 1,977,932,414 | Mpc. | Gaz naturel | 42 |
| 7,243,913 | 218,106,264 | 32,572,549 | — | 18,452 | 262,332,030 | $ | | 43 |
| 1,579,300 | 63,447,650 | 1,697,819 | — | — | 66,724,769 | baril | Sous-produits du gaz naturel(2) | 44 |
| 2,615,828 | 132,223,946 | 3,079,251 | — | — | 137,919,025 | $ | | 45 |
| 87,413,988 | 290,011,702 | 25,387,183 | — | 801,341 | 410,989,652 | baril | Pétrole (huile brute et condensé) | 46 |
| 196,067,467 | 740,435,043 | 58,356,733 | — | 966,898 | 1,014,570,734 | $ | | 47 |
| 209,653,906 | 1,104,034,945 | 100,159,841 | — | 985,350 | 1,465,400,072 | $ | Total | 48 |
| | | | | | | | Matériaux de construction | |
| 1,713,364r | 4,640,275 | 3,725,172r | — | — | 49,495,898r | $ | Produits d'argile | 49 |
| 211,342 | 938,844 | 795,591 | — | — | 8,250,032 | tonne | Ciment | 50 |
| 5,677,233 | 21,302,251 | 18,704,967 | — | — | 162,091,044 | $ | | 51 |
| — | 86,077 | — | — | — | 1,634,862 | tonne | Chaux | 52 |
| — | 1,627,987 | — | — | — | 19,239,296 | $ | | 53 |
| 7,673,225 | 14,903,937 | 28,684,705 | — | — | 201,581,498 | tonne | Sable et gravier | 54 |
| 3,369,132 | 10,530,148 | 25,239,975 | — | — | 122,159,146 | $ | | 55 |
| — | 314,701 | 5,005,608 | — | — | 67,477,012 | tonne | Pierre | 56 |
| — | 1,097,982 | 8,573,608 | — | — | 88,186,262 | $ | | 57 |
| 10,759,729r | 39,198,843 | 56,243,722r | — | — | 441,171,646r | $ | Total | 58 |
| 344,624,900r | 1,205,308,015 | 433,632,681r | 35,402,563 | 119,170,870 | 4,734,283,855r | $ | Total général | 59 |

(1) Les subventions exclues.
(2) Y compris butane, propane et pentane plus.
Voir nota à la fin du Tableau 2.

TABLE 1C. Mineral Production of Canada, by Province, 1970

| No. | | | Newfoundland — Terre-Neuve | Prince Edward Island — Île-du-Prince-Édouard | Nova Scotia — Nouvelle-Écosse | New Brunswick — Nouveau-Brunswick | Québec | Ontario | Manitoba |
|---|---|---|---|---|---|---|---|---|---|
| | Metals | | | | | | | | |
| 1 | Antimony | lb. | – | – | – | – | – | – | – |
| 2 | | $ | – | – | – | – | – | – | – |
| 3 | Bismuth | lb. | – | – | – | 39,717 | 404,297 | 13,701 | – |
| 4 | | $ | – | – | – | 249,025 | 2,204,066 | 85,905 | – |
| 5 | Cadmium | lb. | – | – | – | 158,901 | 295,413 | 2,351,277 | 188,682 |
| 6 | | $ | – | – | – | 565,688 | 1,051,670 | 8,370,546 | 671,708 |
| 7 | Calcium | lb. | – | – | – | – | – | 443,557 | – |
| 8 | | $ | – | – | – | – | – | 374,476 | – |
| 9 | Cobalt | lb. | – | – | – | – | 50,966 | 3,692,529 | 817,718 |
| 10 | | $ | – | – | – | – | 110,087 | 8,211,391 | 1,885,888 |
| 11 | Columbium ($Cb_2O_5$) | lb. | – | – | – | – | 4,694,239 | – | – |
| 12 | | $ | – | – | – | – | 4,819,951 | – | – |
| 13 | Copper | lb. | 30,385,743 | – | 54,271 | 16,043,948 | 345,283,336 | 590,184,892 | 95,811,118 |
| 14 | | $ | 17,639,532 | – | 31,505 | 9,313,833 | 200,443,882 | 340,839,782 | 55,620,270 |
| 15 | Gold | oz. | 6,811 | – | – | 5,120 | 703,015 | 1,162,042 | 34,642 |
| 16 | | $ | 249,010 | – | – | 187,187 | 25,702,229 | 42,484,255 | 1,266,512 |
| 17 | Indium | oz. | – | – | – | – | – | – | – |
| 18 | | $ | – | – | – | – | – | – | – |
| 19 | Iron ore | ton | 23,559,386 | – | – | – | 15,047,749 | 11,828,337 | – |
| 20 | | $ | 292,582,028 | – | – | – | 133,891,759 | 144,765,483 | – |
| 21 | Iron, remelt | ton | – | – | – | – | .. | – | – |
| 22 | | $ | – | – | – | – | 31,591,232 | – | – |
| 23 | Lead | lb. | 35,459,862 | – | 2,597,766 | 125,349,742 | 4,317,274 | 23,920,137 | 1,010,196 |
| 24 | | $ | 5,609,750 | – | 410,967 | 19,830,329 | 682,993 | 3,784,166 | 159,813 |
| 25 | Magnesium | lb. | – | – | – | – | – | 20,707,110 | – |
| 26 | | $ | – | – | – | – | – | 7,140,807 | – |
| 27 | Mercury | lb. | – | – | – | – | – | – | – |
| 28 | | $ | – | – | – | – | – | – | – |
| 29 | Molybdenum | lb. | – | – | – | – | 2,495,219 | – | – |
| 30 | | $ | – | – | – | – | 4,578,778 | – | – |
| 31 | Nickel | lb. | – | – | – | – | 1,602,803 | 448,509,011 | 156,243,343 |
| 32 | | $ | – | – | – | – | 2,211,868 | 608,428,298 | 214,823,337 |
| 33 | Platinum group | oz. | – | – | – | – | – | 482,428 | .. |
| 34 | | $ | – | – | – | – | – | 43,556,597 | .. |
| 35 | Selenium | lb. | – | – | – | – | 413,084 | 131,506 | 75,840 |
| 36 | | $ | – | – | – | – | 3,552,522 | 1,130,952 | 652,224 |
| 37 | Silver | oz. | 793,402 | – | 71,668 | 4,577,956 | 4,261,959 | 19,876,430 | 660,755 |
| 38 | | $ | 1,467,794 | – | 132,586 | 8,469,219 | 7,884,624 | 36,771,396 | 1,222,397 |
| 39 | Tantalum ($Ta_2O_5$) | lb. | – | – | – | – | – | – | 317,024 |
| 40 | | $ | – | – | – | – | – | – | 2,251,182 |
| 41 | Tellurium | lb. | – | – | – | – | 43,197 | 7,325 | 4,992 |
| 42 | | $ | – | – | – | – | 270,845 | 45,928 | 31,300 |
| 43 | Thorium | lb. | – | – | – | – | – | – | – |
| 44 | | $ | – | – | – | – | – | – | – |
| 45 | Tin | lb. | – | – | – | – | – | – | – |
| 46 | | $ | – | – | – | – | – | – | – |
| 47 | Tungsten ($WO_3$) | lb. | – | – | – | – | – | – | – |
| 48 | | $ | – | – | – | – | – | – | – |
| 49 | Uranium ($U_3O_8$) | lb. | – | – | – | – | – | 6,676,841 | – |
| 50 | | $ | – | – | – | – | – | .. | – |
| 51 | Yttrium | lb. | – | – | – | – | – | .. | – |
| 52 | | $ | – | – | – | – | – | .. | – |
| 53 | Zinc | lb. | 59,826,390 | – | – | 322,187,699 | 410,060,415 | 680,484,067 | 78,926,368 |
| 54 | | $ | 9,530,344 | – | – | 51,324,500 | 65,322,624 | 108,401,112 | 12,572,970 |
| 55 | Total | $ | 327,078,458 | – | 575,058 | 89,939,781 | 484,319,130 | 1,354,391,094 | 291,157,601 |
| | Non-metallics | | | | | | | | |
| 56 | Arsenious oxide | lb. | – | – | – | – | – | 141,250 | – |
| 57 | | $ | – | – | – | – | – | 15,500 | – |
| 58 | Asbestos | ton | 62,727 | – | – | – | 1,367,524 | 39,025 | – |
| 59 | | $ | 11,669,402 | – | – | – | 161,583,510 | 4,932,142 | – |
| 60 | Barite | ton | – | – | .. | – | – | – | – |
| 61 | | $ | – | – | 1,005,617 | – | – | – | – |
| 62 | Diatomite | ton | – | – | – | – | – | – | – |
| 63 | | $ | – | – | – | – | – | – | – |
| 64 | Feldspar | ton | – | – | – | – | 10,656 | – | – |
| 65 | | $ | – | – | – | – | 290,541 | – | – |
| 66 | Fluorspar | ton | .. | – | – | – | – | – | – |
| 67 | | $ | 4,595,522 | – | – | – | – | – | – |
| 68 | Gemstones | lb. | – | – | – | – | – | – | – |
| 69 | | $ | – | – | – | – | – | – | – |
| 70 | Grindstone | ton | – | – | – | – | – | – | – |
| 71 | | $ | – | – | – | – | – | – | – |

TABLEAU 1C. Production minérale du Canada, par province, 1970

| Saskatchewan | Alberta | British Columbia – Colombie-Britannique | Yukon | Northwest Territories – Territoires du Nord-Ouest | Canada | | | N° |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Métaux | |
| – | – | 726,474 | – | – | 726,474 | liv. | Antimoine | 1 |
| – | – | 1,104,040 | – | – | 1,104,040 | $ | | 2 |
| – | – | 132,135 | – | 490 | 590,340 | liv. | Bismuth | 3 |
| – | – | 828,486 | – | 3,072 | 3,370,554 | $ | | 4 |
| 93,707 | – | 939,310 | 73,463 | 207,200 | 4,307,953 | liv. | Cadmium | 5 |
| 333,597 | – | 3,343,944 | 261,528 | 737,632 | 15,336,313 | $ | | 6 |
| – | – | – | – | – | 443,557 | liv. | Calcium | 7 |
| – | – | – | – | – | 374,476 | $ | | 8 |
| – | – | – | – | – | 4,561,213 | liv. | Cobalt | 9 |
| – | – | – | – | – | 10,207,366 | $ | | 10 |
| – | – | – | – | – | 4,694,239 | liv. | Colombium ($Cb_2O_5$) | 11 |
| – | – | – | – | – | 4,819,951 | $ | | 12 |
| 38,946,427 | – | 211,644,028 | 15,760,000 | 1,320,502 | 1,345,434,265 | liv. | Cuivre | 13 |
| 22,609,180 | – | 122,828,846 | 9,148,995 | 766,578 | 779,242,403 | $ | | 14 |
| 44,889 | 152 | 101,197 | 17,862 | 332,844 | 2,408,574 | onces | Or | 15 |
| 1,641,142 | 5,557 | 3,699,762 | 653,034 | 12,168,776 | 88,057,464 | $ | | 16 |
| – | – | .. | – | – | .. | onces | Indium | 17 |
| – | – | .. | – | – | .. | $ | | 18 |
| – | – | 1,878,548 | – | – | 52,314,020 | tonne | Minerai de fer | 19 |
| – | – | 17,391,883 | – | – | 588,631,153 | $ | | 20 |
| – | – | – | – | – | .. | tonne | Fonte d'affinage | 21 |
| – | – | – | – | – | 31,591,232 | $ | | 22 |
| – | – | 214,838,525 | 131,670,010 | 239,206,099 | 778,369,611 | liv. | Plomb | 23 |
| – | – | 33,987,455 | 20,830,196 | 37,842,405 | 123,138,074 | $ | | 24 |
| – | – | – | – | – | 20,707,110 | liv. | Magnésium | 25 |
| – | – | – | – | – | 7,140,807 | $ | | 26 |
| – | – | .. | – | – | .. | liv. | Mercure | 27 |
| – | – | .. | – | – | .. | $ | | 28 |
| – | – | 31,276,497 | – | – | 33,771,716 | liv. | Molybdène | 29 |
| – | – | 52,561,796 | – | – | 57,140,574 | $ | | 30 |
| – | – | 3,408,203 | – | – | 611,762,362 | liv. | Nickel | 31 |
| – | – | 4,703,320 | – | – | 830,166,823 | $ | | 32 |
| – | – | – | – | – | 482,428 | onces | Platine (métaux du groupe) | 33 |
| – | – | – | – | – | 43,556,597 | $ | | 34 |
| 42,906 | – | – | – | – | 663,336 | liv. | Sélénium | 35 |
| 368,992 | – | – | – | – | 5,704,690 | $ | | 36 |
| 491,953 | 14 | 6,511,316 | 4,240,709 | 2,764,642 | 44,250,804 | onces | Argent | 37 |
| 910,113 | 26 | 12,045,934 | 7,845,312 | 5,114,587 | 81,863,988 | $ | | 38 |
| – | – | – | – | – | 317,024 | liv. | Tantale ($Ta_2O_5$) | 39 |
| – | – | – | – | – | 2,251,182 | $ | | 40 |
| 2,819 | – | – | – | – | 58,333 | liv. | Tellure | 41 |
| 17,675 | – | – | – | – | 365,748 | $ | | 42 |
| – | – | – | – | – | – | liv. | Thorium | 43 |
| – | – | – | – | – | – | $ | | 44 |
| – | – | 263,716 | – | – | 263,716 | liv. | Étain | 45 |
| – | – | 421,946 | – | – | 421,946 | $ | | 46 |
| – | – | – | – | 3,726,800 | 3,726,800 | liv. | Tungstène ($WO_3$) | 47 |
| – | – | – | – | .. | .. | $ | | 48 |
| 1,531,893 | – | – | – | – | 8,208,734 | liv. | Uranium ($U_3O_8$) | 49 |
| .. | – | – | – | – | .. | $ | | 50 |
| – | – | – | – | – | .. | liv. | Yttrium | 51 |
| – | – | – | – | – | .. | $ | | 52 |
| 43,664,905 | – | 275,590,749 | 155,964,948 | 477,115,900 | 2,503,821,441 | liv. | Zinc | 53 |
| 6,955,819 | – | 43,901,606 | 24,845,216 | 76,004,563 | 398,858,754 | $ | | 54 |
| 32,836,518 | 5,583 | 296,819,018 | 63,584,281 | 132,637,613 | 3,073,344,135 | $ | Total | 55 |
| | | | | | | | Minéraux non métalliques | |
| – | – | – | – | – | 141,250 | liv. | Oxyde arsénieux | 56 |
| – | – | – | – | – | 15,500 | $ | | 57 |
| – | – | 86,730 | 105,638 | – | 1,661,644 | tonne | Amiante | 58 |
| – | – | 16,033,827 | 13,927,652 | – | 208,146,533 | $ | | 59 |
| – | – | .. | – | – | 147,251 | tonne | Barytine | 60 |
| – | – | 382,508 | – | – | 1,388,125 | $ | | 61 |
| – | – | .. | – | – | .. | tonne | Diatomite | 62 |
| – | – | .. | – | – | .. | $ | | 63 |
| – | – | – | – | – | 10,656 | tonne | Feldspath | 64 |
| – | – | – | – | – | 290,541 | $ | | 65 |
| – | – | – | – | – | .. | tonne | Spath fluor | 66 |
| – | – | – | – | – | 4,595,522 | $ | | 67 |
| – | – | 128,572 | – | – | 128,572 | liv. | Pierres gemmes | 68 |
| – | – | 145,441 | – | – | 145,441 | $ | | 69 |
| – | – | – | – | – | – | tonne | Pierre meulière | 70 |
| – | – | – | – | – | – | $ | | 71 |

TABLE 1C. Mineral Production of Canada, by Province, 1970 — Concluded

| No. | | | Newfoundland — Terre-Neuve | Prince-Edward Island — Île-du-Prince-Édouard | Nova Scotia — Nouvelle-Écosse | New Brunswick — Nouveau-Brunswick | Québec | Ontario | Manitoba |
|---|---|---|---|---|---|---|---|---|---|
| | Non-metallics — Concluded | | | | | | | | |
| 1 | Gypsum | ton | 491,354 | – | 4,775,233 | 72,753 | – | 537,271 | 171,646 |
| 2 | | $ | 1,467,449 | – | 10,262,563 | 157,032 | – | 1,195,424 | 379,121 |
| 3 | Helium | Mcf. | – | – | – | – | – | – | – |
| 4 | | $ | – | – | – | – | – | – | – |
| 5 | Iron oxide | ton | – | – | – | – | – | – | – |
| 6 | | $ | – | – | – | – | – | – | – |
| 7 | Lithia | lb. | – | – | – | – | – | – | – |
| 8 | | $ | – | – | – | – | – | – | – |
| 9 | Magnesitic dolomite and brucite | ton | – | – | – | – | .. | – | – |
| 10 | | $ | – | – | – | – | 3,332,000 | – | – |
| 11 | Mica | lb. | – | – | – | – | – | – | – |
| 12 | | $ | – | – | – | – | – | – | – |
| 13 | Nepheline syenite | ton | – | – | – | – | – | 486,667 | – |
| 14 | | $ | – | – | – | – | – | 5,801,228 | – |
| 15 | Nitrogen | Mcf. | – | – | – | – | – | – | – |
| 16 | | $ | – | – | – | – | – | – | – |
| 17 | Peat moss | ton | – | – | 10,427 | 71,772 | 127,948 | 22,229 | 14,885 |
| 18 | | $ | – | – | 311,942 | 2,397,600 | 3,701,767 | 773,570 | 440,588 |
| 19 | Phosphate | ton | – | – | – | – | – | – | – |
| 20 | | $ | – | – | – | – | – | – | – |
| 21 | Potash($K_2O$) | ton | – | – | – | – | – | – | – |
| 22 | | $ | – | – | – | – | – | – | – |
| 23 | Pyrite, pyrrhotite | ton | – | – | – | – | .. | – | – |
| 24 | | $ | – | – | – | – | 1,539,530 | – | – |
| 25 | Quartz | ton | .. | – | .. | – | 694,782 | 1,748,092 | 507,705 |
| 26 | | $ | 170,000 | – | 101,953 | – | 3,885,644 | 1,211,700 | 1,131,4[illegible] |
| 27 | Salt | ton | – | – | 684,495 | – | – | 4,158,157 | 29,3[illegible] |
| 28 | | $ | – | – | 7,671,636 | – | – | 22,700,000 | 220,7[illegible] |
| 29 | Soapstone, talc, pyrophyllite | ton | .. | – | – | – | .. | .. | – |
| 30 | | $ | 553,305 | – | – | – | 253,700 | 334,889 | – |
| 31 | Sodium sulphate | ton | – | – | – | – | – | – | – |
| 32 | | $ | – | – | – | – | – | – | – |
| 33 | Sulphur, in smelter gas | ton | – | – | – | 24,679 | 73,908 | 329,569 | – |
| 34 | | $ | – | – | – | 230,749 | 691,040 | 3,081,470 | – |
| 35 | Sulphur, elemental | ton | – | – | – | – | – | 1,777 | 7,523 |
| 36 | | $ | – | – | – | – | – | 15,815 | 72,199 |
| 37 | Titanium, dioxide, etc. | ton | – | – | – | – | .. | – | – |
| 38 | | $ | – | – | – | – | 34,622,589 | – | – |
| 39 | Total | $ | 18,455,678 | – | 19,353,711 | 2,785,381 | 209,900,321 | 40,061,738 | 2,244,084 |
| | Fuels | | | | | | | | |
| 40 | Coal(1) | ton | – | – | 2,122,358 | 395,642 | – | – | – |
| 41 | | $ | – | – | 21,837,917 | 2,964,478 | – | – | – |
| 42 | Natural gas | Mcf. | – | – | – | 131,160 | 165,825 | 17,063,893 | – |
| 43 | | $ | – | – | – | 108,011 | 24,874 | 6,487,852 | – |
| 44 | Natural gas by-products(2) | bbl. | – | – | – | – | – | – | – |
| 45 | | $ | – | – | – | – | – | – | – |
| 46 | Petroleum(crude oil and condensate) | bbl. | – | – | – | 9,675 | – | 1,048,168 | 5,908,389 |
| 47 | | $ | – | – | – | 13,544 | – | 2,839,904 | 14,858,129 |
| 48 | Total | $ | – | – | 21,837,917 | 3,086,033 | 24,874 | 9,327,756 | 14,858,129 |
| | Structural materials | | | | | | | | |
| 49 | Clay products | $ | 37,304 | – | 2,815,602 | 940,354 | 8,159,946 | 28,649,157 | 345,876 |
| 50 | Cement | ton | .. | – | .. | .. | 2,237,198 | 3,142,511 | 407,396 |
| 51 | | $ | 2,875,978 | – | 4,699,928 | 3,296,573 | 39,357,607 | 58,481,550 | 10,167,350 |
| 52 | Lime | ton | 5,680 | – | – | – | 367,040 | 1,164,591 | 47,484 |
| 53 | | $ | 56,800 | – | – | – | 5,440,411 | 13,261,187 | 836,805 |
| 54 | Sand and gravel | ton | 4,335,000 | 827,000 | 7,187,000 | 6,883,000 | 36,795,000 | 82,877,000 | 14,930,000 |
| 55 | | $ | 4,474,000 | 640,000 | 6,623,000 | 1,969,000 | 17,503,000 | 54,419,000 | 9,406,000 |
| 56 | Stone | ton | 182,400 | – | 1,191,998 | 1,321,454 | 30,143,792 | 27,673,376 | 1,272,690 |
| 57 | | $ | 282,600 | – | 2,254,267 | 2,773,433 | 38,580,761 | 34,447,188 | 3,198,305 |
| 58 | Total | $ | 7,726,682 | 640,000 | 16,392,797 | 8,979,360 | 109,041,725 | 189,258,082 | 23,954,3[illegible] |
| 59 | Grand total | $ | 353,260,818 | 640,000 | 58,159,483 | 104,790,555 | 803,286,050 | 1,593,038,670 | 332,214,1[illegible] |

(1) Excludes subvention payments.
(2) Includes butane, propane and pentane plus.
See note at end of Table 2.

TABLEAU 1C. Production minérale du Canada, par province, 1970 – fin

| Saskatchewan | Alberta | British Columbia – Colombie-Britannique | Yukon | Northwest Territories – Territoires du Nord-Ouest | Canada | | | N° |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Minéraux non métalliques – fin | |
| – | – | 270,266 | – | – | 6,318,523 | tonne | Gypse | 1 |
| – | – | 737,826 | – | – | 14,199,415 | $ | | 2 |
| .. | – | – | – | – | .. | Mpc. | Hélium | 3 |
| .. | – | – | – | – | .. | $ | | 4 |
| – | – | – | – | – | – | tonne | Oxydes de fer | 5 |
| – | – | – | – | – | – | $ | | 6 |
| – | – | – | – | – | – | liv. | Lithine | 7 |
| – | – | – | – | – | – | $ | | 8 |
| – | – | – | – | – | .. | tonne | Dolomie et brucite magnésitiques | 9 |
| – | – | – | – | – | 3,332,000 | $ | | 10 |
| – | – | – | – | – | – | liv. | Mica | 11 |
| – | – | – | – | – | – | $ | | 12 |
| – | – | – | – | – | 486,667 | tonne | Syénite néphélinique | 13 |
| – | – | – | – | – | 5,801,228 | $ | | 14 |
| .. | – | – | – | – | .. | Mpc. | Azote | 15 |
| .. | – | – | – | – | .. | $ | | 16 |
| 10,150 | 12,060 | 51,000 | – | – | 320,471 | tonne | Tourbe | 17 |
| 232,400 | 333,764 | 1,976,000 | – | – | 10,167,631 | $ | | 18 |
| – | – | – | – | – | – | tonne | Phosphate | 19 |
| – | – | – | – | – | – | $ | | 20 |
| 3,420,212 | – | – | – | – | 3,420,212 | tonne | Potasse($K_2O$) | 21 |
| 108,694,791 | – | – | – | – | 108,694,791 | $ | | 22 |
| – | – | .. | – | – | 362,669 | tonne | Pyrite pyrrhotine | 23 |
| – | – | 159,944 | – | – | 1,699,474 | $ | | 24 |
| 169,744 | – | 25,727 | – | – | 3,238,037 | tonne | Quartz | 25 |
| 170,000 | – | 140,000 | – | – | 6,810,737 | $ | | 26 |
| 203,195 | 283,738 | – | – | – | 5,358,896 | tonne | Sel | 27 |
| 3,324,807 | 2,281,138 | – | – | – | 36,097,817 | $ | | 28 |
| .. | – | – | – | – | 72,055 | tonne | Stéatite, talc et pyrrophillite | 29 |
| – | – | – | – | – | 1,141,894 | $ | | 30 |
| .. | .. | – | – | – | 490,547 | tonne | Sulfate de sodium | 31 |
| 8,456,000 | 1,145,758 | – | – | – | 7,601,778 | $ | | 32 |
| .. | – | 277,720 | – | – | 705,876 | tonne | Sulfure dans les gaz métallurgiques | 33 |
| – | – | 3,429,842 | – | – | 7,433,101 | $ | | 34 |
| 26,280 | 3,454,012 | 58,718 | – | – | 3,548,310 | tonne | Soufre élémentaire | 35 |
| 210,047 | 27,587,168 | 468,280 | – | – | 28,353,509 | $ | | 36 |
| – | – | – | – | – | .. | tonne | Titane (bioxyde, etc.) | 37 |
| – | – | – | – | – | 34,622,589 | $ | | 38 |
| 118,987,565 | 31,347,828 | 23,473,668 | 13,927,652 | – | 480,537,626 | $ | Total | 39 |
| | | | | | | | Combustibles | |
| 3,819,191 | 6,783,911 | 3,483,062 | – | – | 16,604,164 | tonne | Charbon(1) | 40 |
| 7,399,872 | 28,176,333 | 25,688,821 | – | – | 86,067,421 | $ | | 41 |
| 62,594,067 | 1,870,507,110 | 326,564,797 | – | 81,939 | 2,277,108,791 | Mpc. | Gaz naturel | 42 |
| 7,331,962 | 265,912,073 | 35,200,442 | – | 34,578 | 315,099,792 | $ | | 43 |
| 1,554,933 | 74,496,435 | 1,732,129 | – | – | 77,783,497 | baril | Sous-produits du gaz naturel(2) | 44 |
| 2,709,252 | 154,017,188 | 3,383,516 | – | – | 160,109,956 | $ | | 45 |
| 89,486,610 | 338,403,241 | 25,477,973 | – | 846,003 | 461,180,059 | baril | Pétrole(huile brute et condensé) | 46 |
| 199,769,908 | 876,886,679 | 60,943,312 | – | 1,142,104 | 1,156,453,580 | $ | | 47 |
| 217,210,994 | 1,324,992,273 | 125,216,091 | – | 1,176,682 | 1,717,730,749 | $ | Total | 48 |
| | | | | | | | Matériaux de construction | |
| 1,818,847 | 4,656,989 | 4,367,183 | – | – | 51,791,258 | $ | Produits d'argile | 49 |
| 151,997 | 878,307 | 601,803 | – | – | 7,945,915 | tonne | Ciment | 50 |
| 4,057,552 | 19,592,375 | 13,210,848 | – | – | 155,739,761 | $ | | 51 |
| – | 91,397 | – | – | – | 1,676,192 | tonne | Chaux | 52 |
| – | 1,786,109 | – | – | – | 21,381,312 | $ | | 53 |
| 8,963,000 | 16,042,000 | 23,817,000 | – | – | 202,656,000 | tonne | Sable et gravier | 54 |
| 4,279,000 | 13,000,000 | 21,245,000 | – | – | 133,558,000 | $ | | 55 |
| – | 166,147 | 3,370,983 | – | – | 65,322,840 | tonne | Pierre | 56 |
| – | 612,506 | 5,826,690 | – | – | 87,975,750 | $ | | 57 |
| 10,155,399 | 39,647,979 | 44,649,721 | – | – | 450,446,081 | $ | Total | 58 |
| 379,190,476 | 1,395,993,663 | 490,158,498 | 77,511,933 | 133,814,295 | 5,722,058,591 | $ | Total général | 59 |

(1) Les subventions exclues.
(2) Y compris butane, propane et pentane plus.
Voir nota à la fin du Tableau 2.

TABLE 2. Annual Values of the Mineral Production of Canada since 1900

TABLEAU 2. Valeur annuelle de la production minérale canadienne depuis 1900

| Year — Année | Metallics — Métaux | Non metallics — Produits non métalliques | Fuel — Combustible | Structural materials — Matériaux de construction | Total | Value per capita — Valeur par tête d'habitant |
|---|---|---|---|---|---|---|
| | dollars | | | | | |
| 1900 | 40,521,807 | 1,914,690 | 15,311,479 | 6,372,901 | 64,420,877 | 12.15 |
| 1910 | 49,438,873 | 5,109,754 | 32,647,404 | 19,627,592 | 106,823,623 | 15.29 |
| 1920 | 77,939,630 | 22,260,697 | 85,767,250 | 41,892,088 | 227,859,665 | 26.63 |
| 1930 | 142,614,237 | 15,347,391 | 68,184,485 | 53,727,465 | 279,873,578 | 27.42 |
| 1940 | 382,440,214 | 26,074,296 | 78,837,874 | 42,472,651 | 529,825,035 | 46.55 |
| 1950 | 617,238,340 | 94,721,564 | 201,193,957 | 132,296,212 | 1,045,450,073 | 76.24 |
| 1960 | 1,406,558,061 | 197,505,783 | 565,851,829 | 322,594,308 | 2,492,509,981 | 139.48 |
| 1961 | 1,387,159,036 | 210,467,786 | 673,923,596 | 331,345,763 | 2,602,896,181 | 142.72 |
| 1962 | 1,496,433,950 | 217,453,009 | 811,218,687 | 356,166,833 | 2,881,272,479 | 155.05 |
| 1963 | 1,509,536,931 | 253,452,413 | 885,175,184 | 379,011,116 | 3,027,175,644 | 159.90 |
| 1964 | 1,701,648,538 | 287,497,000 | 973,002,955 | 403,058,324 | 3,365,206,817 | 174.45 |
| 1965 | 1,907,575,899 | 327,238,901 | 1,045,884,710 | 434,161,904 | 3,714,861,414 | 189.1[illegible] |
| 1966 | 1,984,672,572 | 363,387,717 | 1,151,835,601 | 480,649,622 | 3,980,545,512 | 198.8[illegible] |
| 1967 | 2,285,279,477 | 406,269,252 | 1,234,596,195 | 454,660,361 | 4,380,805,285 | 214.6[illegible] |
| 1968 | 2,492,599,647 | 446,922,191 | 1,343,163,414 | 439,563,425 | 4,722,248,677 | 228.12[r] |
| 1969 | 2,377,523,392 | 450,188,745 | 1,465,400,072 | 441,171,646[r] | 4,734,283,855[r] | 225.43[r] |
| 1970 | 3,073,344,135 | 480,537,626 | 1,717,730,749 | 450,446,081 | 5,722,058,591 | 268.68 |

Note: In representing a total valuation of the mineral production as is here given it should be explained that the production of the metals, copper, gold, lead, nickel, silver, zinc, etc., is given as far as possible on the basis of the quantities of metals recovered in smelters, and the total quantities in each case are valued chiefly at the average market price of the refined metal in a recognised market. There are thus included in some cases the values that have accrued in the smelting or refining of metals outside of Canada. 1900 total includes $300,000 estimated value of unreported products, mostly structural materials.

Note: Relativement à l'évaluation globale de production minérale présentée ci-dessus, il y a lieu d'expliquer que le volume des productions métalliques (cuivre, or, plomb, nickel, argent, zinc, etc.) est calculé chaque fois que possible en quantité de chaque métal obtenue aux fonderies, et que les quantités totales obtenues dans chaque cas sont valorisées au cours moyen du métal affiné pratiqué sur un marché reconnu. Il arrive ainsi, dans certains cas, que soient comprises au tableau des valeurs établies dans des usines de réduction ou d'affinage situées à l'étranger. La valeur totale de l'année 1900 comprend une somme de $300,000 valeur estimée de produits non déclarés (principalement matériaux de construction).

TABLE 3. Quantity Index of Real Domestic Product of the Mineral Industry since 1961

TABLEAU 3. Indice quantitatif, produit intérieur réel de l'industrie minière depuis 1961

(1961=100)

| Year — Année | Index — Indice | Year — Année | Index — Indice |
|---|---|---|---|
| 1961 | 100.0 | 1966 | 134.2 |
| 1962 | 106.2 | 1967 | 142.1 |
| 1963 | 112.1 | 1968 | 152.[illegible] |
| 1964 | 126.0 | 1969 | 153.[illegible][r] |
| 1965 | 131.9 | 1970 | 178.[illegible] |

Source: Statistics Canada Catalogue Nos. 61-510 and 61-005. — Statistique Canada n[os] de catalogue 61-510 et 61-005.

TABLE 4. Value of Mineral Production, by Provinces, since 1961

TABLEAU 4. Valeur de la production minérale, par province, depuis 1961

| Year — Année | Newfoundland — Terre-Neuve | Prince Edward Island — Île-du-Prince-Édouard | Nova Scotia — Nouvelle-Écosse | New Brunswick — Nouveau-Brunswick | Québec | Ontario |
|---|---|---|---|---|---|---|
| 1961 | 91,618,709 | 606,644 | 61,704,836 | 18,834,233 | 455,522,933 | 943,669,488 |
| 1962 | 101,858,960 | 677,906 | 61,658,584 | 21,811,575 | 519,453,166 | 913,342,141 |
| 1963 | 137,796,707 | 798,345 | 66,538,923 | 28,343,433 | 540,615,068 | 874,208,868 |
| 1964 | 182,152,656 | 831,283 | 66,228,400 | 48,678,008 | 684,583,430 | 904,077,030 |
| 1965 | 207,557,627 | 599,387 | 71,006,797 | 82,164,361 | 715,900,973 | 993,730,951 |
| 1966 | 244,020,086 | 1,062,513 | 85,595,724 | 90,208,403 | 771,179,636 | 957,851,890 |
| 1967 | 266,365,149 | 1,775,001 | 52,543,570 | 90,440,172 | 741,435,723 | 1,194,548,906 |
| 1968 | 309,711,994 | 976,742 | 56,939,905 | 88,452,486 | 725,077,850 | 1,355,628,670 |
| 1969 | 256,935,937 | 451,500 | 58,561,575r | 94,592,565 | 717,156,067r | 1,222,172,333r |
| 1970 | 353,260,818 | 640,000 | 58,159,483 | 104,790,555 | 803,286,050 | 1,593,038,670 |

| Year — Année | Manitoba | Saskatchewan | Alberta | British Columbia — Colombie-Britannique | Yukon | Northwest Territories — Territoires du Nord-Ouest |
|---|---|---|---|---|---|---|
| 1961 | 101,489,840 | 215,280,083 | 495,563,299 | 187,713,736 | 12,750,304 | 18,142,076 |
| 1962 | 158,932,169 | 241,890,362 | 596,445,487 | 234,493,431 | 13,137,730 | 17,570,968 |
| 1963 | 169,626,688 | 274,176,879 | 644,454,230 | 260,358,538 | 14,366,936 | 15,891,029 |
| 1964 | 173,872,576 | 293,287,315 | 709,486,797 | 268,723,824 | 15,204,103 | 18,081,395 |
| 1965 | 182,143,774 | 328,851,532 | 761,892,852 | 280,156,207 | 13,400,535 | 77,456,418 |
| 1966 | 179,342,104 | 348,504,856 | 848,667,120 | 330,898,073 | 11,975,757 | 111,239,350 |
| 1967 | 184,678,564 | 361,824,120 | 974,366,130 | 379,554,811 | 14,990,529 | 118,282,610 |
| 1968 | 209,625,533 | 357,082,245 | 1,092,444,193 | 389,307,488 | 21,365,555 | 115,636,016 |
| 1969 | 246,274,849r | 344,624,900r | 1,205,308,015 | 433,632,681r | 35,402,563 | 119,170,870 |
| 1970 | 332,214,150 | 379,190,476 | 1,395,993,663 | 490,158,498 | 77,511,933 | 133,814,295 |

TABLE 5. Tonnage of Ore Mined and Rock Quarried in the Canadian Mining Industry, 1968-1970

TABLEAU 5. Tonnages de minerais et de pierres extraits par l'industrie minière canadienne, 1968-1970

| | 1968 | 1969 | 1970 |
|---|---|---|---|
| Gold-quartz ores — Minerais d'or-quartz | 9,268,857 | 9,048,327 | 7,781,571 |
| Copper-gold-silver ores — Minerais de cuivre-or-argent | 34,909,280 | 33,847,436 | 43,067,354 |
| Silver-cobalt ores — Minerais d'argent-cobalt | 269,036 | 286,097 | 229,704 |
| Silver-lead-zinc ores — Minerais d'argent-plomb-zinc | 12,503,061 | 14,191,584 | 15,838,543 |
| Nickel-copper ores — Minerais de nickel-cuivre | 29,650,613 | 22,243,976 | 34,492,189 |
| Iron ores — Minerais de fer | 101,753,446 | 88,142,291 | 108,259,551 |
| Miscellaneous metals(1) — Métaux divers(1) | 17,702,304 | 21,818,907 | 25,199,823 |
| Asbestos — Amiante | 78,115,612 | 88,438,106 | 90,531,936 |
| Feldspar and nepheline syenite — Feldspath et syénite néphélinique | 662,046 | 791,053 | 626,833 |
| Quartz, exclusive of sand (shipments) — Quartz, excluant le sable (expéditions) | 1,101,805 | 1,268,446 | 1,368,952 |
| Gypsum and anhydrite — Gypse et anhydride | 5,914,312 | 6,625,859 | 5,892,699 |
| Talc and soapstone — Talc et stéatite | 87,588 | 74,178 | 67,021 |
| Rock salt — Sel gemme | 3,865,097 | 3,406,901 | 4,368,015 |
| Other non-metals — Autres produits non métalliques | 11,598,754 | 15,257,175 | 14,304,219 |
| Stone, all kinds, quarried(2) — Pierre, toutes espèces, extraite des carrières(2) | 75,939,767 | 67,477,012 | 65,322,840 |
| Stone used for the manufacture of cement — Pierre utilisée dans la fabrication du ciment | 10,501,240 | 10,774,284 | 11,774,537 |
| Estimated rock for the manufacture of lime — Quantité estimée de pierre servant à fabriquer la chaux | 2,531,850 | 2,981,494 | 3,118,403 |
| Other than coal — Total — Autres que le charbon | 396,374,668 | 386,673,126 | 432,244,190 |

(1) Excludes uranium ore. — Comprend le minerai d'uranium.
(2) Excludes stone used to manufacture cement and lime. — Ne comprend pas la pierre utilisée dans la fabrication du ciment et de la chaux.

TABLE 6. Tonnage of Ore Mined and Rock Quarried(1), by Provinces, 1968-1970

TABLEAU 6. Tonnages de minerais et de pierres extraits,(1) par province, 1968-1970

| Province | 1968 | 1969 | 1970 |
|---|---|---|---|
| Newfoundland — Terre-Neuve | 61,754,612 | 48,161,279 | 64,968,384 |
| Prince Edward Island — Île-du-Prince-Édousrd | 439,775 | — | — |
| Nova Scotia — Nouvelle-Écosse | 6,234,914 | 7,060,062 | 6,766,582 |
| New Brunswick — Nouveau-Brunswick | 5,868,466 | 4,995,205 | 5,561,055 |
| Québec | 150,061,678 | 155,060,042 | 156,392,446 |
| Ontario | 103,829,802 | 94,527,742 | 109,660,337 |
| Manitoba | 7,738,918 | 7,338,069 | 8,908,545 |
| Saskatchewan | 12,870,199 | 16,321,593 | 15,309,033 |
| Alberta | 1,384,510 | 1,593,302 | 1,477,439 |
| British Columbia — Colombie-Britannique | 37,420,151 | 41,383,733 | 49,616,883 |
| Yukon | 5,501,670 | 5,870,620 | 8,859,608 |
| Northwest Territories — Territoires du Nord-Ouest | 3,269,973 | 4,361,479 | 4,723,878 |
| Excluding coal — Canada — Excluant le charbon | 396,374,668 | 386,673,126 | 432,244,190 |

(1) Sand and gravel, sodium sulphate, etc. which are not actually mined or blasted are not included. — Sable et gravier, sulfate de sodium, etc. qui ne sont pas réellement extraits ne sont pas inclus.

TABLE 7. Average Prices of Copper, Lead, Zinc and Silver, 1961-1970
(Copper, lead and zinc in U.S. cents per pound; silver, U.S. cents per ounce)

TABLEAU 7. Prix moyens du cuivre, du plomb, du zinc et de l'argent, 1961-1970
(Les prix du cuivre, du plomb et du zinc sont en cents américains, à la livre; celui de l'argent est en cents américains, à l'once)

| Year — Année | Yearly average — Moyenne annuelle | | | | Year — Année | Yearly average — Moyenne annuelle | | | |
|---|---|---|---|---|---|---|---|---|---|
| | New York | | St. Louis | New York | | New York | | St. Louis | New York |
| | Copper — Cuivre | Lead — Plomb | Zinc(1) | Silver(2) — Argent(2) | | Copper — Cuivre | Lead — Plomb | Zinc(1) | Silver(2) — Argent(2) |
| 1961 | 29.921 | 10.871 | 11.542 | 92.449 | 1966 | 36.170 | 15.115 | 14.500 | 129.300 |
| 1962 | 30.600 | 9.631 | 11.625 | 108.521 | 1967 | 38.226 | 14.000 | 13.843 | 154.968 |
| 1963 | 30.600 | 11.137 | 11.997 | 127.912 | 1968 | 41.847 | 13.212 | 13.500 | 214.460 |
| 1964 | 31.960 | 13.596 | 13.568 | 129.300 | 1969 | 47.534 | 14.895 | 14.600 | 179.067 |
| 1965 | 35.017 | 16.000 | 14.500 | 129.300 | 1970 | 57.700 | 15.619 | 15.319 | 177.082 |

(1) Prime western grade. — Première qualité de l'ouest.
(2) Metals Week. Beginning 1962 prices are for refined silver. Prices for 1961 are for unrefined silver. — Metals Week. À compter de 1962, les prix sont ceux de l'argent affiné. Les prix de 1961 sont ceux de l'argent non affiné.
Source: "American Bureau of Metal Statistics".

TABLE 8. Average Annual Metal Prices, in Canadian Dollars, 1961-1970

TABLEAU 8. Prix moyens annuels des métaux en dollars canadiens, 1961-1970

| Year — Année | Troy oz. — Once troy | | Pound — Livre | | | Year — Année | Troy oz. — Once troy | | Pound — Livre | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Gold(1) — Or(1) | Silver(2) — Argent(2) | Copper(2) — Cuivre(2) | Lead(2) — Plomb(2) | Zinc(2) | | Gold(1) — Or(1) | Silver(2) — Argent(2) | Copper(2) — Cuivre(2) | Lead(2) — Plomb(2) | Zinc(2) |
| 1961 | 35.46 | 0.9426 | 0.2919 | 0.1021 | 0.1259 | 1966 | 37.71 | 1.3990 | 0.4490 | 0.1494 | 0.1510 |
| 1962 | 37.41 | 1.1650 | 0.3100 | 0.0992 | 0.1210 | 1967 | 37.75 | 1.7320 | 0.4757 | 0.1400 | 0.1449 |
| 1963 | 37.75 | 1.3840 | 0.3150 | 0.1100 | 0.1278 | 1968 | 37.71 | 2.3130 | 0.4810 | 0.1344 | 0.1416 |
| 1964 | 37.75 | 1.4000 | 0.3340 | 0.1344 | 0.1417 | 1969 | 37.69 | 1.9300 | 0.5143 | 0.1517 | 0.1533 |
| 1965 | 37.73 | 1.3990 | 0.3760 | 0.1550 | 0.1510 | 1970 | 36.56 | 1.8500 | 0.5805 | 0.1582 | 0.1502 |

(1) Royal Canadian Mint buying price. — Valeur suivant le cours de la monnaie royale canadienne.
(2) The Northern Miner: — Silver, f.o.b. Toronto; copper-producer price for electrolytic wirebar; lead-producer price of virgin material; zinc-delivered, Prime Western grade plus 0.6 cents per pound. — Les prix d'après le "Northern Miner" sont: Argent, franco à bord, Toronto; cuivre, producteur de barre à fil électrolytique; plomb, producteur de matériaux vierges; zinc, livré, première qualité de l'Ouest plus 0.6 sous la livre.

TABLE 9. Source of material hoisted or removed from metal mines (short tons)

TABLEAU 9. Source de matière extraite ou enlevée des mines métalliques (tonnes courtes)

| | Underground – Sous terre | | Open pit – À ciel ouvert | | |
|---|---|---|---|---|---|
| | Ore – Minerai | Waste – Déchets | Ore – Minerai | Waste – Déchets | Overburden – Terre de couverture |
| **By industry – 1970 – Par industrie** | | | | | |
| Gold quartz mines – Mines d'or quartz | 7,781,571 | 235,170 | – | – | – |
| Copper-gold-silver mines – Mines de cuivre-or-argent | 17,807,016 | 1,240,735 | 25,260,338 | 46,936,090 | 996,557 |
| Nickel-copper mines – Mines de nickel-cuivre | 30,943,781 | 2,287,170 | 3,548,408 | 6,415,893 | 2,017,510 |
| Silver-cobalt mines – Mines d'argent-cobalt | 202,748 | 14,519 | 26,956 | – | – |
| Silver-lead-zinc mines – Mines d'argent-plomb-zinc | 8,733,401 | 349,859 | 7,105,142 | 17,836,607 | 6,409,649 |
| Iron mines – Mines de fer | 3,839,642 | 383,499 | 104,419,909 | 49,334,109 | 25,325,088 |
| Uranium mines – Mines d'uranium | 2,962,520 | 331,967 | 42,878 | – | 327,547 |
| Other metal mines – Autres mines métalliques | 2,436,198 | 81,730 | 19,758,227 | 7,868,238 | – |
| Total | 74,706,877 | 4,924,649 | 160,161,858 | 128,390,937 | 35,076,351 |
| **By province – 1970 – Par province** | | | | | |
| Newfoundland – Terre-Neuve | 2,185,054 | 65,135 | 50,051,847 | 14,289,190 | 2,043,613 |
| New Brunswick – Nouveau-Brunswick | 2,848,862 | 133,637 | 1,107,575 | 2,196,405 | – |
| Québec | 15,227,314 | 759,102 | 36,576,831 | 34,116,784 | 2,238,842 |
| Ontario | 38,852,348 | 2,423,230 | 28,298,771 | 23,976,398 | 25,237,163 |
| Manitoba | 6,393,245 | 505,148 | 395,960 | 1,358 | – |
| Saskatchewan | 1,315,859 | 163,329 | 86,659 | – | 327,547 |
| British Columbia – Colombie-Britannique | 7,136,518 | 715,833 | 36,735,338 | 36,262,716 | 211,324 |
| Yukon | 93,215 | 33,881 | 2,839,461 | 14,983,048 | – |
| Northwest Territories – Territoires du Nord-Ouest | 654,462 | 125,354 | 4,069,416 | 2,565,038 | 5,017,862 |
| Total | 74,706,877 | 4,924,649 | 160,161,858 | 128,390,937 | 35,076,351 |
| **By industry – 1969 – Par industrie** | | | | | |
| Gold quartz mines – Mines d'or quartz | 9,048,327 | 293,083 | – | – | – |
| Copper-gold-silver mines – Mines de cuivre-or-argent | 17,038,322 | 1,240,450 | 16,809,114 | 33,981,140 | 1,214,680 |
| Nickel-copper mines – Mines de nickel-cuivre | 19,965,193 | 1,483,353 | 2,278,783 | 4,294,944 | 22,250 |
| Silver-cobalt mines – Mines d'argent-cobalt | 216,318 | 33,434 | 69,779 | – | – |
| Silver-lead-zinc mines – Mines d'argent-plomb-zinc | 8,645,840 | 414,362 | 5,545,744 | 8,652,293 | 5,414,986 |
| Iron mines – Mines de fer | 3,551,825 | 15,806 | 84,590,466 | 45,631,646 | 22,334,661 |
| Uranium mines – Mines d'uranium | 3,042,011 | 344,140 | 16,937 | 299,066 | – |
| Other metal mines – Autres mines métalliques | 2,221,804 | 39,675 | 16,538,155 | 6,630,755 | 3,379,020 |
| Total | 63,729,640 | 3,864,303 | 125,848,978 | 99,489,844 | 32,365,597 |
| **By province – 1969 – Par province** | | | | | |
| Newfoundland – Terre-Neuve | 2,408,845 | 23,884 | 35,677,983 | 12,263,289 | 874,463 |
| New Brunswick – Nouveau-Brunswick | 2,367,158 | 160,726 | 1,145,464 | 2,802,001 | – |
| Québec | 14,704,887 | 925,188 | 32,660,711 | 28,634,190 | 1,885,740 |
| Ontario | 29,203,543 | 1,291,441 | 24,278,427 | 22,442,897 | 21,893,846 |
| Manitoba | 5,202,881 | 849,215 | 410,307 | 247,915 | – |
| Saskatchewan | 1,403,239 | 157,631 | 113,161 | 516,148 | 7,562 |
| British Columbia – Colombie-Britannique | 7,738,710 | 286,956 | 26,454,850 | 25,337,851 | 3,991,800 |
| Yukon | 87,483 | 31,744 | 1,359,490 | 5,284,653 | – |
| Northwest Territories – Territoires du Nord-Ouest | 612,894 | 137,518 | 3,748,585 | 1,960,900 | 3,712,186 |
| Total | 63,729,640 | 3,864,303 | 125,848,978 | 99,489,844 | 32,365,597 |

TABLE 10. Principal Statistics of the Mineral Industry, by Industries, 1966-1970

TABLEAU 10. Statistiques principales des industries minières, par industrie, 1966-1970

| Year – Année | Establishments – Établissements | Mining activity – Activité minière: Production and related workers – Travailleurs de la production et connexes: Number – Nombre | Man-hours paid – Heures-hommes payées | Wages – Salaires | Cost of fuel and electricity(1) – Coût du combustible et de l'électricité(1) | Cost of materials and supplies(2) – Coût des matières et fournitures(2) | Value of production – Valeur de la production | Value added – Valeur ajoutée | Total activity – Activité totale: Working owners and partners – Propriétaires, associés actifs: Number – Nombre | Withdrawals – Retraits | Employees – Employés: Number – Nombre | Salaries and wages – Traitements et salaires | Value added – Valeur ajoutée |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. – nomb. | | '000 | $'000 | | | | | | $'000 | | $'000 | |
| **Metal mining industries – Mines métalliques** | | | | | | | | | | | | | |
| **Placer gold mines – Placers d'or** | | | | | | | | | | | | | |
| 1966 | 22 | 105 | 260 | 745 | 93 | 344 | 1,775 | 1,339 | 18 | 82 | 124 | 936 | 1,628 |
| 1967 | 22 | 15 | 27 | 76 | 24 | 79 | 360 | 257 | 19 | 43 | 16 | 77 | 260 |
| 1968 | 12 | 18 | 36 | 100 | 12 | 69 | 345 | 264 | 11 | 58 | 18 | 100 | 264 |
| 1969 | 9 | 12 | 10 | 36 | 13 | 58 | 226 | 155 | 9 | 41 | 13 | 36 | 156 |
| 1970 | 11 | 8 | 12 | 32 | 21 | 75 | 216 | 120 | 11 | 60 | 10 | 42 | 120 |
| **Gold-quartz mines – Mines quartz-aurifère** | | | | | | | | | | | | | |
| 1966 | 54 | 9,730 | 20,834 | 46,905 | 6,348 | 32,914 | 132,290 | 93,028 | 4 | 24 | 11,532 | 58,133 | 94,123 |
| 1967 | 43 | 8,683 | 18,155 | 43,674 | 5,954 | 28,890 | 120,196 | 85,352 | – | – | 10,319 | 54,412 | 86,075 |
| 1968 | 42 | 7,616 | 15,627 | 40,493 | 5,223 | 27,493 | 110,748 | 78,032 | x | x | 8,983 | 50,495 | 78,644 |
| 1969 | 37 | 6,947 | 14,330 | 39,112 | 5,314 | 27,887 | 108,193 | 74,993 | – | – | 8,208 | 48,805 | 75,573 |
| 1970 | 30 | 5,982 | 12,493 | 36,203 | 5,444 | 26,015 | 95,361 | 63,902 | – | – | 7,175 | 45,609 | 64,070 |
| **Copper-gold-silver mines – Mines de cuivre-or-argent** | | | | | | | | | | | | | |
| 1966 | 43 | 9,986 | 21,502 | 57,442 | 9,535 | 121,532 | 408,082 | 277,015 | – | – | 12,467 | 73,461 | 282,415 |
| 1967 | 45 | 10,776 | 22,515 | 65,660 | 12,463 | 173,963 | 543,914 | 357,488 | – | – | 13,270 | 84,118 | 360,518 |
| 1968 | 41 | 10,423 | 22,266 | 69,420 | 12,550 | 196,882 | 587,234 | 377,801 | – | – | 12,950 | 88,685 | 380,005 |
| 1969 | 43 | 10,627 | 21,944 | 73,721 | 13,550 | 228,250 | 707,109 | 465,309 | – | – | 13,378 | 96,233 | 467,244 |
| 1970 | 47 | 11,826 | 24,907 | 90,980 | 15,964 | 246,104 | 694,745 | 432,678 | – | – | 15,550 | 124,998 | 442,958 |
| **Silver-cobalt mines – Mines d'argent-cobalt** | | | | | | | | | | | | | |
| 1966 | 8 | 437 | 946 | 1,966 | 272 | 1,429 | 7,417 | 5,715 | – | – | 545 | 2,599 | 6,003 |
| 1967 | 8 | 438 | 880 | 2,141 | 264 | 1,715 | 8,850 | 6,870 | – | – | 519 | 2,684 | 6,843 |
| 1968 | 9 | 470 | 996 | 2,675 | 284 | 2,248 | 10,177 | 7,645 | – | – | 570 | 3,263 | 7,635 |
| 1969 | 7 | 430 | 909 | 2,599 | 317 | 1,825 | 8,230 | 6,088 | – | – | 512 | 3,176 | 6,165 |
| 1970 | 6 | 339 | 694 | 2,203 | 251 | 1,383 | 5,818 | 4,184 | – | – | 407 | 2,699 | 4,211 |
| **Silver-lead-zinc mines – Mines d'argent-plomb-zinc** | | | | | | | | | | | | | |
| 1966 | 24 | 4,604 | 9,960 | 26,993 | 5,905 | 99,071 | 263,217 | 158,242 | – | – | 5,811 | 35,414 | 159,602 |
| 1967 | 22 | 4,441 | 9,429 | 27,536 | 6,080 | 98,311 | 243,303 | 138,912 | – | – | 5,511 | 35,835 | 138,454 |
| 1968 | 23 | 4,645 | 9,946 | 30,994 | 6,506 | 105,249 | 262,321 | 150,565 | x | x | 5,750 | 40,143 | 149,695 |
| 1969 | 21 | 4,772 | 10,177 | 34,191 | 7,446 | 117,701 | 296,386 | 171,239 | – | – | 5,955 | 44,480 | 170,424 |
| 1970 | 24 | 4,987 | 10,704 | 39,235 | 8,873 | 136,800 | 317,276 | 171,603 | – | – | 6,696 | 56,135 | 172,153 |
| **Nickel-copper mines – Mines de nickel-cuivre** | | | | | | | | | | | | | |
| 1966 | 10 | 13,225 | 25,482 | 76,998 | 4,781 | 208,067 | 526,950 | 314,102 | – | – | 15,184 | 94,069 | 315,901 |
| 1967 | 10 | 13,699 | 28,868 | 98,137 | 5,345 | 258,972 | 641,803 | 377,487 | – | – | 16,018 | 119,615 | 386,870 |
| 1968 | 10 | 14,980 | 32,288 | 115,264 | 6,595 | 267,962 | 711,929 | 437,372 | – | – | 17,607 | 141,377 | 438,356 |
| 1969 | 9 | 12,425 | 24,945 | 94,999 | 8,329 | 257,253 | 651,965 | 386,383 | – | – | 15,301 | 128,203 | 387,706 |
| 1970 | 8 | 16,691 | 35,107 | 149,303 | 11,085 | 393,311 | 1,039,040 | 634,644 | – | – | 20,703 | 197,179 | 636,667 |
| **Iron mines – Mines de fer** | | | | | | | | | | | | | |
| 1966 | 18 | 7,339 | 16,430 | 55,120 | 26,256 | 101,690 | 378,340 | 250,393 | – | – | 11,464 | 87,165 | 251,494 |
| 1967 | 18 | 7,001 | 16,903 | 58,312 | 29,944 | 94,782 | 414,320 | 289,595 | – | – | 10,899 | 92,267 | 292,315 |
| 1968 | 20 | 7,830 | 17,292 | 68,179 | 35,345 | 127,100 | 501,848 | 339,402 | – | – | 11,342 | 101,756 | 340,515 |
| 1969 | 18 | 7,058 | 15,369 | 66,960 | 32,143 | 114,322 | 461,843 | 315,378 | – | – | 10,490 | 101,290 | 316,009 |
| 1970 | 17 | 7,609 | 16,416 | 74,031 | 37,621 | 134,190 | 595,909 | 424,098 | – | – | 11,336 | 114,459 | 424,469 |
| **Miscellaneous metal mines – Mines métalliques diverses** | | | | | | | | | | | | | |
| 1966 | 14 | 2,850 | 6,199 | 18,309 | 4,147 | 20,215 | 102,628 | 78,266 | – | – | 3,694 | 24,046 | 78,859 |
| 1967 | 15 | 3,209 | 7,024 | 22,442 | 4,410 | 23,599 | 106,445 | 78,437 | – | – | 4,122 | 28,999 | 79,532 |
| 1968 | 17 | 3,256 | 6,824 | 23,197 | 5,183 | 29,191 | 106,680 | 72,306 | – | – | 4,347 | 30,980 | 72,911 |
| 1969 | 17 | 3,752 | 8,106 | 29,876 | 5,982 | 32,972 | 143,387 | 104,433 | – | – | 4,904 | 39,614 | 105,194 |
| 1970 | 18 | 3,660 | 7,864 | 29,906 | 6,389 | 33,744 | 141,958 | 101,824 | – | – | 4,713 | 39,424 | 102,562 |
| **Head offices, sales offices and auxiliary units – Sièges sociaux, bureaux de vente et unités auxiliaires** | | | | | | | | | | | | | |
| 1966 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 849 | 9,319 | 1,110 |
| 1967 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,054 | 11,374 | 1,260 |
| 1968 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,802 | 17,974 | 2,328 |
| 1969 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1,789 | 17,412 | 1,262 |
| 1970 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | (3) | (3) | (3) |

See footnote(s) at end of table. – Voir renvoi(s) à la fin du tableau.

TABLE 10. Principal Statistics of the Mineral Industry, by Industries, 1966-1970 — Continued

TABLEAU 10. Statistiques principales des industries minières, par industrie, 1966-1970 — suite

| Year — Année | Establishments — Établissements | Mining activity — Activité minière: Production and related workers — Travailleurs de la production et connexes: Number — Nombre | Man-hours paid — Heures-hommes payées | Wages — Salaires | Cost of fuel and electricity(1) — Coût du combustible et de l'électricité(1) | Cost of materials and supplies(2) — Coût des matières et fournitures(2) | Value of production — Valeur de la production | Value added — Valeur ajoutée | Total activity — Activité totale: Working owners and partners — Propriétaires, associés actifs: Number — Nombre | Withdrawals — Retraits | Employees — Employés: Number — Nombre | Salaries and wages — Traitements et salaires | Value added — Valeur ajoutée |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. — nomb. | | '000 | $'000 | | | | | | $'000 | | $'000 | |
| | **Metal mining industries — Total — Mines métalliques** | | | | | | | | | | | | |
| 1966 | 193 | 48,276 | 101,614 | 284,477 | 57,337 | 585,262 | 1,820,698 | 1,178,100 | 22 | 106 | 61,670 | 385,143 | 1,191,194 |
| 1967 | 185 | 48,262 | 103,800 | 317,978 | 64,483 | 680,311 | 2,079,191 | 1,334,397 | 19 | 43 | 61,728 | 429,383 | 1,352,425 |
| 1968 | 174 | 49,238 | 105,275 | 350,321 | 71,701 | 756,194 | 2,291,281 | 1,463,386 | 15 | 62 | 63,369 | 474,772 | 1,470,312 |
| 1969 | 161 | 46,023 | 95,792 | 341,495 | 73,094 | 780,268 | 2,377,339 | 1,523,978 | 9 | 41 | 60,550 | 479,251 | 1,530,053 |
| 1970 | 161 | 51,102 | 108,197 | 421,893 | 85,648 | 971,621 | 2,890,322 | 1,833,053 | 11 | 60 | 66,590 | 580,546 | 1,846,310 |
| | **Non-metal mining industries — Mines non métalliques** | | | | | | | | | | | | |
| | **Asbestos — Amiante** | | | | | | | | | | | | |
| 1966 | 10 | 5,527 | 12,518 | 32,632 | 9,005 | 26,965 | 170,664 | 134,694 | — | — | 6,736 | 42,229 | 134,903 |
| 1967 | 11 | 5,651 | 13,003 | 35,864 | 9,538 | 27,912 | 174,368 | 136,918 | — | — | 6,931 | 46,214 | 136,905 |
| 1968 | 12 | 5,831 | 13,413 | 41,167 | 10,909 | 32,448 | 186,948 | 143,591 | — | — | 7,213 | 53,434 | 143,900 |
| 1969 | 12 | 5,855 | 14,293 | 45,781 | 11,310 | 31,943 | 201,108 | 157,855 | — | — | 7,242 | 58,557 | 157,574 |
| 1970 | 12 | 6,186 | 14,427 | 49,488 | 12,386 | 41,767 | 218,190 | 164,037 | — | — | 7,664 | 63,236 | 163,370 |
| | **Feldspar, quartz and nepheline syenite — Feldspath, quartz et syénite néphélinique** | | | | | | | | | | | | |
| 1966 | 12 | 280 | 635 | 1,385 | 441 | 1,480 | 8,137 | 6,217 | x | x | 367 | 1,920 | 6,297 |
| 1967 | 11 | 283 | 647 | 1,492 | 485 | 1,460 | 8,729 | 6,784 | — | — | 373 | 2,052 | 6,956 |
| 1968 | 11 | 292 | 670 | 1,698 | 501 | 2,004 | 9,873 | 7,368 | x | x | 365 | 2,197 | 7,347 |
| 1969 | 13 | 316 | 703 | 1,880 | 625 | 2,113 | 11,804 | 9,065 | x | x | 388 | 2,447 | 9,053 |
| 1970 | 14 | 358 | 775 | 2,181 | 674 | 2,241 | 11,854 | 8,939 | — | — | 453 | 2,927 | 8,880 |
| | **Gypsum — Gypse** | | | | | | | | | | | | |
| 1966 | 10 | 471 | 1,014 | 2,047 | 390 | 1,489 | 9,432 | 7,553 | — | — | 585 | 2,813 | 7,532 |
| 1967 | 9 | 406 | 881 | 1,934 | 381 | 1,443 | 9,793 | 7,968 | — | — | 505 | 2,610 | 7,981 |
| 1968 | 9 | 390 | 875 | 2,058 | 391 | 2,139 | 11,807 | 9,277 | — | — | 489 | 2,758 | 9,238 |
| 1969 | 12 | 544 | 1,215 | 3,113 | 706 | 2,528 | 14,731 | 11,496 | — | — | 657 | 4,004 | 11,424 |
| 1970 | 13 | 563 | 1,273 | 3,401 | 721 | 2,778 | 14,254 | 10,756 | — | — | 671 | 4,282 | 10,686 |
| | **Iron oxides (ochres) and mica — Oxydes de fer (ocres) et mica** | | | | | | | | | | | | |
| | **Included in miscellaneous non-metal mines — Inclus dans diverses mines non métalliques** | | | | | | | | | | | | |
| | **Peat — Tourbe** | | | | | | | | | | | | |
| 1966 | 56 | 1,107 | 2,335 | 3,379 | 368 | 2,977 | 9,773 | 6,428 | 24 | 79 | 1,254 | 4,257 | 6,373 |
| 1967 | 60 | 1,148 | 2,271 | 3,696 | 412 | 3,221 | 11,531 | 7,898 | 22 | 76 | 1,261 | 4,421 | 7,924 |
| 1968 | 66 | 1,172 | 2,498 | 4,203 | 473 | 3,489 | 12,820 | 8,858 | x | x | 1,306 | 5,069 | 8,855 |
| 1969 | 68 | 1,039 | 2,260 | 3,956 | 508 | 3,941 | 12,515 | 8,066 | x | x | 1,156 | 4,821 | 8,106 |
| 1970 | 62 | 1,071 | 2,203 | 4,215 | 550 | 3,707 | 13,689 | 9,432 | 4 | 16 | 1,195 | 5,079 | 9,163 |
| | **Salt — Sel** | | | | | | | | | | | | |
| 1966 | 10 | 828 | 1,755 | 4,137 | 1,316 | 4,302 | 23,418 | 17,800 | — | — | 1,261 | 6,755 | 18,062 |
| 1967 | 10 | 871 | 1,930 | 4,828 | 1,369 | 5,058 | 27,514 | 21,087 | — | — | 1,288 | 7,775 | 21,419 |
| 1968 | 10 | 883 | 1,958 | 5,057 | 1,422 | 5,975 | 30,881 | 23,484 | — | — | 1,304 | 8,223 | 23,863 |
| 1969 | 10 | 771 | 1,702 | 4,740 | 1,343 | 5,616 | 29,197 | 22,238 | — | — | 1,196 | 7,978 | 22,182 |
| 1970 | 9 | 867 | 1,836 | 6,207 | 1,498 | 6,653 | 36,275 | 28,124 | — | — | 1,318 | 9,805 | 28,380 |
| | **Talc and soapstone — Talc et stéatite** | | | | | | | | | | | | |
| 1966 | 4 | 79 | 179 | 276 | 54 | 274 | 1,077 | 748 | — | — | 99 | 386 | 746 |
| 1967 | 4 | 78 | 175 | 309 | 57 | 291 | 988 | 640 | — | — | 99 | 426 | 634 |
| 1968 | 4 | 81 | 185 | 345 | 63 | 331 | 1,218 | 824 | — | — | 103 | 461 | 818 |
| 1969 | 4 | 82 | 189 | 372 | 71 | 364 | 1,219 | 785 | — | — | 108 | 526 | 794 |
| 1970 | 4 | 71 | 164 | 342 | 75 | 311 | 1,170 | 784 | — | — | 98 | 516 | 792 |
| | **Miscellaneous non-metal mines — Mines non métalliques diverses** | | | | | | | | | | | | |
| 1966 | 14 | 1,531 | 3,330 | 8,798 | 5,274 | 10,587 | 77,291 | 61,430 | — | — | 2,120 | 12,581 | 61,179 |
| 1967 | 15 | 1,979 | 4,095 | 11,922 | 6,449 | 14,368 | 85,085 | 64,268 | — | — | 2,620 | 16,976 | 64,573 |
| 1968 | 17 | 2,123 | 4,460 | 13,696 | 7,498 | 14,516 | 82,465 | 60,450 | — | — | 2,893 | 20,525 | 59,984 |
| 1969 | 20 | 2,754 | 5,847 | 20,462 | 10,047 | 19,046 | 91,098 | 62,005 | — | — | 3,575 | 27,908 | 61,444 |
| 1970 | 22 | 2,864 | 6,188 | 21,172 | 10,631 | 20,439 | 123,521 | 92,451 | — | — | 3,751 | 29,580 | 94,305 |

See footnote(s) at end of table. — Voir renvoi(s) à la fin du tableau.

TABLE 10. Principal Statistics of the Mineral Industry, by Industries, 1966-1970 – Concluded

TABLEAU 10. Statistiques principales des industries minières, par industrie, 1966-1970 – Fin

| Year – Année | Establishments – Établissements | Mining activity – Activité minière: Production and related workers – Travailleurs de la production et connexes: Number – Nombre | Man-hours paid – Heures-hommes payées | Wages – Salaires | Cost of fuel and electricity(1) – Coût du combustible et de l'électricité(1) | Cost of materials and supplies(2) – Coût des matières et fournitures(2) | Value of production – Valeur de la production | Value added – Valeur ajoutée | Total activity – Activité totale: Working owners and partners – Propriétaires, associés actifs: Number – Nombre | Withdrawals – Retraits | Employees – Employés: Number – Nombre | Salaries and wages – Traitements et salaires | Value added – Valeur ajoutée |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. – nomb. | | '000 | $'000 | | | | | | $'000 | | $'000 | |
| | Non-metal mining industries – Total – Mines non métalliques | | | | | | | | | | | | |
| 1966 | 116 | 9,823 | 21,766 | 52,654 | 16,849 | 48,075 | 299,793 | 234,869 | x | x | 12,422 | 70,941 | 235,091 |
| 1967 | 120 | 10,416 | 23,001 | 60,045 | 18,691 | 53,753 | 318,007 | 245,563 | 22 | 76 | 13,007 | 80,472 | 246,394 |
| 1968 | 129 | 10,772 | 24,059 | 68,224 | 21,258 | 60,903 | 336,012 | 253,851 | 27 | 81 | 13,673 | 92,667 | 254,004 |
| 1969 | 139 | 11,361 | 26,210 | 80,305 | 24,611 | 65,551 | 361,672 | 271,510 | 28 | 97 | 14,322 | 106,241 | 270,577 |
| 1970 | 136 | 11,980 | 26,867 | 87,007 | 26,535 | 77,896 | 418,954 | 314,523 | 4 | 16 | 15,150 | 115,425 | 315,575 |
| | Fuel industries – Combustibles | | | | | | | | | | | | |
| | Coal – Charbon | | | | | | | | | | | | |
| 1966 | 71 | 7,628 | 15,895 | 35,121 | 3,566 | 15,231 | 81,520 | 62,722 | – | – | 9,281 | 44,059 | 62,964 |
| 1967 | 61 | 7,368 | 14,193 | 36,807 | 3,362 | 14,733 | 91,375 | 73,280 | – | – | 8,981 | 46,288 | 73,469 |
| 1968 | 49 | 6,903 | 12,807 | 37,067 | 3,367 | 19,836 | 89,291 | 66,088 | – | – | 8,427 | 46,583 | 66,181 |
| 1969 | 42 | 5,866 | 10,996 | 34,178 | 3,505 | 19,743 | 87,568 | 64,320 | – | – | 7,371 | 44,738 | 64,051 |
| 1970 | 39 | 6,065 | 11,557 | 42,805 | 5,891 | 42,693 | 122,619 | 74,035 | – | – | 7,874 | 56,745 | 73,210 |
| | Petroleum and natural gas – Pétrole et gaz naturel | | | | | | | | | | | | |
| 1966 | 648 | 3,375 | 7,026 | 21,914 | 12,952 | 29,159 | 1,092,535 | 1,050,424 | – | – | 12,378 | 95,997 | 1,059,[illegible] |
| 1967 | 745 | 3,551 | 7,472 | 25,949 | 13,453 | 32,415 | 1,229,686 | 1,183,818 | – | – | 13,113 | 111,855 | 1,189,[illegible] |
| 1968 | 814 | 3,467 | 7,471 | 27,765 | 14,973 | 37,284 | 1,360,252 | 1,307,995 | – | – | 13,611 | 123,412 | 1,312,[illegible] |
| 1969 | 1,017 | 3,546 | 7,469 | 30,413 | 17,478 | 40,000 | 1,450,472 | 1,392,994 | – | – | 14,153 | 138,248 | 1,399,[illegible] |
| 1970 | 1,008 | 3,796 | 8,283 | 35,041 | 20,502 | 51,141 | 1,612,224 | 1,540,581 | – | – | 14,970 | 152,845 | 1,551,[illegible] |
| | Fuel industries – Total – Combustibles | | | | | | | | | | | | |
| 1966 | 719 | 11,003 | 22,921 | 57,035 | 16,518 | 44,390 | 1,174,055 | 1,113,146 | – | – | 21,659 | 140,056 | 1,122,359 |
| 1967 | 806 | 10,919 | 21,665 | 62,756 | 16,815 | 47,148 | 1,321,061 | 1,257,098 | – | – | 22,094 | 158,143 | 1,263,336 |
| 1968 | 863 | 10,370 | 20,278 | 64,832 | 18,340 | 57,120 | 1,449,542 | 1,374,083 | – | – | 22,038 | 169,995 | 1,378,595 |
| 1969 | 1,059 | 9,412 | 18,466 | 64,591 | 20,983 | 59,743 | 1,538,040 | 1,457,315 | – | – | 21,524 | 182,986 | 1,463,690 |
| 1970 | 1,047 | 9,861 | 19,839 | 77,846 | 26,392 | 93,834 | 1,734,843 | 1,614,616 | – | – | 22,844 | 209,590 | 1,624,847 |
| | Structural materials – Matériaux de construction | | | | | | | | | | | | |
| | Sand and gravel – Sable et gravier | | | | | | | | | | | | |
| 1966 | 229 | 2,053 | 4,814 | 10,227 | 3,615 | 9,810 | 52,115 | 38,691 | 79 | 373 | 2,611 | 13,923 | 39,219 |
| 1967 | 207 | 1,854 | 4,239 | 10,440 | 3,334 | 9,713 | 50,230 | 37,182 | 71 | 325 | 2,398 | 14,428 | 37,547 |
| 1968 | 226 | 1,960 | 4,396 | 11,903 | 3,639 | 8,800 | 52,724 | 40,286 | 64 | 272 | 2,496 | 15,935 | 41,563 |
| 1969 | 175 | 1,902 | 4,450 | 11,822 | 3,452 | 8,276 | 56,057 | 44,329 | 29 | 162 | 2,440 | 16,549 | 45,578 |
| 1970 | 158 | 1,782 | 4,142 | 11,815 | 3,241 | 7,421 | 52,721 | 42,059 | 10 | 51 | 2,322 | 16,784 | 42,895 |
| | Stone – Pierre | | | | | | | | | | | | |
| 1966 | 165 | 3,040 | 7,042 | 15,103 | 4,549 | 18,572 | 71,207 | 48,085 | 31 | 106 | 3,701 | 19,168 | 48,661 |
| 1967 | 160 | 2,779 | 6,478 | 14,271 | 4,239 | 15,651 | 63,319 | 43,428 | 29 | 117 | 3,381 | 18,251 | 43,522 |
| 1968 | 156 | 2,726 | 6,337 | 14,723 | 4,702 | 17,328 | 66,369 | 44,339 | 21 | 78 | 3,340 | 19,084 | 44,798 |
| 1969 | 152 | 2,670 | 6,154 | 15,496 | 4,859 | 17,516 | 67,529 | 45,153 | 14 | 62 | 3,252 | 19,813 | 45,415 |
| 1970 | 134 | 2,483 | 5,790 | 15,523 | 4,233 | 16,683 | 68,081 | 47,165 | 5 | 16 | 3,023 | 19,712 | 47,261 |
| | Structural materials – Total – Matériaux de construction | | | | | | | | | | | | |
| 1966 | 394 | 5,093 | 11,855 | 25,330 | 8,164 | 28,382 | 123,322 | 86,776 | 110 | 480 | 6,312 | 33,091 | 87,880 |
| 1967 | 367 | 4,633 | 10,717 | 24,711 | 7,574 | 25,365 | 113,549 | 80,610 | 100 | 442 | 5,779 | 32,679 | 81,070 |
| 1968 | 382 | 4,686 | 10,734 | 26,626 | 8,341 | 26,128 | 119,093 | 84,625 | 85 | 350 | 5,836 | 35,019 | 86,361 |
| 1969 | 327 | 4,572 | 10,604 | 27,317 | 8,311 | 25,792 | 123,585 | 89,482 | 43 | 224 | 5,692 | 36,362 | 90,993 |
| 1970 | 292 | 4,265 | 9,932 | 27,338 | 7,474 | 24,104 | 120,802 | 89,224 | 15 | 67 | 5,345 | 36,496 | 90,156 |
| | Mining industries – Total – Industries minières | | | | | | | | | | | | |
| 1966 | 1,422 | 74,195 | 158,156 | 419,496 | 98,867 | 706,109 | 3,417,868 | 2,612,891 | x | x | 102,063 | 629,232 | 2,636,[illegible] |
| 1967 | 1,478 | 74,230 | 159,182 | 465,489 | 107,563 | 806,577 | 3,831,808 | 2,917,669 | 141 | 561 | 102,678 | 700,678 | 2,943,[illegible] |
| 1968 | 1,548 | 75,066 | 160,346 | 510,003 | 119,640 | 900,344 | 4,195,930 | 3,175,945 | 127 | 493 | 104,916 | 772,453 | 3,189,[illegible] |
| 1969 | 1,686 | 71,368 | 151,072 | 513,708 | 126,999 | 931,354 | 4,400,637 | 3,342,285 | 80 | 362 | 102,088 | 804,839 | 3,355,[illegible] |
| 1970 | 1,636 | 77,208 | 164,835 | 614,084 | 146,049 | 1,167,456 | 5,164,921 | 3,851,416 | 30 | 143 | 109,929 | 942,057 | 3,876,[illegible] |

(1) Excludes cost of fuel used in the Crude Petroleum and Natural Gas Industry. – Ne comprend pas le coût du combustible consommé dans l'industrie du pétrole brut et du gaz naturel.

(2) Includes cost of fuel used in the Crude Petroleum and Natural Gas Industry. – Comprend le coût du combustible consommé dans l'industrie du pétrole brut et du gaz naturel.

(3) Refer to Explanatory Notes, pages 4 and 5, for explanation of Concepts and Definitions. – Voir définitions aux pages 4 et 5, Notes explicatives.

TABLE 11. Principal Statistics of Selected Manufacturing Industries Related to Mining, 1966-1970

TABLEAU 11. Statistiques principales pour certaines industries manufacturières se rapportant à l'industrie minière, 1966-1970

| Year — Année | Establishments — Etablissements | Manufacturing activity — Activité manufacturière: Production and related workers — Travailleurs de la production et connexes: Number — Nombre | Man-hours paid — Heures-hommes payées | Wages — Salaires | Cost of fuel and electricity — Coût du combustible et de l'électricité | Cost of materials and supplies — Coût des matières et fournitures | Value of production — Valeur de la production | Value added — Valeur ajoutée | Total activity — Activité totale: Working owners and partners — Propriétaires, associés actifs: Number — Nombre | Withdrawals — Retraits | Employees — Employés: Number — Nombre | Salaries and wages — Traitements et salaires | Value added — Valeur ajoutée |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. — nomb. | | '000 | $'000 | | | | | | $'000 | | $'000 | |
| | Smelting and refining — Fonte et affinage | | | | | | | | | | | | |
| 1966 | 23 | 24,593 | 50,896 | 145,402 | 62,829 | 347,280 | 826,167 | 416,058 | – | – | 34,237 | 209,528 | 433,858 |
| 1967 | 24 | 26,122 | 55,594 | 169,772 | 65,137 | 348,753 | 862,014 | 448,124 | – | – | 34,764 | 236,340 | 463,321 |
| 1968 | 24 | 25,572 | 51,904 | 172,282 | 72,387 | 382,435 | 932,585 | 477,763 | – | – | 34,710 | 250,948 | 493,024 |
| 1969 | 24 | 23,940 | 47,917 | 167,783 | 69,612 | 400,248 | 983,666[r] | 513,806[r] | – | – | 33,376 | 253,201 | 528,769[r] |
| 1970 | 25 | 26,537 | 54,189 | 202,502 | 88,630 | 438,846 | 1,080,015 | 552,540 | – | – | 37,298 | 305,885 | 586,182 |
| | Clay products — Produits de l'argile | | | | | | | | | | | | |
| 1966 | 81 | 2,911 | 6,390 | 13,551 | 5,888 | 7,280 | 43,662 | 30,494 | 13 | 40 | 3,510 | 17,362 | 30,681 |
| 1967 | 78 | 2,723 | 5,959 | 13,276 | 5,737 | 7,547 | 44,189 | 30,906 | 13 | 44 | 3,300 | 17,352 | 31,074 |
| 1968 | 76 | 2,798 | 6,140 | 14,718 | 6,259 | 7,980 | 48,235 | 33,996 | 18[r] | 69 | 3,363 | 19,045 | 34,141 |
| 1969 | 78 | 2,829 | 6,113 | 15,955 | 6,547 | 8,516 | 52,333 | 37,270 | 15 | 60 | 3,395 | 20,444 | 37,340 |
| 1970 | 72 | 2,427 | 5,237 | 14,609 | 5,643 | 8,834 | 47,030 | 32,553 | 12 | 50 | 2,958 | 19,163 | 32,853 |
| | Cement — Ciment | | | | | | | | | | | | |
| 1966 | 25 | 2,815 | 6,277 | 17,982 | 24,851 | 22,560 | 158,459 | 111,048 | – | – | 4,053 | 26,993 | 110,974 |
| 1967 | 24 | 2,654 | 5,860 | 17,456 | 21,889 | 21,038 | 143,423 | 100,496 | – | – | 3,972 | 27,389 | 100,294 |
| 1968 | 24 | 2,502 | 5,537 | 17,715 | 20,965 | 22,681 | 150,734 | 107,088 | – | – | 3,747 | 28,013 | 106,482 |
| 1969 | 25 | 2,499 | 5,477 | 19,181 | 21,869 | 25,568 | 164,958 | 117,521 | – | – | 3,778 | 30,409 | 116,977 |
| 1970 | 26 | 2,520 | 5,527 | 20,785 | 23,743 | 28,008 | 166,927 | 115,175 | – | – | 3,887 | 34,085 | 114,410 |
| | Lime — Chaux | | | | | | | | | | | | |
| 1966 | 13 | 626 | 1,408 | 3,119 | 2,782 | 2,439 | 14,046 | 8,825 | – | – | 785 | 4,077 | 9,049 |
| 1967 | 13 | 577 | 1,273 | 3,119 | 2,612 | 2,294 | 12,674 | 7,769 | – | – | 724 | 4,043 | 7,973 |
| 1968 | 11 | 536 | 1,185 | 3,102 | 2,837 | 2,502 | 13,912 | 8,573 | – | – | 662 | 4,018 | 8,505 |
| 1969 | 13 | 580 | 1,226 | 3,438 | 3,341 | 4,201 | 17,909 | 10,368 | – | – | 707 | 4,427 | 10,299 |
| 1970 | 13 | 525 | 1,105 | 3,282 | 4,706 | 4,259 | 20,212 | 11,248 | – | – | 660 | 4,433 | 11,501 |
| | Total | | | | | | | | | | | | |
| 1966 | 142 | 30,945 | 64,970 | 180,054 | 96,349 | 379,558 | 1,042,333 | 566,425 | 13 | 40 | 42,585 | 257,959 | 584,562 |
| 1967 | 139 | 32,076 | 68,687 | 203,623 | 95,375 | 379,631 | 1,062,301 | 587,295 | 13 | 44 | 42,760 | 285,124 | 602,662 |
| 1968 | 135 | 31,408 | 64,767 | 207,816 | 102,448 | 415,597 | 1,145,466 | 627,421 | 18[r] | 69 | 42,482 | 302,024 | 642,151 |
| 1969 | 140 | 29,848 | 60,734 | 206,356 | 101,369 | 438,533 | 1,217,535 | 677,633 | 15 | 60 | 41,256 | 308,482 | 692,054 |
| 1970 | 136 | 32,009 | 66,058 | 241,179 | 122,721 | 479,946 | 1,314,184 | 711,516 | 12 | 50 | 44,803 | 363,566 | 744,946 |

TABLE 12. Principal Statistics of the Mineral Industries, by Provinces, 1966-1970

TABLEAU 12. Statistiques principales des industries minières, par province, 1966-1970

| Year — Année | Establishments — Établissements | Mining activity — Activité minière: Production and related workers — Travailleurs de la production et connexes: Number — Nombre | Man-hours paid — Heures-hommes payées | Wages — Salaires | Cost of fuel and electricity(1) — Coût du combustible et de l'électricité(1) | Cost of materials and supplies(2) — Coût des matières et fournitures(2) | Value of production — Valeur de la production | Value added — Valeur ajoutée | Total activity — Activité totale: Working owners and partners — Propriétaires, associés actifs: Number — Nombre | Withdrawals — Retraits | Employees — Employés: Number — Nombre | Salaries and wages — Traitements et salaires | Value added — Valeur ajoutée |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. — nomb. | | '000 | $'000 | | | | | | $'000 | | $'000 | |
| | Newfoundland — Terre-Neuve | | | | | | | | | | | | |
| 1966 | 15 | 4,645 | 11,142 | 33,093 | 19,179 | 69,673 | 206,313 | 117,461 | x | x | 5,782 | 41,391 | 120,806 |
| 1967 | 16 | 4,555 | 11,367 | 34,527 | 21,661 | 64,711 | 219,504 | 133,132 | 3 | 7 | 5,533 | 42,604 | 136,856 |
| 1968 | 14 | 4,589 | 10,182 | 38,067 | 19,224 | 89,572 | 269,798 | 161,002 | 3 | 13 | 5,496 | 45,626 | 164,291 |
| 1969 | 15 | 4,204 | 9,351 | 39,022 | 17,029 | 76,703 | 254,445 | 160,713 | 4 | 12 | 5,105 | 47,769 | 162,993 |
| 1970 | 13 | 4,577 | 9,643 | 41,347 | 19,435 | 87,103 | 332,996 | 226,457 | – | – | 5,587 | 51,421 | 228,969 |
| | Prince Edward Island — Île-du-Prince-Édouard | | | | | | | | | | | | |
| 1966 | 1 | x | x | x | x | x | x | x | x | x | x | x | x |
| 1967 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1968 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1969 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 1970 | 1 | x | x | x | x | x | x | x | – | – | x | x | x |
| | Nova Scotia — Nouvelle-Écosse | | | | | | | | | | | | |
| 1966 | 37 | 6,190 | 13,142 | 27,883 | 2,879 | 13,232 | 70,034 | 53,923 | 7 | 18 | 7,712 | 35,973 | 53,997 |
| 1967 | 34 | 6,050 | 11,718 | 29,620 | 2,702 | 13,017 | 75,037 | 59,318 | 10 | 27 | 7,524 | 38,027 | 59,407 |
| 1968 | 29 | 5,646 | 10,548 | 29,554 | 2,656 | 18,399 | 75,454 | 54,399 | 5 | 13 | 7,013 | 37,744 | 54,400 |
| 1969 | 28 | 4,780 | 9,033 | 26,286 | 2,902 | 18,106 | 77,088 | 56,080 | 4 | 11 | 6,029 | 34,523 | 56,284 |
| 1970 | 27 | 4,103 | 8,036 | 25,271 | 2,918 | 17,727 | 79,143 | 58,498 | x | x | 5,412 | 33,943 | 58,506 |
| | New Brunswick — Nouveau-Brunswick | | | | | | | | | | | | |
| 1966 | 37 | 1,842 | 4,023 | 7,789 | 2,487 | 32,203 | 66,212 | 31,522 | – | – | 2,247 | 10,191 | 31,945 |
| 1967 | 41 | 1,943 | 4,037 | 8,808 | 2,722 | 36,645 | 74,380 | 35,013 | x | x | 2,300 | 11,168 | 35,222 |
| 1968 | 39 | 2,189 | 4,588 | 10,870 | 2,929 | 35,244 | 76,965 | 38,792 | x | x | 2,596 | 13,799 | 38,978 |
| 1969 | 35 | 2,000 | 4,206 | 11,049 | 2,770 | 36,952 | 80,726 | 41,004 | – | – | 2,405 | 14,092 | 41,162 |
| 1970 | 37 | 1,983 | 4,119 | 11,448 | 2,980 | 38,903 | 76,726 | 34,843 | – | – | 2,426 | 14,942 | 35,100 |
| | Québec | | | | | | | | | | | | |
| 1966 | 241 | 18,320 | 40,396 | 98,584 | 23,050 | 156,759 | 638,783 | 458,974 | 55 | 191 | 25,028 | 147,315 | 457,978 |
| 1967 | 237 | 17,750 | 39,241 | 102,366 | 23,392 | 149,890 | 622,281 | 448,999 | 57 | 221 | 24,188 | 153,431 | 499,230 |
| 1968 | 268 | 17,457 | 38,432 | 109,045 | 28,314 | 157,763 | 625,352 | 439,275 | 61 | 214 | 23,500 | 160,379 | 438,621 |
| 1969 | 266 | 17,241 | 38,125 | 114,987 | 27,039 | 151,516 | 666,771 | 488,216 | 49 | 191 | 23,400 | 169,583 | 486,575 |
| 1970 | 240 | 17,625 | 39,201 | 127,065 | 30,142 | 172,722 | 697,775 | 494,911 | 15 | 70 | 24,188 | 188,417 | 495,018 |
| | Ontario | | | | | | | | | | | | |
| 1966 | 327 | 26,406 | 53,793 | 143,858 | 21,208 | 265,505 | 786,649 | 499,935 | 62 | 312 | 31,582 | 184,226 | 505,874 |
| 1967 | 281 | 25,832 | 54,533 | 162,982 | 23,692 | 351,136 | 1,017,339 | 642,512 | 44 | 228 | 31,484 | 210,368 | 655,198 |
| 1968 | 290 | 26,696 | 57,259 | 181,866 | 28,704 | 386,135 | 1,137,836 | 722,997 | 37 | 157 | 32,826 | 236,640 | 728,279 |
| 1969 | 268 | 23,083 | 47,767 | 159,557 | 31,767 | 391,463 | 1,074,755 | 651,525 | 11 | 85 | 29,096 | 219,761 | 656,198 |
| 1970 | 252 | 26,459 | 55,781 | 210,944 | 35,005 | 523,027 | 1,399,216 | 841,184 | x | x | 33,308 | 284,543 | 847,581 |

See footnote(s) at end of table. — Voir renvoi(s) à la fin du tableau.

TABLE 12. Principal Statistics of the Mineral Industries, by Provinces, 1966-1970 — Concluded

TABLEAU 12. Statistiques principales des industries minières, par province, 1966-1970 — fin

| Year — Année | Establishments — Établissements | Mining Activity — Activité minière: Production and related workers — Travailleurs de la production et connexes: Number — Nombre | Man-hours paid — Heures-hommes payées | Wages — Salaires | Cost of fuel and electricity(1) — Coût du combustible et de l'électricité(1) | Cost of materials and supplies(2) — Coût des matières et fournitures(2) | Value of production — Valeur de la production | Value added — Valeur ajoutée | Total activity — Activité totale: Working owners and partners — Propriétaires, associés actifs: Number — Nombre | Withdrawals — Retraits | Employees — Employés: Number — Nombre | Salaries and wages — Traitements et salaires | Value added — Valeur ajoutée |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | No. — nomb. | | '000 | $'000 | | | | | | $'000 | | $'000 | |
| | | | | | | Manitoba | | | | | | | |
| 1966 | 79 | 3,431 | 7,233 | 21,848 | 1,872 | 40,842 | 140,148 | 97,434 | x | x | 4,475 | 29,847 | 99,980 |
| 1967 | 84 | 3,837 | 8,272 | 26,814 | 2,055 | 47,978 | 147,209 | 97,177 | x | x | 4,988 | 36,488 | 97,831 |
| 1968 | 85 | 4,084 | 8,446 | 30,729 | 2,087 | 55,787 | 171,400 | 113,527 | 3 | 10 | 5,229 | 41,357 | 113,758 |
| 1969 | 104 | 4,732 | 9,941 | 36,465 | 3,331 | 68,489 | 224,304 | 152,484 | — | — | 6,077 | 50,064 | 152,519 |
| 1970 | 86 | 5,137 | 10,887 | 44,779 | 3,426 | 75,031 | 293,691 | 215,234 | — | — | 6,538 | 59,442 | 215,454 |
| | | | | | | Saskatchewan | | | | | | | |
| 1966 | 156 | 2,655 | 5,700 | 17,022 | 10,581 | 26,145 | 344,121 | 307,395 | 4 | 19 | 3,993 | 26,921 | 308,856 |
| 1967 | 187 | 3,206 | 6,656 | 21,210 | 11,849 | 30,259 | 347,391 | 305,283 | 3 | 16 | 4,498 | 31,943 | 305,301 |
| 1968 | 191 | 3,404 | 7,152 | 24,098 | 13,590 | 30,965 | 344,907 | 300,352 | x | x | 4,724 | 35,807 | 299,349 |
| 1969 | 224 | 3,836 | 8,045 | 30,113 | 16,546 | 35,006 | 340,551 | 288,999 | — | — | 5,201 | 42,576 | 288,578 |
| 1970 | 215 | 3,820 | 8,085 | 29,857 | 17,535 | 36,641 | 371,734 | 317,559 | — | — | 5,180 | 42,690 | 319,756 |
| | | | | | | Alberta | | | | | | | |
| 1966 | 278 | 3,571 | 7,296 | 21,935 | 8,378 | 25,104 | 808,627 | 775,145 | 4 | 17 | 11,954 | 89,913 | 783,345 |
| 1967 | 285 | 3,770 | 7,668 | 25,443 | 8,747 | 27,996 | 935,052 | 898,310 | x | x | 12,745 | 105,615 | 904,907 |
| 1968 | 293 | 3,705 | 7,774 | 27,475 | 10,077r | 31,748 | 1,061,678 | 1,019,853 | — | — | 13,568 | 119,828 | 1,025,307 |
| 1969 | 324 | 3,852 | 7,876 | 30,760 | 12,200 | 33,627 | 1,154,431 | 1,108,604 | — | — | 14,182 | 135,627 | 1,113,288 |
| 1970 | 324 | 4,514 | 9,383 | 39,121 | 15,865 | 49,007 | 1,324,474 | 1,259,603 | — | — | 15,569 | 155,438 | 1,266,945 |
| | | | | | | British Columbia — Colombie-Britannique | | | | | | | |
| 1966 | 160 | 5,639 | 12,898 | 36,376 | 6,450 | 54,724 | 275,486 | 214,311 | 6 | 35 | 7,397 | 49,211 | 216,154 |
| 1967 | 190 | 5,913 | 12,558 | 42,816 | 7,560 | 63,390 | 311,650 | 240,700 | 4 | 8 | 7,645 | 56,751 | 241,091 |
| 1968 | 190 | 5,788 | 12,283 | 44,893 | 7,771 | 67,673 | 329,599 | 254,155 | 5 | 16 | 7,954 | 63,306 | 253,922 |
| 1969 | 181 | 5,830 | 12,492 | 48,648 | 8,270 | 78,808 | 400,344 | 313,266 | 3 | 22 | 8,223 | 68,820 | 313,168 |
| 1970 | 187 | 6,890 | 14,800 | 62,722 | 11,721 | 108,956 | 431,928 | 311,252 | — | — | 8,878 | 82,372 | 315,927 |
| | | | | | | Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay<br>Yukon, Territoires du Nord-Ouest, Îles de l'Arctique, large des côtes et Baie d'Hudson | | | | | | | |
| 1966 | 91 | x | x | x | x | x | x | x | x | x | x | x | x |
| 1967 | 123 | 1,374 | 3,130 | 10,904 | 3,184 | 21,554 | 81,964 | 57,226 | 17 | 41 | 1,773 | 14,283 | 58,182 |
| 1968 | 149 | 1,508 | 3,682 | 13,405 | 4,287 | 27,059 | 102,940 | 71,594 | 10 | 57 | 2,010 | 17,968 | 72,368 |
| 1969 | 241 | 1,810 | 4,236 | 16,820 | 5,145 | 40,684 | 127,222 | 81,393 | 9 | 41 | 2,370 | 22,023 | 84,547 |
| 1970 | 254 | x | x | x | x | x | x | x | x | x | x | x | x |
| | | | | | | Total | | | | | | | |
| 1966 | 1,422 | 74,195 | 158,156 | 419,496 | 98,867 | 706,109 | 3,417,868 | 2,612,891 | x | x | 102,063 | 629,232 | 2,636,524 |
| 1967 | 1,478 | 74,230 | 159,182 | 465,489 | 107,563 | 806,577 | 3,831,808 | 2,917,669 | 141 | 561 | 102,678 | 700,678 | 2,943,224 |
| 1968 | 1,548 | 75,066 | 160,346 | 510,003 | 119,640 | 900,344 | 4,195,930 | 3,175,945 | 127 | 493 | 104,916 | 772,453 | 3,189,271 |
| 1969 | 1,686 | 71,368 | 151,072 | 513,708 | 126,999 | 931,354 | 4,400,637 | 3,342,285 | 80 | 362 | 102,088 | 804,839 | 3,355,312 |
| 1970 | 1,636 | 77,208 | 164,835 | 614,084 | 146,049 | 1,167,456 | 5,164,921 | 3,851,416 | 30 | 143 | 109,929 | 942,057 | 3,876,889 |

(1) Excludes cost of fuel used in the Crude Petroleum and Natural Gas Industry. — Ne comprend pas le coût du combustible consommé dans l'industrie du pétrole brut et du gaz naturel.

(2) Includes cost of fuel used in the Crude Petroleum and Natural Gas Industry. — Comprend le coût du combustible consommé dans l'industrie du pétrole et du gaz naturel.

Note: Refer to Explanatory Notes, pages 4 and 5, for explanation of Concepts and Definitions. — Nota: Voir définitions aux pages 4 et 5, Notes explicatives.

TABLE 13. Employees and their Earnings in the Mineral Industry, by Industries, 1969 and 1970

TABLEAU 13. Employés et rémunérations dans l'industrie minière, par industrie, 1969 et 1970

| Industry — Industrie | Employees — Employés: Production and related workers — Travailleurs de la production et connexes: Mining — Mines M — H | F | Other — Autres M — H | F | Administrative and office — Administration et bureau M — H | F | Sales and distribution — Ventes et distribution M — H | F | Total M — H | F | Salaries and wages — Traitements et salaires: Production and related workers — Travailleurs de la production et connexes: Mining — Mines | Other — Autres | Administrative and office — Administration et bureau | Sales and distribution — Ventes et distribution | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | number — nombre | | | | | | | | | | $'000 | | | | |
| **1969** | | | | | | | | | | | | | | | |
| Metal mining — Mines métalliques | | | | | | | | | | | | | | | |
| Placer Gold — Placers d'or | 11 | 1 | — | — | 1 | — | — | — | 12 | 1 | 36 | — | -- | — | 36 |
| Gold quartz — Quartz aurifère | 6,918 | 29 | 12 | — | 1,147 | 102 | — | — | 8,077 | 131 | 39,112 | 78 | 9,615 | — | 48,805 |
| Copper-gold-silver — Cuivre-or-argent | 10,596 | 31 | 89 | 9 | 2,348 | 305 | — | — | 13,033 | 345 | 73,721 | 575 | 21,938 | — | 96,233 |
| Silver-cobalt — D'argent-cobalt | 429 | 1 | 1 | — | 73 | 8 | — | — | 503 | 9 | 2,599 | 5 | 572 | — | 3,176 |
| Silver-lead-zinc — D'argent-plomb-zinc | 4,727 | 45 | 29 | — | 1,058 | 96 | — | — | 5,814 | 141 | 34,191 | 252 | 10,037 | — | 44,480 |
| Nickel-copper — Nickel-cuivre | 12,422 | 3 | — | — | 2,696 | 180 | — | — | 15,118 | 183 | 94,999 | — | 33,204 | — | 128,203 |
| Iron — Fer | 7,048 | 10 | 589 | — | 2,350 | 493 | — | — | 9,987 | 503 | 66,960 | 6,138 | 28,192 | — | 101,290 |
| Miscellaneous metals — Métalliques diverses | 3,740 | 12 | 14 | — | 1,027 | 111 | — | — | 4,781 | 123 | 29,876 | 38 | 9,700 | — | 39,614 |
| Head offices, sales offices and auxiliary units — Sièges sociaux, bureaux de vente et unités auxiliaires | — | — | — | — | 1,331 | 458 | ... | ... | 1,331 | 458 | — | — | 17,412 | ... | 17,412 |
| Total | 45,891 | 132 | 734 | 9 | 12,031 | 1,753 | — | — | 58,656 | 1,894 | 341,495 | 7,086[r] | 130,670 | — | 479,251 |
| Non-metallics — Non métalliques | | | | | | | | | | | | | | | |
| Asbestos — Amiante | 5,808 | 47 | 20 | — | 1,119 | 205 | 26[r] | 17 | 6,973 | 269 | 45,781 | 204 | 12,185 | 387 | 58,557 |
| Feldspar and quartz — Feldspath et quartz | 314 | 2 | — | — | 66 | 5 | 1 | — | 381 | 7 | 1,880 | — | 561 | 5 | 2,447 |
| Gypsum — Gypse | 543 | 1 | — | — | 107 | 6 | — | — | 650 | 7 | 3,113 | — | 892 | — | 4,004 |
| Peat — Tourbe | 1,034 | 5 | 3 | — | 82 | 25 | 7 | — | 1,126 | 30 | 3,956 | 16 | 805 | 43 | 4,821 |
| Salt — Sel | 734 | 37 | — | — | 333 | 87 | 5 | — | 1,072 | 124 | 4,740 | — | 3,200 | 38 | 7,978 |
| Talc and soapstone — Talc et stéatite | 82 | — | 3 | — | 19 | 4 | — | — | 104 | 4 | 372 | 16 | 138 | — | 526 |
| Miscellaneous — Diverses | 2,753 | 1 | 28 | — | 702 | 91 | — | — | 3,483 | 92 | 20,462 | 216 | 7,229 | — | 27,[illegible] |
| Total | 11,268 | 93 | 54 | — | 2,428 | 423 | 39 | 17 | 13,789 | 533 | 80,305 | 452 | 25,010 | 473 | 106,[illegible] |
| Fuels — Combustibles | | | | | | | | | | | | | | | |
| Coal — Charbon | 5,866 | — | — | — | 1,411 | 94 | — | — | 7,277 | 94 | 34,178 | — | 10,560 | — | 44,[illegible] |
| Petroleum and natural gas — Pétrole et gaz naturel | 3,524 | 22 | — | — | 8,127 | 2,480 | — | — | 11,651 | 2,502 | 30,413 | — | 107,835 | — | 138,[illegible] |
| Total | 9,390 | 22 | — | — | 9,538 | 2,574 | — | — | 18,928 | 2,596 | 64,591 | — | 118,395 | — | 182,[illegible] |
| Structural materials — Matériaux de construction | | | | | | | | | | | | | | | |
| Sand and gravel — Sable et gravier | 1,899 | 3 | 18 | 1 | 337 | 115 | 62 | 5 | 2,316 | 124 | 11,822 | 161 | 4,079 | 487 | 16,549 |
| Stone — Pierre | 2,666 | 4 | 1 | — | 393 | 123 | 63 | 2 | 3,123 | 129 | 15,496 | 4 | 3,802 | 512 | 19,813 |
| Total | 4,565 | 7 | 19 | 1 | 730 | 238 | 125 | 7 | 5,439 | 253 | 27,317 | 164 | 7,881 | 999 | 36,362 |
| Mineral industry — Total — Industries minières | 71,114 | 254 | 807 | 10 | 24,727 | 4,988 | 164 | 24 | 96,812 | 5,276 | 513,708 | 7,703 | 281,956 | 1,472 | 804,839 |
| **1970** | | | | | | | | | | | | | | | |
| Metal mining — Mines métalliques | | | | | | | | | | | | | | | |
| Placer Gold — Placers d'or | 6 | 2 | — | — | 2 | — | — | — | 8 | 2 | 32 | — | 10 | — | 42 |
| Gold quartz — Quartz aurifère | 5,960 | 22 | — | — | 1,089 | 104 | — | — | 7,049 | 126 | 36,203 | 2 | 9,404 | — | 45,609 |
| Copper-gold-silver — Cuivre-or-argent | 11,782 | 44 | 91 | 11 | 3,085 | 537 | — | — | 14,958 | 592 | 90,980 | 471 | 33,548 | — | 124,998 |
| Silver-cobalt — D'argent-cobalt | 339 | — | 1 | — | 58 | 9 | — | — | 398 | 9 | 2,203 | 3 | 493 | — | 2,699 |
| Silver-lead-zinc — D'argent-plomb-zinc | 4,945 | 42 | 19 | — | 1,504 | 186 | — | — | 6,468 | 228 | 39,235 | 174 | 16,726 | — | 56,135 |
| Nickel-copper — Nickel-cuivre | 16,687 | 4 | 93 | — | 3,439 | 450 | 16 | 14 | 20,235 | 468 | 149,303 | 745 | 46,764 | 368 | 197,179 |
| Iron — Fer | 7,603 | 6 | 892 | 3 | 2,335 | 497 | — | — | 10,830 | 506 | 74,031 | 9,542 | 30,886 | — | 114,459 |
| Miscellaneous metals — Métalliques diverses | 3,649 | 11 | 6 | — | 943 | 104 | — | — | 4,598 | 115 | 29,906 | 66 | 9,452 | — | 39,424 |
| Head offices, sales offices and auxiliary units — Sièges sociaux, bureaux de vente et unités auxiliaires | — | — | — | — | (1) | (1) | ... | ... | (1) | (1) | — | — | (1) | ... | (1) |
| Total | 50,971 | 131 | 1,102 | 14 | 12,455 | 1,887 | 16 | 14 | 64,544 | 2,046 | 421,893 | 11,003 | 147,282 | 368 | 580,546 |
| Non-metallics — Non métalliques | | | | | | | | | | | | | | | |
| Asbestos — Amiante | 6,145 | 41 | 27 | — | 1,166 | 242 | 27 | 16 | 7,365 | 299 | 49,488 | 304 | 13,045 | 398 | 63,236 |
| Feldspar and quartz — Feldspath et quartz | 357 | 1 | — | — | 88 | 7 | — | — | 445 | 8 | 2,181 | — | 745 | — | 2,927 |
| Gypsum — Gypse | 562 | 1 | — | — | 100 | 8 | — | — | 662 | 9 | 3,401 | — | 882 | — | 4,282 |
| Peat — Tourbe | 1,067 | 4 | 8 | — | 86 | 25 | 5 | — | 1,166 | 29 | 4,215 | 19 | 789 | 56 | 5,079 |
| Salt — Sel | 841 | 26 | — | — | 337 | 93 | 16 | 5 | 1,194 | 124 | 6,207 | — | 3,397 | 201 | 9,805 |
| Talc and soapstone — Talc et stéatite | 71 | — | 3 | — | 20 | 4 | — | — | 94 | 4 | 342 | 15 | 158 | — | 516 |
| Miscellaneous — Diverses | 2,861 | 3 | 49 | — | 746 | 92 | — | — | 3,656 | 95 | 21,172 | 232 | 8,177 | — | 29,581 |
| Total | 11,904 | 76 | 87 | — | 2,543 | 471 | 48 | 21 | 14,582 | 568 | 87,007 | 570 | 27,193 | 655 | 115,425 |
| Fuels — Combustibles | | | | | | | | | | | | | | | |
| Coal — Charbon | 6,065 | — | — | — | 1,682 | 127 | — | — | 7,747 | 127 | 42,805 | — | 13,940 | — | 56,745 |
| Petroleum and natural gas — Pétrole et gaz naturel | 3,775 | 21 | — | — | 8,541 | 2,633 | — | — | 12,316 | 2,654 | 35,041 | — | 117,804 | — | 152,[illegible] |
| Total | 9,840 | 21 | — | — | 10,223 | 2,760 | — | — | 20,063 | 2,781 | 77,846 | — | 131,744 | — | 209,[illegible] |
| Structural materials — Matériaux de construction | | | | | | | | | | | | | | | |
| Sand and gravel — Sable et gravier | 1,780 | 2 | — | — | 338 | 111 | 88 | 3 | 2,206 | 116 | 11,815 | — | 4,261 | 708 | 16,[illegible] |
| Stone — Pierre | 2,479 | 4 | — | — | 357 | 111 | 70 | 2 | 2,906 | 117 | 15,523 | — | 3,604 | 585 | 19,[illegible] |
| Total | 4,259 | 6 | — | — | 695 | 222 | 158 | 5 | 5,112 | 233 | 27,338 | — | 7,866 | 1,293 | 36,[illegible] |
| Mineral industry — Total — Industries minières | 76,974 | 234 | 1,189 | 14 | 25,916 | 5,340 | 222 | 40 | 104,301 | 5,628 | 614,084 | 11,573 | 314,085 | 2,316 | 942,057 |

(1) Refer to Explanatory Notes, pages 4 and 5, for explanation of Concepts and Definitions. — Voir définitions aux pages 4 et 5, Notes explicatives.

TABLE 14. Employees and their Earnings in the Mineral Industry, by Provinces, 1969 and 1970

TABLEAU 14. Employés et rémunérations dans l'industrie minière, par province, 1969 et 1970

| Province | Employees — Employés | | | | | | | | | | Salaries and wages — Traitements et salaires | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Production and related workers — Travailleurs de la production et connexes | | | | Administrative and office — Administration et bureau | | Sales and distribution — Ventes et distribution | | Total | | Production and related workers — Travailleurs de la production et connexes | | Administrative and office — Administration et bureau | Sales and distribution — Ventes et distribution | Total |
| | Mining — Mines | | Other — Autres | | | | | | | | Mining — Mines | Other — Autres | | | |
| | M — H | F | M — H | F | M — H | F | M — H | F | M — H | F | | | | | |
| | number — nombre | | | | | | | | | | $'000 | | | | |
| **1969** | | | | | | | | | | | | | | | |
| Newfoundland — Terre-Neuve | 4,172 | 32 | — | — | 749 | 152 | — | — | 4,921 | 184 | 39,022 | — | 8,747 | — | 47,769 |
| Prince Edward Island — Île-du-Prince-Édouard | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Nova Scotia — Nouvelle-Écosse | 4,770 | 10 | — | — | 1,181 | 61 | 7 | — | 5,958 | 71 | 26,286 | — | 8,190 | 47 | 34,523 |
| New Brunswick — Nouveau-Brunswick | 2,000 | — | — | — | 369 | 35 | — | 1 | 2,369 | 36 | 11,049 | — | 3,041 | 3 | 14,092 |
| Québec | 17,195 | 46 | 661 | 3 | 4,557 | 854 | 67 | 17 | 22,480 | 920 | 114,987 | 6,354 | 47,562 | 680 | 169,583 |
| Ontario | 23,027 | 56 | 41 | 3 | 5,164 | 733 | 67 | 5 | 28,299 | 797 | 159,557 | 384 | 59,250 | 570 | 219,761 |
| Manitoba | 4,706 | 26 | — | — | 1,133 | 207 | 4 | 1 | 5,843 | 234 | 36,465 | — | 13,557 | 41 | 50,064 |
| Saskatchewan | 3,827 | 9 | 32 | — | 1,166 | 167 | — | — | 5,025 | 176 | 30,113 | 242 | 12,221 | — | 42,576 |
| Alberta | 3,824 | 28 | — | — | 7,884 | 2,434 | 12 | — | 11,720 | 2,462 | 30,760 | — | 104,778 | 89 | 135,627 |
| British Columbia — Colombie-Britannique | 5,804 | 26 | 23 | — | 2,087 | 276 | 7 | — | 7,921 | 302 | 48,648 | 211 | 19,920 | 41 | 68,820 |
| Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay — Yukon, Territoires du Nord-Ouest, Îles de L'Arctique, large des côtes et Baie d'Hudson | 1,789 | 21 | 50 | 4 | 437 | 69 | — | — | 2,276 | 94 | 16,820 | 512 | 4,691 | — | 22,023 |
| Total | 71,114 | 254 | 807 | 10 | 24,727 | 4,988 | 164 | 24 | 96,812 | 5,276 | 513,708 | 7,703 | 281,956 | 1,472 | 804,839 |
| **1970** | | | | | | | | | | | | | | | |
| Newfoundland — Terre-Neuve | 5,220 | 38 | — | — | 996 | 181 | 8 | 1 | 6,224 | 220 | 45,199 | — | 11,330 | 64 | 56,593 |
| Prince Edward Island — Île-du-Prince-Édouard | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Nova Scotia — Nouvelle-Écosse | 3,422 | — | — | — | 1,085 | 44 | 4 | — | 4,511 | 44 | 21,419 | — | 7,325 | 28 | 28,772 |
| New Brunswick — Nouveau-Brunswick | 1,982 | 1 | 4 | — | 406 | 33 | — | — | 2,392 | 34 | 11,448 | 7 | 3,488 | — | 14,942 |
| Québec | 17,592 | 33 | 972 | 6 | 4,589 | 897 | 78 | 21 | 23,231 | 957 | 127,065 | 9,834 | 50,665 | 853 | 188,417 |
| Ontario | 26,407 | 52 | 103 | 2 | 5,734 | 896 | 97 | 17 | 32,341 | 967 | 210,944 | 853 | 71,632 | 1,115 | 284,543 |
| Manitoba | 5,108 | 29 | 2 | — | 1,186 | 211 | 2 | — | 6,298 | 240 | 44,779 | 16 | 14,620 | 27 | 59,442 |
| Saskatchewan | 3,807 | 13 | 49 | — | 1,152 | 159 | — | — | 5,008 | 172 | 29,857 | 232 | 12,601 | — | 42,690 |
| Alberta | 4,489 | 25 | — | — | 8,425 | 2,610 | 19 | 1 | 12,933 | 2,636 | 39,121 | — | 116,190 | 128 | 155,438 |
| British Columbia — Colombie-Britannique | 6,864 | 26 | 13 | — | 1,740 | 221 | 14 | — | 8,631 | 247 | 62,722 | 122 | 19,427 | 101 | 82,372 |
| Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay — Yukon, Territoires du Nord-Ouest, Îles de l'Arctique, large des côtes et Baie d'Hudson | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| Total | 76,974 | 234 | 1,189 | 14 | 25,916 | 5,340 | 222 | 40 | 104,301 | 5,628 | 614,084 | 11,573 | 314,085 | 2,316 | 942,057 |

TABLE 15. Employees and their Earnings, by Provinces and by Mineral Classes, 1969 and 1970

TABLEAU 15. Employés et rémunérations, par province et par classe de minière, 1969 et 1970

| Year and province – Année et province | Metals – Métaux | | Non-metals – Non métaux | | Fuels – Combustibles | | Stone, sand and gravel – Pierre, sable et gravier | |
|---|---|---|---|---|---|---|---|---|
| | Employees – Employés | Salaries and wages – Traitements et salaires | Employees – Employés | Salaries and wages – Traitements et salaires | Employees – Employés | Salaries and wages – Traitements et salaires | Employees – Employés | Salaries and wages – Traitements et salaires |
| | no. – nomb. | $'000 | no. – nomb. | $'000 | no. – nomb. | $'000 | no. – nomb. | $'000 |
| 1969 | | | | | | | | |
| Newfoundland – Terre-Neuve | 4,316 | 42,409 | 783 | 5,345 | – | – | 6 | 15 |
| Prince Edward Island – Île-du-Prince-Édouard | – | – | – | – | – | – | – | – |
| Nova Scotia – Nouvelle-Écosse | – | – | 879 | 5,003 | 4,983 | 28,619 | 167 | 901 |
| New Brunswick – Nouveau-Brunswick | 1,545 | 9,923 | 269 | 1,075 | 484 | 2,613 | 107 | 482 |
| Québec | 14,203 | 104,916 | 7,063 | 52,742 | 15 | 140 | 2,119 | 11,786 |
| Ontario | 25,619 | 194,870 | 1,000 | 7,044 | 211 | 1,890 | 2,266 | 15,956 |
| Manitoba | 5,509 | 46,535 | 175 | 896 | 61 | 514 | 332 | 2,118 |
| Saskatchewan | 1,311 | 11,079 | 3,039 | 24,516 | 817 | 6,796 | 34 | 185 |
| Alberta | – | – | 123 | 691 | 13,839 | 133,438 | 220 | 1,497 |
| British Columbia – Colombie-Britannique | 6,078 | 51,554 | 738 | 6,270 | 966 | 7,575 | 441 | 3,421 |
| Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay – Yukon, Territoires du Nord-Ouest, Îles de l'Arctique, large des côtes et Baie d'Hudson | 1,969 | 17,964 | 253 | 2,658 | 148 | 1,401 | – | – |
| Total | 60,550 | 479,251 | 14,322 | 106,241 | 21,524 | 182,986 | 5,692 | 36,362 |
| 1970 | | | | | | | | |
| Newfoundland – Terre-Neuve | 4,577 | 44,401 | 991 | 6,942 | – | – | x | x |
| Prince Edward Island – Île-du-Prince-Édouard | – | – | – | – | – | – | x | x |
| Nova Scotia – Nouvelle-Écosse | – | – | 857 | 5,171 | 4,380 | 27,755 | 175 | 1,017 |
| New Brunswick – Nouveau-Brunswick | 1,744 | 11,718 | 253 | 1,048 | 314 | 1,637 | 115 | 538 |
| Québec | 15,013 | 121,861 | 7,266 | 54,913 | 15 | 116 | 1,894 | 11,528 |
| Ontario | 29,637 | 256,286 | 1,224 | 9,448 | 205 | 1,891 | 2,242 | 16,918 |
| Manitoba | 6,119 | 56,782 | 99 | 453 | 60 | 552 | 260 | 1,655 |
| Saskatchewan | 1,167 | 9,917 | 3,190 | 25,851 | 801 | 6,816 | 22 | 107 |
| Alberta | – | – | 146 | 952 | 16,179 | 152,546 | 244 | 1,940 |
| British Columbia – Colombie-Britannique | 5,986 | 55,784 | 814 | 7,400 | 1,710 | 16,496 | 368 | 3,692 |
| Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay – Yukon, Territoires du Nord-Ouest, Îles de l'Arctique, large des côtes et Baie d'Hudson | 2,347 | 23,796 | 310 | 3,247 | 180 | 1,780 | – | – |
| Total | 66,590 | 580,545 | 15,150 | 115,425 | 23,844 | 209,590 | 5,345 | 36,496 |

TABLE 16. Employees and their Earnings in the Selected Manufacturing Industries Related to Mining, by Industries, 1969 and 1970

TABLEAU 16. Employés et rémunérations pour certaines industries manufacturières se rapportant à l'industrie minière, par industrie, 1969 et 1970

| Industry — Industrie | Employees — Employés | | | | | | | | | | Salaries and wages — Traitements et salaires | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Production and related workers — Travailleurs de la production et connexes | | | | Administrative and office — Administration et bureau | | Sales and distribution — Ventes et distribution | | Total | | Production and related workers — Travailleurs de la production et connexes | | Administrative and office — Administration et bureau | Sales and distribution — Ventes et distribution | Total |
| | Manufacturing — Fabrication | | Other — Autres | | | | | | | | | | | | |
| | M — H | F | M — H | F | M — H | F | M — H | F | M — H | F | Manufacturing — Fabrication | Other — Autres | | | |
| | number — nombre | | | | | | | | | | $'000 | | | | |
| 1969 | | | | | | | | | | | | | | | |
| Smelting and refining — Fonte et affinage | 23,895 | 45 | 855 | 30 | 7,585 | 919 | 34 | 13 | 32,369 | 1,007 | 167,783 | 6,570 | 78,314 | 534 | 253,201 |
| Clay products — Produits de l'argile | 2,741 | 88 | 6 | — | 298 | 110 | 144 | 8 | 3,189 | 206 | 15,955 | 33 | 3,205 | 1,252 | 20,444 |
| Cement — Ciment | 2,498 | 1 | 44 | 10 | 767 | 181 | 232 | 45 | 3,541 | 237 | 19,181 | 291 | 8,638 | 2,300 | 30,409 |
| Lime — Chaux | 580 | — | — | — | 94 | 19 | 11 | 3 | 685 | 22 | 3,438 | — | 856 | 134 | 4,427 |
| Total | 29,714 | 134 | 905 | 40 | 8,744 | 1,229 | 421 | 69 | 39,784 | 1,472 | 206,356 | 6,893 | 91,013 | 4,219 | 308,482 |
| 1970 | | | | | | | | | | | | | | | |
| Smelting and refining — Fonte et affinage | 26,490 | 47 | 807 | 25 | 8,586 | 1,203 | 73 | 67 | 35,956 | 1,342 | 202,502 | 6,259 | 95,301 | 1,823 | 305,885 |
| Clay products — Produits de l'argile | 2,344 | 83 | 6 | 1 | 252 | 97 | 133 | 12 | 2,765 | 193 | 14,609 | 54 | 3,180 | 1,320 | 19,163 |
| Cement — Ciment | 2,519 | 1 | 46 | 13 | 815 | 215 | 235 | 43 | 3,615 | 272 | 20,785 | 324 | 10,486 | 2,490 | 34,085 |
| Lime — Chaux | 525 | — | — | — | 113 | 15 | 6 | 1 | 644 | 16 | 3,282 | — | 1,089 | 61 | 4,433 |
| Total | 31,878 | 131 | 859 | 39 | 9,796 | 1,530 | 447 | 123 | 42,980 | 1,823 | 241,179 | 6,637 | 110,056 | 5,694 | 363,566 |

TABLE 17. Employees and their Earnings in the Selected Manufacturing Industries Related to Mining, by Provinces and by Industries, 1969 and 1970

TABLEAU 17. Employés et rémunérations pour certaines industries manufacturières se rapportant à l'industrie minière, par province et par industrie, 1969 et 1970

| Year and province — Année et province | Smelting and refining — Fonte et affinage | | Clay products — Matériaux d'argile | | Cement — Ciment | | Lime — Chaux | |
|---|---|---|---|---|---|---|---|---|
| | Employees — Employés | Salaries and wages — Traitements et salaires | Employees — Employés | Salaries and wages — Traitements et salaires | Employees — Employés | Salaries and wages — Traitements et salaires | Employees — Employés | Salaries and wages — Traitements et salaires |
| | no. — nomb. | $'000 | no. — nomb. | $'000 | no. — nomb. | $'000 | no. — nomb. | $'000 |
| 1969 | | | | | | | | |
| Newfoundland — Terre-Neuve | — | — | x | x | x | x | — | — |
| Prince Edward Island — Île-du-Prince-Édouard | — | — | — | — | — | — | — | — |
| Nova Scotia — Nouvelle-Écosse | — | — | 125 | 578 | x | x | — | — |
| New Brunswick — Nouveau-Brunswick | x | x | x | x | x | x | x | x |
| Québec | 14,339 | 108,725 | 522 | 3,049 | 1,301 | 10,259 | 191 | 1,297 |
| Ontario | 9,717 | 71,001 | 2,042 | 12,442 | 1,141 | 9,187 | 352 | 2,268 |
| Manitoba | x | x | x | x | x | x | x | x |
| Saskatchewan | x | x | x | x | x | x | — | — |
| Alberta | x | x | 268 | 1,638 | 388 | 3,195 | x | x |
| British Columbia — Colombie-Britannique | x | x | 235 | 1,675 | x | x | x | x |
| Yukon and Northwest Territories — Yukon et Territoires du Nord-Ouest | — | — | — | — | — | — | — | — |
| Total | 33,376 | 253,201 | 3,395 | 20,444 | 3,778 | 30,409 | 707 | 4,427 |
| 1970 | | | | | | | | |
| Newfoundland — Terre-Neuve | — | — | — | — | x | x | — | — |
| Prince Edward Island — Île-du-Prince-Édouard | — | — | — | — | — | — | — | — |
| Nova Scotia — Nouvelle-Écosse | — | — | 136 | 682 | x | x | — | — |
| New Brunswick — Nouveau-Brunswick | x | x | x | x | x | x | — | — |
| Québec | 15,575 | 125,801 | 399 | 2,324 | 1,417 | 12,358 | 181 | 1,218 |
| Ontario | 12,635 | 105,301 | 1,801 | 11,882 | 1,135 | 9,817 | 347 | 2,422 |
| Manitoba | x | x | x | x | x | x | x | x |
| Saskatchewan | x | x | x | x | x | x | — | — |
| Alberta | x | x | 239 | 1,598 | 377 | 3,393 | x | x |
| British Columbia — Colombie-Britannique | 5,691 | 47,050 | 230 | 1,821 | 389 | 3,795 | x | x |
| Yukon and Northwest Territories — Yukon et Territoires du Nord-Ouest | — | — | — | — | — | — | — | — |
| Total | 37,298 | 305,885 | 2,958 | 19,163 | 3,887 | 34,085 | 660 | 4,433 |

TABLE 18. Wage-earners on the Surface, Underground and in the Mill, 1969 and 1970

TABLEAU 18. Travailleurs en surface, sous terre et à l'usine, 1969 et 1970

| Year and province – Année et province | Metal mines – Mines métalliques | | | Non-metallics – Non métalliques | | | Fuels – Combustibles | | Stone, sand and gravel – Pierre, sable et gravier | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Surface – À la surface | Underground – Sous terre | Mill – Usine | Surface – À la surface | Underground – Sous terre | Mill – Usine | Surface – À la surface | Underground – Sous terre | Surface – À la surface | Mill – Usine |
| | number – nombre | | | | | | | | | |
| **1969** | | | | | | | | | | |
| Newfoundland – Terre-Neuve | 1,777 | 597 | 1,141 | 366 | 165 | 152 | – | – | 6 | – |
| Prince Edward Island – Île-du-Prince-Édouard | – | – | – | – | – | – | – | – | – | – |
| Nova Scotia – Nouvelle-Écosse | – | – | – | 397 | 94 | 209 | – | 3,946 | 134 | – |
| New Brunswick – Nouveau-Brunswick | 433 | 447 | 337 | 149 | – | 94 | 331 | 116 | 60 | 33 |
| Québec | 2,767 | 4,699 | 2,395 | 1,934 | 395 | 3,298 | – | – | 1,348 | 405 |
| Ontario | 5,035 | 11,961 | 3,404 | 222 | 250 | 333 | 131 | – | 1,626 | 121 |
| Manitoba | 972 | 2,471 | 820 | 35 | 19 | 97 | 30 | – | 202 | 86 |
| Saskatchewan | 165 | 552 | 244 | 180 | 894 | 1,207 | 568 | – | 26 | – |
| Alberta | – | – | – | 16 | – | 82 | 2,844 | 750 | 160 | – |
| British Columbia – Colombie-Britannique | 1,402 | 1,782 | 1,096 | 198 | – | 364 | 315 | 308 | 280 | [illegible] |
| Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay – Yukon, Territoires du Nord-Ouest, Îles de l'Arctique, large des côtes et Baie d'Hudson | 718 | 487 | 321 | 42 | – | 169 | 73 | – | – | – |
| Total | 13,269 | 22,996 | 9,758 | 3,539 | 1,817 | 6,005 | 4,292 | 5,120 | 3,842 | 730 |
| **1970** | | | | | | | | | | |
| Newfoundland – Terre-Neuve | 1,902 | 578 | 1,196 | 488 | 189 | 206 | – | – | x | x |
| Prince Edward Island – Île-du-Prince-Édouard | – | – | – | – | – | – | – | – | x | x |
| Nova Scotia – Nouvelle-Écosse | – | – | – | 404 | 90 | 187 | – | 3,279 | 142 | 1 |
| New Brunswick – Nouveau-Brunswick | 508 | 502 | 368 | 115 | – | 108 | 205 | 82 | 87 | 8 |
| Québec | 2,650 | 4,758 | 2,872 | 1,964 | 417 | 3,394 | – | – | 1,236 | 334 |
| Ontario | 5,877 | 13,955 | 3,753 | 303 | 306 | 389 | 134 | – | 1,666 | 76 |
| Manitoba | 1,178 | 2,699 | 922 | 35 | 18 | 37 | 33 | – | 158 | 57 |
| Saskatchewan | 102 | 452 | 287 | 182 | 934 | 1,249 | 596 | – | 18 | – |
| Alberta | – | – | – | 35 | – | 81 | 3,178 | 1,050 | 165 | 5 |
| British Columbia – Colombie-Britannique | 1,607 | 1,846 | 1,291 | 233 | – | 399 | 866 | 359 | 214 | 75 |
| Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay – Yukon, Territoires du Nord-Ouest, Îles de l'Arctique, large des côtes et Baie d'Hudson | 900 | 527 | 372 | 50 | – | 167 | 79 | – | – | – |
| Total | 14,724 | 25,317 | 11,061 | 3,809 | 1,954 | 6,217 | 5,091 | 4,770 | 3,706 | 559 |

TABLE 19. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and by Industries, 1969

| No. | Industry | | Bituminous coal — Charbon bitumineux: Canadian — Canadien | Bituminous coal — Charbon bitumineux: Imported — Importé | Sub-bituminous coal — Charbon sous-bitumineux | Anthracite coal — Charbon anthracite | Lignite coal — Charbon lignite | Coke | Gasoline — Essence | Fuel oil and kerosene — Huile de chauffage et kérosène | Wood — Bois | Gas — Gaz: Liquified petroleum — Gaz de pétrole liquéfiés |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | tons — tonnes | | | | | | Imperial gals. — gall. | | cords — cordes | Imperial gals. — gall. |
| | **Metal mines** | | | | | | | | | | | |
| 1 | Placer gold | | — | — | — | — | — | — | — | — | — | — |
| 2 | | $'000 | — | — | — | — | — | — | — | — | — | — |
| 3 | Gold-quartz | | 16 | 4,303 | — | 14 | — | — | 216,446 | 2,963,867 | 9 | 196,746 |
| 4 | | $'000 | -- | 86 | — | -- | — | — | 100 | 506 | -- | 41 |
| 5 | Copper-gold-silver | | 904 | 823 | — | 34 | — | 36 | 1,199,826 | 14,218,242 | — | 2,068,373 |
| 6 | | $'000 | 16 | 15 | — | 1 | — | 1 | 483 | 2,749 | — | 313 |
| 7 | Silver-cobalt | | — | 203 | — | — | — | — | 35,013 | 250,046 | — | 866 |
| 8 | | $'000 | — | 6 | — | — | — | — | 17 | 49 | — | -- |
| 9 | Silver-lead-zinc | | 7,835 | 1,792 | — | — | 135 | — | 667,918 | 9,679,695 | — | 153,563 |
| 10 | | $'000 | 89 | 34 | — | — | 2 | — | 266 | 1,667 | — | 34 |
| 11 | Nickel-copper | | — | 5,076 | — | — | — | — | 268,599 | 7,414,172 | — | 570,847 |
| 12 | | $'000 | — | 82 | — | — | — | — | 102 | 1,090 | — | 84 |
| 13 | Iron | | — | 669 | — | — | — | 1,995 | 1,394,617 | 109,640,042 | — | 58,286 |
| 14 | | $'000 | — | 11 | — | — | — | 21 | 538 | 11,559 | — | 18 |
| 15 | Miscellaneous | | — | 44,480 | — | 10 | — | 11 | 459,000 | 7,208,882 | 24 | 636,702 |
| 16 | | $'000 | — | 721 | — | 1 | — | 1 | 160 | 1,367 | 1 | 93 |
| 17 | Total | | 8,755 | 57,346 | — | 58 | 135 | 2,042 | 4,241,419 | 151,374,946 | 33 | 3,685,383 |
| 18 | | $'000 | 105 | 955 | — | 2 | 2 | 24 | 1,667 | 18,987 | 1 | 583 |
| | **Non-metal mines** | | | | | | | | | | | |
| 19 | Asbestos | | 3,933 | — | — | — | — | — | 794,111 | 36,779,853 | 1,439 | 134,305 |
| 20 | | $'000 | 65 | — | — | — | — | — | 322 | 6,715 | 25 | 50 |
| 21 | Feldspar, quartz, nepheline syenite. | | — | — | — | — | — | — | 124,861 | 1,723,401 | — | 5,555 |
| 22 | | $'000 | — | — | — | — | — | — | 51 | 238 | — | 1 |
| 23 | Gypsum | | — | 8,487 | — | — | — | — | 97,416 | 1,236,287 | — | 500 |
| 24 | | $'000 | — | 128 | — | — | — | — | 27 | 213 | — | -- |
| 25 | Peat | | — | — | — | — | 1,175 | — | 437,630 | 500,431 | 45 | 16,932 |
| 26 | | $'000 | — | — | — | — | 5 | — | 161 | 101 | -- | 6 |
| 27 | Salt | | 6,777 | 12,517 | — | — | — | — | 27,691 | 6,836,301 | — | 15,249 |
| 28 | | $'000 | 70 | 150 | — | — | — | — | 9 | 553 | — | 5 |
| 29 | Talc, soapstone | | 2 | — | — | — | — | — | 23,448 | 66,392 | — | 105 |
| 30 | | $'000 | -- | — | — | — | — | — | 7 | 15 | — | -- |
| 31 | Miscellaneous | | 4 | — | — | — | 29,137 | — | 279,438 | 4,298,930 | — | 41,542 |
| 32 | | $'000 | -- | — | — | — | 112 | — | 101 | 456 | — | 7 |
| 33 | Total | | 10,716 | 21,004 | — | — | 30,312 | — | 1,784,595 | 51,441,595 | 1,484 | 214,188 |
| 34 | | $'000 | 135 | 278 | — | — | 117 | — | 680 | 8,291 | 26 | 70 |
| | **Mineral fuels** | | | | | | | | | | | |
| 35 | Coal | | — | — | — | — | — | 126 | 964,650 | 2,103,215 | — | 142,765 |
| 36 | | $'000 | — | — | — | — | — | 3 | 323 | 392 | — | 18 |
| 37 | Petroleum, natural gas(1) | | — | — | — | — | — | — | — | — | — | — |
| 38 | | $'000 | — | — | — | — | — | — | — | — | — | — |
| 39 | Total | | — | — | — | — | — | 126 | 964,650 | 2,103,215 | — | 142,765 |
| 40 | | $'000 | — | — | — | — | — | 3 | 323 | 392 | — | 18 |
| | **Structural materials** | | | | | | | | | | | |
| 41 | Sand and gravel | | — | — | — | — | — | 8 | 3,949,449 | 5,417,400 | — | 18,153 |
| 42 | | $'000 | — | — | — | — | — | -- | 1,445 | 1,061 | — | 4 |
| 43 | Stone | | 198 | — | — | — | — | 85 | 2,263,522 | 14,152,717 | 9 | 32,261 |
| 44 | | $'000 | 2 | — | — | — | — | 2 | 894 | 2,006 | -- | 7 |
| 45 | Total | | 198 | — | — | — | — | 93 | 6,212,971 | 19,570,117 | 9 | 50,414 |
| 46 | | $'000 | 2 | — | — | — | — | 2 | 2,339 | 3,067 | -- | 11 |
| 47 | Total, mineral industries | | 19,669 | 78,350 | — | 58 | 30,447 | 2,261 | 13,203,635 | 224,489,873 | 1,526 | 4,092,750 |
| 48 | | $'000 | 242 | 1,233 | — | 2 | 120 | 29 | 5,009 | 30,737 | 26 | 682 |

(1) Excludes cost of fuel used in the Crude Petroleum and Natural Gas Industry.

TABLEAU 19. Combustible et électricité consommés par l'industrie minière au Canada, par espèce et par industrie, 1969

| Gas — Gaz: Manufactured — Gaz d'usine | Gas — Gaz: Natural — Gaz naturel | Other fuel — Autre combustible | Small establishments not reporting commodity detail — Petits établissements ne déclarant pas les produits en détail | Electricity purchased — Électricité achetée | Steam purchased — Vapeur achetée | Total | Electricity generated — Électricité produite: For own use — Pour propre usage | Electricity generated — Électricité produite: For sale — Pour la vente | Industrie | N° |
|---|---|---|---|---|---|---|---|---|---|---|
| Mcf. — Mpc. | | $'000 | | kwh. — kWh | pounds — livres | $'000 | kwh. — kWh | | | |
| | | | | | | | | | **Mines métalliques** | |
| — | — | — | ... | — | — | ... | — | — | Placers d'or ..... | 1 |
| — | — | — | 13 | — | — | 13 | — | — | $'000 | 2 |
| .. | 145,799 | .. | — | 666,656,324 | — | ... | 29,356,050 | 891,157 | Quartz aurifère ..... | 3 |
| 6 | 95 | 13 | — | 4,465 | — | 5,314 | .. | .. | $'000 | 4 |
| .. | 805,257 | .. | — | 1,440,771,033 | — | ... | 118,035,182 | 1,489,643 | Cuivre-or-argent ..... | 5 |
| 2 | 445 | 44 | — | 9,482 | — | 13,550 | .. | .. | $'000 | 6 |
| .. | — | .. | — | 20,796,951 | — | ... | 33,800 | — | Argent-cobalt ..... | 7 |
| 33 | — | 5 | — | 207 | — | 317 | .. | — | $'000 | 8 |
| — | 246,072 | .. | — | 672,753,110 | — | ... | 12,871,450 | 18,000 | Argent-plomb-zinc ..... | 9 |
| — | 89 | 13 | — | 5,252 | — | 7,446 | .. | .. | $'000 | 10 |
| — | 764,640 | .. | — | 1,031,739,393 | — | ... | 64,221,400 | 4,975,000 | Nickel-cuivre ..... | 11 |
| — | 328 | 1 | — | 6,641 | — | 8,329 | .. | .. | $'000 | 12 |
| .. | 7,877,690 | — | — | 2,716,423,362 | — | ... | 69,905,255 | 81,922,440 | Fer ..... | 13 |
| -- | 3,642 | — | — | 16,353 | — | 32,143 | .. | .. | $'000 | 14 |
| — | 31,283 | .. | ... | 524,355,165 | — | ... | 85,485,383 | 7,107,600 | Mines métalliques diverses .... | 15 |
| — | 25 | 3 | 9 | 3,602 | — | 5,982 | .. | .. | $'000 | 16 |
| .. | 9,870,741 | .. | ... | 7,073,495,338 | — | ... | 379,908,520 | 96,403,840 | Total ..... | 17 |
| 41 | 4,624 | 79 | 22 | 46,002 | — | 73,094 | .. | .. | $'000 | 18 |
| | | | | | | | | | **Mines non métalliques** | |
| — | 3,872 | .. | — | 612,271,833 | — | ... | 42,297,940 | — | Amiante ..... | 19 |
| — | 3 | -- | — | 4,129 | — | 11,310 | .. | — | $'000 | 20 |
| | | | | | | | | | Feldspath, quartz et syénite néphélinique. | 21 |
| — | 22,136 | — | — | 36,928,448 | — | ... | — | — | $'000 | 22 |
| — | 7 | — | — | 328 | — | 625 | — | — | Gypse ..... | 23 |
| — | — | — | — | 24,382,610 | — | ... | — | — | $'000 | 24 |
| — | — | — | — | 339 | — | 706 | — | — | Tourbe ..... | 25 |
| — | 209,229 | — | — | 9,267,418 | — | ... | — | — | $'000 | 26 |
| — | 89 | — | — | 146 | — | 508 | — | — | Sel ..... | 27 |
| — | 1,309,015 | — | — | 40,527,246 | — | ... | 14,658,540 | — | $'000 | 28 |
| — | 156 | — | — | 400 | — | 1,343 | .. | — | Talc, stéatite ..... | 29 |
| .. | — | — | — | 2,896,683 | — | ... | — | — | $'000 | 30 |
| -- | — | — | — | 49 | — | 71 | — | — | Mines non métalliques diversee | 31 |
| — | 16,020,990 | — | — | 591,179,458 | — | ... | 114,628,180[r] | — | $'000 | 32 |
| — | 4,444 | — | — | 4,925 | — | 10,047 | .. | — | | |
| .. | 17,565,242 | .. | — | 1,317,453,696 | — | ... | 171,584,660[r] | — | Total ..... | 33 |
| -- | 4,699 | -- | — | 10,315 | — | 24,611 | .. | — | $'000 | 34 |
| | | | | | | | | | **Combustibles** | |
| — | 7,002 | — | — | 208,851,162 | — | ... | — | — | Charbon ..... | 35 |
| — | 3 | — | — | 2,766 | — | 3,505 | — | — | $'000 | 36 |
| — | — | — | — | 1,056,268,596 | — | ... | — | — | Pétrole et gaz naturel(1) ..... | 37 |
| — | — | — | — | 17,478 | — | 17,478 | — | — | $'000 | 38 |
| — | 7,002 | — | — | 1,265,119,758 | — | ... | — | — | Total ..... | 39 |
| — | 3 | — | — | 20,244 | — | 20,983 | — | — | $'000 | 40 |
| | | | | | | | | | **Matériaux de construction** | |
| .. | 43,811 | — | ... | 34,562,753 | — | ... | 524,850 | — | Sable et gravier ..... | 41 |
| 1 | 7 | — | 374 | 559 | — | 3,452 | .. | — | $'000 | 42 |
| — | 159,009 | — | ... | 120,587,426 | — | ... | 930,000 | — | Pierre ..... | 43 |
| — | 68 | — | 27 | 1,853 | — | 4,859 | .. | — | $'000 | 44 |
| .. | 202,820 | — | ... | 155,150,179 | — | ... | 1,454,850 | — | Total ..... | 45 |
| 1 | 75 | — | 401 | 2,413 | — | 8,311 | .. | — | $'000 | 46 |
| .. | 27,645,805 | .. | ... | 9,811,218,971 | — | ... | 552,948,030[r] | 96,403,840 | Total, toutes industries minières. | 47 |
| 42 | 9,402 | 79 | 423 | 78,974 | — | 126,999 | .. | .. | $'000 | 48 |

(1) Ne comprend pas le coût du combustible consommé dans l'industrie du pétrole brut et du gaz naturel.

TABLE 20. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and by Industries, 1970

| No. | Industry | | Bituminous coal — Charbon bitumineux: Canadian — Canadien | Bituminous coal — Charbon bitumineux: Imported — Importé | Sub-bituminous coal — Charbon sous-bitumineux | Anthracite coal — Charbon anthracite | Lignite coal — Charbon lignite | Coke | Gasoline — Essence | Fuel oil and kerosene — Huile de chauffage et kérosène | Wood — Bois | Gas — Gaz: Liquified petroleum — Gaz de pétrole liquéfiés |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | tons — tonnes | | | | | | Imperial gals. — gall. | | cords — cordes | Imperial gals. — gall. |
| | **Metal mines** | | | | | | | | | | | |
| 1 | Placer gold | | — | — | — | — | — | — | — | — | — | — |
| 2 | | $'000 | — | — | — | — | — | — | — | — | — | — |
| 3 | Gold-quartz | | — | 3,170 | — | 3 | — | — | 169,912 | 2,983,846 | — | 249,232 |
| 4 | | $'000 | — | 75 | — | -- | — | — | 77 | 547 | — | 119 |
| 5 | Copper-gold-silver | | 928 | 740 | — | 9 | — | 80 | 1,508,655 | 20,271,228 | — | 2,223,210 |
| 6 | | $'000 | 15 | 12 | — | -- | — | 3 | 620 | 3,785 | — | 354 |
| 7 | Silver-cobalt | | — | 91 | — | — | — | — | 31,327 | 240,045 | — | 310 |
| 8 | | $'000 | — | 3 | — | — | — | — | 15 | 49 | — | -- |
| 9 | Silver-lead-zinc | | 15,679 | 916 | — | — | — | — | 834,251 | 12,175,461 | — | 121,252 |
| 10 | | $'000 | 221 | 18 | — | — | — | — | 316 | 2,107 | — | 28 |
| 11 | Nickel-copper | | — | 4,482 | — | — | — | — | 379,101 | 9,248,038 | — | 980,053 |
| 12 | | $'000 | — | 78 | — | — | — | — | 121 | 1,363 | — | 120 |
| 13 | Iron | | — | 936 | — | — | — | 2,034 | 1,643,718 | 131,639,502 | — | 62,511 |
| 14 | | $'000 | — | 13 | — | — | — | 22 | 670 | 14,236 | — | 19 |
| 15 | Miscellaneous | | — | 37,833 | — | 7 | — | 8 | 533,839 | 8,424,025 | 38 | 765,914 |
| 16 | | $'000 | — | 659 | — | -- | — | 1 | 172 | 1,583 | 1 | 134 |
| 17 | Total | | 16,607 | 48,168 | — | 19 | — | 2,122 | 5,100,803 | 184,982,145 | 38 | 4,402,482 |
| 18 | | $'000 | 236 | 858 | — | 1 | — | 26 | 1,991 | 23,670 | 1 | 773 |
| | **Non-metal mines** | | | | | | | | | | | |
| 19 | Asbestos | | 3,949 | — | — | — | — | — | 818,839 | 38,395,967 | — | 128,802 |
| 20 | | $'000 | 74 | — | — | — | — | — | 329 | 7,424 | — | 48 |
| 21 | Feldspar, quartz, nepheline syenite. | | — | — | — | — | — | — | 121,513 | 1,719,739 | — | 13,510 |
| 22 | | $'000 | — | — | — | — | — | — | 50 | 239 | — | 2 |
| 23 | Gypsum | | — | 7,021 | — | — | — | — | 69,703 | 1,342,374 | — | 1,738 |
| 24 | | $'000 | — | 133 | — | — | — | — | 28 | 239 | — | 1 |
| 25 | Peat | | — | — | — | — | 1,150 | — | 459,974 | 474,672 | 44 | 18,397 |
| 26 | | $'000 | — | — | — | — | 5 | — | 163 | 96 | -- | 6 |
| 27 | Salt | | 5,928 | 4,694 | — | — | — | — | 30,829 | 7,031,639 | — | 45,758 |
| 28 | | $'000 | 64 | 61 | — | — | — | — | 11 | 600 | — | 17 |
| 29 | Talc, soapstone | | — | — | — | — | — | — | 24,945 | 71,669 | — | 4,448 |
| 30 | | $'000 | — | — | — | — | — | — | 8 | 15 | — | 1 |
| 31 | Miscellaneous | | 5 | — | — | — | 21,031 | — | 272,129 | 5,259,239 | — | 125,359 |
| 32 | | $'000 | -- | — | — | — | 91 | — | 107 | 513 | — | 28 |
| 33 | Total | | 9,882 | 11,175 | — | — | 22,181 | — | 1,797,932 | 54,295,299 | 44 | 338,012 |
| 34 | | $'000 | 138 | 194 | — | — | 96 | — | 696 | 9,126 | -- | 103 |
| | **Mineral fuels** | | | | | | | | | | | |
| 35 | Coal | | — | — | — | — | — | 136 | 1,647,767 | 6,407,499 | — | 587,200 |
| 36 | | $'000 | — | — | — | — | — | 3 | 506 | 1,183 | — | 64 |
| 37 | Petroleum, natural gas(1) | | — | — | — | — | — | — | — | — | — | — |
| 38 | | $'000 | — | — | — | — | -- | — | — | — | — | — |
| 39 | Total | | — | — | — | — | — | 136 | 1,647,767 | 6,407,499 | — | 587,200 |
| 40 | | $'000 | — | — | — | — | — | 3 | 506 | 1,183 | — | 64 |
| | **Structural materials** | | | | | | | | | | | |
| 41 | Sand and gravel | | — | — | — | — | — | — | 3,904,284 | 4,831,988 | — | 22,715 |
| 42 | | $'000 | — | — | — | — | — | — | 1,419 | 1,158 | — | 6 |
| 43 | Stone | | 562 | — | — | — | — | — | 2,450,839 | 5,880,848 | 42 | 62,592 |
| 44 | | $'000 | 6 | — | — | — | — | — | 946 | 1,289 | -- | 9 |
| 45 | Total | | 562 | — | — | — | — | — | 6,355,123 | 10,712,836 | 42 | 85,307 |
| 46 | | $'000 | 6 | — | — | — | — | — | 2,366 | 2,447 | -- | 15 |
| 47 | Total, mineral industries | | 27,051 | 59,883 | — | 19 | 22,181 | 2,258 | 14,901,625 | 256,397,779 | 124 | 5,413,001 |
| 48 | | $'000 | 380 | 1,052 | — | 1 | 96 | 29 | 5,558 | 36,426 | 2 | 957 |

(1) Excludes cost of fuel used in the Crude Petroleum and Natural Gas Industry.

TABLEAU 20. Combustible et électricité consommés par industrie minière au Canada, par espèce et par industrie, 1974

| Gas – Gaz: Manufactured – Gaz d'usine | Gas – Gaz: Natural – Gaz naturel | Other fuel – Autre combustible | Small establishments not reporting commodity detail – Petits établissements ne déclarant pas les produits en détail | Electricity purchased – Électricité achetée | Steam purchased – Vapeur achetée | Total | Electricity generated – Électricité produite: For own use – Pour propre usage | Electricity generated – Électricité produite: For sale – Pour la vente | | Industrie | N° |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mcf. – Mpc. | | $'000 | | kwh. – kWh | pounds – livres | $'000 | kwh. – kWh | | | | |
| | | | | | | | | | | **Mines métalliques** | |
| – | – | – | ... | – | – | ... | – | – | | Placers d'or ..... | 1 |
| – | – | – | 21 | – | – | 21 | – | – | $'000 | | 2 |
| – | 142,601 | .. | – | 573,360,375 | – | ... | 27,286,989 | 2,248,277 | | Quartz aurifère ..... | 3 |
| – | 98 | 9 | – | 4,519 | – | 5,444 | .. | .. | $'000 | | 4 |
| – | 968,392 | .. | – | 1,688,461,546 | .. | ... | 130,517,227 | 1,512,240 | | Cuivre-or-argent ..... | 5 |
| – | 470 | 35 | – | 10,556 | 113 | 15,964 | .. | .. | $'000 | | 6 |
| .. | – | .. | – | 12,036,666 | – | ... | 33,800 | – | | Argent-cobalt ..... | 7 |
| 21 | – | 2 | – | 162 | – | 251 | .. | – | $'000 | | 8 |
| – | 260,574 | .. | – | 735,916,017 | – | ... | 7,861,733 | 18,000 | | Argent-plomb-zinc ..... | 9 |
| – | 94 | 176 | – | 5,913 | – | 8,873 | .. | .. | $'000 | | 10 |
| – | 1,148,393 | – | – | 1,383,938,313 | – | ... | 48,042,539 | 2,627,461 | | Nickel-cuivre ..... | 11 |
| – | 595 | – | – | 8,807 | – | 11,085 | .. | .. | $'000 | | 12 |
| .. | 8,919,149 | – | – | 3,064,944,285 | – | ... | 76,525,000 | 81,311,810 | | Fer ..... | 13 |
| 1 | 4,136 | – | – | 18,524 | – | 37,621 | .. | .. | $'000 | | 14 |
| .. | 75,625 | .. | – | 536,072,686 | – | ... | 74,757,024 | 6,363,096 | | Mines métalliques diverses .... | 15 |
| 1 | 58 | 4 | – | 3,776 | – | 6,389 | .. | .. | $'000 | | 16 |
| .. | 11,514,734 | .. | ... | 7,994,729,888 | .. | ... | 365,024,312 | 94,080,884 | | Total ..... | 17 |
| 23 | 5,452 | 226 | 21 | 52,257 | 113 | 85,648 | .. | .. | $'000 | | 18 |
| | | | | | | | | | | **Mines non métalliques** | |
| – | 8,000 | – | – | 642,611,785 | – | ... | 46,654,400 | – | | Amiante ..... | 19 |
| – | 4 | – | – | 4,507 | – | 12,386 | .. | – | $'000 | | 20 |
| – | 14,518 | – | – | 43,143,753 | – | ... | – | – | | Feldspath, quartz et syénite néphélinique. | 21 |
| – | 5 | – | – | 378 | – | 674 | – | – | $'000 | | 22 |
| – | – | – | – | 21,877,905 | – | ... | – | – | | Gypse ..... | 23 |
| – | – | – | – | 320 | – | 721 | – | – | $'000 | | 24 |
| – | 272,795 | – | – | 10,230,227 | – | ... | – | – | | Tourbe ..... | 25 |
| – | 120 | – | – | 161 | – | 550 | – | – | $'000 | | 26 |
| – | 1,328,822 | – | – | 49,435,722 | – | ... | 8,798,284 | – | | Sel ..... | 27 |
| – | 218 | – | – | 526 | – | 1,498 | .. | – | $'000 | | 28 |
| – | – | – | – | 2,758,576 | – | ... | – | – | | Talc, stéatite ..... | 29 |
| – | – | – | – | 51 | – | 75 | – | – | $'000 | | 30 |
| – | 15,951,070 | – | – | 554,599,274 | – | ... | 101,096,460 | – | | Mines non métalliques diverses | 31 |
| – | 4,471 | – | – | 5,419 | – | 10,631 | .. | – | $'000 | | 32 |
| – | 17,575,205 | – | – | 1,324,657,242 | – | ... | 156,549,144 | – | | Total ..... | 33 |
| – | 4,818 | – | – | 11,363 | – | 26,535 | .. | – | $'000 | | 34 |
| | | | | | | | | | | **Combustibles** | |
| – | 776,270 | – | – | 319,764,681 | – | ... | – | – | | Charbon ..... | 35 |
| – | 316 | – | – | 3,819 | – | 5,891 | – | – | $'000 | | 36 |
| – | – | – | – | 1,220,232,483 | – | ... | – | – | | Pétrole et gaz naturel(1) ..... | 37 |
| – | – | – | – | 20,502 | – | 20,502 | – | – | $'000 | | 38 |
| – | 776,270 | – | – | 1,539,997,164 | – | ... | – | – | | Total ..... | 39 |
| – | 316 | – | – | 24,320 | – | 26,392 | – | – | $'000 | | 40 |
| | | | | | | | | | | **Matériaux de construction** | |
| – | 68,816 | – | – | 32,970,731 | – | ... | 866,000 | – | | Sable et gravier ..... | 41 |
| – | 9 | – | – | 648 | – | 3,241 | .. | – | $'000 | | 42 |
| – | 28,612 | – | – | 110,843,916 | – | ... | 3,565,000 | – | | Pierre ..... | 43 |
| – | 13 | – | – | 1,969 | – | 4,233 | .. | – | $'000 | | 44 |
| – | 97,428 | – | – | 143,814,647 | – | ... | 4,431,000 | – | | Total ..... | 45 |
| – | 22 | – | – | 2,617 | – | 7,474 | .. | – | $'000 | | 46 |
| .. | 29,963,637 | .. | ... | 11,003,198,941 | .. | ... | 526,004,456 | 94,080,884 | | Total, toutes industries minières. | 47 |
| 23 | 10,608 | 226 | 21 | 90,558 | 113 | 146,049 | .. | .. | $'000 | | 48 |

(1) Ne comprend pas le coût du combustible consommé dans l'industrie du pétrole brut et du gaz naturel.

TABLE 21. Fuel and Electricity Used in the Selected Manufacturing Industries Related to Mining, by Kinds and by Industries, 1969

| No. | Industry | | Bituminous coal — Charbon bitumineux: Canadian — Canadien | Bituminous coal — Charbon bitumineux: Imported — Importé | Sub-bituminous coal — Charbon sous-bitumineux | Anthracite coal — Charbon anthracite | Lignite coal — Charbon lignite | Coke | Gasoline — Essence | Fuel oil and kerosene — Huile de chauffage et kérosène | Wood — Bois | Gas — Gaz: Liquified petroleum — Gaz de pétrole liquéfiés |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | tons — tonnes | | | | | | Imperial gals. — gall. | | cords — cordes | Imperial gals. — gall. |
| 1 | Smelting and refining ..... | | 450,127 | 150,000 | 15 | 203,792 | — | 206,445 | 1,217,524 | 115,951,019 | 473 | 7,638,983 |
| 2 | | $'000 | 6,312 | 1,875 | -- | 4,135 | — | 4,884 | 393 | 9,058 | 5 | 802 |
| 3 | Clay products ..... | | 1,025 | 24,786 | — | — | — | 557 | 694,230 | 9,108,591 | 169 | 133,729 |
| 4 | | $'000 | 11 | 426 | — | — | — | 14 | 271 | 912 | 1 | 29 |
| 5 | Cement ..... | | 106,147 | 264,185 | 5 | — | — | — | 209,255 | 54,828,759 | — | 92,447 |
| 6 | | $'000 | 1,038 | 2,972 | -- | — | — | — | 75 | 4,379 | — | 20 |
| 7 | Lime ..... | | 5,300 | 86,450 | — | — | 3,089 | — | 137,119 | 9,009,061 | 1,606 | 3,605 |
| 8 | | $'000 | 88 | 1,280 | — | — | 22 | — | 43 | 665 | 17 | 1 |
| 9 | Total ..... | | 562,599 | 525,421 | 20 | 203,792 | 3,089 | 207,002 | 2,258,128 | 188,897,430 | 2,248 | 7,868,764 |
| 10 | | $'000 | 7,449 | 6,552 | -- | 4,135 | 22 | 4,898 | 782 | 15,015 | 23 | 852 |

TABLE 22. Fuel and Electricity Used in the Selected Manufacturing Industries Related to Mining, by Kinds and by Industries, 1970

| No. | Industry | | Bituminous coal — Charbon bitumineux: Canadian — Canadien | Bituminous coal — Charbon bitumineux: Imported — Importé | Sub-bituminous coal — Charbon sous-bitumineux | Anthracite coal — Charbon anthracite | Lignite coal — Charbon lignite | Coke | Gasoline — Essence | Fuel oil and kerosene — Huile de chauffage et kérosène | Wood — Bois | Gas — Gaz: Liquified petroleum — Gaz de pétrole liquéfiés |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | tons — tonnes | | | | | | Imperial gals. — gall. | | cords — cordes | Imperial gals. — gall. |
| 1 | Smelting and refining ..... | | 445,997 | 126,468 | 2 | 232,050 | — | 327,736 | 1,356,927 | 129,758,124 | 753 | 7,485,752 |
| 2 | | $'000 | 6,891 | 1,293 | -- | 5,040 | — | 9,959 | 410 | 10,645 | 10 | 816 |
| 3 | Clay products ..... | | — | 10,484 | — | — | — | 371 | 668,530 | 6,697,955 | 37 | 77,780 |
| 4 | | $'000 | — | 238 | — | — | — | 10 | 263 | 796 | -- | 17 |
| 5 | Cement ..... | | 49,556 | 222,621 | -- | — | — | — | 375,963 | 89,126,866 | — | 91,172 |
| 6 | | $'000 | 500 | 2,682 | -- | — | — | — | 137 | 6,744 | — | 20 |
| 7 | Lime ..... | | 9,313 | 85,100 | — | — | 2,043 | — | 125,250 | 17,448,513 | 242 | 9,554 |
| 8 | | $'000 | 178 | 1,575 | — | — | 15 | — | 42 | 1,409 | 3 | 2 |
| 9 | Total ..... | | 504,866 | 444,673 | 2 | 232,050 | 2,043 | 328,107 | 2,526,670 | 243,031,458 | 1,032 | 7,664,258 |
| 10 | | $'000 | 7,569 | 5,788 | -- | 5,040 | 15 | 9,969 | 851 | 19,594 | 13 | 855 |

TABLEAU 21. Combustible et électricité consommés dans certaines industries manufacturières se rapportant à l'industrie minière, par espèce et par industrie, 1969

| Gas – Gaz: Manufactured – Gaz d'usine | Gas – Gaz: Natural – Gaz naturel | Other fuel – Autre combustible | Small establishments not reporting commodity detail – Petits établissements ne déclarant pas les produits en détail | Electricity purchased – Électricité achetée | Steam purchased – Vapeur achetée | Total | Electricity generated – Électricité produite: For own use – Pour propre usage | Electricity generated – Électricité produite: For sale – Pour la vente | Industrie | No |
|---|---|---|---|---|---|---|---|---|---|---|
| Mcf. – Mpc. | | $'000 | | kwh. – kWh | pounds – livres | $'000 | kwh. – kWh | | | |
| – | 17,635,240 | .. | – | 9,532,977,112 | – | ... | 16,442,907,586 | 3,403,555,614 | Fonte et affinage ..... | 1 |
| – | 6,591 | 10 | – | 35,547 | – | 69,612 | .. | .. | $'000 | 2 |
| – | 6,641,731 | – | ... | 95,708,166 | – | ... | – | – | Produits de l'argile ..... | 3 |
| – | 3,385 | – | 364 | 1,134 | – | 6,547 | – | – | $'000 | 4 |
| – | 20,292,629 | .. | – | 1,032,132,948 | – | ... | – | – | Ciment ..... | 5 |
| – | 6,231 | 27 | – | 7,127 | – | 21,869 | – | – | $'000 | 6 |
| .. | 1,554,525 | – | – | 45,069,789 | – | ... | – | – | Chaux ..... | 7 |
| 117 | 711 | – | – | 395 | – | 3,341 | – | – | $'000 | 8 |
| .. | 46,124,125 | .. | ... | 10,705,888,015 | – | ... | 16,442,907,586 | 3,403,555,614 | Total ..... | 9 |
| 117 | 16,918 | 38 | 364 | 44,203 | – | 101,369 | .. | .. | $'000 | 10 |

TABLEAU 22. Combustible et électricité consommés dans certaines industries manufacturières se rapportant à l'industrie minière, par espèce et par industrie, 1970

| Gas – Gaz: Manufactured – Gaz d'usine | Gas – Gaz: Natural – Gaz naturel | Other fuel – Autre combustible | Small establishments not reporting commodity detail – Petits établissements ne déclarant pas les produits en détail | Electricity purchased – Électricité achetée | Steam purchased – Vapeur achetée | Total | Electricity generated – Électricité produite: For own use – Pour propre usage | Electricity generated – Électricité produite: For sale – Pour la vente | Industrie | No |
|---|---|---|---|---|---|---|---|---|---|---|
| Mcf. – Mpc. | | $'000 | | kwh. – kWh | pounds – livres | $'000 | kwh. – kWh | | | |
| – | 21,337,343 | .. | – | 8,355,047,664 | – | ... | 15,635,498,046 | 3,262,184,915 | Fonte et affinage ..... | 1 |
| – | 8,307 | 15 | – | 45,244 | – | 88,630 | .. | .. | $'000 | 2 |
| – | 6,228,282 | – | – | 87,405,971 | – | ... | – | – | Produits de l'argile ..... | 3 |
| – | 3,211 | – | – | 1,107 | – | 5,643 | – | – | $'000 | 4 |
| – | 19,470,884 | – | – | 1,050,538,216 | – | ... | – | – | Ciment ..... | 5 |
| – | 6,101 | – | – | 7,559 | – | 23,743 | – | – | $'000 | 6 |
| 510,010 | 1,922,114 | – | – | 53,971,363 | – | ... | – | – | Chaux ..... | 7 |
| 110 | 888 | – | – | 483 | – | 4,706 | – | – | $'000 | 8 |
| 510,010 | 48,958,623 | .. | – | 9,546,963,214 | – | ... | 15,635,498,046 | 3,262,184,915 | Total ..... | 9 |
| 110 | 18,507 | 15 | – | 54,393 | – | 122,721 | .. | .. | $'000 | 10 |

TABLE 23. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and by Provinces(1), 1969

| No. | Province | | Bituminous coal — Charbon bitumineux: Canadian — Canadien | Bituminous coal — Charbon bitumineux: Imported — Importé | Sub-bituminous coal — Charbon sous-bitumineux | Anthracite coal — Charbon anthracite | Lignite coal — Charbon lignite | Coke | Gasoline — Essence | Fuel oil and kerosene — Huile de chauffage et kérosène | Wood — Bois | Gas — Gaz: Liquified petroleum — Gaz de pétrole liquéfiés |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | tons — tonnes | | | | | | Imperial gals. — gall. | | cords — cordes | Imperial gals. — gall. |
| 1 | Newfoundland | | 441 | — | — | — | — | — | 715,855 | 69,083,848 | — | 6,979 |
| 2 | | $'000 | 13 | — | — | — | — | — | 348 | 7,672 | — | 2 |
| 3 | Prince Edward Island | | — | — | — | — | — | — | — | — | — | — |
| 4 | | $'000 | — | — | — | — | — | — | — | — | — | — |
| 5 | Nova Scotia | | 6,968 | — | — | — | — | 126 | 287,747 | 5,011,072 | — | 5,476 |
| 6 | | $'000 | 72 | — | — | — | — | 3 | 110 | 541 | — | 2 |
| 7 | New Brunswick | | 7 | — | — | — | — | — | 544,535 | 3,987,645 | 5 | 90,405 |
| 8 | | $'000 | -- | — | — | — | — | — | 209 | 501 | -- | 19 |
| 9 | Québec | | 4,848 | 2,632 | — | 10 | — | 11 | 3,397,277 | 75,021,639 | 64 | 238,191 |
| 10 | | $'000 | 81 | 49 | — | 1 | — | 1 | 1,329 | 9,636 | 1 | 59 |
| 11 | Ontario | | — | 75,718 | — | 14 | — | 2,088 | 4,307,014 | 37,192,191 | 9 | 835,378 |
| 12 | | $'000 | — | 1,184 | — | -- | — | 24 | 1,582 | 5,072 | -- | 154 |
| 13 | Manitoba | | — | — | — | 32 | — | 36 | 665,922 | 5,611,195 | — | 1,894,089 |
| 14 | | $'000 | — | — | — | 1 | — | 1 | 263 | 816 | — | 254 |
| 15 | Saskatchewan | | — | — | — | 2 | 29,137 | — | 454,474 | 3,732,214 | — | 144,670 |
| 16 | | $'000 | — | — | — | -- | 112 | — | 156 | 804 | — | 21 |
| 17 | Alberta | | — | — | — | — | 1,175 | — | 1,076,367 | 1,559,839 | — | 149,796 |
| 18 | | $'000 | — | — | — | — | 5 | — | 363 | 333 | — | 19 |
| 19 | British Columbia | | 3 | — | — | — | 135 | — | 1,213,077 | 14,748,015 | 1,448 | 593,894 |
| 20 | | $'000 | -- | — | — | — | 2 | — | 411 | 2,885 | 25 | 109 |
| 21 | Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay. | | 7,402 | — | — | — | — | — | 541,367 | 8,542,215 | — | 133,872 |
| 22 | | $'000 | 76 | — | — | — | — | — | 237 | 2,475 | — | 42 |
| 23 | Total | | 19,669 | 78,350 | — | 58 | 30,447 | 2,261 | 13,203,635 | 224,489,873 | 1,526 | 4,092,750 |
| 24 | | $'000 | 242 | 1,233 | — | 2 | 120 | 29 | 5,009 | 30,737 | 26 | 682 |

(1) Excludes use of fuel used in the Crude Petroleum and Natural Gas Industry.

TABLE 24. Fuel And Electricity Used in the Selected Manufacturing Industries related to Mining, by Kinds and by Provinces, 1969

| No. | Province | | Bituminous coal — Charbon bitumineux: Canadian — Canadien | Bituminous coal — Charbon bitumineux: Imported — Importé | Sub-bituminous coal — Charbon sous-bitumineux | Anthracite coal — Charbon anthracite | Lignite coal — Charbon lignite | Coke | Gasoline — Essance | Fuel oil and kerosene — Huile de chauffage et kérosène | Wood — Bois | Gas — Gaz: Liquified petroleum — Gaz de pétrole liquéfiés |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | tons — tonnes | | | | | | Imperial gals. — gall. | | cords — cordes | Imperial gals. — gall. |
| 1 | Newfoundland | | — | — | — | — | — | — | 2,447 | 1,472,710 | — | — |
| 2 | | $'000 | — | — | — | — | — | — | 1 | 157 | — | — |
| 3 | Prince Edward Island | | — | — | — | — | — | — | — | — | — | — |
| 4 | | $'000 | — | — | — | — | — | — | — | — | — | — |
| 5 | Nova Scotia | | 27,104 | — | — | — | — | — | 9,075 | 1,892,986 | — | — |
| 6 | | $'000 | 254 | — | — | — | — | — | 3 | 180 | — | — |
| 7 | New Brunswick | | 18,599 | — | — | — | — | — | 33,605 | 5,628,162 | 1,302 | 672,186 |
| 8 | | $'000 | 222 | — | — | — | — | — | 10 | 524 | 14 | 97 |
| 9 | Québec | | 213,851 | 16,629 | — | 203,792 | — | 42 | 643,025 | 126,565,249 | 301 | 4,274,772 |
| 10 | | $'000 | 2,786 | 301 | — | 4,135 | — | 1 | 225 | 9,400 | 2 | 401 |
| 11 | Ontario | | 118,561 | 501,482 | — | — | — | 147,438 | 813,570 | 29,033,655 | 147 | 200,324 |
| 12 | | $'000 | 1,617 | 6,093 | — | — | — | 3,512 | 318 | 2,512 | 2 | 44 |
| 13 | Manitoba | | 26,088 | 7,310 | — | — | 3,089 | 531 | 70,443 | 5,361,114 | 48 | 2,108,005 |
| 14 | | $'000 | 404 | 159 | — | — | 22 | 13 | 28 | 613 | 1 | 204 |
| 15 | Saskatchewan | | 92,493 | — | — | — | — | — | 32,259 | 3,189,302 | 81 | 34,885 |
| 16 | | $'000 | 1,434 | — | — | — | — | — | 12 | 324 | 1 | 5 |
| 17 | Alberta | | — | — | 20 | — | — | — | 159,296 | 365,417 | — | 11,316 |
| 18 | | $'000 | — | — | -- | — | — | — | 41 | 61 | — | 2 |
| 19 | British Columbia | | 65,903 | — | — | — | — | 58,991 | 494,408 | 15,388,835 | 369 | 567,276 |
| 20 | | $'000 | 732 | — | — | — | — | 1,372 | 145 | 1,243 | 4 | 98 |
| 21 | Yukon | | — | — | — | — | — | — | — | — | — | — |
| 22 | | $'000 | — | — | — | — | — | — | — | — | — | — |
| 23 | Northwest Territories | | — | — | — | — | — | — | — | — | — | — |
| 24 | | $'000 | — | — | — | — | — | — | — | — | — | — |
| 25 | Total | | 562,599 | 525,421 | 20 | 203,792 | 3,089 | 207,002 | 2,258,128 | 188,897,430 | 2,248 | 7,868,764 |
| 26 | | $'000 | 7,449 | 6,552 | -- | 4,135 | 22 | 4,898 | 782 | 15,015 | 23 | 852 |

TABLEAU 23. Combustible et électricité consommés par l'industrie minière au Canada, par espèce et par province,(1) 1969

| Gas — Gaz: Manufactured — Gaz d'usine | Gas — Gaz: Natural — Gaz naturel | Other fuel — Autre combustible | Small establishments not reporting commodity detail — Petits établissements ne déclarant pas les produits en détail | Electricity purchased — Électricité achetée | Steam purchased — Vapeur achetée | Total | Electricity generated — Électricité produite: For own use — Pour propre usage | Electricity generated — Électricité produite: For sale — Pour la vente | Province | N° |
|---|---|---|---|---|---|---|---|---|---|---|
| Mcf. — Mpc. | | $'000 | | kwh. — kWh | pounds — livres | $'000 | kwh. — kWh | | | |
| — | — | — | ... | 1,326,207,823 | — | ... | 35,330,240 | 81,390,440 | Terre-Neuve | 1 |
| — | — | — | 6 | 8,987 | — | 17,029 | .. | .. | $'000 | 2 |
| — | — | — | — | — | — | — | — | — | Île-du-Prince-Édouard | 3 |
| — | — | — | — | — | — | — | — | — | $'000 | 4 |
| — | — | — | ... | 157,997,028 | — | ... | 5,291,840 | — | Nouvelle-Écosse | 5 |
| — | — | — | 14 | 2,159 | — | 2,902 | .. | — | $'000 | 6 |
| — | — | — | ... | 209,996,298 | — | ... | — | — | Nouveau-Brunswick | 7 |
| — | — | — | 2 | 2,038 | — | 2,770 | — | — | $'000 | 8 |
| .. | 223,731 | .. | — | 2,167,479,491 | — | ... | 16,339,410 | — | Québec | 9 |
| 1 | 106 | 60 | — | 15,717 | — | 27,039 | .. | — | $'000 | 10 |
| .. | 9,550,108 | .. | ... | 2,938,189,508 | — | ... | 451,800 | — | Ontario | 11 |
| 40 | 4,491 | 6 | 239 | 18,975 | — | 31,767 | .. | — | $'000 | 12 |
| — | 28,353 | — | ... | 379,115,329 | — | ... | 64,221,400 | 4,975,000 | Manitoba | 13 |
| — | 13 | — | 4 | 1,980 | — | 3,331 | .. | .. | $'000 | 14 |
| — | 16,460,353 | — | ... | 927,177,117 | — | ... | 246,400,540[r] | 7,107,600 | Saskatchewan | 15 |
| — | 4,519 | — | 31 | 10,902 | — | 16,546 | .. | .. | $'000 | 16 |
| — | 855,328 | — | ... | 759,489,438 | — | ... | 3,832,150 | — | Alberta | 17 |
| — | 41 | — | 3 | 11,435 | — | 12,200 | .. | — | $'000 | 18 |
| .. | 527,932[r] | — | ... | 746,367,829 | — | ... | 118,040,352 | 2,039,643 | Colombie-Britannique | 19 |
| 2 | 232 | — | 110 | 4,492 | — | 8,270 | .. | .. | $'000 | 20 |
| — | — | .. | ... | 199,199,110 | — | ... | 63,040,298 | 891,157 | Yukon, Territoires du Nord-Ouest, Îles de l'Arctique, large des côtes et Baie d'Hudson. | 21 |
| — | — | 13 | 13 | 2,288 | — | 5,145 | .. | .. | $'000 | 22 |
| .. | 27,645,805[r] | .. | ... | 9,811,218,971 | — | ... | 552,948,030[r] | 96,403,840 | Total | 23 |
| 42 | 9,402 | 79 | 423 | 78,974 | — | 126,999 | .. | .. | $'000 | 24 |

(1) Ne comprend pas le coût du combustible consommé dans l'industrie du pétrole brut et du gaz naturel.

TABLEAU 24. Combustible et électricité consommés dans certaines industries manufacturières se rapportant à l'industrie minière, par espèce et par province, 1969

| Gas — Gaz: Manufactured — Gaz d'usine | Gas — Gaz: Natural — Gaz naturel | Other fuel — Autre combustible | Small establishments not reporting commodity detail — Petits établissements ne déclarant pas les produits en détail | Electricity purchased — Électricité achetée | Steam purchased — Vapeur achetée | Total | Electricity generated — Électricité produite: For own use — Pour propre usage | Electricity generated — Électricité produite: For sale — Pour la vente | Province | N° |
|---|---|---|---|---|---|---|---|---|---|---|
| Mcf. — Mpc. | | $'000 | | kwh. — kWh | pounds — livres | $'000 | kwh. — kWh | | | |
| — | — | — | — | 16,210,830 | — | ... | — | — | Terre-Neuve | 1 |
| — | — | — | — | 117 | — | 276 | — | — | $'000 | 2 |
| — | — | — | — | — | — | — | — | — | Île-du-Prince-Édouard | 3 |
| — | — | — | — | — | — | — | — | — | $'000 | 4 |
| — | — | — | ... | 30,935,939 | — | ... | — | — | Nouvelle-Écosse | 5 |
| — | — | — | 1 | 318 | — | 754 | — | — | $'000 | 6 |
| — | — | — | — | 75,991,412 | — | ... | — | — | Nouveau-Brunswick | 7 |
| — | — | — | — | 678 | — | 1,546 | — | — | $'000 | 8 |
| .. | 4,176,652 | — | ... | 5,768,935,714 | — | ... | 10,893,287,261 | 3,063,151,924 | Québec | 9 |
| 117 | 1,705 | — | 3 | 22,723 | — | 41,800 | .. | .. | $'000 | 10 |
| — | 21,481,974 | .. | ... | 1,515,702,060 | — | ... | — | — | Ontario | 11 |
| — | 10,523 | 38 | 321 | 9,279 | — | 34,259 | — | — | $'000 | 12 |
| — | 3,000,644 | — | ... | 1,384,452,148 | — | ... | — | — | Manitoba | 13 |
| — | 800 | — | 21 | 7,276 | — | 9,541 | — | — | $'000 | 14 |
| — | 1,170,383 | — | — | 106,673,726 | — | ... | — | — | Saskatchewan | 15 |
| — | 307 | — | — | 373 | — | 2,456 | — | — | $'000 | 16 |
| — | 12,888,504 | — | ... | 247,127,883 | — | ... | — | — | Alberta | 17 |
| — | 2,169 | — | 17 | 1,370 | — | 3,659 | — | — | $'000 | 18 |
| — | 3,405,968 | — | ... | 1,559,858,303 | — | ... | 5,549,620,325 | 340,403,690 | Colombie-Britannique | 19 |
| — | 1,415 | — | 1 | 2,069 | — | 7,078 | .. | .. | $'000 | 20 |
| — | — | — | — | — | — | — | — | — | Yukon | 21 |
| — | — | — | — | — | — | — | — | — | $'000 | 22 |
| — | — | — | — | — | — | — | — | — | Territoires du Nord-Ouest | 23 |
| — | — | — | — | — | — | — | — | — | $'000 | 24 |
| .. | 46,124,125 | .. | ... | 10,705,888,015 | — | ... | 16,442,907,586 | 3,403,555,614 | Total | 25 |
| 117 | 16,918 | 38 | 364 | 44,203 | — | 101,369 | .. | .. | $'000 | 26 |

TABLE 25. Fuel and Electricity Used in the Mineral Industry in Canada, by Kinds and by Provinces(1), 1970

| No. | Province | | Bituminous coal — Charbon bitumineux: Canadian — Canadien | Bituminous coal — Charbon bitumineux: Imported — Importé | Sub-bituminous coal — Charbon sous-bitumineux | Anthracite coal — Charbon anthracite | Lignite coal — Charbon lignite | Coke | Gasoline — Essence | Fuel oil and kerosene — Huile de chauffage et kérosène | Wood — Bois | Gas — Gaz: Liquified petroleum — Gaz de pétrole liquéfiés |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | tons — tonnes | | | | | | Imperial gals. — gall. | | cords — cordes | Imperial gals. — gall. |
| 1 | Newfoundland | | 217 | – | – | – | – | – | 961,269 | 75,820,649 | – | 5,507 |
| 2 | | $'000 | 7 | – | – | – | – | – | 479 | 9,755 | – | 2 |
| 3 | Prince Edward Island | | – | – | – | – | – | – | x | x | – | – |
| 4 | | $'000 | – | – | – | – | – | – | x | x | – | – |
| 5 | Nova Scotia | | 6,019 | – | – | – | – | 136 | 267,697 | 4,757,652 | – | 11,878 |
| 6 | | $'000 | 66 | – | – | – | – | 3 | 102 | 500 | – | 4 |
| 7 | New Brunswick | | 471 | – | – | – | – | – | 580,234 | 5,276,971 | 4 | 112,078 |
| 8 | | $'000 | 4 | – | – | – | – | – | 211 | 600 | -- | 23 |
| 9 | Québec | | 4,874 | 1,662 | – | 7 | – | 8 | 3,454,423 | 93,203,228 | 111 | 320,050 |
| 10 | | $'000 | 88 | 30 | – | -- | – | 1 | 1,366 | 11,060 | 2 | 70 |
| 11 | Ontario | | – | 58,221 | – | 3 | – | 2,034 | 4,662,584 | 34,271,243 | 9 | 1,167,398 |
| 12 | | $'000 | – | 1,022 | – | -- | – | 22 | 1,677 | 5,132 | -- | 304 |
| 13 | Manitoba | | – | – | – | 7 | – | 80 | 537,333 | 3,910,103 | – | 1,896,183 |
| 14 | | $'000 | – | – | – | -- | – | 3 | 207 | 719 | – | 225 |
| 15 | Saskatchewan | | – | – | – | 2 | 21,031 | – | 498,772 | 4,558,135 | – | 224,054 |
| 16 | | $'000 | – | – | – | -- | 91 | – | 181 | 900 | – | 56 |
| 17 | Alberta | | – | – | – | – | 1,150 | – | 1,365,577 | 2,105,991 | – | 369,672 |
| 18 | | $'000 | – | – | – | – | 5 | – | 473 | 478 | – | 40 |
| 19 | British Columbia | | – | – | – | – | – | – | 1,908,972 | 21,878,184 | – | 1,165,350 |
| 20 | | $'000 | – | – | – | – | – | – | 591 | 4,073 | – | 192 |
| 21 | Yukon, Northwest Territories, Arctic Islands, Off shore and Hudson Bay. | | 15,470 | – | – | – | – | – | x | x | – | 140,831 |
| 22 | | $'000 | 215 | – | – | – | – | – | x | x | – | 40 |
| 23 | Total | | 27,051 | 59,883 | – | 19 | 22,181 | 2,258 | 14,901,625 | 256,397,779 | 124 | 5,413,001 |
| 24 | | $'000 | 380 | 1,052 | – | 1 | 96 | 29 | 5,558 | 36,426 | 2 | 957 |

(1) Estimated cost of fuel used in the Crude Petroleum and Natural Gas Industry.

TABLE 26. Fuel and Electricity Used in the Selected Manufacturing Industries Related to Mining, by Kinds and by Provinces, 1970

| No. | Province | | Bituminous coal — Charbon bitumineux: Canadian — Canadien | Bituminous coal — Charbon bitumineux: Imported — Importé | Sub-bituminous coal — Charbon sous-bitumineux | Anthracite coal — Charbon anthracite | Lignite coal — Charbon lignite | Coke | Gasoline — Essence | Fuel oil and kerosens — Huile de chauffage et kérosène | Wood — Bois | Gas — Gaz: Liquified petroleum — Gaz de pétrole liquéfiés |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | tons — tonnes | | | | | | Imperial gals. — gall. | | cords — cordes | Imperial gals. — gall. |
| 1 | Newfoundland | | – | – | – | – | – | – | 3,566 | 1,941,820 | – | – |
| 2 | | $'000 | – | – | – | – | – | – | 2 | 194 | – | – |
| 3 | Prince Edward Island | | – | – | – | – | – | – | – | – | – | – |
| 4 | | $'000 | – | – | – | – | – | – | – | – | – | – |
| 5 | Nova Scotia | | 7,842 | – | – | – | – | – | 9,487 | 5,471,868 | – | – |
| 6 | | $'000 | 73 | – | – | – | – | – | 3 | 442 | – | – |
| 7 | New Brunswick | | 26,806 | – | – | – | – | – | 27,944 | 5,885,888 | – | 1,246,945 |
| 8 | | $'000 | 320 | – | – | – | – | – | 7 | 577 | – | 186 |
| 9 | Québec | | 115,201 | 17,910 | – | 232,050 | – | 20 | 900,831 | 157,070,405 | 205 | 5,092,508 |
| 10 | | $'000 | 1,663 | 383 | – | 5,040 | – | 1 | 325 | 12,027 | 2 | 493 |
| 11 | Ontario | | 162,087 | 421,501 | – | – | – | 262,773 | 793,260 | 49,206,757 | 422 | 194,381 |
| 12 | | $'000 | 2,311 | 5,269 | – | – | – | 8,331 | 292 | 4,100 | 6 | 48 |
| 13 | Manitoba | | 29,895 | 5,262 | – | – | 2,043 | 329 | 60,674 | 5,864,307 | 35 | 792,570 |
| 14 | | $'000 | 572 | 136 | – | – | 15 | 8 | 23 | 707 | 1 | 67 |
| 15 | Saskatchewan | | 98,793 | – | – | – | – | – | 33,773 | 3,259,316 | 81 | 27,464 |
| 16 | | $'000 | 1,902 | – | – | – | – | – | 12 | 324 | 1 | 4 |
| 17 | Alberta | | – | – | 2 | – | – | – | 153,177 | 356,075 | – | 13,787 |
| 18 | | $'000 | – | – | -- | – | – | – | 42 | 59 | – | 2 |
| 19 | British Columbia | | 64,242 | – | – | – | – | 64,985 | 543,958 | 13,975,022 | 289 | 296,603 |
| 20 | | $'000 | 728 | – | – | – | – | 1,629 | 146 | 1,164 | 3 | 54 |
| 21 | Yukon | | – | – | – | – | – | – | – | – | – | – |
| 22 | | $'000 | – | – | – | – | – | – | – | – | – | – |
| 23 | Northwest Territories | | – | – | – | – | – | – | – | – | – | – |
| 24 | | $'000 | – | – | – | – | – | – | – | – | – | – |
| 25 | Total | | 504,866 | 444,673 | 2 | 232,050 | 2,043 | 328,107 | 2,526,670 | 243,031,458 | 1,032 | 7,664,258 |
| 26 | | $'000 | 7,569 | 5,788 | -- | 5,040 | 15 | 9,969 | 851 | 19,594 | 13 | 855 |

TABLEAU 25. Combustible et électricité consommés par l'industrie minière du Canada, par espèce et par province,(1) 1970

| Gas — Gaz: Manufactured — Gaz d'usine | Gas — Gaz: Natural — Gaz naturel | Other fuel — Autre combustible | Small establishments not reporting commodity detail — Petits établissements ne déclarant pas les produits en détail | Electricity purchased — Électricité achetée | Steam purchased — Vapeur achetée | Total | Electricity generated — Électricité produite: For own use — Pour propre usage | Electricity generated — Électricité produite: For sale — Pour la vente | Province | No |
|---|---|---|---|---|---|---|---|---|---|---|
| Mcf. — Mpc. | | $'000 | | kwh. — kWh | pounds — livres | $'000 | kwh. — kWh | | | |
| — | — | — | — | 1,431,799,643 | — | ... | 34,995,340 | 81,102,326 | Terre-Neuve | 1 |
| — | — | — | — | 9,193 | — | 19,435 | .. | .. | $'000 | 2 |
| — | — | — | — | x | — | x | — | — | Île-du-Prince-Édouard | 3 |
| — | — | — | — | x | — | x | — | — | $'000 | 4 |
| — | — | — | — | 161,397,474 | — | ... | 7,135,400 | — | Nouvelle-Écosse | 5 |
| — | — | — | — | 2,243 | — | 2,918 | .. | — | $'000 | 6 |
| — | — | — | — | 231,766,452 | — | ... | — | — | Nouveau-Brunswick | 7 |
| — | — | — | — | 2,141 | — | 2,980 | — | — | $'000 | 8 |
| .. | 92,643 | .. | — | 4,334,448,904 | .. | ... | 20,962,260 | — | Québec | 9 |
| 1 | 47 | 48 | — | 17,317 | 113 | 30,142 | .. | — | $'000 | 10 |
| .. | 11,007,209 | .. | — | 3,263,943,562 | — | ... | 190,800 | — | Ontario | 11 |
| 21 | 5,276 | 2 | — | 21,549 | — | 35,005 | .. | — | $'000 | 12 |
| — | 19,011 | — | — | 444,328,579 | — | ... | 80,381,539 | 2,627,461 | Manitoba | 13 |
| — | 8 | — | — | 2,264 | — | 3,426 | .. | .. | $'000 | 14 |
| — | 16,148,814 | — | — | 929,806,509 | — | ... | 178,137,463 | 6,363,096 | Saskatchewan | 15 |
| — | 4,526 | — | — | 11,780 | — | 17,535 | .. | .. | $'000 | 16 |
| — | 1,277,620 | — | — | 933,072,091 | — | ... | 4,164,445 | — | Alberta | 17 |
| — | 179 | — | — | 14,690 | — | 15,865 | .. | — | $'000 | 18 |
| .. | 1,418,340 | — | — | 992,184,426 | — | ... | 137,838,470 | 1,739,724 | Colombie-Britannique | 19 |
| 1 | 573 | — | — | 6,291 | — | 11,721 | .. | .. | $'000 | 20 |
| — | — | .. | .. | x | — | x | 62,198,739 | 2,248,277 | Yukon, Territoires du Nord-Ouest, Îles de l'Arctique, large des côtes et Baie d'Hudson. | 21 |
| — | — | 176 | 21 | x | — | x | .. | .. | $'000 | 22 |
| .. | 29,963,637 | .. | .. | 11,003,198,941 | .. | ... | 526,004,456 | 94,080,884 | Total | 23 |
| 23 | [illegible] | [illegible] | 21 | 90,558 | 113 | [illegible] | .. | .. | $'000 | 24 |

(1) Ne comprend pas le coût du combustible consommé dans l'industrie du pétrole brut et du gaz naturel.

TABLEAU 26. Combustible et électricité consommés dans certaines industries manufacturières se rapportant à l'industrie minière au Canada, par espèce et par province, 1970.

| Gas — Gaz: Manufactured — Gaz d'usine | Gas — Gaz: Natural — Gaz naturel | Other fuel — Autre combustible | Small establishments not reporting commodity detail — Petits établissements ne déclarant pas les produits en détail | Electricity purchased — Électricité achetée | Steam purchased — Vapeur achetée | Total | Electricity generated — Électricité produite: For own use — Pour propre usage | Electricity generated — Électricité produite: For sale — Pour la vente | Province | No |
|---|---|---|---|---|---|---|---|---|---|---|
| Mcf. — Mpc. | | $'000 | | kwh. — kWh | pounds — livres | $'000 | kwh. — kWh | | | |
| — | — | — | — | 21,798,000 | — | ... | — | — | Terre-Neuve | 1 |
| — | — | — | — | 153 | — | 349 | — | — | $'000 | 2 |
| — | — | — | — | — | — | — | — | — | Île-du-Prince-Édouard | 3 |
| — | — | — | — | — | — | — | — | — | $'000 | 4 |
| — | — | — | — | 31,973,000 | — | ... | — | — | Nouvelle-Écosse | 5 |
| — | — | — | — | 366 | — | 885 | — | — | $'000 | 6 |
| — | — | — | — | 78,763,430 | — | ... | — | — | Nouveau-Brunswick | 7 |
| — | — | — | — | 691 | — | 1,781 | — | — | $'000 | 8 |
| 510,010 | 2,836,388 | — | — | 5,233,365,894 | — | ... | 11,858,785,087 | 2,907,715,475 | Québec | 9 |
| 110 | 1,154 | — | — | 27,465 | — | 48,664 | .. | .. | $'000 | 10 |
| — | 25,545,573 | .. | — | 2,064,800,841 | — | ... | — | — | Ontario | 11 |
| — | 12,570 | 15 | — | 13,787 | — | 46,729 | — | — | $'000 | 12 |
| — | 2,754,832 | — | — | 1,533,625,840 | — | ... | — | — | Manitoba | 13 |
| — | 747 | — | — | 8,030 | — | 10,307 | — | — | $'000 | 14 |
| — | 782,764 | — | — | 98,735,460 | — | ... | — | — | Saskatchewan | 15 |
| — | 213 | — | — | 315 | — | 2,772 | — | — | $'000 | 16 |
| — | 13,311,899 | — | — | 245,859,404 | — | ... | 35,864 000 | — | Alberta | 17 |
| — | 2,210 | — | — | 1,324 | — | 3,637 | .. | — | $'000 | 18 |
| — | 3,727,167 | — | — | 238,041,345 | — | ... | 3,740,848,959 | 354,469,440 | Colombie-Britannique | 19 |
| — | 1,613 | — | — | 2,261 | — | 7,598 | .. | .. | $'000 | 20 |
| — | — | — | — | — | — | — | — | — | Yukon | 21 |
| — | — | — | — | — | — | — | — | — | $'000 | 22 |
| — | — | — | — | — | — | — | — | — | Territoires du Nord-Ouest | 23 |
| — | — | — | — | — | — | — | — | — | $'000 | 24 |
| 510,010 | 48,958,623 | .. | — | 9,546,963,214 | — | ... | 15,635,498,046 | 3,262,184,915 | Total | 25 |
| 110 | 18,507 | 15 | — | 54,393 | — | 122,721 | .. | .. | $'000 | 26 |

## APPENDIX

### MINERAL STATISTICS

The publication of statistics on the mineral production of Canada was instituted by the Geological Survey of Canada as early as 1886. The Department of Mines carried on this compilation through the early part of the twentieth century. Subsequent to the transfer of this work, Statistics Canada published the data for the year 1921 and the succeeding issues.

The construction of new metallurgical plants and the development of new types of ore have resulted in changes in methods of compilation over the period but in general the following principles have been followed.

For the non-metallic minerals such as asbestos, talc, barite, etc. and for the structural materials such as stone, portland cement, etc., the mine or quarry shipments are taken to represent production. Usually there is little difference between actual output and mine shipments snd it is more convenient and more practical to measure the product at the latter point. Values are computed on the f.o.b. shipping point basis and they represent, therefore, the amounts actually received by the producers.

Production data for certain simple metallic ores such as iron ore, uranium, etc. are compiled in a similar manner, that is, products shipped from a specific shipping point at f.o.b. values. For some metals this is not practical and an attempt is made to measure output in terms of recoverable metals which are then valued at current market prices. The principal metal mining companies in Canada also operate smelters at or close to the mine site and they do not usually value the ores at the mine head or at the concentrator; if they do it is only at nominal values for accounting purposes and not representative of actual market values. For these operations, which account for a very large percentage of the total production of the country, the smelter is the first point at which it is practical to assign a value to production. Furthermore it is the more accurate point at which to measure actual recoveries according to province or origin. The operators which ship customs ores to smelters do not always know what the recoveries will be as this dependa on smelter practice. The amount paid for customs ore is the result of bargaining between the smelter and the mine operator and the smelter may in fact, by means of blending certain ores or by more efficient methods recover more metal than it actually paid for, or by treating large tonnages of ores it may recover minor metals which were not paid for at all. Most of Canada's metallic ores are quite complex, usually containing several metals.

Of course, not all Canadian ores and concentrates are treated in home smelters. Large quantities of concentrates are exported to foreign smelters. The recoverable metals in such concentrates are estimated by making certain deductions (as determined by usual smelter practice) from the assayed contents to allow for losses in smelting. Similarly certain adjustments are made in arriving at quantities and values of unfinished smelter products. Metals recovered in Canadian smelters from the treatment of foreign ores are not included in the commodity figures in Table 1.

Nota: Monthly production figures (quantities only) are available for all metals and for most of the non-metals.

## ANNEXE

### LA STATISTIQUE DES MINÉRAUX

La publication des statistiques de production minière a été commencée au Canada dès 1886 par la Commission Géologique du Canada. Cette tâche a été ensuite assurée par le ministère des Mines pour les années jusqu'à 1921 puis, à la suite d'un transfert d'attributions, par Statistique Canada pour les années subséquentes.

La construction de nouvelles usines métallurgiques et la mise au point de nouveaux types de minerais ont donné lieu à des modifications dans les méthodes d'élaboration au cours de cette période mais, règle générale, on s'en est tenu aux principes exposés ci-dessous.

Pour ce qui est des minerais non métalliques (amiante, talc, barytine, etc.) et des matériaux de construction (pierre, ciment portland, etc.), la production est mesurée par les livraisons respectives des mines et des carrières. L'écart étant habituellement minime entre produit réel et livraisons, il est plus commode et plus pratique de mesurer la production sur ce dernier élément. La valeur est calculée sur la base des prix au point de livraison, et représente donc les montants effectivement reçus par les producteurs.

La même règle sert à calculer la production de certains minerais métalliques simples tels que le minerai de fer, l'uranium, etc., (c'est-à-dire: Produit livré calculé sur la base des prix au point de livraison). Elle serait néanmoins difficilement applicable à d'autres espèces, et pour cette raison on cherche à mesurer la teneur de ces dernières en métal dont on calcule, ensuite la valeur aux cours du marché. Les plus importantes sociétés minières du Canada exploitent des usines d'extraction métallurgiques aux gisements mêmes ou à proximité, et ne calculent habituellement pas la valeur du minerai à la sortie de la mine ou du concentrateur; lorsqu'elles le font, c'est à fin comptable, à des valeurs nominales sans rapport avec les valeurs marchandes réelles. Pour ces exploitations qui représentent un très fort pourcentage de la production du pays, la fonderie constitue le premier point auquel on puisse attribuer une valeur à la production. C'est aussi le point le plus précis où l'on puisse mesurer les quantités réelles de métal extrait par province ou par origine. Les exploitations qui expédient du minerai à façon aux fonderies ne savent pas toujours combien de métal sera extrait, cela étant fonction des techniques mises en oeuvre à la fonderie. Le prix accordé au minerai à façon étant débattu entre le producteur et la fonderie, il peut fort bien arriver que cette dernière extraie plus de métal qu'elle n'en paie, en recourant par exemple à des mélanges de minerais ou à des techniques avancées, ou encore qu'elle récupère des métaux secondaires non crédités au producteur mais que le traitement de forts tonnages de minerais lui permet d'extraire. La plupart des minerais métalliques du Canada sont passablement complexes et renferment généralement plusieurs métaux.

Bien entendu, tous les minerais et concentrés canadiens ne sont pas traités dans des usines métallurgiques canadiennes: il est exporté de grandes quantités de concentrés. La quantité de métal contenue dans ces concentrés est évaluée en corrigeant leurs teneurs analytiques de certaines déductions (fonctions des méthodes de fonderie) pour tenir compte des pertes métallurgiques. De même, on procède à certains ajustements pour déterminer les quantités et les valeurs des produits bruts de fonderie. Les métaux extraits par les fonderies canadiennes dans le traitement des minerais étrangers ne sont pas inclus dans les chiffres de produits dans le Tableau 1.

Nota: On peut se procurer les chiffres de production mensuelle (en quantité seulement) pour tous les métaux et pour la plupart des produits non métalliques.

The value for metals production calculated in this manner does not coincide with the amounts actually received by the producers. An entirely separate compilation is made on an industry basis which represents very closely the actual return to the metal mining industry.

## DETAILS OF THE METHODS USED IN COMPUTING THE MINERAL PRODUCTION OF CANADA

### Metallic Mineral Production

Aluminum. — Canada does not produce aluminum ores but smelters are operated at Arvida, Isle Maligne, Shawinigan, and Beauharnois in Quebec and Kitimat, British Columbia by the Aluminum Company of Canada. Canadian Reynolds Metals Co., Ltd., operates a smelter at Baie Comeau, Quebec. Bauxite or alumina for these smelters is imported from South America and Jamaica. Smelter operations are included in statistics for the Smelting and Refining Industry, that is, the figures are included in the industry statistics. However, data on aluminum production are not included in the commodity compilation on the Mineral Production of Canada.

Antimony. — At the Trail smelter of Cominco Limited, antimony is recovered in the form antimonial lead and in flue dust, and slags. The antimony content of these products is considered as the production of antimony. Antimony in antimonial lead is valued at the average New York price for antimony metal. Antimony in flue dust and slags is valued at an arbitrary price.

Bismuth. — No Canadian ores are mined for bismuth only. Bismuth occurs in the silver-lead-zinc ore at Kimberley, British Columbia, in the silver-cobalt ores which are shipped to Cobalt Refinery Ltd., in molybdenite ores of the Molybdenite Corporation at Lacorne, Quebec, and in the copper-gold-silver ores at Gaspe, Quebec.

Production is calculated as follows:

(a) Bismuth metal produced at Canadian smelters, value as reported by producer.
(b) Bismuth content of silver-lead-bismuth bullion shipped to smelters, Canadian or foreign, value as reported by firm.
(c) Bismuth content of impure metal shipped, value as reported by firm.

Cadmium. — Cadmium is associated with zinc. It is recovered in the refining of zinc by Cominco Ltd. at Trail, British Columbia, by Hudson Bay Mining and Smelting Co. Limited at Flin Flon, Manitoba, by East Coast Smelting and Chemical Co. Ltd. at Belledune, New Brunswick, and by Canadian Electrolytic Zinc Ltd. at Valleyfield, Quebec.

Production consists of cadmium metal recovered at these smelters and the recoverable content of cadmium in the zinc-lead concentrates exported, valued at the average New York price for the year.

Calcium. — The only producer is Dominion Magnesium Limited at Haley, Ontario. Output figures represent calcium metal, plus calcium content of alloys, value is that reported by the firm.

Chromite. — Production in Canada has been small, consisting usually of a few hundred tons in the Province of Quebec. Output figures represent the quantity and value of ores shipped as reported by producers.

La valeur de production métallique ainsi calculée n'est pas identique aux sommes effectivement reçues par les producteurs. Il est établi, de façon tout à fait distincte et pour l'ensemble de l'industrie, une autre statistique reflétant de très près ce qui est effectivement versé à l'industrie des mines métalliques.

## PRÉCISIONS SUR LES MÉTHODES UTILISÉES POUR DÉTERMINER LA PRODUCTION MINÉRALE CANADIENNE

### Minéraux métalliques

Aluminium. — Le Canada ne produit pas de minerais d'aluminium, mais l'Aluminum Company of Canada exploite des usines d'aluminium à Arvida, Île Maligne, Shawinigan et Beauharnois, Québec, ainsi qu'à Kitimat, Colombie-Britannique. Canadian Reynolds Metals Co., Ltd., exploite également une usine à Baie Comeau, Québec. Ces producteurs importent leur bauxite et leur alumine d'Amérique du Sud et de la Jamaïque. L'activité des fonderies d'aluminium est prise en compte dans les statistiques de l'industrie de la fonte et de l'affinage, dans lesquelles ses chiffres sont compris. Toutefois, la production d'aluminium ne figure pas aux tableaux de la Production minérale canadienne considérée par natures de marchandises.

Antimoine. — À son usine de Trail, Cominco Limited extrait l'antimoine sous forme de plomb antimonieux, de fumées et de scories, dont le contenu d'antimoine est considéré comme production du métal. La valeur de l'antimoine contenu dans le plomb antimonieux est établie à partir du cours moyen de l'antimoine-métal à New York. Pour les fumées et scories, la valeur est établie à partir d'un prix arbitraire.

Bismuth. — Au Canada, aucun minerai n'est extrait uniquement pour le bismuth. Ce dernier se rencontre dans les minerais d'argent-plomb-zinc de Kimberley, Colombie-Britannique, dans ceux d'argent-cobalt livrés à la Cobalt Refinery Ltd., dans ceux de molybdénite de la Molybdenite Corporation de Lacorne, Québec, ainsi que dans ceux de cuivre-or-argent de Gaspé, Québec.

La production est évaluée comme suit:

(a) Bismuth métallique produit aux fonderies canadiennes, suivant valeur déclarée par le producteur;
(b) Contenu en bismuth des lingots d'argent-plomb-bismuth livrés aux fonderies canadiennes ou étrangères, suivant valeur déclarée par l'expéditeur;
(c) Contenu en bismuth des métaux impurs livrés, suivant valeur déclarée par l'expéditeur.

Cadmium. — Le cadmium est associé au zinc. Il est récupéré dans l'affinage de ce métal par Cominco Ltd. à Trail, Colombie-Britannique; par Hudson Bay Mining and Smelting Co. Limited à Flin Flon, Manitoba, par East Coast Smelting and Chemical Co. Ltd. à Belledune, Nouveau-Brunswick, et par Canadian Electrolytic Zinc Ltd. à Valleyfield, Québec.

La production est mesurée par le cadmium-métal extrait dans ces fonderies et par le contenu en cadmium des exportations de concentrés de zinc-plomb, évalué au cours moyen de l'année à New York.

Calcium. — Le seul producteur est Dominion Magnesium Limited de Haley, Ontario. Les chiffres de production comprennent le calcium-métal et le contenu des alliages, valeur suivant déclaration de l'expéditeur.

Chromite. — La production canadienne est minime, et tient généralement dans quelques centaines de tonnes produites au Québec. Elle est évaluée d'après les quantités et valeurs des minerais livrés, suivant déclarations des producteurs.

Ferro-chrome is produced in Canada in substantial quantities, but since it is made from imported ores it is not counted as part of the mineral production of the country.

Cobalt. — Production includes:

(a) Cobalt metal produced at Canadian smelters, plus the Cobalt content of salts and oxides made at these smelters. Recoveries from imported concentrates are excluded. The value is the total sales value of these products as reported by the smelters.
(b) Cobalt content of ores and concentrates shipped for export at the gross value received by shippers. For exported concentrates the producer is paid for the cobalt content only.

Columbium. — Production includes:

(a) Columbium pentoxide ($Cb_2O_5$) contained in concentrates shipped by the producers with values as reported by the shipper.
(b) Columbium pentoxide ($Cb_2O_5$) equivalent of columbium contained in ferro-columbium shipped by the producers valued at the average pentoxide price.

Copper. — Production includes:

(a) Recoverable copper in ores and concentrates shipped for export valued at the average Montreal price for the year. Recoverable copper is computed as total copper content, less ten pounds of copper per ton of concentrates as an allowance for smelter losses.

(b) Copper content of blister copper made at Canadian smelters, valued at the average Montreal price for the year.

(c) Copper content of nickel-copper matte shipped for export by Canadian smelters, valued at an arbitrary price agreed upon by the Ontario Department of Mines and Statistics Canada. This price is usually about three cents under the Canadian price for the metal and represents as close as approximation as possible to a fair value for the copper in the matte after allowing a margin for treatment of this matte in refineries outside Canada. No allowance is made in this instance for losses in treatment of the matte, as practically all of the copper is recovered.

Since all of the blister copper is now treated in Canadian refineries, it might be considered more convenient to use the figures on production of refined metal rather than the content of blister copper. However, the inclusion of secondary copper (made from scrap) in the refinery figures complicates the situation, and, at any rate, it is more satisfactory to use the smelter figures in making the allocation of production on a provincial basis.

Gold. — Production includes:

(a) Gold in crude bullion obtained direct from placer workings.
(b) Gold in crude bullion obtained direct from lode gold mines.
(c) Gold in blister copper made at copper smelters.
(d) Gold in base bullion made by Cominco Limited, at Trail, British Columbia.
(e) Gold in all types of ores shipped for export.
(f) Gold in nickel-copper matte shipped for export.
(g) Gold in platinum-palladium concentrates shipped for export.

Le ferrochrome est produit au Canada, mais uniquement à partir de minerais importés, raison pour laquelle il n'est pas englobé dans la production minérale du pays.

Cobalt. — La production comprend:

(a) Le cobalt-métal produit par les fonderies canadiennes ainsi que le contenu en cobalt des sels et oxydes produits par ces mêmes usines, à l'exclusion de ce qui est extrait des concentrés importés. La valeur considérée est le montant total des ventes de ces produits déclaré par les usines;
(b) Le contenu en cobalt des minerais et concentrés exportés selon le prix brut payé aux expéditeurs. À l'exportation, les concentrés sont payés uniquement d'après leur contenu de cobalt.

Niobium Colombium. — La production comprend:

(a) L'oxide de colombium ($Cb_2O_5$) présent dans les concentrés livrés par les producteurs, valeur suivant déclarations de ces derniers;
(b) L'équivalent oxyde de colombium ($Cb_2O_5$), du colombium présent dans le ferrocolombium livré par les producteurs et évalué au prix moyen de l'oxyde.

Cuivre. — La production comprend:

(a) Le cuivre contenu dans les minerais et concentrés exportés, au cours moyen de Montréal pour l'année. Cuivre contenu: contenu total en cuivre, moins dix livres de cuivre par tonne de concentrés pour pertes à la fonderie;

(b) Le contenu du cuivre brut produit aux usines canadiennes, aux cours moyen de Montréal pour l'année;

(c) Le contenu en cuivre de la matte de nickel-cuivre exportée par les usines canadiennes, à un prix arbitraire établi conjointement par le ministère des Mines de l'Ontario et Statistique Canada. Ce prix, généralement inférieur de trois cents au prix canadien du métal, représente avec la plus grande exactitude qu'il est possible d'atteindre la valeur marchande du cuivre contenu dans la matte, compte tenu d'une provision pour affinage à l'étranger de cette matte. En ce cas, il n'est pas prévu de pertes métallurgiques, le cuivre étant pratiquement récupéré en totalité.

Maintenant que tout le cuivre brut est affiné au Canada, il pourrait sembler plus commode d'utiliser les chiffres de la production de métal affiné plutôt que le contenu du cuivre brut. Cependant, l'inclusion du cuivre de deuxième fusion (tiré des rebuts) dans les chiffres d'affinage complique la situation, et il y a de toute manière avantage à partir des chiffres des fonderies pour répartir la production entre les diverses provinces.

Or. — La production comprend:

(a) L'or en lingots bruts provenant directement des placers;
(b) L'or en lingots bruts provenant directement des exploitations de filons;
(c) L'or présent dans le cuivre brut produit aux usines de cuivre;
(d) L'or présent dans le plomb brut produit à Trail (Colombie-Britannique) par Cominco Limited;
(e) L'or contenu dans tous les types de minerais exportés;
(f) L'or contenu dans la matte de nickel-cuivre exportée;
(g) L'or contenu dans les concentrés de platine-palladium exportés.

Gold production is valued at the average price set by the United States Treasury, transposed to Canadian funds.

Indium. — Small quantities are recovered by Cominco Limited, Trail, British Columbia, in the smelting of lead-zinc-silver ores. The output is valued by the shipper. No data on indium are published and the figures are excluded from the Mineral Production of Canada.

Iron Ore. — Production figures represent product shipments from specific locations at the values shown by the shippers.

Iron (Remelt). — This is sometimes called pig iron or Sorel iron. It is a co-product in the smelting of ilmenite ores by Quebec Iron and Titanium Corporation at Sorel, Quebec.

Quantity and value figures are those reported by the producer.

Lead. — Production includes:

(a) Lead in base bullion made by Cominco Limited, at Trail, British Columbia, from ores originating in British Columbia.

Refined lead is produced at Trail, but, from time to time, imported ores and concentrates are treated at this smelter, and it has been found advantageous to calculate the lead at the base bullion stage, since it is easier at this stage to estimate the amount that should be credited to imported ores.

(b) Recoverable lead in ores and concentrates shipped for export or shipped to domestic smelters by companies other than those referred to in (a) above. Recoverable lead is computed as total lead content, less two per cent of content as an allowance for smelter losses.

The value is computed at the average Montreal price for the year.

Magnesium. — Dominion Magnesium Company, Limited, Haley, Ontario, is the only Canadian producer. Output figures represent magnesium metal, plus magnesium content of alloys, values are those shown by the shipper.

Manganese. — Production in Canada has been small and spasmodic because of the limited number of known deposits. Output figures represent the tonnage of ore shipped at the value received by the shippers.

Large tonnages of ferro-manganese alloys are made in Canada, but since imported ores are used, this output is not included in the mineral production of the country.

Mercury. — Production figures in 1944 and prior years represented actual output valued at the prevailing market price - that is, at the average New York price for the year, in Canadian funds. No data on mercury production have been published in subsequent years and the figures are excluded from the Mineral Production of Canada.

Molybdenum. — Production figures are molybdenum content of the oxides, ferro-molybdenum and sulphides shipped; value is that shown by the shipper.

Nickel. — Production includes:

(a) Refined and electrolytic nickel produced at Canadian refineries, valued at the average price obtained for such products sold during the year.

La valeur de la production d'or est établie au prix moyen fixé par le Trésor américain, converti en dollars canadiens.

Indium. — Récupéré en petites quantités à Trail, Colombie-Britannique, par Cominco Limited, lors de la fusion des minerais de plomb-zinc-argent. La valeur de la production est déterminée par l'expéditeur. Aucune donnée n'est publiée sur l'indium; les chiffres y relatifs ne figurent pas aux tableaux de Production minérale du Canada.

Minerai de fer. — Les chiffres de production représentent les livraisons de produits, provenant d'un lieu spécifique et aux valeurs déclarées par les expéditeurs.

Fonte d'affinage. — Aussi appelée fonte blanche, fonte de Sorel. C'est un co-produit de la métallurgie des minerais d'ilménite pratiquée à Sorel, Québec, par Quebec Iron and Titanium Corporation.

Les quantités et valeurs sont celles déclarées par le producteur.

Plomb. — La production comprend:

(a) Le plomb des lingots de plomb brut produits à Trail, Colombie-Britannique, par Cominco Limited, à partir de minerais provenant de la Colombie-Britannique.

L'usine de Trail fabrique du plomb affiné, mais elle traite aussi occasionnellement des minerais et des concentrés importés, ce pourquoi il s'est avéré avantageux d'évaluer le plomb à l'étape du lingot brut. Il est en effet plus facile à ce stade d'évaluer la quantité à imputer aux minerais importés.

(b) Le plomb contenu dans les minerais et concentrés exportés ou livrés aux usines canadiennes par des sociétés autres que celles mentionnées ci-dessus en (a). Plomb contenu: contenu total en plomb, moins deux pour cent du contenu comme provision pour pertes métallurgiques.

La valeur est calculée au cours moyen de Montréal pour l'année.

Magnésium. — Le seul producteur canadien est Dominion Magnesium Company Limited de Haley, Ontario. Les chiffres de production comprennent le magnésium-métal et le contenu en magnésium des alliages, avec valeurs déclarées par l'expéditeur.

Manganèse. — La production canadienne est faible et sporadique, en raison de la faible importance des gisements connus. Les chiffres de production représentent le tonnage de minerai livré, au prix reçu par l'expéditeur.

Le Canada produit d'importants tonnages d'alliages de ferromanganèse, mais à partir de minerais importés, ce pourquoi cette production n'est pas comprise dans la production minérale du pays.

Mercure. — Les chiffres sur la production de 1944 et des années précédentes représentaient la production réelle évaluée au prix courant (au cours moyen de l'année à New York) exprimé en devises canadiennes. On n'a pas publié de données sur la production de mercure au cours des années suivantes; ces chiffres n'apparaissent plus dans "Production minérale du Canada".

Molybdène. — Les chiffres de production représentent le contenu en molybdène des oxydes, du ferromolybdène et des sulfures livrés; valeur déclarée par l'expéditeur.

Nickel. — La production comprend:

(a) Le nickel affiné et le nickel électrolytique produits aux usines canadiennes, aux prix de vente moyens de l'année;

(b) Nickel in nickel oxides and in nickel salts sold from Canadian smelters and refineries during the year at the total selling value of these products.
(c) Nickel in matte shipped for export from Canada valued at an arbitrary figure agreed upon by the Ontario Department of Mines and Statistics Canada. This price is a few cents under the Canadian price for the metal and represents as close an approximation as possible to a fair value of nickel in the matte form after allowing a margin for treatment of this matte in refineries outside Canada.
(d) Recoverable nickel in concentrates shipped from other provinces to smelters in Ontario or refinery in Alberta valued at an arbitrary price.

Platinum group metals. — Production includes:
(a) Recoverable metals in smelter and refinery products shipped for export.
(b) Platinum recovered from placer workings.

Beginning with 1946, the platinum metals production is the assay content of concentrates and refinery residues shipped for export, plus the platinum group metal content of the matte shipped for export. Quantities as reported are valued at average New York price.

Selenium and tellurium. — Selenium and tellurium are produced as by-products by Canadian Copper Refiners Limited, Montreal East, Quebec, and by International Nickel Company of Canada Limited, at Copper Cliff, Ontario. The quantities as reported by the refining companies are valued at the average New York price for the year.

Silver. — Production includes:
(a) Silver in crude bullion obtained direct from placer workings.
(b) Silver in crude bullion obtained direct from lode gold mines.
(c) Silver in blister copper made at copper smelters.
(d) Silver in base bullion made by Cominco Limited, at Trail, British Columbia.
(e) Silver in all types of ores shipped for export.
(f) Silver in nickel-copper matte shipped for export.
(g) Silver in platinum-palladium concentrates shipped for export.

Total silver, as computed from above, is valued at the average of Toronto quotations for the year.

Thorium. — At Elliot Lake, Ontario, the by-products of the uranium plant are treated to produce thorium salts. Production is considered as the thorium content of the salts shipped at a value reported by the producer. No data on thorium are published and the figures are excluded from the Mineral Production of Canada.

Tin. — Canada has no commercial tin deposits. A small tonnage is recovered as a by-product by Cominco Limited, at Kimberley, British Columbia, from the treatment of the Sullivan lead-zinc-silver ore.

Titanium ore. — Included in this item are the titanium ores exported for processing elsewhere. The value is that reported by the shipper. Ilmenite ore treated at the Sorel smelter is excluded, as the measurement is made of the smelter products, i.e., titanium dioxide, iron (remelt) and Sorelflux.

Tungsten ore. — Production in Canada is very small. Output is computed in terms of $WO_3$ content of tungsten concentrates produced at the mine. Value figures are excluded from the Mineral Production of Canada.

(b) Le nickel contenu dans les oxydes et sels de nickel, vendus par les usines canadiennes d'extraction et d'affinage durant l'année, au total des prix de vente;
(c) Le nickel contenu dans la matte exportée, à un prix arbitraire établi conjointement par le ministère des Mines de l'Ontario et Statistique Canada. Ce prix, inférieur de quelques cents au prix canadien du métal, représente avec la plus grande exactitude qu'il est possible d'atteindre la juste valeur marchande du nickel contenu dans la matte, compte tenu d'une provision pour affinage de la matte à l'étranger;
(d) Le nickel contenu dans les concentrés livrés des autres provinces aux fonderies de l'Ontario ou à une usine d'affinage en Alberta à un prix arbitraire.

Métaux du groupe platine. — La production comprend:
(a) Les métaux contenus dans les produits exportés par les usines de fonte et d'affinage;
(b) Le platine récupéré dans l'exploitation des placers.

À compter de 1946, la production des métaux du groupe platine est calculée sur le total du contenu analytique des concentrés et des résidus d'affinage exportés, et du contenu en métaux du groupe platine de la matte exportée. La valeur des quantités déclarées est établie au cours moyen de New York.

Sélénium et tellure. — Ils sont obtenus, comme sous-produits de raffinage à Montréal-Est, Québec, par Canadian Copper Refiners Limited, et à Copper Cliff, Ontario, par International Nickel Company of Canada Limited. La valeur des quantités déclarées par les sociétés d'affinage est établie au cours moyen de l'année à New York.

Argent. — La production comprend:
(a) L'argent en lingots bruts provenant directement des placers;
(b) L'argent en lingots bruts provenant directement des exploitations de filons;
(c) L'argent présent dans le cuivre brut produit aux usines de cuivre;
(d) L'argent présent dans le plomb brut produit à Trail, Colombie-Britannique, par Cominco Limited;
(e) L'argent contenu dans tous les types de minerais exportés;
(f) L'argent contenu dans la matte de nickel-cuivre exportée;
(g) L'argent contenu dans les concentrés de platine-palladium exportés.

La valeur du total ainsi obtenu est établie d'après la moyenne des cours de l'année à Toronto.

Thorium. — À Elliot Lake, Ontario, les sous-produits de l'usine d'uranium sont traités en vue de produire des sels de thorium. La production est calculée sur le contenu en thorium des sels livrés, valeur suivant déclaration du producteur. Il n'est pas publié des statistiques sur le thorium-métal, et les chiffres s'y rapportant ne sont pas compris aux tableaux de Production minérale canadienne.

Étain. — Le Canada ne possède pas de gisements marchanda. Cominco Limited récupère à Kimberley, Colombie-Britannique, de faibles tonnages du métal, en sous-produit du traitement du minerai de plomb-zinc-argent de Sullivan.

Minerai de titane. — Cette rubrique comprend les minerais de titane exportés pour traitement à l'étranger. Leur valeur est celle déclarée par l'expéditeur. L'ilménite traitée à l'usine d'extraction de Sorel n'est pas comprise, la mesure étant effectuée sur les produits d'extraction: bioxyde de titane, fonte d'affinage et Sorelflux.

Minerai de tungstène. — Très faible production canadienne; elle est calculée en contenu de $WO_3$ des livraisons de concentrés de tungstène, lesquelles sont évaluées par l'expéditeur. Il n'est pas publié de statistiques sur le tungstène-métal et les chiffres qui s'y rapportent ne sont pas compris aux tableaux de Production minérale du Canada.

Uranium. — Producers of uranium precipitates or concentrates report the $U_3O_8$ content of the shipments and the value received by the shipper.

Zinc. — Production includes:
(a) Refined zinc made by Cominco Ltd., Trail, B.C., from ores originating in British Columbia.
(b) Refined zinc made by Hudson Bay Mining and Smelting Co. Ltd. at Flin Flon, Manitoba, from their own or associated companies'ores.
(c) Recoverable zinc in ores shipped for export or shipped to domestic smelters in the case of companies other than those covered by (a) and (b) above. Recoverable zinc is computed as the total zinc content, less 160 pounds of zinc per ton of concentrates as an allowance for smelter losses.

The total zinc, computed as above, is valued at the average Montreal price for the year.

## Non-metallic Mineral Production

Owing to the fact that it is difficult to obtain figures of actual production of non-metallic minerals in Canada, and since the first actual measurement is when the product is sold, the plant shipments have been taken to represent production in all cases.

Abrasives, natural. — Includes corundum, garnets, grinding pebbles, grindstones, pulpstones and sharpening stone, diatomite and volcanic dust. Corundum, garnets and grinding pebbles have been produced in Canada in small quantities. Shipments of these materials represent the production, and the value is the amount received by the shippers, f.o.b. shipping points.

Arsenic. — No Canadian ores are mined for arsenic only. White arsenic ($As_2O_3$) is recovered as a by-product in the treatment of silver-cobalt-nickel ores of the Cobalt district in Ontario at the smelter of Cobalt Refinery Division of Kam-Kotia Mines Ltd.

Production is computed as shipments of refined arsenic, plus any crude arsenic shipped for export at the f.o.b. plant values reported by the shippers.

Asbestos. — Production figures represent shipments of the various grades at the total selling value, f.o.b. shipping points, less the value of containers.

Barite. — Production is the shipments at the selling value, f.o.b. shipping point.

Bituminous sands. — Production is on an experimental scale only. Figures not included in production records.

Feldspar. — Part of the crude feldspar is shipped for export, and part is shipped to Canadian grinding plants. Production includes the quantity shipped from the mine for export at its sales value, plus the quantity of ground feldspar shipped from the domestic grinding plants at its sales value, f.o.b. the mill.

Fluorspar. — Production represents the quantity shipped from the quarries at its selling value, f.o.b. works.

Graphite. — Production is quantity shipped from the mill at its selling value, f.o.b. the mill.

Gypsum. — Production is taken as the tonnage of crude gypsum shipped from quarries or mines in the lump, crushed, or fine ground forms. The value is that reported by the operators.

Uranium. — Les producteurs de précipités ou de concentrés d'uranium déclarent le contenu en $U_3O_8$ de leurs livraisons et le prix qu'ils en obtiennent.

Zinc. — La production comprend:
(a) Le zinc affiné produit à Trail, Colombie-Britannique, par Cominco Ltd. à partir de minerais provenant de Colombie-Britannique;
(b) Le zinc affiné produit à Flin Flon, Manitoba, par Hudson Bay Mining & Smelting Co. Ltd. à partir de ses propres minerais ou de ceux de filiales;
(c) Le zinc contenu dans les minerais livrés à l'étranger ou à des usines d'extraction canadiennes, dans le cas de sociétés autres que celles visées en (a) et (b) ci-dessus. Le calcul part du contenu total en zinc, dont on soustrait 160 livres par tonne de concentrés à titre de provision pour pertes métallurgiques.

La valeur de quantité totale de zinc ainsi établie est calculée au cours moyen de l'année à Montréal.

## Production de minéraux non métalliques

Du fait qu'il est difficile d'obtenir des chiffres sur la production canadienne réelle de minéraux non métalliques, et que la première mesure effective est effectuée à la vente, les livraisons faites par les usines sont considérées comme représentant la production dans tous les cas.

Abrasifs naturels. — Ceux-ci comprennent le corindon, les grenats, les galets de broyage, les meules d'usinage et de pulpage du bois, les pierres à affûter, la diatomite et les cendres volcaniques. Le Canada produit de petites quantités de corindon, de grenats et de galets à broyer. Les livraisons de ces matières représentent la production, et la valeur est égale au prix de vente au départ des points de livraison.

Arsenic. — Il n'existe pas de mine canadienne d'arsenic. L'oxyde arsénieux $As_2O_3$ est récupéré comme sous-produit par Kam-Kotia Mines Ltd. à l'usine de sa division Affinage du cobalt, dans le traitement des minerais d'argent-cobalt-nickel de la région de Cobalt (Ontario).

La production est calculée d'après les livraisons d'arsenic affiné, éventuellement augmentées des exportations d'arsenic brut, aux prix départ usine déclarés par les expéditeurs.

Amiante. — Les chiffres de production représentent les livraisons des différentes qualités au prix total de vente, au départ des points de livraison, moins la valeur des contenants.

Barytine. — La production est égale aux livraisons au prix de vente au départ des points de livraison.

Sables bitumineux. — Production à l'échelle expérimentale seulement. Les chiffres s'y rapportant ne sont pas compris aux tableaux de statistiques de production.

Feldspath. — Le feldspath brut est partiellement exporté et partiellement dirigé vers des usines canadiennes de broyage. La production comprend les exportations de la mine à leur prix de vente, ainsi que les livraisons de feldspath broyé faites par les usines canadiennes, au prix de vente départ usine.

Spath fluor. — La production est assimilée aux livraisons des carrières, au prix de vente départ gisement.

Graphite. — La production est assimilée aux livraisons de l'usine, au prix de vente départ usine.

Gypse. — La production est assimilée au tonnage de gypse livré par les carrières ou mines sous forme de pierre, de concassé ou de poudre. Valeur suivant déclarations des exploitants.

Iron oxides (ochre). — Production is the tonnage of crude and treated (dried or calcined) ochres shipped by primary producers at the total selling value, f.o.b. works.

Lithia. — Spodumine concentrates were produced in North-Western Quebec by the Quebec Lithium Corporation. Production represents the lithia or lithium oxide content of the concentrates shipped and the value is that reported by the producer.

Magnesitic-dolomite (magnesite). — Production is the tonnage of crude material sold by primary producers, plus the tonnage of calcined or dead-burned material sold or consumed by primary producers. The value is that reported by the producers.

Mica. — Mine production in this industry comes largely from small operators (farmers) whose mining activities are only of a casual nature. Practically all of these operators sell their crude mica to domestic dressing works, and to prevent duplication, production is recorded as shipments from plants dressing new mica, plus any shipments for export direct from the mines. The value of shipments is taken as reported by operator.

Nepheline syenite. — Production of crude and ground nepheline syenite is the amount of the various grades shipped at the total selling value, f.o.b. works.

Peat moss. — Production is taken as the shipments at the sales value, f.o.b. works, less the value of containers.

Phosphate. — Production represents shipments for sale of crude phosphate rock by mine operators, plus the tonnage of phosphate rock consumed by producer of the crude mineral in the manufacture of chemicals. The value is that reported by producers.

Potash. — Production represents producers' shipments from the plant and is measured as the $K_2O$ equivalent. Value of shipments f.o.b. plant are reported by the producers.

Pozzolan. — Values are those received by the shippers.

Pyrite, pyrrhotite. — In the milling of sulphide ores by some base metal mines pyrite and pyrrhotite is produced as a by-product. Shipments and values of pyrite are reported by the producers. Calcined pyrrhotite is measured as by-products iron ore.

Pyrophyllite. — Statistics for pyrophyllite are included with soapstone and talc. Quantity and value of crude or ground are reported f.o.b. shipping point by the producer.

Quartz. — Production represents the tonnage of crude or pulverized quartz, quartzite, pure silica sand, or other natural silica material shipped for sale, plus the tonnage of any of these materials consumed by the producers. The value is taken as reported by producers.

Salt. — Production is taken as the tonnage of various grades of dry salt shipped by primary producers, plus salt content of brine used by producers for industrial (chemical) purposes. The value is that reported by producers.

Soapstone. — Production represents the tonnage of crude, ground or sawn soapstone shipped at the total selling value, f.o.b. shipping points.

Sodium sulphate. — Production is the tonnage of crude or refined natural sodium sulphate shipped at its selling value, f.o.b. shipping points.

Oxydes de fer (ocres). — La production est assimilée au tonnage d'ocres naturelles ou traitées (séchées ou grillées) livrées par les exploitants, au prix total de vente départ gisement.

Lithine. — La Quebec Lithium Corporation a produit des concentrés de spoduméne dans le Nord-Ouest du Québec. La production est assimilée au contenu de lithine ou d'oxyde de lithium des concentrés livrés; la valeur est celle déclarée par le producteur.

Dolomie. — La production est assimilée au tonnage de matière brute vendu par les exploitants, augmenté de celui de matière calcinée ou grillée, vendu ou consommé par ces exploitants. La valeur est celle déclarée par les producteurs.

Mica. — La production minière de cette industrie provient surtout de petits exploitants (agriculteurs) dont l'activité minière est intermittente. À peu près tous vendent leur mica brut à des ateliers canadiens de préparation, et pour éviter les doubles emplois, la production est prise égale aux livraisons faites par les ateliers traitant le mica neuf, éventuellement augmentées des quantités exportées directement par les mines. La valeur des livraisons est celle déclarée par l'exploitant.

Syénite néphélinique. — La production de syénite néphélinique, brute ou broyée, est égale au volume des différentes qualités livrées, au prix de vente total départ gisement.

Tourbe. — La production est assimilée aux livraisons, au prix de vente départ tourbière, moins la valeur des contenants.

Phosphate. — La production est assimilée aux livraisons de roche phosphatée naturelle faites par les exploitants des mines, augmentées du tonnage de cette roche consommé par le producteur du mineral brut dans la fabrication de produits chimiques. La valeur est celle déclarée par les producteurs.

Potasse. — La production est égale à l'équivalent de $K_2O$ livré par les producteurs, au prix départ usine déclaré par les producteurs.

Pouzzolane. — Les valeurs sont celles reçues par les expéditeurs.

Pyrite et pyrrhotine. — La pyrite et la pyrrhotine sont récupérées comme sous-produits dans le broyage des sulfures par certaines mines de métaux pauvres. Les livraisons et la valeur de la pyrite sont déclarées par les producteurs. La pyrrhotine grillée est mesurée comme sous-produit du minerai de fer.

Pyrophyllite. — Les chiffres sont portés à la rubrique Stéatite et talc. Le volume et la valeur du produit brut ou broyé au départ des points de livraison sont déclarés par le producteur.

Quartz. — La production est assimilée aux livraisons de quartz brut ou pulvérisé, de quartzite, de sable siliceux pur et autres variétés de silice naturelle, augmentées du tonnage consommé par les producteurs. La valeur est celle déclarée par ces derniers.

Sel. — La production est assimilée au tonnage des diverses qualités de sel sec livré par les producteurs de matières premières, plus le contenu en sel de la saumure utilisée par ces producteurs pour leurs opérations industrielles (chimiques). La valeur est celle déclarée par les producteurs.

Stéatite. — La production est assimilée au tonnage livré de stéatite brute, broyée ou sciée au prix de vente total au départ des points de livraison.

Sulfate de sodium. — Ls production est assimilée au tonnage livré de sulfate de sodium naturel brut ou raffiné, aux prix de vente au départ des points de livraison.

Sulphur, in smelter gas. — Prior to final metal recovery sulphide concentrates are smelted or roasted and the resultant gases may be used to produce a marketable sulphur dioxide or sulphuric acid. Production is considered as the sulphur content of sulphuric acid made and sulphur dioxide marketed. This sulphur is valued at the average price for sulphur in pyrite concentrates. The sulphur content in smelter gas is assigned to the provinces from which the concentrates originated as reported by the processors.

Sulphur, elemental. — In the western provinces sour natural gas is processed to remove the hydrogen sulphide which is further reduced to yellow elemental Sulphur. Elemental sulphur is produced in the refining of nickel. Shipments and values are reported by the producers. Elemental sulphur made from imported crude petroleum is not included in the Mineral Production of Canada.

Talc. — Production represents the tonnage of any crude talc shipped, plus any milled or refined talc shipped from mills operated in conjunction with the mines. The value is taken as reported by the mine and mill operators.

Titanium dioxide, etc. — Ilmenite ore is smelted at Sorel, Quebec, to produce a slag containing titanium dioxide. Production is the titanium dioxide content valued by the producer. Included in this item are other titanium products such as Sorelflux. Quantities are not published and the values are for the combined commodities.

## Fuels

Coal. — Production represents the output tonnage, valued at the average realization from sales, f.o.b. mine. Coal put on the waste heap is excluded.

Natural gas. — Production is taken as all new production, less flared field production as measured at the first well head metering point. It also includes gas reproduced from fields less injected gas. Natural gas and natural gas by-products produced by gas processing plants are valued after deducting quantity returned to formation. In addition, for purposes of valuation, processing shrinkage is deducted from natural gas volume.

Crude oil. — Production is taken as all production less that portion returned to formation, valued at well head prices. Production derived from crude bitumen (synthetic crude) is valued at the processing plant gate.

## Structural Materials

Canadian mining statistics include the production of structural materials, such as cement, lime, stone, sand and gravel and bricks made from clay. There is very little production in Canada of clay for sale to brick works, or stone to cement works, and since the raw material has no value until turned into a saleable product, it has been the practice, since mineral production statistics have been compiled in Canada, to count the production of structural materials as part of the mineral production of the country.

Portland cement. — Production represents quantities shipped, plus amounts used by producers. Value is computed on basis of selling values, f.o.b. works.

Clay products. — Production represents shipments of brick and other clay products made from domestic clays and the shipments of unmanufactured clays at the total selling value, f.o.b. works as reported by the operators. Data relating to clay products manufactured from imported clays are not included.

Soufre dans le gaz métallurgique. — Avant d'effectuer la récupération définitive du soufre, les concentrés sulfurés sont fondus ou grillés et les gaz produits peuvent être utilisés pour la fabrication d'anhydride sulfureux et d'acide sulfurique pouvant être vendus sur le marché. On considère que la production est égale au contenu en soufre de l'acide sulfurique produit et de l'anhydride sulfureux vendu. Le soufre est évalué au prix moyen du soufre présent dans les concentrés de pyrite. La part de soufre dans les gaz de fonderie est attribuée aux provinces qui fournissent des concentrés, suivant les déclarations des répondants.

Soufre élémentaire. — Dans les provinces de l'Ouest, on traite le gaz naturel acide afin d'en dégager l'hydrogène sulfuré qui est ensuite réduit en soufre jaune élémentaire. Le soufre élémentaire est également produit lors de l'affinage du nickel. Les producteurs déclarent les livraisons et leur valeur. Le soufre élémentaire provenant du pétrole brut importé n'est pas compris dans les tableaux de Production minérale du Canada.

Talc. — La production est assimilée au tonnage de talc éventuellement livré, soit à l'état brut, soit broyé ou affiné dans les usines voisines des mines. La valeur est celle déclarée par les exploitants de mines et d'usines.

Titane (bioxyde, etc.). — L'ilménite est fondue à Sorel (Québec) afin de produire des scories renfermant du bioxyde de titane. La production est assimilée au contenu de bioxyde de titane évalué par le producteur. Cette rubrique comprend d'autres produits du titane, tel le "Sorelflux". Les quantités ne sont pas publiées et les valeurs sont données pour l'ensemble des produits.

## Combustibles

Charbon. — La production est assimilée au tonnage sortant, au prix de vente moyen au départ de la mine. La fraction mise au rebut n'est pas comprise.

Gaz naturel. — La production est assimilée à l'ensemble de la production nouvelle, moins volume brûlé sur place, mesuré au point de comptage le plus proche du puits. Est également compris le gaz de réextraction, déduction faite de celui qui est injecté. La valeur du gaz naturel et de ses sous-produits obtenus aux usines de traitement est établie sous déduction des quantités renvoyées au crackage. De plus, aux fins d'évaluation, le volume perdu au traitement est soustrait du volume du gaz naturel.

Pétrole naturel. — La production est assimilée à la production intégrale, diminuée des volumes renvoyés au cracking, au prix à la sortie de puits. La production extraite du bitume brut (brut synthétique) est évaluée à la sortie de l'usine de traitement.

## Matériaux de construction

La production des matériaux de construction suivants est donnée dans les statistiques minières: ciment, chaux, pierre, sable et gravier, briques d'argile. Du fait qu'il se produit au Canada très peu d'argile briquetière et de pierre à ciment destinées à la vente, et qu'en tout état de cause ces matières sont sans valeur tant qu'elles n'ont pas été transformées en produits marchands, il est d'usage de faire figurer ces derniers dans les statistiques de production minière, depuis qu'elles sont établies au Canada.

Ciment portland. — La production est assimilée aux livraisons et aux quantités consommées par les producteurs. La valeur est calculée sur le prix de vente départ usine.

Matériaux d'argile. — La production est représentée par les livraisons de briques et autres matériaux fabriqués en argile canadienne, ainsi que celles d'argile non ouvrée, au prix total de vente départ usine déclaré par les exploitants. Les produits fabriqués avec de l'argile importée ne sont pas compris.

Lime. — Production represents the tonnage of hydrated and quicklime shipped (sold by the producer) together with the tonnage of these limes produced and consumed by the producers of chemicals and allied products. The values taken are as reported by the producer. If waste or "spent" lime is "recalcined" or utilized again in the manufacture of such products as calcium carbide, the necessary deductions are made to prevent duplication.

Sand and gravel. — Production represents shipments at the values reported by operators of sand and gravel pits or dredges. Special forms are utilized in the collection of data for sands produced by provincial, municipal and other governments employed on highway, construction or other public works.

Stone. — Production represents quarry shipments of crude or undressed stone, crushed stone, and dressed stone, if the latter is prepared by the quarry operators at values as reported by the operators. The figures include data for both private and public or municipally-owned properties and special questionnaires are sometimes prepared for the collection of statistics from municipalities. Production figures do not include dressed stone prepared from imported stone or prepared from domestic stone in works not at the quarries.

To avoid duplication in computing a total value for Canadian mineral production, the quantity and value of stone consumed in the manufacture of lime and cement are not included in the totals for stone production. These particular data are recorded separately and are published in conjunction with data for the lime and cement industries.

Chaux. — La production est représentée par le tonnage des livraisons de chaux hydratée et de chaux vive faites par les producteurs, ainsi que le tonnage de ces produits consommé par les producteurs dans la fabrication de produits chimiques et assimilés. Les valeurs sont celles déclarées par les producteurs. Pour éviter les doubles emplois, les quantités de chaux de rebut ou éteinte qui sont recalcinées ou réutilisées dans la fabrication des produits tels que le carbure de calcium, font l'objet de déductions.

Sable et gravier. — La production est représentée par les livraisons, aux valeurs déclarées par les exploitants de sablières, de gravières ou de dragues. Des formules spéciales sont utilisées pour recueillir les données sur les sables produits par les pouvoirs publics provinciaux, municipaux et autres, pour la construction routière et autres travaux publics.

Pierre. — La production est assimilée aux livraisons de pierre brute, de pierre concassée, et de pierre taillée lorsque cette dernière est ouvrée par les exploitants des carrières; la valeur est celle déclarée par les exploitants. Les renseignements concernent le domaine des particuliers et celui de l'État ou des collectivités locales; des questionnaires spéciaux servent parfois à la collecte des statistiques municipales. Les chiffres de production ne comprennent pas la pierre taillée dans une matière importée, ni celle taillée dans la pierre canadienne mais en ateliers et non à la carrière.

Afin d'éviter les doubles emplois dans le calcul de la valeur totale de la production minérale canadienne, la production totale de pierre ne comprend pas les quantités et valeurs de pierres consommées dans la fabrication de la chaux et du ciment. Ces dernières données sont recueillies séparément, et publiées avec les statistiques des industries de la chaux et du ciment.

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| 44-215 | Clay Products Manufacturers (from domestic clays), Bil. |
| 44-209 | Lime Manufacturers, Bil. |
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| 26-217 | Stone Quarries, Bil. |
| 26-207 | Contract Drilling for Petroleum and Other Contract Drilling, Bil. |
| 26-202 | Canada's Mineral Production (Preliminary Estimate), E. |
| 26-203 | Preliminary Report of Mineral Production, Bil. |
| 26-204 | Mineral Industries: Principal Statistics, Bil. |
| | **Monthly** |
| 26-007 | Production of Canada's Leading Minerals, Bil. |
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| 44-001 | Cement, Bil. |
| 44-005 | Products Made from Canadian Clays, Bil. |
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| 26-003 | Copper and Nickel Production, Bil. |
| 26-004 | Gold Production, Bil. |
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