

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA,
AUSTRALIA

PRIMARY INDUSTRIES

PART II.—NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

1961-62

BULLETIN No. 56

PREPARED UNDER INSTRUCTIONS FROM THE RIGHT HONORABLE THE TREASURER
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PRIMARY INDUSTRIES, 1961-62

PART II.—NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

PREFACE

This bulletin of production statistics contains statistics of primary industries for the year 1961-62. Prior to 1936-37, particulars of all primary and secondary industries were included in the one bulletin, but for 1936-37 and subsequent years, two separate bulletins, the Primary Industries Bulletin and the Secondary Industries Bulletin, have been issued.

From 1950-51, the Primary Industries Bulletin has been issued in two Parts. Part I.—Rural Industries contains general statistics of rural industries (excluding values), while this Part (Part II.—Non-Rural Industries and Value of Production) contains the remaining statistics of Australia's primary industries.

Most of the information contained in this bulletin has been supplied by the Deputy Commonwealth Statistician in each State and by State and Commonwealth Mining, Forestry and Fisheries authorities, to whom I tender my thanks for their valuable co-operation.

I am especially indebted to Mr. F. D. Bagley, B.A., Supervisor of the Primary Production Branch, and to Mr. M. J. Sattler, B.A., B.Sc., and other officers of the Branch, for the care and attention bestowed on the compilation of this bulletin, and the preparation of the material for the Printer.

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Commonwealth Bureau of Census and Statistics,
Canberra, A.C.T., November, 1963.

PART II.—NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

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A.—NON-RURAL INDUSTRIES

SECTION L—MINING AND QUARRYING

Scope of Statistics.—The statistics included in this section comprise particulars of the production of minerals (mine and quarry products), production of metals (smelter and refinery products), utilization of coal and sulphur, overseas trade in minerals and metals, various statistics of mine and quarry operations and mining accidents. In general, the statistics relate to the calendar year.

Source of Statistics.—In the main, the statistics in this section consist of official statistics of the Mines Departments of the several States and of the Northern Territory Mines Branch. The particulars shown have been compiled as far as practicable on the standardized basis which has been used in Australia since 1950 and this presentation has involved some rearrangement of official statistics published by Mines Departments in some States. These statistics have been supplemented, as necessary, by data obtained from the Deputy Commonwealth Statisticians of the several States, the Commonwealth Bureau of Mineral Resources, the Joint Coal Board and certain other sources.

Mineral Industry Data.—The mineral industry includes all mining and quarrying and the recovery of minerals from ore dumps, tailings, &c. Ore-dressing and elementary smelting of metallic minerals (e.g., in the case of gold) and miscellaneous treatment of non-metallic minerals, where these are carried out in an associated plant at or near the mine, are included in the mineral industry. However, establishments primarily engaged in smelting and/or refining (including the smelting and refining sections of the large plants operated at Mt. Morgan and Mt. Isa in Queensland and at Mt. Lyell in Tasmania) are omitted and classified to the manufacturing industry.

Also included in the mining and quarrying industry are "quarries" operated by brickworks, cement works, &c., and those winning direct construction materials such as sand, gravel, building stone, and broken and crushed stone for road making, &c. The gathering of salt deposited in evaporation pans from brine solutions is also included in the mining industry. The data include estimates of value of output and value of production for fossicking activities, but fossickers and men engaged on small sundry claims are excluded from tables showing numbers of mines and employment. Activities associated with prospecting and the exploration for minerals are excluded. Mining properties under development are included.

For mines and quarries which produce more than one product, it is not possible to apportion to the minerals produced particulars relating to the operations of the mine (employment, salaries and wages paid, and costs incurred in production). It is, therefore, the practice to record these data only as a total for each mine which is then classified by industry on the basis of the most important mineral produced. Thus a mine producing, say, both tin and tungsten minerals, is classified as a tin mine if tin is the more important product by value, and as a tungsten mine if tungsten is the dominant product. The individual industries are classified into four major groups (Metal Mining, Fuel Mining, Non-Metal (excluding Fuel) Mining, and Construction Material Quarrying). This detailed classification has been used in compiling industry statistics included in this Bulletin, with the exception that one major producer of copper, lead, and zinc has been classified to the Silver-Lead-Zinc Mining Industry, even though in recent years the value of copper from the mine has exceeded that of other products. In practice, much of the data for individual industries has had to be grouped for publication to avoid revealing information supplied by the limited numbers of mines or quarries classified to certain mining industries.

Mineral industry data are obtained annually from the Mining and Quarrying Census, which was conducted in all States for the first time in 1952. This census is carried out in co-operation with the several Mines Departments and involves the uniform collection of particulars from all establishments employing on the average four or more persons during the period worked by the mine. A specimen of the schedule used in Victoria for the 1961 collection is included on pages 47 and 48. This may be taken as representative of those used in all States and the Northern Territory. For smaller mines, either simplified Census returns covering number of persons employed and value of output are collected, or these particulars are compiled from data made available by the Mines Departments.

The coverage of the collection in respect of "quarrying" of construction materials has been incomplete in some degree in most States. This deficiency has been due primarily to the inherent difficulty of obtaining complete lists of quarries (including those operated by governmental and local governmental authorities) many of which operate intermittently and in different locations. There has been difficulty also in obtaining satisfactory returns from quarries operated in conjunction with some other activity, e.g. road-making, brickworks, &c. However, attempts are continually being made to improve coverage of this industry. In particular a much wider coverage was obtained in Victoria in 1961. Hence the data shown for quarrying in Victoria in 1961 are not strictly comparable with similar information for previous years. The activities of quarries operated in conjunction with large construction projects such as the Snowy Mountains scheme, are excluded from these statistics. Usually such quarries are closely associated with other works in the project, and employees, plant and machinery, &c., employed in quarries spend considerable time on work other than quarrying. It is difficult to obtain an apportionment of such items to purely quarrying activities.

In some States, there have been deficiencies also in the collection of data for certain non-metal (excluding fuel) mining industries due principally to these being outside fields normally under the administrative control of Mines Departments. Products chiefly affected are clays, loam, salt and silica and, in general, in these cases statistics have been collected direct from producers.

Particulars of oil search operations have been excluded from all tables in accordance with the definition of the mining industry set out above. Details of the activities of establishments engaged in the mining and treatment of uranium ore have been excluded because of the confidential nature of these operations.

Mineral Product Data.—In the preparation of Australian mineral production statistics, the quantities and values of individual minerals produced are reported in terms of the products in the form in which they are dispatched from the locality of each mine. For example, in the case of a metal mine, the output is recorded as ore when no treatment is undertaken at the mine, and as a concentrate where ore-dressing operations are carried out in associated works in the locality of the mine. In addition to the basic quantity data, the contents of metallic minerals and contents or average grade of selected non-metallic minerals are reported. Whenever practicable, contents (based on assay) of metallic minerals are shown for each metal which is a "pay metal" or a "refiners' prize" when present in the particular mineral. Other metallic contents which are not recovered are excluded.

Particulars relating to uranium-bearing minerals are excluded. It should be noted that the deficiencies relating to mineral industry data, listed above, apply also to mineral product data. Particulars of construction materials quarried in the Australian Capital Territory are included in the Northern Territory figures as the data are not available for publication separately.

Definitions.—Definitions of the principal terms used in the statistics of mining and quarrying are shown below.

Persons Employed. All persons, including working proprietors, engaged in and around the mine on mining and developmental operations, in underground and surface workshops, in crushing and ore-dressing operations, in carting to crushing or dressing works at or near the mine (to screens at coal mines), and in removal of overburden, are included. Salaried staff engaged in the management of the mine are included but head office staffs excluded.

Employment statistics shown in this Bulletin have been compiled on the three following bases.

(1) *Average employment during period worked.* This represents the aggregate of the average number of persons employed in each mine or quarry during its period of operation (whether the whole or only part of the year).

(2) *Average employment during the whole year.* These figures show the total man-years of labour input in a particular year and are calculated for each mine from average employment for period worked (i.e. from (1) above) proportionally on the basis of the actual period worked expressed in weeks.

(3) *Employment at end of year.* These figures show the number of persons working in mines and quarries at a particular point of time. As many mines close for the Christmas-New Year period, figures are recorded only if the last day of employment falls in December.

Salaries and Wages Paid. These relate to amounts paid to employees (excluding drawings by working proprietors), including amounts capitalized as well as those charged to working expenses. The amounts are gross (including holiday and sick pay) before any deduction has been made for income tax, pensions, &c. The value of explosives sold to employees has, however, been deducted.

Value of Power, Fuel and Light Used. This includes all fuels and purchased electricity. The amounts shown relate only to items charged to working expenses and exclude amounts capitalized or charged to mine development. In general no value is shown for electricity generated at the mine, but the fuels used in generation are included. In certain cases, however, where the mine power-house is relatively large, it has been classified for statistical purposes as a separate establishment and included in manufacturing. In these cases, electricity is shown as "Purchased" and fuels used in generation are excluded.

Value of Materials and Stores Used. This includes timber and explosives (including the value of explosives sold to employees) and other mining and ore-dressing materials and stores, materials used in repairs effected by own workmen (labour costs being included in wages), tools replaced and repairs effected by non-employees of the mine. The amounts refer to working expenses only and exclude amounts capitalized.

Value of Output. The amounts shown under this heading represent selling value at the mine or quarry (or associated ore crushing or dressing plant) (i.e., selling value at point of sale less transport costs from the mine or quarry to the point of sale) of ores, concentrates or other minerals produced during the year. Operators were instructed to value output on the basis of the value of minerals produced during the year (i.e. as distinct from sales or dispatches), including estimated values in respect of any portion of the year's production for which final realizations had not been made at the time of completing the return. Subsidy and bounty payments received have been included. The amounts represent the "selling value" of the minerals won after treatment such as crushing and ore dressing done at or near the mine. Value added by the processes of reduction of ores, concentrates, &c., to a metal is excluded. "Producer-consumers" (e.g. of limestone in the case of a cement manufacturer) were asked to value output on the basis of production costs of mining and treatment done at the mine (e.g. crushing, but in the case of a cement manufacturer as cited above, costs incurred in the manufacture of cement as such should be excluded), plus an allowance for business overhead and profit.

Value of Production. The value of production of any industry has been defined by Australian Statisticians as "the value of consumable commodities produced during the year, deducting, as far as possible, the value of goods consumed in the process of production". Value of production is the only satisfactory measure to use when comparing or combining value of mining and quarrying operations with values of other activities. The value of production for mining and quarrying shown in this Bulletin has been calculated by deducting from value of output the value (at the mine or quarry) of fuel, power and light and timber, explosives and other materials and stores used (including costs of repairs). Certain information on depreciation of plant, land and buildings and mine development was collected, but, because of its generally unsatisfactory nature, depreciation has not been deducted in arriving at value of production.

Many other costs and expenses such as royalties, maintenance (other than repairs) of buildings and plant, workers' compensation and other insurance, taxation, &c., have also not been deducted in arriving at value of production. Consequently, when salaries and wages are deducted from value of production, only portion of the balance is available as interest and profits.

In tables Nos. 45 and 46, particulars of the value of output and value of production of all mining and quarrying are shown for the years 1936 to 1961. The estimates for 1952 to 1961 have been based on the Australia-wide industrial censuses (supplemented by other relevant data), while those for earlier years have been calculated from the results of industrial censuses in some States and from Mines Department records and other available data. The estimates for 1951 and earlier years are approximate and, as value added in ore-dressing and similar treatment plants situated at or near the mine was excluded in some cases, they are not strictly comparable with the later valuations, which uniformly include the value of such mine treatment. Estimates of the value of individual mine and quarry products produced corresponding to the value of output of all mines and quarries are shown in Table No. 5.

Other Relevant Publications.—Further detailed information on the mineral industry in Australia is contained in *The Australian Mineral Industry—Annual Review* and other publications issued by the Bureau of Mineral Resources, Geology and Geophysics, which also issues, in co-operation with this Bureau, a quarterly publication, *The Australian Mineral Industry—Quarterly Review*. The mimeographed statistical bulletin *Mining and Quarrying* of this Bureau contains annual statistics of the industry prepared and published as soon as possible after the data have been compiled. A monthly statistical bulletin *The Gold Mining Industry* is issued also, and other current information on mining or mine products is contained in the *Quarterly Summary of Australian Statistics*, the *Monthly Review of Business Statistics*, the *Digest of Current Economic Statistics*, and the *Monthly Bulletin of Production Statistics* issued by this Bureau. Further particulars of the Australian Mineral Industry, including descriptive data, may be found in the *Official Year Book*.

SECTION II.—FORESTRY

Scope of Statistics.—The statistics included in this section comprise particulars relating to the activities of State Forestry Departments and private organizations engaged in forestry; quantity and value of production of forest products from all sources; logs used by Sawmills, Plywood and Veneer Mills and other Woodworking Establishments for sawing, peeling and slicing; output of sawn, &c., timber and of plywood and veneers; and imports and exports of timber and timber products.

Source of Statistics.—Statistics relating to forestry are, in general, provided by the various authorities concerned with forestry administration. In each State, suitable areas of Crown Land have been reserved for forestry purposes, either as State forests or other reserves, and the administration of these is the responsibility of the respective State Government forestry authorities. In addition, in some States, areas of forests on Crown Lands dedicated as National Parks and the like are administered by Government Departments other than the forestry authorities. There are timber resources on private land in each State, but details concerning these areas and production therefrom are not complete for all States. Forestry activities in the Northern Territory and the Australian Capital Territory are administered by the Commonwealth Government.

Particulars of forested areas contained in this section have been collected by the Statisticians of the several States mainly from information provided by the State forestry authorities. The Commonwealth Forestry and Timber Bureau has provided figures for the Northern Territory and the Australian Capital Territory, and in addition has made available certain other data.

Statistics of timber by-products have been compiled from the annual factory collections undertaken by the Statisticians in the several States. Figures of production of eucalyptus oil, gums and resins and tanning barks have been provided by the State forestry authorities.

Data of imports and exports of forest products and timber and timber products have been compiled in the Commonwealth Bureau of Census and Statistics as part of the statistics of overseas trade.

All figures shown are for the financial years ended 30th June.

Forested areas shown in this section relate to areas administered by the State or Commonwealth authorities or to those reserved by government legislation. They are not based on any inventory of forest resources using standard and uniform definitions throughout Australia. It should be noted therefore that the figures are not comparable between States owing to the lack of uniformity in the interpretation of the definition of a forest.

Other Relevant Publications.—The annual bulletin *Secondary Industries* contains information on the sawmilling industry, &c., and the annual *Manufacturing Industries Bulletin* No. 27: *Sawmilling* contains details of that industry. Further particulars of Australian forestry, including descriptive data, may be found in the *Official Year Book*.

SECTION III.—FISHING AND WHALING

Scope of Statistics.—The data in this section comprise: numbers of boats engaged, value of boats and equipment, and persons employed in the General Fisheries, Edible Oyster Fisheries and Pearl, Pearl-shell and Trochus-shell Fisheries; quantity and value of fish, &c., taken; imports and exports of fish and fish products; and similar data for the Whaling Industry.

Source of Statistics.—Fisheries statistics in Australia are, in general, collected by the various authorities responsible for the administration of the industry. The fisheries within territorial waters (i.e. within three miles of the shore) are administered by State Departments, while the Fisheries Division of the Department of Primary Industry develops and administers fisheries in extra-territorial waters and co-ordinates fisheries administration.

Statistics of production of fish, crustaceans, molluscs and pearl-shell and trochus-shell included in this section have been collected and supplied by State fisheries authorities through the Statisticians of the several States. They relate to commercial production and, in general, exclude the catch by amateur fishermen. As in most States information is obtained from returns collected from licensed professional fishermen, it is likely that the recorded production may be understated to some extent on account of the commercial catch by persons not licensed as professional fishermen and of the unrecorded catch by professional fishermen. Statistics have been provided on a year ended 30th June basis, although figures for pearl-shell and trochus-shell refer to the season ended December or January of the fiscal year shown.

Particulars of whaling, which are published on a calendar year basis, have been collected and supplied for publication by the Fisheries Division of the Department of Primary Industry.

Data of imports and exports of fisheries and whaling products have been compiled in the Commonwealth Bureau of Census and Statistics as part of the statistics of overseas trade.

Presentation of Fisheries Statistics.—In the publication of Australian fisheries production statistics, the quantities of individual products are shown, in the main, in terms of the form in which they are taken from the water. For example, the statistics of fish production published in this section are in terms of "estimated live weights" which are calculated from landed weights by using conversion factors for each species in each State. These conversion factors allow for the fact that the quantities of fish reported are frequently in a gutted, headed and guted, or otherwise reduced condition. Crustaceans are reported on a "whole weight" basis and molluscs (edible) on a "gross (in-shell) weight" basis. The figures of pearl-shell and trochus-shell refer to the quantities of dry shell for sale and exclude the weight of the fish.

The catch is generally shown according to the State in whose waters it was taken. However, a quantity of shark and crayfish taken by Victorian-based fishermen in Tasmanian waters, but marketed in Victoria, has been included in the Victorian catch, since the economy of that State is most directly affected. Similarly, pearl-shell taken by Queensland luggers operating in Northern Territory waters has been included in the Queensland take. Pearl-shell taken by Japanese pearlers operating in Australian waters is excluded from Australian production figures.

Other Relevant Publications.—The annual mimeographed statistical bulletin *Fishing and Whaling* contains detailed statistics on this industry prepared and published as soon as possible after the data have been compiled. Further particulars of Australian fisheries, including descriptive data, may be found in the *Official Year Book*.

SECTION I.—MINING AND QUARRYING

NOTE.—Where used in this Section, a "ton" is the long ton of 2,240 lb.; a "unit" is 22.4 lb.; and a "short ton" is 2,000 lb.

No. 1.—Mineral Production: Quantity of Minerals Produced, 1961

NOTE.—Preliminary figures of total Australian Production for 1962 are shown in Tables Nos. 3 and 4

Mineral	Unit of Quantity	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australia
METALLIC MINERALS									
Antimony Ore	ton	—	2	—	—	—	—	—	2
Antimony Content	—	—	1	—	—	—	—	—	1
Antimony Concentrate	ton	188	—	—	—	—	—	—	188
Antimony Content	—	116	—	—	—	—	—	—	116
Bauxite	ton	2,437	3,539	10,000	—	—	—	—	15,976
Al ₂ O ₃ Content	—	929	2,035 (a)	4,500	—	—	—	—	(b) 7,464
Beryllium Ore	ton	36	—	—	9	261	—	—	306
BeO Content	unit	490	—	—	(a) 120	2,975	—	—	3,585
Bismuth Concentrate	lb.	—	—	—	—	911	—	—	911
Bismuth Content	—	—	—	—	—	602	—	—	602
Copper Ore(s)	ton	222	52	59,901	8	7,384	7,619	29	75,215
Copper Content	—	21	8	3,406	2	729	378	5	4,549
Gold Content	fine oz.	—	—	—	—	—	153	—	153
Silver Content	—	582	—	11	—	—	9,151	—	9,744
Copper Concentrate	ton	4,642	—	272,854	—	6,291	48,976	41,007	373,770
Copper Content	—	905	—	62,572	—	1,477	11,308	10,187	86,449
Gold Content	fine oz.	2,556	—	49,690	—	2,983	7,089	18,354	80,672
Silver Content	—	82,179	—	442,070	—	8,785	43,304	82,124	658,462
Copper Precipitate	ton	84	—	9	—	—	16	—	825
Copper Content	—	57	—	5	—	—	8	—	530
Gold Concentrate	ton	1	—	—	—	—	—	—	1
Gold Content	fine oz.	385	—	—	—	—	—	—	385
Silver Content	—	98	—	—	—	—	—	—	98
Gold—Other Forms(d)	oz.	586	(e)	(e)	(e)	(e)	(e)	(e)	(e)
Gold Content	fine oz.	368	26,229	15,096	55	867,675	446	57,291	967,160
Silver Content	—	43	573	17,133	—	200,573	—	9	218,331
Ilmenite Concentrate	ton	2,012	—	4	—	164,384	—	—	166,400
TiO ₂ Content	—	905	—	2	—	92,838	—	—	93,745
Iron Ore(f)	ton	—	—	—	3,982,493	1,359,548	—	—	5,342,041
Iron Content	—	—	—	—	2,581,313	852,663	—	—	63,433,976
Iron Oxide—	—	—	—	—	—	—	—	—	—
For Gas Purification	ton	565	690	—	—	—	191	—	1,446
For Cement Manufacture	—	17,922	—	1,746	—	—	2,118	—	21,786
For Coal Washing	—	1,260	—	—	—	—	—	—	1,260
For Fluxing	—	—	—	—	8,850	—	—	—	8,850
Lead Ore(g)	ton	345	—	7,482	—	—	—	16	7,743
Lead Content	—	42	—	686	—	—	—	11	739
Silver Content	fine oz.	4,465	—	26,585	—	—	—	49	31,099
Zinc Content	—	—	—	—	—	—	—	(h)	(h)
Lead Concentrate	ton	277,910	—	91,440	—	597	12,345	—	382,292
Lead Content	—	207,716	—	43,631	—	433	7,230	—	259,010
Silver Content	fine oz.	7,050,980	—	3,255,043	—	289	357,156	—	10,663,468
Gold Content	—	7,088	—	—	—	—	3,889	—	10,977
Zinc Content	ton	12,256	—	7,590	—	—	1,924	—	21,770
Antimony Content	—	563	—	—	—	—	—	—	563
Cadmium Content	—	—	—	—	—	—	—	—	—
Copper Content	—	2,045	—	522	—	—	79	—	2,646
Sulphur Content	—	42,667	—	—	—	(a) 84	2,531	—	45,282
Lead-Copper Concentrate	ton	—	—	—	—	—	8,057	—	8,057
Lead Content	—	—	—	—	—	—	2,733	—	2,733
Copper Content	—	—	—	—	—	—	731	—	731
Silver Content	fine oz.	—	—	—	—	—	799,031	—	799,031
Gold Content	—	—	—	—	—	—	12,572	—	12,572
Zinc Content	ton	—	—	—	—	—	1,178	—	1,178
Sulphur Content	—	—	—	—	—	—	2,135	—	2,135

(a) Estimated. (f) Partly estimated. (e) Includes cuprous ore for fertilizer.

(f) Iron oxide for metal extraction. (g) Includes lead-silver ore and lead-silver-zinc ore.

(d) Bullion, alluvial, retorted gold, &c.

(h) Less than half a ton.

(a) Not available.

MINING AND QUARRYING

5

No. 1.—Mineral Production: Quantity of Minerals Produced, 1961—continued

Mineral	Unit of Quantity	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australia
METALLIC MINERALS—continued									
Manganese Ore—									
Metallurgical Grade	ton			2,465		83,374			85,839
Manganese Content	"			(a) 1,109		39,880			40,989
Battery Grade	"	883				286			1,169
MnO ₂ Content	"	612				204			836
Other Grades	"				295			108	403
MnO ₂ Content	"				(a) 192			76 (b)	268
Molybdenite Concentrate	lb.	2,300		672					2,972
MoS ₂ Content	lb.	2,070		(a) 560					2,630
Monazite Concentrate	ton	154		138		1,255			1,547
Monazite Content	"	144		127		(a) 1,192			(b) 1,463
Platinum Concentrate	oz.	3							3
Platinum Content	"	2							2
Pyrite Concentrate	ton	31,138		9,375	69,493	52,397	51,020		213,423
Sulphur Content	"	14,949		4,829	(a) 33,357	23,962	25,053		102,150
Gold Content	fine oz.					(c)			(c)
Rutile Concentrate	ton	66,607		33,908		916			101,431
TiO ₂ Content	"	64,284		33,056		880			98,220
Tantalite-Columbite Concentrate	lb.					31,808			31,808
Ta ₂ O ₅ +Nb ₂ O ₅ Content	"					13,814			13,814
Tin Concentrate	ton	238		1,887		341	1,390	14	3,870
Tin Content	"	173		(a) 1,350		231	986	5	2,745
Tungsten Concentrates—									
Scheelite Concentrate	ton	(d)					1,017		1,017
WO ₃ Content	"	(d)					709		709
Wolfram Concentrate	ton	(d)		2			1,117	23	1,142
WO ₃ Content	"	(d)		1			810	16	827
Zinc Ore for Fertilizer	ton				70				70
Zinc Content	"			(a) 12					(a) 12
Zinc Concentrate	ton	425,442		49,021			68,177		542,640
Zinc Content	"	225,578		25,629			36,990		288,197
Lead Content	"	3,921		963			2,290		7,174
Silver Content	fine oz.	309,610		141,942			227,381		678,933
Gold Content	"	1,637					2,736		4,373
Cadmium Content	ton	790					62		852
Cobalt Content	"	65					(d)		65
Copper Content	"	485		15			239		721
Manganese Content	"	4,107					185		4,292
Sulphur Content	"	137,043		(a) 15,686			22,570		175,299
Zircon Concentrate	ton	100,085		29,016		7,361			136,462
Zircon Content	"	98,421		28,775		(a) 7,287			134,483

FUEL MINERALS

Coal, Black—									
Semi-anthracite	ton			56,437			2,142		58,579
Bituminous	"	19,020,805	66,363	2,650,367			253,686		21,991,221
Sub-bituminous	"			75,362	1,115,156	765,740			1,956,258
Total Black Coal	"	19,020,805	66,363	2,782,166	1,115,156	765,740	255,828		24,006,058
Coal, Brown (Lignite)	ton		16,279,168						16,279,168

NON-METALLIC (EXCLUDING FUEL) MINERALS

Asbestos—									
Chrysotile—Fibre	short ton	777				175			952
Fines	"	17							17
Total Chrysotile	"	794				175			969
Crocidolite—Fibre	"					15,777			15,777
Barite	ton	60			19,157				19,217

(a) Estimated.

(b) Partly estimated.

(c) Included with gold—other forms.

(d) Less than half a ton.

NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

No. 1.—Mineral Production: Quantity of Minerals Produced, 1961—continued

Mineral	Unit of Quantity	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australia
NON-METALLIC (EXCLUDING FUEL) MINERALS—continued									
Clays—						587			587
Bentonite	ton			307					307
Bentonitic Clay	"	2,005,679	a1,089,000	299,594	311,257	484,996	153,156		4,343,682
Brick Clay and Shale	"	158,527	(c)	(c)	11,651	17,864	(c)		118,042
Cement Clay and Shale(b)	"				508				508
Damouritic Clay	"	113,055	25,584	11,587	25,576	26,384			202,186
Fireclay, n.e.s.	"	151				41			192
Fuller's Earth	"	37,666	9,016	60	2,142	772	1,232		51,088
Kaolin (including Ball Clay)	"	107,614			2,135	46,829			156,578
Stoneware Clay	"	144,555	(c)	(c)	(c)	(c)	6,075		150,630
Tile Clay(b)	"	5,169	(a)142,083	(c)	(c)	(c)	14,553		161,805
Other Clays(b)	"								
Diatomite	ton	4,331	507	579					5,417
Dolomite(d)	ton	4,796		2,132	183,214	374	1,108		191,624
Felspar (including Cornish Stone)	ton	5,378			1,641	1,190			8,209
Garnet Concentrate	ton			63					63
Gems—(Value Only)—					765,052				830,052
Opal	£	65,000							8,047
Sapphire	"	3,332		4,715					750
Other	"	750							
Gypsum—									
Washed	ton	55,036							55,036
Unwashed	"	42,214	80,223		387,289	45,145			554,871
Total Gypsum	"	97,250	80,223		387,289	45,145			609,907
Limestone (including Shell and Coral)(d)	ton	2,575,599	1,243,154	(e)	1,105,268	(e)	203,342	130	6,145,541
Lithium Ores	ton	24				101			125
Li ₂ O Content	unit	190				442			632
Loam, for Foundry Moulding(b)	ton	19,306							19,306
Magnesite, Crude	ton	88,511			659	9,625			98,795
Mica, Muscovite, Crude and Film	lb.							185,920	185,920
Mineral Pigments—									
Red Ochre	ton					117	75		192
Yellow Ochre	"					177			177
Pebbles, for Grinding	ton	79			85		453		617
Perlite	ton			394					394
Phosphate Rock	ton				4,759	115			4,874
Pyrophyllite(f)	ton	1,288							1,288
Salt(b)	ton		(e)	(e)	387,433	(e)		807	508,657
Serpentine	ton	909							909
Silica (Glass, Chemical, &c.)(b)	ton	150,891		29,226	22,769	8,274	1,415		212,575
Sillimanite	ton	254			1,533				1,787
Talc (including Steatite)	ton	825			7,571	5,149			13,545

CONSTRUCTION MATERIALS(g)

Sand	ton	2,937,091	2,527,787	(c)	1,862,979	(c)	34,270	(h) 65,278	7,427,405
River Gravel and Gravel Boulders	"	1,449,680	3,040,120	(c)	910,971	(c)	611,922	(h) 5,246	6,017,939
Dimension Stone	"	353,911	6,877	2,324	39,703	129,735	278	100	532,928
Crushed and Broken Stone	"	3,793,954	11,296,907	1,869,992	8,608,918	949,161	571,147	(h)212,805	27,302,884
Other (Decomposed Rock, &c.)	"	14,798,194	1,658,462	(c)	(c)	(c)	25,277	(c)	16,481,933

(a) Estimated. (b) Incomplete; see Introductory Notes on page 1. (c) Not available. (d) Excludes quantities used directly as a building or road material. (e) Not available for publication, included in total for Australia. (f) Includes chlorine. (g) Incomplete owing to difficulties of coverage. (h) Includes Australian Capital Territory, details of which are not available for publication.

MINING AND QUARRYING

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No. 2.—Mineral Production: Contents of Metallic Minerals Produced, 1961

NOTE.—Preliminary figures of total Australian Production for 1962 are shown in Table No. 4.

Mineral in which Contained	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australia
ALUMINA (Al ₂ O ₃) (TONS)								
Bauxite	929	2,035	(a) 4,500	..	..	..	..	(b) 7,464
ANTIMONY (TONS)								
Antimony Ore	..	1	..	..	..	..	..	1
Antimony Concentrate	116	..	..	..	..	..	..	116
Lead Concentrate	563	..	..	..	..	..	..	563
Total	679	1	..	..	..	..	..	680
BERYLLIUM OXIDE (BeO) (UNITS OF 22.4 lb.)								
Beryllium Ore	490	..	..	(a) 120	2,975	..	..	3,585
BISMUTH (LB.)								
Bismuth Concentrate	..	..	..	..	602	..	..	602
CADMIUM (TONS)								
Lead Concentrate	55	..	..	..	..	..	..	55
Zinc Concentrate	790	..	..	..	..	62	..	852
Total	845	..	..	..	..	62	..	907
COBALT (TONS)								
Zinc Concentrate	65	..	..	..	..	(c)	..	65
COPPER (TONS)								
Copper Ore(d)	21	8	3,406	2	729	378	5	4,549
Copper Concentrate	905	..	62,572	..	1,477	11,308	10,187	86,449
Copper Pyrite	57	..	5	..	..	8	460	530
Lead Concentrate	2,045	..	522	..	..	79	..	2,646
Lead-Copper Concentrate	..	..	..	..	..	731	..	731
Zinc Concentrate	482	..	..	..	..	239	..	721
Total	3,510	8	66,505	2	2,206	12,743	10,652	95,626
GOLD (FINE OZ.)								
Copper Ore	..	..	..	..	..	153	..	153
Copper Concentrate	2,556	..	49,690	..	2,983	7,089	18,354	80,672
Gold Concentrate	385	..	..	..	..	..	..	385
Gold—Other Forms(e)	368	26,229	15,096	55	867,675	446	57,291	967,160
Lead Concentrate	7,088	..	..	..	..	3,859	..	10,977
Lead-Copper Concentrate	..	..	..	..	..	12,572	..	12,572
Pyrite Concentrate	..	..	..	..	(f)	..	..	(f)
Zinc Concentrate	1,637	..	..	..	..	2,736	..	4,373
Total	12,034	26,229	64,786	55	870,658	26,885	75,645	1,076,292
IRON (TONS)(g)								
Iron Ore	..	..	..	2,581,313	852,663	..	..	3,433,976
LEAD (TONS)								
Lead Ore	42	..	686	..	..	..	11	739
Lead Concentrate	207,716	..	43,631	..	433	7,230	..	259,010
Lead-Copper Concentrate	..	..	..	..	..	2,733	..	2,733
Zinc Concentrate	3,921	..	963	..	..	2,290	..	7,174
Total	211,679	..	45,280	..	433	12,253	11	269,656

(a) Estimated gold, &c.

(b) Partly estimated.

(c) Less than half a ton.

(d) Includes cuprous ore for fertilizer.

(e) Bullion, alluvial, retorted

(f) Included with gold—other forms.

(g) Excludes iron content of iron oxide not intended for metal extraction.

NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

No. 2.—Mineral Production: Contents of Metallic Minerals Produced, 1961—*continued*

Mineral in which Contained	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australia
MANGANESE (TONS)								
Manganese Ore—Metallurgical Grade	..	..	(a) 1,109	..	39,880	..	..	40,989
Zinc Concentrate	4,107	..	..	..	..	185	..	4,292
Total	4,107	..	(a) 1,109	..	39,880	185	..	45,281
MANGANESE DIOXIDE (MnO ₂) (TONS)								
Manganese Ore—Battery Grade	..	632	..	..	204	..	..	836
Other Grades	..	..	..	(a) 192	..	..	76 (b)	268
Total	..	632	..	(a) 192	204	..	76	1,104
MOLYBDENUM DISULPHIDE (MoS ₂) (LB.)								
Molybdenite Concentrate	..	2,070	(a) 560	..	..	..	..	2,630
MONAZITE (TONS)								
Monazite Concentrate	..	144	..	127	(a) 1,192	..	(b) 1,463	..
PLATINUM (OZ.)								
Platinum Concentrate	..	2	..	..	..	..	..	2
SILVER (FINE OZ.)								
Copper Ore	..	582	..	11	..	9,151	..	9,744
Copper Concentrate	..	82,179	..	442,070	..	43,304	82,124	658,462
Gold Concentrate	..	98	..	..	..	..	..	98
Gold—Other Forms(c)	..	43	573	..	200,573	..	9	218,331
Lead Ore	..	4,465	..	26,585	..	..	49	31,099
Lead Concentrate	..	7,050,980	..	3,255,043	..	289	357,156	10,663,468
Lead-Copper Concentrate	..	..	..	..	..	799,031	..	799,031
Zinc Concentrate	..	309,610	..	141,942	..	227,381	..	678,933
Total	..	7,447,957	573	3,882,784	..	209,647	1,436,023	13,059,166
SULPHUR (TONS)								
Lead Concentrate	..	42,667	..	..	(a) 84	2,531	..	45,282
Lead-Copper Concentrate	..	..	..	..	..	2,135	..	2,135
Pyrite Concentrate	..	14,949	..	4,829	(a) 33,357	23,962	..	102,150
Zinc Concentrate	..	137,043	..	(a) 15,686	..	22,570	..	175,299
Total	..	194,659	..	(b) 20,515	(a) 33,357	24,046	52,289	324,866
TANTALITE-COLUMBITES (Ta ₂ O ₅ +Nb ₂ O ₅) (LB.)								
Tantalite-Columbite Concentrate	..	..	..	..	13,814	..	..	13,814
TIN (TONS)								
Tin Concentrate	..	173	(a) 1,350	..	231	986	5	2,745

(a) Estimated. (b) Partly estimated. (c) Bullion, alluvial, retorted gold, &c.

MINING AND QUARRYING

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No. 2.—Mineral Production: Contents of Metallic Minerals Produced, 1961—continued

Mineral in which Contained	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australia
TITANIUM DIOXIDE (TiO ₂) (Tons)								
Ilmenite Concentrate	905	2			92,838			93,745
Rutile Concentrate	64,284	33,056			880			98,220
Total	65,189	33,058			93,718			191,965
TUNGSTIC OXIDE (WO ₃) (Tons)								
Scheelite Concentrate	(a)	1			709			709
Wolfram Concentrate	(a)				810		16	827
Total	(a)	1			1,519		16	1,536
ZINC (Tons)								
Lead Ore	12,256	7,590			1,924	(a)	(a)	21,770
Lead Concentrate					1,178			1,178
Lead-Copper Concentrate		(b)	12				(b)	12
Zinc Ore	225,578	25,629			36,990			288,197
Zinc Concentrate								
Total	237,834	33,219 (b)	12		40,092	(a)		311,157
ZIRCON (Tons)								
Zircon Concentrate	98,421	28,775		(b)	7,287			134,483

(a) Less than half a ton.

(b) Estimated.

No. 3.—Mineral Production: Quantity of Minerals Produced, Australia

Mineral	Unit of Quantity	1957	1958	1959	1960	1961	1962(a)
METALLIC MINERALS							
Antimony Ore	ton	66	54	3	6	2	1
Antimony Concentrate	"	786	1,062	1,019	250	188	99
Bauxite	"	7,707	6,909	14,985	69,435	15,976	29,547
Beryllium Ore	"	395	247	317	190	306	223
Bismuth Concentrate	lb.	3,101	776	120	529	911	369
Chromite	ton	3,049	58,109	77,738	68,321	75,213	195,431
Copper Ore(b)	"	222,168	279,976	358,774	432,758	373,770	395,427
Copper Concentrate	"	557	1,536	1,379	1,301	825	216
Copper Precipitate	"	10					
Gold Ore	"	949	1,855	1,487	43	1	
Gold Concentrate	"	(d)	(d)	(d)	(d)	(d)	(d)
Gold—Other Form(c)	oz.	71,155	69,948	83,577	106,586	166,400	179,494
Ilmenite Concentrate	ton	3,860,823	3,917,424	4,140,693	4,355,464	5,342,041	4,843,494
Iron Ore(f)	"						
Iron Oxide—	"	5,338	2,864	4,355	2,970	1,446	799
For gas purification	"	9,759	6,093	9,485	15,776	21,786	23,495
For cement manufacture	"	4	25	30	386	1,260	1,715
For coal washing	"	4,650	8,100	9,600	9,600	8,850	14,400
For fluxing	"	20,758	21,854	12,693	13,716	7,743	13,197
Lead Ore(f)	"	497,404	492,908	461,055	449,590	382,292	522,276
Lead Concentrate	"	7,366	7,630	6,010	6,797	8,057	11,192
Lead-Copper Concentrate	"						
Manganese Ore—	"	75,214	55,536	86,556	58,292	85,839	70,534
Metallurgical Grade	"	767	974	1,409	849	1,169	800
Battery Grade	"	1,029	3,173	2,006	1,505	403	312
Other Grades	"	6,160	10,080		362	2,972	2,800
Molybdenite Concentrate	lb.	141	42	358		1,547	974
Monazite Concentrate	ton	67	28				
Osmiridium, Native	oz.	26			7	3	3
Platinum Concentrate	"	229,125	226,744	223,004	238,630	213,423	148,566
Pyrite Concentrate	ton	128,903	83,328	81,905	88,637	101,431	119,003
Rutile Concentrate	"	21	19	25	15		
Silver Ore	"						78
Silver-Copper Concentrate	lb.	50,038	13,507	18,950	23,677	31,808	43,097
Tantalite-Columbite Concentrate	ton	2,867	3,128	3,304	3,099	3,870	3,842
Tin Concentrate	"						
Tungsten Concentrate—	"	1,449	733	1	420	1,017	995
Scheelite Concentrate	"	656	517	903	1,131	1,142	492
Wolfram Concentrate	"				219	70	278
Zinc ore for fertilizer	"	556,763	507,752	473,276	549,000	542,640	572,900
Zinc Concentrate	"	88,561	59,269	113,356	102,362	136,462	133,447
Zircon Concentrate	"						

(a) Subject to revision, made for metal extraction.

(b) Includes cuprous ore for fertilizer.

(c) Includes lead-silver, lead-silver-zinc and lead-zinc ores.

(d) Bullion, alluvial, retorted gold, &c.

(e) Not available.

(f) Iron

NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

No. 3.—Mineral Production: Quantity of Minerals Produced, Australia—continued

Mineral	Unit of Quantity	1957	1958	1959	1960	1961	1962(a)
FUEL MINERALS							
Coal, Black—							
Semi-anthracite	ton	70,720	57,196	54,066	50,095	51,579	69,301
Bituminous	"	18,229,181	18,615,606	18,576,508	20,640,884	21,991,221	22,006,032
Sub-bituminous	"	1,619,195	1,769,050	1,667,868	1,877,981	1,956,258	2,394,186
<i>Total Black Coal</i>	"	<i>19,919,096</i>	<i>20,441,852</i>	<i>20,298,442</i>	<i>22,568,960</i>	<i>24,006,058</i>	<i>24,469,519</i>
Coal, Brown (Lignite)	ton	10,740,989	11,643,629	13,034,605	14,967,202	16,279,168	17,137,438

NON-METALLIC (EXCLUDING FUEL) MINERALS

Asbestos—							
Chrysotile	short ton	2,232	2,255	1,433	1,141	969	925
Crocidolite	"	12,438	13,313	16,442	14,472	15,777	17,491
Barite	ton	9,778	6,802	6,214	11,417	19,217	12,534
Clays—							
Bentonite	ton	742	37	133	382	587	485
Bentonitic Clay	"	187	116	152	190	207	299
Brick Clay and Shale	"	3,531,140	3,820,263	4,298,605	4,636,328	4,343,682	4,383,114
Cement Clay and Shale(b)	"	141,413	149,745	172,946	208,729	188,042	310,592
Diamonitic Clay	"	650	482	491	559	508	485
Fireclay, n.e.i.	"	179,394	160,308	175,202	157,297	202,186	197,546
Fuller's Earth	"	215	120	136	90	192	292
Kaolin (including Ball Clay)	"	43,486	37,099	36,974	48,195	51,088	36,070
Stoneware Clay	"	111,999	119,680	101,186	128,825	156,578	169,552
Tile Clay(b)	"	145,386	143,780	143,150	125,326	150,630	168,189
Other Clays(b)	"	124,678	163,514	192,265	210,399	161,805	29,423
Diamonds, Industrial	carat	312	158	37	6	..	..
Diatomite	ton	6,221	4,240	5,089	4,659	5,417	7,312
Dolomite(c)	"	192,103	138,832	160,084	190,868	191,624	180,697
Felspar (including Cornish Stone)	"	8,819	7,016	6,750	8,414	8,209	8,513
Fluorspar (Fluorite)	"	700	930	471	7	(d)	..
Garnet Concentrate	"	70	36	65	97	63	53
Gems—(Value only)—							
Opal	value £	184,949	216,266	446,020	637,493	830,052	1,048,977
Sapphire	"	20	1,813	2,792	5,311	8,047	36,020
Other	"	..	..	..	1,642	750	939
Glaucosite	ton	126	112	102	111	..	..
Limestone (including Shell and Coral)(e)	"	478,436	504,938	516,791	580,878	609,707	630,910
Lithium Ore(f)	"	4,571,614	5,324,493	5,305,322	5,668,633	6,145,541	6,415,325
Loom, for Foundry Moulding(b)	"	..	68	..	15	125	136
Magnesia, Crude	"	16,967	21,505	15,410	16,206	19,306	16,259
Mica (Muscovite)—	"	83,473	69,391	60,586	62,166	98,795	62,191
Trimmed	lb.	36,713	42,479	44,665	9,500	..	..
Crude and Film	"	..	35,840	170,000	649,600	185,920	..
Scrap	"	40,600	37,408	7,000	..	..	..
Mineral Pigments—							
Red Ochre	ton	60	252	163	150	192	60
Yellow Ochre	"	47	31	15	15	177	..
Peat, for Fertilizer	"	90	..	..	..	..	..
Pebbles, for Grinding	"	746	970	900	671	617	566
Perlite	"	..	300	708	796	394	608
Phosphate Rock	"	11,430	7,421	4,775	2,321	4,874	4,385
Pyrophyllite(f)	"	358	267	347	501	1,280	1,282
Salt	"	427,600	429,534	467,532	463,296	508,657	536,019
Serpentine, for Refractories	"	781	965	920	1,057	909	1,065
Silica (Glass, Chemical, &c.)	"	149,339	145,483	154,778	210,100	212,575	218,544
Sillimanite	"	2,302	1,696	3,633	1,524	1,787	2,637
Slate, for Filler	"	105	15	..	..	..	..
Talc (including Steatite)	"	14,441	15,393	16,376	15,670	13,545	13,709

CONSTRUCTION MATERIALS(g)

Sand	ton	4,125,417	4,117,803	4,622,708	5,934,474	7,427,405	7,535,202
River Gravel and Gravel Boulders	"	1,759,456	2,264,652	2,524,182	2,931,680	6,017,939	5,911,710
Dimension Stone	"	229,917	271,989	283,159	317,989	532,928	378,673
Crushed and Broken Stone	"	15,586,805	15,542,451	19,821,542	22,842,938	27,302,884	27,943,756
Other (Decomposed Rock, &c.)	"	12,545,871	12,722,343	13,699,487	15,263,809	16,481,933	17,309,634

(a) Subject to revision.

(b) Incomplete; see Introductory Notes on page 1.

(c) Excludes quantities used directly as a building or road material.

(d) Less than half a ton.

(e) Includes Amblygonite, Pectolite and Spodumene.

(f) Includes chlorite. (g) Incomplete owing to difficulties of coverage. Figures for 1961 and 1962 not strictly comparable with previous years owing to extension of coverage in Victoria; see Introductory Notes on page 1.

MINING AND QUARRYING

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No. 4.—Mineral Production: Contents of Metallic Minerals Produced, Australia

Mineral in which Contained	Contents of Metallic Minerals Produced					
	1957	1958	1959	1960	1961	1962(a)
ALUMINA (Al ₂ O ₃) (TONS)						
Bauxite	3,758	3,533	6,914	(b) 31,393	(b) 7,464	(b) 13,250
ANTIMONY (TONS)						
Antimony Ore	39	31	2	3	1	(c)
Antimony Concentrate	446	661	626	151	116	66
Lead Concentrate	724	664	652	632	563	808
Total	1,209	1,356	1,280	786	680	874
BERYLLIUM OXIDE (BeO) (UNITS OF 22.4 LB.)						
Beryllium Ore	4,570	2,900	3,587	2,221	3,585	2,586
BISMUTH (LB.)						
Bismuth Concentrate	..	2,328	..	..	602	97
Wolfram Concentrate	1,344	..	..	..	..	..
Total	1,344	2,328	..	..	602	97
CADMIUM (TONS)						
Lead Concentrate	76	74	72	68	55	72
Zinc Concentrate	903	798	788	831	852	920
Total	979	872	860	949	907	992
CHROMIC OXIDE (Cr ₂ O ₃) (TONS)						
Chromite	(b) 1,420	(b) 386	(d) 60	(d) 265	..	(d) 185
COBALT (TONS)						
Zinc Concentrate	59	71	60	65	65	78
COPPER (TONS)						
Copper Ore(e)	3,666	3,897	4,420	3,702	4,549	8,462
Copper Concentrate	50,047	66,219	85,165	100,672	86,449	96,270
Copper Precipitate	406	998	935	915	530	132
Gold Concentrate	(e)	(e)	..	..	..	..
Lead Concentrate	3,770	3,270	3,320	2,810	2,646	4,110
Lead-Copper Concentrate	633	666	487	598	731	961
Silver-Copper Concentrate	..	..	..	..	..	4
Tin Concentrate	7	..	..	..	..	..
Zinc Concentrate	726	665	623	738	721	640
Total	59,255	75,715	94,950	109,435	95,626	110,579
GOLD (FINE OZ.)						
Copper Ore	1	37	2	..	153	223
Copper Concentrate	71,202	77,506	97,660	88,484	80,672	78,581
Copper Precipitate	..	310	..	..	..	..
Gold Ore	36	..	..	..	..	..
Gold Concentrate	1,917	4,109	3,534	343	385	..
Gold—Other Forms(f)	986,677	995,925	959,413	971,988	967,160	955,285
Lead Ore(g)	..	15	..	..	..	..
Lead Concentrate	16,675	11,590	12,065	11,076	10,977	12,286
Lead-Copper Concentrate	10,123	10,001	8,436	10,978	12,572	18,021
Platinum Concentrate	..	..	..	..	..	..
Pyrite Concentrate	(h) 1	(h)	(h)	(h)	(h)	(h)
Zinc Concentrate	3,309	4,487	3,994	3,840	4,373	4,441
Total	1,083,941	1,103,980	1,085,104	1,086,709	1,076,292	1,068,837

(a) Subject to revision.

(b) Partly estimated.

(c) Less than half the unit of quantity shown.

(d) Estimated.

(e) Includes cupreous ore

for fertilizer.

(f) Bullion, alluvial, retorted gold, &c.

(g) Includes lead-silver ore.

(h) Included with gold—other forms.

NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

No. 4.—Mineral Production: Contents of Metallic Minerals Produced, Australia—continued

Mineral in which Contained	Contents of Metallic Minerals Produced					
	1957	1958	1959	1960	1961	1962(a)
IRON (Tons)						
Iron Ore	2,462,500	2,539,197	2,699,615	2,813,955	3,433,976	3,119,095
LEAD (Tons)						
Lead Ore	3,145	2,301	1,115	1,300	739	835
Lead Concentrate	320,319	316,048	306,395	297,868	259,010	357,784
Lead-Copper Concentrate	2,719	2,841	2,521	2,204	2,733	4,228
Zinc Concentrate	7,570	7,155	6,262	6,791	7,174	7,263
Total	333,753	328,347	316,293	308,163	269,656	370,110
MANGANESE (Tons)						
Manganese Ore—Metallurgical Grade	34,904	25,621	40,966	28,585	40,989	34,158
Zinc Concentrate	5,858	5,689	5,763	5,379	4,292	5,910
Total	40,762	31,303	46,729	33,964	45,281	40,068
MANGANESE DIOXIDE (MnO ₂) (Tons)						
Manganese Ore—Battery Grade	571	706	1,060	625	836	576
Other Grades	668	2,113	1,415	992	268	188
Total	1,239	2,819	2,475	1,617	1,104	764
MOLYBDENUM DISULPHIDE (MoS ₂) (Lb.)						
Molybdenite Concentrate	(d) 5,236	(d) 8,568	—	—	2,630	(d) 2,332
MONAZITE (Tons)						
Monazite Concentrate	132	423	331	(b) 344	(b) 1,463	(b) 926
OSMIUM (OZ.)						
Osmidium, Native	67	42	3	—	—	—
Platinum Concentrate	2	1	—	(e)	—	—
Total	69	43	3	(e)	—	—
PALLADIUM (OZ.)						
Platinum Concentrate	(e)	—	—	—	—	—
PLATINUM (OZ.)						
Platinum Concentrate	17	22	—	(e) 4	2	2
Gold—Other Forms	—	—	—	—	—	—
Total	17	22	—	4	2	2

(a) Subject to revision. (b) Partly estimated. (c) Includes lead-silver and lead-zinc ore. (d) Estimated. (e) Less than half an ounce.

MINING AND QUARRYING

No. 4.—Mineral Production: Contents of Metallic Minerals Produced, Australia—continued

Mineral in which Contained	Contents of Metallic Minerals Produced					
	1957	1958	1959	1960	1961	1962(a)
SILVER (FINE OZ.)						
Copper Ore	122	1,017	198	18	9,744	12,369
Copper Concentrate	360,366	411,394	579,004	713,243	658,462	821,256
Copper Precipitate	—	38	—	—	—	—
Gold Concentrate	336	402	4	150	98	—
Gold—Other Forms(b)	193,319	196,778	194,601	206,702	218,331	225,323
Lead Ore	131,806	94,757	36,611	52,864	11,099	40,037
Lead Concentrate	13,475,649	14,200,130	13,673,288	12,861,302	10,663,468	14,751,653
Lead-Copper Concentrate	689,373	761,360	671,412	716,940	799,031	994,880
Silver Ore	22,498	35,242	29,175	16,919	—	—
Silver-Copper Concentrate	—	—	—	—	—	10,301
Zinc Concentrate	675,650	638,674	576,338	647,818	678,933	697,868
Total	15,811,129	16,139,812	15,160,631	15,215,935	13,659,166	17,553,690
SULPHUR (Tons)						
Lead Concentrate	54,888	51,939	50,468	49,102	45,282	60,727
Lead-Copper Concentrate	(d) 1,931	(d) 1,068	(d) 841	(d) 952	2,115	2,926
Pyrite Concentrate	109,026	108,636	106,881	114,544	102,150	65,061
Zinc Concentrate	175,529	160,976	152,355	175,397	175,299	184,087
Total	342,474	322,619	310,545	340,000	324,866	312,803
TANTALITE-COLUMBITE (Ta ₂ O ₅ +Nb ₂ O ₅) (Lb.)						
Tantalite-Columbite Concentrate	23,499	6,716	8,499	11,500	13,814	18,879
TIN (Tons)						
Tin Concentrate	1,952	2,237	2,351	2,202	2,745	2,713
TITANIUM DIOXIDE (TiO ₂) (Tons)						
Ilmenite Concentrate	38,888	38,278	45,677	58,729	93,745	100,294
Rutile Concentrate	124,863	80,955	79,624	86,015	98,220	115,016
Total	163,751	119,233	125,301	144,744	191,965	215,310
TUNGSTIC OXIDE (WO ₃) (Tons)						
Scheelite Concentrate	950	478	(e) 653	291	709	691
Wolfram Concentrate	459	372	—	—	827	351
Total	1,409	850	653	1,111	1,536	1,042
ZINC (Tons)						
Lead Ore	20	20	—	(e) 26,198	23,770	30,684
Lead Concentrate	26,272	29,450	25,451	1,106	1,178	1,423
Lead-Copper Concentrate	998	1,114	827	35	12	47
Zinc ore for fertilizer	291,582	263,024	249,133	290,189	288,197	305,378
Zinc Concentrate	318,852	293,708	275,411	317,489	311,157	337,532
Total	—	—	—	—	—	—
ZIRCON (Tons)						
Zircon Concentrate	87,703	58,745	112,352	101,494	134,483	131,716

(a) Subject to revision. (b) Radium, alluvial, refitted gold, &c. (c) Includes lead-silver ore. (d) Estimated. (e) Less than half a ton.
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No. 5.—Mineral Production: Value of Minerals Produced, Australia
(£'000)

Mineral	1957	1958	1959	1960	1961
METALLIC MINERALS					
Antimony Ore and Concentrate	60	87	82	20	20
Bauxite	15	16	16	65	24
Beryllium Ore	73	46	57	35	44
Bismuth Concentrate	..	2	..	..	(a)
Chromite	31	5	1	1	..
Copper Ore, Concentrate, &c. (b)(c)	12,345	14,770	21,165	25,439	21,249
Gold Ore, Concentrate, &c.	25	19	55	6	6
Gold—Other Forms (b)(d)	16,065	16,232	15,798	15,864	15,851
Ilmenite Concentrate	339	281	248	357	542
Iron Ore(e)	4,295	4,393	4,633	4,844	5,899
Iron Oxide(e)	43	25	51	62	75
Lead Ore, Concentrate, &c.(f)	28,810	22,493	21,477	20,396	16,933
Manganese Ore	589	460	626	329	427
Molybdenite Concentrate	2	3	..	..	(a)
Monazite Concentrate	20	47	38	15	36
Osmiridium, Native	6	4	(a)	9	..
Platinum Concentrate	1	(a)	..	(a)	(a)
Pyrite Concentrate(s)	1,166	1,112	1,068	1,136	1,252
Rutile Concentrate	8,577	4,524	3,838	3,639	3,314
Silver Ore	(f)	(f)	9	5	..
Tantalum-Columbite Concentrate	12	9	10	15	23
Tin Concentrate	1,612	1,739	2,043	1,940	2,785
Tungsten Concentrates	2,167	871	410	940	1,033
Zinc Ore and Concentrate	3,655	2,565	4,888	7,730	5,295
Zircon Concentrate	854	487	1,068	972	1,267
Total Value Metallic Minerals	80,762	70,190	77,521	83,810	76,082
FUEL MINERALS					
Coal, Black	52,279	51,658	49,211	55,201	57,081
Coal, Brown	5,228	5,418	6,123	6,845	7,722
Total Value Fuel Minerals	57,507	57,076	55,334	62,046	64,803
NON-METALLIC (EXCLUDING FUEL) MINERALS					
Asbestos	1,139	1,234	1,446	1,399	1,466
Barite	52	33	35	47	97
Clays(g)—Brick	1,212	1,886	2,105	2,155	1,926
Other	866	733	778	762	783
Diamonds, Industrial	4	2	(a)	(a)	..
Dolomite(h)	24	20	22	22	23
Feldspar	163	141	150	166	170
Fluorspar	43	32	29	37	36
Garnet Concentrate	7	9	5	(a)	(a)
Gems	(a)	(a)	(a)	1	(a)
Glaucophane	185	218	449	645	839
Gypsum	5	5	5	5	..
Limestone	616	656	640	710	766
Lithium Ores(f)	3,261	3,674	3,137	3,300	3,583
Loam, for foundry moulding(g)	..	(a)	..	(a)	1
Magnesite	13	17	13	12	15
Mica	331	285	255	261	424
Mineral Pigments	50	47	45	17	1
Peat, for fertilizing	1	2	..	..	3
Pebbles, for grinding	(a)	9	..	..	..
Perlite	5	..	8	5	..
Phosphate Rock	..	(a)	(a)	1	(a)
Pyrophyllite	25	16	10	5	11
Salt(g)	2	2	2	4	10
Serpentine	735	878	1,023	959	999
Silica(g)	..	1	..	..	..
Sillimanite	134	157	240	212	226
Slate, for filler	16	11	21	13	17
Talc	..	(a)	..	..	..
Total Value Non-Metallic (excluding Fuel) Minerals	112	124	113	103	94
	9,002	10,192	10,533	10,843	11,495
CONSTRUCTION MATERIALS					
Total Value Construction Materials(g)	17,840	18,497	21,597	24,541	27,771
TOTAL					
Total Value All Minerals and Construction Materials	165,111	155,955	164,985	181,240	180,151

(a) Less than £500. (b) Includes subsidies, &c., paid to producers. (c) For years prior to 1958 lead-copper concentrate is included with copper ore, concentrate, &c.; for 1958 and later years it is included with lead ore, concentrate, &c. (d) Bullion, alluvial, refitted gold, &c. (e) For years prior to 1959 iron oxide for fluxing is included with iron ore; for 1959 and later years it is included with iron oxide. (f) Not available separately, included with lead ore, concentrate, &c. (g) Incomplete: see Introductory Notes. (h) Excludes value of product used directly as a building or road material. (i) Includes ambygonite, petalite and spodumene.

No. 6.—Summary of Production, Imports and Exports of Principal Minerals and Mineral Products: Australia

NOTE.—Particulars of production of refined metals exclude secondary metal (i.e. metal recovered from scrap) unless otherwise specified.

Particulars	1957	1958	1959	1960	1961	1962(a)
ALUMINIUM (TONS)						
Production—						
Bauxite (Al_2O_3 Content)	3,758	3,533	6,914	(b) 31,393	(b) 7,464	(b) 13,250
Alumina	20,116	22,490	26,900	29,801	29,468	(c)
Refined Aluminium	10,624	10,869	11,370	11,655	13,204	16,200
Imports—						
Bauxite (Al_2O_3 Content)(d)	24,966	38,419	36,910	53,199	28,645	38,657
Refined Aluminium, including Aluminium-base Alloys—						
Ingots	8,374	14,813	19,268	26,432	16,141	31,389
Rolls, Drawn and Extruded Shapes (excluding Wire)	2,797	2,827	2,719	6,259	2,282	3,053
Foil	2,193	2,409	2,788	3,909	2,002	2,101
Powder	531	486	670	678	396	250
Exports—						
Bauxite (Al_2O_3 Content)(d)	..	..	..	13,400	13,720	2,912
Refined Aluminium, including Aluminium-base Alloys—						
Ingots	762	..	78	20	7	40
Rolls, Drawn and Extruded Shapes (excluding Wire)	83	135	162	282	345	248

COPPER (TONS)						
Production—						
Copper Content of Minerals Produced	59,255	75,715	94,950	109,435	95,626	110,579
Blister Copper(e)	50,403	64,608	68,494	71,037	67,497	87,337
Refined Copper	32,880	43,276	51,593	70,652	63,723	79,450
Imports—						
Refined Copper—						
Ingots	4,251	659	3,479	4,750	3,761	5,268
Rolls, Drawn and Extruded Shapes (excluding Wire)	2,031	2,289	1,189	2,445	2,939	2,373
Exports—						
Copper Content of Ores, Concentrates, Matte, Slags, Residues, Drosses and Speisses	6,873	7,272	20,095	36,210	28,012	21,828
Blister Copper	19,131	14,421	16,225	502	1,022	..
Refined Copper—						
Ingots	1	..	2,749	13,577	23,073	16,497
Rolls, Drawn and Extruded Shapes (excluding Wire)	1,216	1,365	1,011	2,051	2,029	3,270

GOLD (FINE OZ.)						
Production—						
Gold Content of Minerals Produced	1,083,941	1,103,980	1,085,104	1,086,709	1,076,292	1,068,837
Refined Gold—						
Australian Origin	1,078,419	1,069,774	1,067,129	1,045,139	1,036,947	1,024,623
Overseas Origin	171,970	136,998	141,624	142,526	155,598	138,455
Total Refined Gold	1,250,389	1,206,772	1,208,753	1,187,665	1,192,545	1,163,078
Imports—						
Gold Content of Bullion and Other Crude Forms ..	159,998	160,232	136,674	144,029	146,278	132,957
Refined Gold	..	..	..	4	1	6
Exports—						
Gold Content of Ores and Concentrates	19,561	22,453	17,941	25,803	39,835	44,166
Gold Content of Bullion and Other Crude Forms ..	783,814	128,550	128,052	2,513,583	1,099,701	314,996
Refined Gold	..	..	..	..	..	..
Net Industrial Consumption of Gold	33,028	29,135	33,938	40,972	35,429	47,881

(a) Subject to revision. (b) Partly estimated. (c) Not available for publication. (d) Estimated. (e) Total production for refining in Australia and overseas.

No. 6.—Summary of Production, Imports and Exports of Principal Minerals and Mineral Products: Australia—continued

Particulars	1957	1958	1959	1960	1961	1962(a)
IRON AND STEEL (TONS)						
Production—						
Iron Content of Iron Ore(b)	2,462,500	2,539,197	2,699,615	2,813,955	3,433,976	3,119,095
Pig Iron(c)	2,208,140	2,279,282	2,596,514	2,876,267	3,156,411	3,433,809
Ingots (Steel)	3,015,569	3,133,081	3,395,261	3,693,770	3,884,929	4,167,175
Blooms and Slabs	2,473,901	2,668,571	2,910,865	3,173,238	3,221,664	3,581,782
Timplate	(d) 15,453	69,066	80,256	101,594	101,862	170,975
Imports—						
Iron Content of Iron Ore(e)	111,656	162,886	144,047	153,176	148,732	143,237
Ferro-alloys	14,579	13,335	23,989	41,612	55,959	16,218
Timplate	144,199	66,059	50,348	63,741	38,355	31,102
Exports—						
Pig Iron	15,330	19,321	44,038	99,847	296,050	157,502
Ingots, Blooms and Slabs	2,327	728	12,061	9,619	36,860	97,950
Timplate	(f) 1,671	8,080	16,644	25,238	16,644	25,238
Scrap	176,255	156,978	182,985	205,747	223,320	138,977
LEAD (TONS)						
Production—						
Lead Content of Minerals Produced	313,753	328,347	316,293	308,163	269,656	370,110
Smelter Production	192,161	191,474	185,305	189,823	162,264	190,125
Refined Lead(g)	46,891	57,171	50,310	52,723	48,090	73,110
Lead Content of Lead-Silver Bullion produced for Export	219,022	248,645	236,115	242,546	210,354	261,235
Imports—						
Lead Content of Ores, Concentrates, Slags, Residues, Drosses and Scrap	70,736	64,606	67,692	54,927	61,813	84,966
Lead Content of Lead-Silver Bullion	47,241	57,661	52,630	49,305	45,767	55,482
Refined Lead—						
Pigs	160,589	155,730	138,448	125,265	145,174	157,049
Rolled and Extruded Shapes (except Wire, Leaf and Foil)	182	99	86	93	130	176
Antimonial Lead	345	109	597	503	676	1,105
Scrap	8,372	5,152	1,390	891	100	54
MANGANESE ORE (TONS)						
Production—						
Metallurgical Grade Ore	75,214	55,536	86,556	58,292	85,839	70,534
Battery (including Other) Grade Ore	1,796	4,147	3,415	2,354	1,572	1,112
Imports—						
Metallurgical Grade Ore	2,649	1,183	1,304	177	2,379	36,416
Battery Grade Ore	30,061	18,399	31,812	45,639	52,283	62,956
Exports—						
All Grades of Ore	77	75	78	69	70	71
SILVER (000 FINE OZ.)						
Production—						
Silver Content of Minerals Produced	15,811	16,340	15,161	15,216	13,059	17,554
Refined Silver	8,011	9,101	7,805	8,085	7,099	7,378
Imports—						
Silver Content of Bullion and other Crude Forms	77	75	78	69	70	71
Exports—						
Silver Content of Ores, Concentrates, Slags, Residues, Drosses and Scrap	2,457	2,564	2,366	2,429	2,867	3,104
Silver Content of Lead-Silver Bullion	4,098	4,696	4,242	3,972	3,594	4,865
Silver Content of Unrefined Bullion and Matte	12					
Refined Silver	3,672	4,876	3,001	2,800	1,055	346
TIN (TONS)						
Production—						
Tin Content of Minerals Produced	1,952	2,237	2,351	2,202	2,745	2,715
Refined Tin	1,806	2,121	2,226	2,254	2,546	2,704
Imports—						
Refined Tin, excluding Leaf and Foil	1,218	1,070	1,294	1,708	778	1,778
Exports—						
Tin Content of Ores, Concentrates, Slags, Residues, Drosses and Scrap	134	29	41	2	178	27
Refined Tin, excluding Leaf and Foil	21	11	9	14	1	

(a) Subject to revision. (b) Partly estimated. (c) Excludes tin content of iron oxide not intended for metal extraction. (d) Includes recovery from scrap. (e) Production commenced in August, 1957. (f) Estimated. (g) Includes lead content of antimonial lead.

No. 6.—Summary of Production, Imports and Exports of Principal Minerals and Mineral Products: Australia—continued

Particulars	1957	1958	1959	1960	1961	1962(a)
TITANIUM, IN TERMS OF TiO_2 (TONS)						
Imports—						
Production	35,888	38,278	45,677	58,729	93,745	100,294
Exports(b)	20,665	30,717	37,468	41,463	79,083	85,756
Rutile						
Production	124,863	80,335	79,624	86,015	98,220	115,016
Exports(b)	115,321	73,462	78,688	91,082	96,668	115,200
TUNGSTEN, IN TERMS OF WO_3 (TONS)						
Scheelite—						
Production	559	478	(c) 103	291	709	691
Exports	907	341		351	701	316
Wolfram—						
Production	459	372	653	820	827	351
Exports	454	319	717	655	761	516
ZINC (TONS)						
Production—						
Zinc Content of Minerals Produced	318,852	293,708	275,411	317,489	311,157	337,532
Refined Slab Zinc(d)	110,348	114,773	116,461	120,230	138,694	167,927
Imports—						
Zinc Content of Ores, Concentrates, Slags and Residues	178,078	146,234	114,124	178,091	155,289	144,099
Refined Zinc—						
Ingots and Other Refinery Shapes	37,092	37,938	41,606	37,443	46,472	91,215
Plates, Sheets, Circles and Strips	1,361	1,090	1,096	1,148	1,416	746
Scrap	414	269	344	1,183	554	151
COAL (000 TONS)						
Production—						
Black Coal—						
Semi-anthracite	71	43	54	50	59	70
Bituminous	18,229	18,618	18,376	20,641	21,991	22,006
Sub-bituminous	1,619	1,769	1,668	1,878	1,956	2,394
Total Black Coal	19,919	20,442	20,298	22,569	24,006	24,470
Underground	17,888	18,377	18,593	20,408	21,161	21,308
Openpit	2,031	2,065	1,705	2,161	2,845	3,162
Brown Coal (Lignite)	10,741	11,444	13,035	14,967	18,279	17,137
Imports—						
Coal	9	6	8	5	8	7
Coke (including Petroleum Coke)	15	9	7	12	(c) 10	10
Exports—						
Coal	759	824	794	1,577	2,850	2,969
Coke	182	62	21	95	98	100
SULPHURIC ACID AND SULPHUR (TONS)						
Production of Sulphuric Acid (Mono)—						
Sulphur in Sulphuric Acid (Mono) produced from—						
Sulphur (Elemental)	156,413	162,381	153,195	179,732	182,554	202,659
Zinc Concentrate	33,025	38,524	39,933	42,946	52,423	65,342
Lead Concentrate	18,272	21,439	19,619	21,173	22,440	30,247
Pyrite Concentrate	100,111	99,216	101,596	104,406	106,520	97,927
Spent Oxide	4,754	4,301	3,855	3,814	2,377	2,381
Other Materials	2,271	3,702	7,151	10,396	11,749	13,410
Total Sulphur Content	317,836	329,963	327,149	362,887	376,663	401,966
Imports—						
Sulphur (Elemental)	120,277	202,421	170,770	221,778	182,032	229,195
ASBESTOS (SHORT TONS OR 2,000 LB.)						
Production—						
Chrysotile	2,232	2,255	1,433	1,141	969	925
Crocidolite	12,438	13,313	16,442	14,472	15,777	17,491
Imports—						
Chrysotile	22,873	23,408	24,316	28,832	27,210	29,707
Crocidolite	165	311	324	74	14	19
Amosite	10,322	13,984	12,019	10,138	8,705	7,079
Other	528	1,193	1,667	1,958	902	2,300
Exports—						
Chrysotile	378	264	197	25	6	2
Crocidolite	10,892	10,649	12,684	8,177	7,981	9,685
Other	59	120	93	97	73	51

(a) Subject to revision. (b) Estimated. (c) Less than half the unit shown. (d) Includes small quantities of metal recovered from zinc dust used in works.

No. 7.—Mine Production of Gold to 1962
(Fine oz.)

Period	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australia
Five Year Totals								
1851-55(a) ..	1,492,154	9,681,697	..	..	..	..	..	11,173,851
1856-60 ..	1,222,377	12,231,712	3,429	..	1,093	..	..	13,518,611
1861-65 ..	2,026,093	8,167,149	46,045	..	8	..	..	10,259,295
1866-70 ..	1,193,535	7,160,168	442,804	..	2,859	..	..	8,779,366
1871-75 ..	1,462,040	5,684,710	1,141,632	(a) 133,687	..	23,458	..	8,445,527
1876-80 ..	557,076	3,779,270	1,385,140	2,617	..	141,347	18,604	5,984,074
1881-85 ..	549,319	3,759,259	1,084,164	11,727	..	211,029	98,455	5,713,953
1886-90 ..	464,527	2,929,916	2,174,774	46,343	42,016	145,614	69,482	5,872,672
1891-95 ..	1,002,527	3,163,122	2,552,739	29,573	572,000	204,543	124,402	7,648,906
1896-1900 ..	1,429,860	3,876,913	3,094,836	22,204	4,679,873	345,950	89,120	13,538,756
Year—								
1901 ..	173,543	730,453	598,382	3,911	1,703,417	69,491	20,815	3,300,012
1902 ..	161,256	720,866	640,463	5,857	1,871,038	70,996	16,556	3,487,032
1903 ..	254,260	767,297	668,546	6,748	2,064,803	59,892	16,433	3,837,979
1904 ..	269,817	765,600	639,150	17,898	1,983,231	65,921	9,900	3,751,517
1905 ..	234,792	747,166	592,622	10,795	1,955,317	73,540	12,161	3,665,868
1906 ..	253,987	772,290	544,636	6,356	1,794,548	60,023	11,561	3,443,403
1907 ..	247,363	695,576	465,881	4,836	1,697,555	65,354	5,104	3,181,669
1908 ..	234,792	671,209	465,085	2,806	1,647,912	57,085	5,695	3,074,674
1909 ..	204,709	654,222	455,580	7,111	1,595,270	44,777	7,323	2,968,992
1910 ..	188,857	570,383	441,402	6,592	1,470,633	37,048	6,008	2,720,923
1911 ..	181,121	504,000	386,165	3,531	1,370,868	31,101	7,277	2,484,063
1912 ..	165,295	480,131	347,946	6,592	1,282,659	37,973	5,337	2,325,933
1913 ..	149,657	434,933	265,735	6,545	1,314,043	33,400	3,119	2,207,432
1914 ..	124,507	413,218	249,468	4,258	1,232,977	26,243	2,532	2,055,203
1915 ..	132,408	329,068	249,711	6,081	1,210,112	18,547 (b)	890	1,946,907
1916 ..	108,145	256,643	215,162	7,769	1,061,398	15,790 (c)	909	1,665,816
1917 ..	82,171	201,872	179,205	7,141	1,406,305	14,406 (c)	866	1,456,108
1918 ..	87,045	158,827	133,571	6,180	876,511	10,529 (c)	525	1,273,188
1919 ..	65,839	135,428	121,030	3,224	734,066	7,686 (c)	829	1,068,102
1920 ..	48,908	152,792	115,230	1,697	617,842	6,246 (c)	939	943,654
1921 ..	51,173	104,512	40,376	2,628	553,731	5,340 (c)	245	758,005
1922 ..	15,222	106,872	80,584	1,000	538,246	3,431 (c)	115	755,470
1923 ..	18,833	95,403	88,726	504	504,511	3,684 (c)	168	712,274
1924 ..	18,685	67,167	98,841	880	485,035	4,626 (c)	703	675,937
1925 ..	19,422	47,296	46,406	832	441,252	3,324 (c)	456	559,188
1926 ..	19,435	49,078	10,339	758	437,343	4,223 (c)	140	521,316
1927 ..	18,032	38,538	37,979	418	408,353	4,861 (c)	110	508,291
1928 ..	12,831	33,917	13,277	532	393,408	3,603 (c)	101	457,669
1929 ..	7,496	26,275	9,476	1,009	377,176	5,597 (c)	131	427,160
1930 ..	12,493	24,119	7,821	1,311	417,518	4,467 (c)	13	467,742
1931 ..	19,673	43,637	13,147	2,782	510,572	4,760 (c)	352	595,123
1932 ..	27,941	47,745	23,263	3,014	605,561	5,937 (c)	674	714,135
1933 ..	29,252	58,183	91,997	6,361	637,207	6,673 (c)	994	830,267
1934 ..	36,123	70,196	115,471	6,870	651,338	5,622 (c)	989	886,609
1935 ..	50,102	87,609	102,990	7,333	649,049	8,343 (c)	5,066	910,492
1936 ..	60,739	117,596	121,174	7,681	846,208	17,600 (c)	8,753	1,179,751
1937 ..	68,607	145,799	127,281	6,962	1,000,647	20,276 (d)	15,808	1,385,380
1938 ..	88,698	144,243	151,432	5,292	1,167,791	22,200	12,738	1,592,034
1939 ..	87,189	156,522	147,208	3,930	1,214,238	19,964	16,586	1,645,697
1940 ..	100,255	180,567	126,831	3,270	1,191,482	19,171	22,423	1,643,999
1941 ..	88,091	149,769	109,064	1,679	1,109,318	19,908	18,869	1,496,698
1942 ..	77,249	101,407	95,171	1,333	888,180	18,833	12,058	1,153,787
1943 ..	63,779	56,511	62,838	519	546,475	17,245	3,912	751,279
1944 ..	62,610	54,086	51,223	539	466,265	16,653	5,491	656,867
1945 ..	43,129	61,790	63,223	277	468,551	13,050	7,193	657,213
1946 ..	32,009	86,993	62,733	628	616,964	15,362	9,791	824,480
1947 ..	50,082	84,709	72,281	629	703,886	15,051	11,016	937,654
1948 ..	52,164	69,646	69,646	2,036	664,986	15,906	885,507	885,507
1949 ..	51,793	68,426	76,282	2,198	648,426	12,152	29,781	889,058
1950 ..	51,350	67,826	88,249	1,141	610,333	15,578	35,060	869,537
1951 ..	48,910	66,063	78,580	362	648,245	14,446	38,945	895,551
1952 ..	39,030	66,777	85,756	437	727,469	16,072	44,894	980,435
1953 ..	26,461	63,917	91,887	443	823,062	16,988	52,423	1,075,181
1954 ..	31,374	52,665	97,951	54	861,992	19,368	54,338	1,117,742
1955 ..	30,667	38,035	64,322	50	834,326	16,882	65,357	1,049,039
1956 ..	28,821	38,846	56,022	43	813,537	17,131	75,421	1,029,821
1957 ..	31,043	48,752	63,363	35	849,751	20,027	1,083,941	1,083,941
1958 ..	18,709	74,476	74,568	48	874,819	21,744	72,616	1,103,980
1959 ..	13,275	34,662	91,687	16	860,969	21,353	63,142	1,085,104
1960 ..	13,628	28,566	78,267	36	869,966	23,994	72,252	1,086,709
1961 ..	12,034	26,229	64,786	55	870,658	26,885	75,645	1,076,292
1962 ..	11,234	28,262	67,729	48	860,039	32,115	69,410	1,068,837
Total to 1962	16,446,588	73,732,600	72,820,866	450,607	63,357,289	2,459,224	1,527,623	180,794,797

(a) Estimates include for previous years. (b) Period from 1st January to 30th June, 1915. (c) Year ended 30th June. (d) Eighteen months ended 31st December, 1937.

Note.—See also graph at end of Bulletin.

No. 8.—Refinery Production of Gold: Australia

Year	Australian Origin		Overseas Origin				Total
	Newly-Won Gold		From Scrap	Newly-Won Gold		From Scrap	
	Quantity	Value(£)		Fine oz.	Fine oz.		
	Fine oz.	£		Fine oz.	Fine oz.		
1953	1,052,779	16,780,106	21,494	202,405	324	1,277,002	
1954	1,061,457	16,589,114	20,728	189,913	828	1,274,926	
1955	1,054,714	16,503,403	20,130	167,547	454	1,242,845	
1956	1,044,164	16,345,912	20,106	161,065	708	1,226,043	
1957	1,078,419	16,872,458	21,480	171,970	1,248	1,273,117	
1958	1,069,774	16,720,490	17,350	136,998	888	1,227,010	
1959	1,067,129	16,677,132	20,617	141,624	1,075	1,230,445	
1960	1,045,139	16,396,420	22,699	142,526	1,164	1,211,528	
1961	1,036,947	16,740,802	22,593	155,598	1,277	1,216,415	
1962	1,024,623	16,020,777	21,806	138,455	1,188	1,185,072	

(a) Excludes allowance for premiums on sales of gold overseas and for industrial purposes in Australia.

No. 9.—Gold Sold on Overseas Premium Markets: Australia

Year	Quantity	Value	Average Price	Year	Quantity	Value	Average Price
	Fine oz.	£	£ s. d.		Fine oz.	£	£ s. d.
1953 ..	1,018,506	16,435,910	16 2 9	1958 ..	189,537	2,964,637	15 12 10
1954 ..	602,768	9,990,028	15 11 7	1959 ..	37,346	584,129	15 12 10
1955 ..	681,980	15,370,833	15 13 1	1960 ..	320,151	5,049,183	15 15 5
1956 ..	566,047	8,871,867	15 13 6	1961 ..	733,217	11,513,571	15 14 1
1957 ..	687,114	10,760,214	15 13 2	1962 ..	320,323	5,016,625	15 13 3

No. 10.—Net Subsidy Payments to Gold Producers

State or Territory	(£)				
	1958	1959	1960	1961	1962
New South Wales	26,951	107	14	145	61
Victoria	38,380	41,500	45,881	61,036	50,579
Queensland	3,958	2,937	881	1,325	2,134
South Australia	..	..	..	..	..
Western Australia	623,394	652,266	698,242	585,306	621,573
Tasmania	16,360	39,181	4,253	4,930	18
Northern Territory	..	..	..	..	..
Australia	709,041	736,046	749,306	654,742	675,697
Papua and New Guinea	44,485	52,449	65,292	44,758	72,812
Total	753,526	788,495	814,598	699,500	748,509

No. 11.—Production of Coal to 1962
(Tons)

Period	Black Coal							Brown Coal
	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia	
Total to 1860	2,362,433		12,327			62,779	2,437,539	
Five Year Totals—								
1861-65	2,387,015	2,308	120,279				2,509,602	
1866-70	4,286,819	100	110,674			51,746	4,449,339	
1871-75	5,738,413	3,423	153,890			44,810	5,940,536	
1876-80	7,389,247	3,515	277,189			49,614	7,719,565	
1881-85	12,028,308	4,521	575,223			42,686	12,650,738	
1886-90	15,672,224	42,215	1,362,732			166,920	17,264,391	
1891-95	18,507,890	502,810	1,994,865			177,154	20,582,719	
1896-1900	23,103,884	1,179,675	2,128,872		176,254	225,020	26,813,705	
Year—								
1901	5,968,426	209,329	539,472		117,836	45,438	6,880,501	
1902	5,942,011	225,164	501,531		140,884	48,863	6,858,453	
1903	6,354,846	64,200	507,801		133,427	49,069	7,109,343	
1904	6,039,800	121,741	512,051		138,550	61,109	6,853,224	
1905	6,632,138	155,135	529,326		127,364	51,993	7,495,956	
1906	7,626,362	160,631	606,772		149,755	52,896	8,596,416	
1907	8,675,924	138,584	683,272	12,455	142,373	58,891	9,693,499	
1908	9,149,925	133,462	696,332		175,248	61,068	10,193,135	(b)
1909	7,019,879	128,173	756,577		214,302	66,162	8,185,093	500
1910	8,173,508	369,059	871,166		262,166	82,445	9,758,344	650
1911	8,691,604	653,864	891,568		249,899	57,067	10,544,002	6,134
1912	9,885,815	589,141	902,166		295,079	53,560	11,725,763	4,012
1913	10,414,165	993,912	1,037,944		313,818	55,043	12,414,882	2,984
1914	10,390,622	617,536	1,053,990		319,210	60,794	12,442,152	2,715
1915	9,449,008	588,104	1,024,273		286,666	64,536	11,412,587	2,864
1916	8,127,161	417,183	907,727		301,526	55,575	9,809,172	2,915
1917	8,292,867	466,220	1,048,473	713	326,550	63,412	10,198,235	39,144
1918	9,063,176	439,575	983,193		337,039	60,163	10,883,146	66,200
1919	8,631,554	423,631	931,631		401,713	66,253	10,455,066	11,628
1920	10,715,999	442,241	1,109,913		462,021	75,429	12,805,603	162,682
1921	10,793,387	514,859	954,763		468,817	66,476	12,798,302	79,224
1922	10,183,133	559,284	956,519		435,445	69,238	12,206,617	90,402
1923	10,478,513	476,823	1,060,662		420,714	80,718	12,517,430	116,888
1924	11,618,216	518,315	1,123,117		421,864	75,988	13,757,500	127,490
1925	11,396,199	534,246	1,177,173		437,461	81,698	13,626,777	876,468
1926	10,885,766	591,001	1,221,059		474,819	102,358	13,275,003	957,935
1927	11,126,114	684,245	1,099,040		501,505	112,056	13,522,960	1,455,442
1928	9,448,197	658,323	1,076,340		528,420	128,500	11,839,780	1,591,858
1929	7,617,736	703,828	1,368,745		384,719	130,291	10,365,319	1,741,176
1930	7,093,055	703,487	1,094,676		501,425	138,716	9,531,359	1,831,507
1931	6,432,342	571,342	841,308		432,460	123,828	8,401,260	2,194,453
1932	6,784,222	432,353	841,711		415,719	111,853	8,585,588	2,612,512
1933	7,118,437	523,000	875,567		458,399	116,573	9,091,976	2,580,060
1934	7,873,180	356,958	956,558		500,343	113,633	9,800,672	2,617,534
1935	8,698,579	476,495	1,051,978		557,188	123,714	10,887,954	2,221,515
1936	9,199,466	426,725	1,046,879		565,075	132,264	11,370,409	3,044,897
1937	10,051,519	257,948	1,120,179		553,510	91,121	12,074,274	3,393,919
1938	9,570,630	307,258	1,113,426		604,792	83,753	11,680,129	3,765,450
1939	11,195,832	364,895	1,317,488		557,535	99,392	13,535,142	3,651,014
1940	9,550,098	267,694	1,285,328		539,427	83,136	11,725,683	4,278,475
1941	11,765,698	326,441	1,454,024		556,574	109,714	14,212,451	4,565,638
1942	12,205,935	312,854	1,637,140	1,650	581,176	134,442	14,873,205	4,933,861
1943	11,473,499	287,100	1,699,521		531,546	145,882	14,137,548	5,091,729
1944	11,042,939	257,692	1,659,675	34,620	558,322	143,641	13,698,889	5,016,437
1945	10,176,234	247,297	1,634,746	41,452	543,363	149,077	12,792,189	5,445,108
1946	11,196,381	191,290	1,567,520	135,460	642,287	158,751	13,881,691	5,707,039
1947	11,683,123	173,683	1,634,746	140,135	704,500	167,140	14,831,217	6,140,140
1948	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1949	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1950	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1951	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1952	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1953	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1954	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1955	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1956	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1957	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1958	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1959	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1960	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1961	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
1962	11,721,445	167,540	1,742,366	140,135	704,500	167,140	14,831,217	6,140,140
Total to 1962	748,665,927	22,144,604	93,488,253	9,397,683	31,961,396	8,917,878	914,575,741	235,990,409

(a) All produced in Victoria.

(b) Includes estimate for previous years.

Note.—See also graph at end of Bulletin.

No. 12.—Production of Black Coal: Underground and Openpit
(Tons)

Year	Method of Mining	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia
1943	Underground	11,413,335	287,100	1,642,587		529,238	145,882	14,018,142
	Openpit	60,164		56,934		2,308		119,406
	Total	11,473,499	287,100	1,699,521		531,546	145,882	14,137,548
1944	Underground	10,863,278	257,692	1,596,264		491,543	143,641	13,552,418
	Openpit	179,661		63,411	34,620	66,779		344,471
	Total	11,042,939	257,692	1,659,675	34,620	558,322	143,641	13,896,889
1945	Underground	9,631,182	247,297	1,527,191		430,282	149,077	12,907,329
	Openpit	523,072		107,555	41,452	112,781		784,860
	Total	10,154,254	247,297	1,634,746	41,452	543,063	149,077	12,792,189
1946	Underground	10,430,007	191,290	1,461,076		487,895	158,751	12,729,019
	Openpit	756,376		106,444	135,460	154,922		1,152,672
	Total	11,186,383	191,290	1,567,520	135,460	642,817	158,751	13,881,691
1947	Underground	10,724,469	173,683	1,636,541		582,161	167,140	13,384,158
	Openpit	958,654		246,873	193,187	148,345		1,547,059
	Total	11,683,123	173,683	1,883,414	193,187	730,506	167,140	14,831,217
1948	Underground	10,466,785	167,540	1,508,779		586,990	179,393	12,909,487
	Openpit	1,254,661		233,617	239,464	145,948		1,873,690
	Total	11,721,446	167,540	1,742,396	239,464	732,938	179,393	14,783,177
1949	Underground	9,388,573	122,507	1,548,171		543,944	181,618	11,784,113
	Openpit	1,347,525		422,217	344,638	206,650		2,321,030
	Total	10,736,098	122,507	1,970,388	344,638	750,594	181,618	14,105,241
1950	Underground	11,396,576	126,431	1,860,386		556,042	221,958	13,961,393
	Openpit	1,601,645		460,413	261,337	259,310		2,582,095
	Total	12,998,221	126,431	2,320,799	261,337	815,352	221,958	16,543,491
1951	Underground	11,224,212	147,743	1,856,842		480,145	231,033	13,939,975
	Openpit	2,289,032		616,933	388,303	368,330		3,668,453
	Total	13,513,244	147,743	2,473,775	388,303	848,475	231,033	17,608,428
1952	Underground	12,491,904	143,820	2,006,321		419,117	240,232	15,301,394
	Openpit	2,530,196		735,915	417,531	411,344		4,102,653
	Total	15,022,100	143,820	2,742,236	417,531	830,461	240,232	19,404,047
1953	Underground	12,451,741	151,907	1,941,631		493,035	233,555	15,271,869
	Openpit	1,722,090		575,181	448,484	393,147		3,138,976
	Total	14,173,831	151,907	2,516,812	448,484	886,182	233,555	18,410,845
1954	Underground	13,703,289	141,318	2,066,788		607,727	254,122	16,733,244
	Openpit	1,379,971		694,022	495,106	410,616		2,989,795
	Total	15,083,260	141,318	2,760,810	495,106	1,018,343	254,122	19,723,039
1955	Underground	13,834,824	132,888	2,108,065		599,662	283,743	16,959,182
	Openpit	901,573		639,100	455,287	304,120		2,315,568
	Total	14,736,397	132,888	2,747,165	455,287	903,782	283,743	19,274,750
1956	Underground	13,999,615	118,827	2,103,641		621,467	280,332	17,123,887
	Openpit	810,550		631,018	481,463	208,540		2,149,932
	Total	14,810,165	118,827	2,734,659	481,463	830,007	280,332	19,273,819
1957	Underground	14,662,155	111,569	2,170,979		688,882	253,108	17,887,053
	Openpit	728,081		530,598	608,913	148,779		2,031,461
	Total	15,390,236	111,569	2,701,577	608,913	838,661	253,108	19,918,514
1958	Underground	15,120,470	108,359	2,098,046		779,394	260,100	18,376,369
	Openpit	720,478		482,327	755,022	91,488		2,065,483
	Total	15,850,948	108,359	2,580,373	755,022	870,882	260,100	20,441,852
1959	Underground	15,278,162	90,438	2,142,302		800,856	281,310	18,593,068
	Openpit	434,278		452,085	690,374	110,579		1,705,374
	Total	15,712,440	90,438	2,594,387	690,374	911,435	281,310	20,298,442
1960	Underground	16,981,561	76,972	2,269,564		798,185	281,662	20,407,944
	Openpit	255,433		380,548	884,819	124,208		2,161,016
	Total	17,236,994	76,972	2,650,112	884,819	922,393	281,662	22,568,960
1961	Underground	18,188,613	66,363	2,157,790		596,306	281,812	21,560,884
	Openpit	832,192		624,376	1,115,156	219,434		2,845,174
	Total	19,020,805	66,363	2,782,166	1,115,156	815,740	281,812	24,406,058
1962	Underground	18,195,881	56,721	2,194,351		598,802	282,137	21,307,592
	Openpit	834,537		604,490	1,392,085	320,610		3,161,927
	Total	19,030,418	56,721	2,798,841	1,392,085	919,412	282,137	24,469,519

NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

No. 13.—Coal: Production and Consumption, Australia
('000 tons)

Particulars	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
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BLACK COAL

Production(a)	18,545	19,424	19,352	19,033	19,711	20,362	20,459	21,223	22,947	24,427
Imports	146	2	5	4	6	9	8	8	7	5
Total	18,691	19,426	19,357	19,037	19,717	20,371	20,467	21,231	22,954	24,432
Consumption as Fuel—										
Electricity Generation	5,071	5,590	5,916	5,922	6,363	6,941	7,131	7,398	7,420	7,869
Factories	3,097	3,367	3,329	3,101	2,977	2,991	3,122	3,166	3,103	2,844
Railway Locomotives (Government)	3,110	3,208	3,112	2,963	2,690	2,217	2,050	2,002	1,847	1,627
Bunker Coal(b)	348	335	315	289	233	229	203	169	136	101
Total	11,626	12,500	12,672	12,275	12,263	12,378	12,506	12,735	12,506	12,441
Consumption as Raw Material—										
Gas Works	2,081	2,045	2,063	2,031	1,946	1,779	1,761	1,744	1,726	1,634
Coke Works	3,071	3,252	3,314	3,258	3,665	3,841	3,846	4,216	4,910	5,039
Total	5,152	5,297	5,377	5,289	5,611	5,620	5,607	5,960	6,636	6,673
Exports (Overseas)	256	386	291	194	545	836	645	1,088	1,888	3,470
Mine Washery Refuse and Dump Losses(c)	67	168	250	233	274	496	660	982	1,072	1,341
Balance (available for other consumption and accumulation of stocks)	1,590	1,075	767	1,046	1,024	1,041	1,049	466	852	507
Grand Total	18,691	19,426	19,357	19,037	19,717	20,371	20,467	21,231	22,954	24,432

BROWN COAL

Production(d)	8,075	8,731	9,668	10,383	10,772	10,866	12,243	14,101	15,723	16,729
Consumption as Fuel—										
Electricity Generation	5,662	6,087	6,741	7,360	7,749	7,830	9,289	10,498	9,339	10,386
Briquette Factory	837	920	1,088	1,191	1,309	1,297	1,293	1,348	951	595
Other Factorist(e)										860
Consumption as Raw Material—										
Briquette Manufacture	1,457	1,560	1,684	1,686	1,613	1,619	1,639	2,396	4,764	5,457
Balance(f)	-119	-164	+155	-146	+101	+120	+22	-41	+38	-569
Total	8,075	8,731	9,668	10,383	10,772	10,866	12,243	14,101	15,723	16,729

BROWN COAL BRIQUETTES

Briquettes made(d)	545	587	631	634	618	626	643	975	1,807	1,820
Briquettes consumed as Fuel in Factories	500	557	514	487	347	357	305	510	1,200	1,280
Briquettes used in Gas Manufacture					45	121	124	131	124	148

(a) Includes miners' coal and colliery coal. (b) Figures refer only to New South Wales consumption by overseas, interstate and intra-state users.
(c) Before 1959-60, figures refer to New South Wales only. Later figures refer to New South Wales and Tasmania. (d) Production confined to Victoria.
(e) Recorded consumption. (f) The sign (+) preceding the figures indicates that the balance shown is available for other consumption and accumulation of stocks; the sign (-) that a reduction in stocks has occurred.

No. 14.—Black Coal: Production and Consumption, &c
(¹000 tons)

(000 tons)

State	Production (a)	Imports	Consumption as Fuel										Consumption as Raw Material		Exports
			Electricity Generation	Factories						Railway Loco- motives (Govern- ment)	Bunker Coal(b)	Gas Works	Coke Works		
				Non-metal, Mine and Quarry Products	Bricks, Pottery, Glass, &c	Chemicals, Dyes, Explosives, Paints, &c	Industrial Metals, Machines, &c	Food, Drink and Tobacco	Other Factories					Total	
1958-59															
New South Wales	15,825	1	4,135	466	455	208	201	267	252	1,849	1,008	203 (c)	4,629 (d)		645
Victoria	98		198	125	90	5	8	48	9	285	112		513		
Queensland	2,602		1,346	132	62	7	63	166	44	474	533	(c)	236 (d)		
South Australia	735		926	89	25	50	12	14 (e)	163 (e)	353	98		(d)		
Western Australia	906		526	1	33	1	5	14 (e)	54 (e)	108	282		(d)		
Tasmania	293	7		47	10	15	13	17 (e)	180 (e)	282	17		(d)		
Total	20,459	8	7,131	860	675	286	302	526 (f)	473 (f)	3,122 (g)	2,050	203 (h)	1,761	3,846	645
1959-60															
New South Wales	16,551	2	4,328	510	470	208	201	252	254	1,895	1,021	169 (e)	5,024 (d)		1,050
Victoria	86		110	150	80	21	7	53	4	315	101		466		
Queensland	2,638		1,358	121	63	6	55	149	48	442	500	(e)	227 (d)		38
South Australia	737		1,050	90	24	49	13	13 (e)	175 (e)	364	79		(d)		
Western Australia	908		552	1	34	1	5	13 (e)	53 (e)	107	285		(d)		
Tasmania	303	6		41	12	19	15	15 (e)	184 (e)	286	16		(d)		
Total	21,223	8	7,398	913	683	304	296	495 (f)	475 (f)	3,166 (g)	2,002	169 (h)	1,744	4,216	1,088
1960-61															
New South Wales	18,237		4,369	534	483	196	173	242	249	1,877	980	136 (e)	5,734 (d)		1,840
Victoria	70		67	159	81	19	7	50	5	321	96		426		
Queensland	2,604		1,395	120	66	4	51	124	52	417	452	(e)	216 (d)		48
South Australia	1,005		1,144	95	24	47	13	12 (e)	197 (e)	388	63		(d)		
Western Australia	745		445	1	34	1	4	9 (e)	47 (e)	96	244		(d)		
Tasmania	286	7		41	11	4	13	17 (e)	178 (e)	264	12		(d)		
Total	22,947	7	7,420	950	699	271	261	454 (f)	468 (f)	3,103 (g)	1,847	136 (h)	1,726	4,910	1,888
1961-62															
New South Wales	19,083		4,406	508	464	186	154	239	249	1,800	798	101 (e)	5,834 (d)		3,180
Victoria	59		33	159	56	18	6	40	3	282	84		359		
Queensland	2,868		1,472	117	42	4	53	131	51	398	415	(c)	213 (d)		290
South Australia	1,234		1,385	5	21	47	10	12	2	97	44		200		
Western Australia	930		573		34	1	4	9 (e)	51 (e)	99	278		(d)		
Tasmania	253	5		42	11		17	24 (e)	152 (e)	236	8		(d)		
Total	24,427	5	7,869	831	628	256	244	445 (f)	440 (f)	2,844 (g)	1,627	101 (h)	1,634	5,039	3,470

(a) Not available for publication

(b) Not available for publication

(c) Not available for publication

(d) Not available for publication

(e) Not available for publication

(f) Not available for publication

(g) Not available for publication

(h) Not available for publication

(a) Includes miners' coal and colliery coal included in total for Australia.
53 tons; 1960-61, 75 tons; 1961-62, 21 tons.

(b) Figures refer only to New South Wales consumption by overseas, interstate and intra-state vessels.
(c) Includes coal used as a material in Gas Works.
(d) Excludes quantities referred to in note (c).

(e) Includes coal used as a material in Coke Works.
(f) Excludes quantities referred to in note (e).

(g) Includes consumption by Commonwealth Railways as follows:—1958-59, 174 tons; 1959-60, 174 tons; 1960-61, 174 tons; 1961-62, 174 tons.
(h) Not available for publication.

NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

No. 15.—Smelter and Refinery Production of Metals: Quantity and Value, 1961-62

NOTE.—Except for gold, iron and steel, these data were collected by the Bureau of Mineral Resources. Secondary metal (i.e. metal recovered from scrap) is excluded unless otherwise specified.

Metal	Unit of Quantity	Quantity							Value(a) (£ 000)
		New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia	Australia
Cadmium	ton	(b)	..	..	(b)	..	(b)	326	498
Copper, Blister(c)	..	4,162	..	50,334	..	..	12,322	66,818	(d)
Copper, Electrolytically Refined	..	12,133	..	39,874	..	..	11,812	63,769	(e) 19,660
Gold—									
Australian Origin	fine oz.	(b)	(b)	..	..	(b)	..	1,036,285	(f) 16,205
Oversea Origin	..	(b)	(b)	..	..	(b)	..	146,339	(f) 2,287
Total Refined Gold	..	(b)	(b)	..	..	(b)	..	1,182,624	(f) 18,492
Iron and Steel—									
Pig Iron—									
Basic	ton	(b)	..	..	(b)	..	..	3,180,833	(d)
Foundry(g)	..	(b)	..	..	(b)	(b)	..	199,501	(d)
Total Pig Iron	ton	(b)	..	..	(b)	(b)	..	3,380,334	(d)
Steel Ingots(g)	ton	(b)	(b)	..	(b)	..	..	4,075,699	(d)
Lead—									
Refined(h)	ton	..	..	..	174,497	..	..	174,497	(d)
Lead Content of Lead-Silver Bullion Produced for Export	ton	16,974	..	39,089	..	..	..	56,063	(d)
Total Lead	ton	16,974	..	39,089	174,497	..	..	230,560	(d)
Platinum Group Metals	oz.	220	..	..	..	..	..	220	4
Silver, Refined									
Australian Origin	fine oz.	623,517	21,829	..	(b)	(b)	..	6,681,789	(i) 2,891
Oversea Origin	..	67,456	1,559	..	..	..	..	69,015	(i) 30
Total Refined Silver	..	690,973	23,388	..	(b)	(b)	..	6,750,804	(i) 2,921
Tin	ton	2,442	..	..	..	..	..	2,442	3,028
Zinc, Refined Slab(f)	..	24,673	..	..	..	..	129,069	153,742	14,160

(a) Selling value at works. (b) Not available for publication. (c) Total Production for refining in Australia and overseas. (d) Not available.
(e) Includes payments made under the Copper Rents Act 1958-1960. (f) Includes allowances for premiums on sales of gold overseas and for industrial purposes in Australia. Excludes payments made under the Gold-Mining Activities Act 1954-1962. (g) Includes recovery from scrap. (h) Includes lead content of antimonial lead. (i) Estimate based on average selling price of the metal over the period. (j) Includes small quantities of metal recovered from zinc dust used in works.

No. 16.—Smelter and Refinery Production of Metals: Quantity, Australia

NOTE.—Except for gold, iron and steel, these data were collected by the Bureau of Mineral Resources. Secondary metal (i.e. metal recovered from scrap) is excluded unless otherwise specified.

Metal	Unit of Quantity	1957	1958	1959	1960	1961	1962
Aluminium	ton	10,624	10,869	11,370	11,655	13,204	16,200
Cadmium	..	393	353	341	300	311	351
Copper, Blister(a)	..	50,403	64,608	68,494	71,037	62,497	87,337
Copper, Refined	..	32,880	43,276	51,593	70,652	63,723	79,450
Gold, Refined—							
Australian Origin	fine oz.	1,078,419	1,069,774	1,067,129	1,045,139	1,036,947	1,024,621
Oversea Origin	..	171,970	136,998	141,624	142,526	155,598	138,455
Total Refined Gold	..	1,250,389	1,206,772	1,208,753	1,187,665	1,192,545	1,163,076
Lead—							
Refined(b)	ton	192,161	191,474	185,805	189,823	162,264	190,125
Lead Content of Lead-Silver Bullion Produced for Export	ton	46,891	57,171	50,310	52,723	48,090	73,110
Total Lead	ton	239,052	248,645	236,115	242,546	210,354	263,235
Pig Iron(c)	ton	2,208,140	2,279,282	2,506,514	2,876,267	3,156,411	(d) 3,433,809
Steel Ingots(c)	..	3,015,569	3,133,081	3,395,261	3,693,770	3,884,929	(d) 4,167,175
Silver, Refined(e)	fine oz.	8,011,101	9,101,071	7,804,981	8,085,047	7,099,289	7,378,127
Tin	ton	1,806	2,121	2,226	2,254	2,546	2,704
Zinc, Refined Slab(f)	..	110,348	114,773	116,461	120,230	138,694	167,927

(a) Total production for refining in Australia and overseas. (b) Includes lead content of antimonial lead. (c) Includes recovery from scrap.
(d) Subject to revision. (e) Excludes refined silver of overseas origin and silver content of lead-silver bullion. (f) Includes small quantities of metal recovered from zinc dust used in works.

No. 17.—Average Daily Prices of Refined Metals: Australia

Year	Copper (ex Works Port Kembla)	Gold		Lead (f.o.b. Port Pirie)	Silver(a)	Tin	Zinc (f.o.b. Risdon)
		At Mint	Oversea Premium Market(b)				
	£ per ton	£ s. d. per f. oz.	£ s. d. per f. oz.	£ per ton	s. d. per f. oz.	£ per ton	£ per ton
1952	(c) 309	15 9 10	16 10 4	(d) 75	7 9	(d) 1,151	(d) 75
1953	(c) 330	15 9 10	16 2 9	(d) 104	7 8	(d) 919	(d) 92
1954	(c) 310	(e) 15 11 7	15 11 7	115	7 8	911	101
1955	437	15 12 6	15 13 1	127	8 1	947	114
1956	435	15 12 6	15 13 6	140	8 3	1,014	122
1957	341	15 12 6	15 13 2	117	8 3	992	104
1958	284	15 12 6	15 12 10	(f) 87	7 11 4	995	91
1959	312	15 12 6	15 12 10	100	8 2 1	1,058	105
1960	324	15 12 6	15 15 5	100	8 3 1	1,042	113
1961	307	15 12 6	15 14 1	99	8 4 1	(h) 1,169	102

(a) Prices shown represent export parity calculated from London Metal Exchange prices. (b) Sales of Australian gold on overseas premium markets commenced in December, 1951. The actual volume of sales has been largely dependent on prices offering and the series is therefore not indicative of the average return to gold producers for all gold produced. The series represents the weighted average return from sales on overseas premium markets, not the average daily price.

(c) Prices fixed by regulation prior to 26th October, 1954. (d) Prices fixed by regulation prior to 21st April, 1953. (e) Price of gold was raised on 1st May, 1954. (f) On 23rd December, 1958, the minimum domestic selling price was fixed at £100 per ton. This was reduced to £95 per ton on 14th November, 1961. (g) On 1st January, 1958, the minimum price was fixed at £90 per ton and this minimum was later raised to £100 per ton on 22nd December, 1958. The minimum price was abolished on 1st July, 1959. (h) Prior to 1st August, 1961, tin prices were quoted on an ex-Works, Sydney, basis. After that date, prices have been quoted as "delivered, Sydney".

No. 18.—Average Daily Prices of Refined Metals: United Kingdom

Year	Copper	Gold	Lead	Silver	Tin	Zinc
	£Stg. per ton	£Stg.s.d. per f. oz.	£Stg. per ton	£Stg.s.d. per f. oz.	£Stg. per ton	£Stg. per ton
1952	(a) 259	(b) 12 8 0	(c) 135	6 2	965	(d) 150
1953	(a) 243	(b) 12 8 0	91	6 2	731	(d) 75
1954	249	(b) 12 9 4 1/2	96	6 1 1/2	720	78
1955	352	12 10 11	106	6 4	741	91
1956	304	12 10 2 1/2	116	6 7	788	98
1957	220	12 10 2 1/2	97	6 7	755	82
1958	193	12 9 9 1/2	73	6 4 1/2	735	65
1959	235	12 9 10 1/2	72	6 7	786	80
1960	239	12 11 2 1/2	72	6 7 1/2	794	88
1961	228	12 11 0	65	6 7 1/2	895	78

(a) Prices fixed by regulation prior to 5th August, 1953. (b) Prices fixed by regulation prior to 22nd March, 1954. (c) Prices fixed by regulation prior to 1st October, 1952. (d) Prices fixed by regulation prior to 2nd January, 1953.

No. 19.—Average Prices of Coal

Year	Australia—New South Wales, Bituminous(a)	United Kingdom,—Deep Mined(b)	United States of America,—Bituminous and Lignite(c)
	£ s. d.	£Stg. s. d.	\$
1952	3 1 2	2 17 3	4.90
1953	3 1 1	3 1 2	4.92
1954	2 19 7	3 3 6	4.52
1955	2 19 2	3 8 1	4.50
1956	2 18 6	3 17 0	4.82
1957	2 16 9	4 2 1	5.08
1958	2 14 10	4 5 7	4.86
1959	2 12 7	4 3 5	4.77
1960	2 12 8	4 6 1	4.69
1961	2 12 3	4 10 10	4.58

(a) Average selling value at the mine per ton of 2,240 lb.; the figures relate to saleable coal and include excise duty. (b) Average value at the mine per ton of 2,240 lb. (c) Average value at the mine per ton of 2,000 lb.

No. 20.—Summary of Mining and Quarrying Operations: Australia

Year	Metal Mining	Fuel Mining	Non-Metal (incl. Fuel) Mining	Total All Mining	Construction Material Quarrying (b)	Total All Mining and Quarrying
NUMBER OF MINES AND QUARRIES (All Mines and Quarries)						
1957 ..	840	248	641	1,729	760	2,509
1958 ..	708	214	645	1,567	746	2,313
1959 ..	756	226	687	1,669	862	2,531
1960 ..	746	225	698	1,669	892	2,561
1961 ..	805	208	755	1,768	(c) 1,056	(c) 2,824
NUMBER OF MINES AND QUARRIES (Excludes Mines and Quarries employing less than four persons)						
1957 ..	194	247	143	586	273	859
1958 ..	177	231	151	559	330	889
1959 ..	171	221	171	563	327	890
1960 ..	157	215	168	540	349	889
1961 ..	159	203	168	530	(c) 399	(c) 929
AVERAGE NUMBER OF PERSONS EMPLOYED DURING WHOLE YEAR(d)						
1957 ..	22,928	23,924	2,749	49,601	4,640	54,241
1958 ..	20,495	22,335	2,728	45,558	4,581	50,139
1959 ..	20,256	20,197	2,975	43,428	4,116	47,544
1960 ..	19,893	19,928	2,925	42,742	5,016	47,758
1961 ..	19,287	18,398	2,942	40,627	(c) 5,498	(c) 46,125
SALARIES AND WAGES PAID(d) (£'000)						
1957 ..	29,284	26,745	2,400	58,429	3,219	61,648
1958 ..	25,488	26,195	2,384	54,067	3,241	57,308
1959 ..	26,218	25,147	2,611	53,996	3,490	57,486
1960 ..	26,727	27,793	2,664	57,094	3,428	60,722
1961 ..	26,464	27,383	2,875	56,722	(c) 4,018	(c) 60,740
VALUE OF OUTPUT AT MINE OR QUARRY(d) (£'000)						
1957 ..	80,754	57,507	9,017	147,278	17,833	165,111
1958 ..	70,190	57,076	10,160	137,426	18,529	155,955
1959 ..	77,532	55,314	10,555	143,401	21,574	164,975
1960 ..	83,823	62,046	10,866	156,735	24,505	181,240
1961 ..	76,089	64,803	11,494	152,386	(c) 27,765	(c) 180,151
TOTAL VALUE OF POWER, FUEL, LIGHT AND MATERIALS STORES USED (£'000)						
1957 ..	21,848	10,868	2,146	34,862	3,447	38,309
1958 ..	20,770	11,148	2,389	34,307	3,312	37,619
1959 ..	21,545	10,759	2,359	34,663	4,167	38,830
1960 ..	23,504	11,942	2,340	37,786	4,427	42,213
1961 ..	22,441	13,011	2,508	37,960	(c) 4,926	(c) 42,906
VALUE OF PRODUCTION(d) (£'000)						
1957 ..	58,906	46,639	6,871	112,416	14,386	126,802
1958 ..	49,420	45,928	7,771	103,119	15,217	118,336
1959 ..	55,977	44,575	8,196	108,748	17,407	126,155
1960 ..	60,319	50,104	8,526	118,949	20,078	139,027
1961 ..	55,648	51,772	8,986	114,406	(c) 22,839	(c) 137,245
VALUE OF ADDITIONS AND REPLACEMENTS TO FIXED ASSETS (£'000)						
1957 ..	10,734	11,935	1,575	24,244	874	25,118
1958 ..	7,159	10,221	1,283	18,663	825	19,488
1959 ..	10,229	11,361	1,454	23,044	1,406	24,452
1960 ..	12,861	12,861	1,454	27,176	2,186	29,362
1961 ..	7,175	14,238	1,274	22,707	(c) 2,281	(c) 24,988

(a) Incomplete; see Introductory Notes on page 1. (b) Incomplete in some States owing to difficulties of coverage. (c) Not strictly comparable with previous years; see Introductory Notes on page 1. (d) See definition on page 2.

No. 21.—Summary of Mining and Quarrying Operations

Year	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory (a)	Australia
NUMBER OF MINES AND QUARRIES (All Mines and Quarries)								
1957 ..	839	224	471	419	361	96	99	2,509
1958 ..	808	228	410	412	313	109	50	2,313
1959 ..	856	219	450	437	360	131	58	2,531
1960 ..	945	217	461	376	360	122	80	2,561
1961 ..	998 (b)	340	538	394	340	134	80	2,824
NUMBER OF MINES AND QUARRIES (Excludes Mines and Quarries employing less than four persons)								
1957 ..	256	170	173	86	91	54	29	859
1958 ..	295	143	170	122	98	46	15	889
1959 ..	286	141	165	107	119	56	16	890
1960 ..	304	138	163	105	112	58	9	889
1961 ..	294 (b)	190	162	109	107	56	11	929

(a) Includes Australian Capital Territory. (b) Not strictly comparable with previous years; see Introductory Notes on page 1.

No. 21.—Summary of Mining and Quarrying Operations—continued

Year	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory (a)	Australia
AVERAGE NUMBER OF PERSONS EMPLOYED DURING WHOLE YEAR(b)								
(All Mines and Quarries)								
1957 ..	27,273	4,449	9,094	2,041	7,811	2,898	673	54,241
1958 ..	24,984	4,302	8,276	1,987	7,451	2,504	545	50,139
1959 ..	21,998	3,507	8,434	2,243	8,105	2,724	533	47,544
1960 ..	22,207	3,851	8,454	2,153	7,791	2,799	501	47,758
1961 ..	21,496 (c)	4,281	7,933	2,027	7,117	2,826	445	46,125
SALARIES AND WAGES PAID(b) (£'000)								
(Excludes Mines and Quarries employing less than four persons)								
1957 ..	11,919	4,637	10,421	1,924	8,429	3,432	886	61,648
1958 ..	28,963	4,521	9,632	1,499	8,510	3,147	686	57,308
1959 ..	27,084	4,558	11,044	1,917	8,845	3,276	762	57,486
1960 ..	29,489	4,697	10,990	2,003	9,469	3,587	648	60,722
1961 ..	29,625 (c)	5,261	10,563	2,158	8,763	3,651	719	60,740
VALUE OF OUTPUT AT MINE OR QUARRY(b) (£'000)								
(All Mines and Quarries)								
1957 ..	81,170	12,728	25,576	11,872	20,979	8,421	2,365	165,111
1958 ..	71,414	13,694	27,632	12,308	20,777	7,358	2,712	155,955
1959 ..	71,090	14,015	31,329	13,269	21,787	7,639	2,996	164,975
1960 ..	79,641	16,267	37,608	13,952	22,166	8,067	3,539	181,240
1961 ..	78,171 (c)	20,027	32,220	15,012	22,496	7,959	3,366	180,151
TOTAL VALUE OF POWER, FUEL, LIGHT AND MATERIALS STORES USED (£'000)								
1957 ..	17,079	2,784	6,766	2,552	6,090	2,524	514	38,309
1958 ..	15,613	2,707	7,436	2,199	6,323	2,190	641	37,619
1959 ..	14,759	2,834	8,848	2,511	7,022	2,241	615	38,830
1960 ..	16,427	3,109	10,148	2,548	6,722	2,591	668	42,213
1961 ..	17,487 (c)	3,548	8,786	2,809	6,943	2,756	577	42,906
VALUE OF PRODUCTION(b) (£'000)								
(All Mines and Quarries)								
1957 ..	66,091	9,944	18,810	9,320	14,889	5,897	1,851	126,802
1958 ..	55,401	10,987	19,796	9,999	14,454	5,168	2,131	118,336
1959 ..	56,331	12,101	24,481	10,698	14,765	5,398	2,381	126,155
1960 ..	63,214	13,158	27,460	11,404	15,444	5,476	2,811	139,027
1961 ..	60,484 (c)	16,479	23,434	13,103	15,553	5,203	2,789	137,245
VALUE OF ADDITIONS AND REPLACEMENTS TO FIXED ASSETS (£'000)								
(Excludes Mines and Quarries employing less than four persons)								
1957 ..	10,875	3,065	5,619	1,665	2,454	781	659	25,118
1958 ..	8,772	2,958	3,568	1,030	2,295	600	265	19,488
1959 ..	8,091	4,539	7,095	1,039	2,665	521	472	24,452
1960 ..	10,665	2,857	4,160	1,294	2,119	557	244	21,896
1961 ..	10,928 (c)	4,688	3,965	1,932	2,202	1,045	208	24,988

(a) Includes Australian Capital Territory. (b) See definition on page 2. (c) Not strictly comparable with previous years; see Introductory Notes on page 1.

No. 22.—Mining and Quarrying: Number of Mines and Quarries, 1961

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Non-Metal (excluding Fuel) Mining—									
Clays(b)	52	18	45	2	153	1	24	..	295
Silver-Lead-Zinc Mining	14	..	5	1	4	1	..	..	27
Copper-Gold Mining	19	1	52	1	33	1	4	..	111
Iron Mining	59	..	159	..	8	28	12	..	266
Mineral Sands Mining	13	..	4	..	4	..	..	..	21
Other Metal Mining	29	3	11	7	25	3	7	..	85
Total Metal Mining	186	22	276	11	227	35	48	..	805
Fuel Mining—									
Black Coal Mining—	101	3	71	..	3	(a) 9	..	..	(a) 189
Underground	4	..	7	..	1	..	..	..	13
Open-cut	107	3	78	1	4	9	..	..	202
Total Black Coal Mining	..	6	..	..	..	..	..	..	6
Brown Coal Mining	107	9	78	1	4	9	..	..	208
Total Fuel Mining	..	107	9	78	1	4	9	..	..
Non-Metal (excluding Fuel) Mining—									
Clays(b)	189	24	64	50	30	12	..	..	369
Gypsum	8	6	..	10	8	9	..	..	32
Limestone	29	12	22	15	19	..	..	..	107
Salt(b)	..	11	2	22	5	..	2	..	42
Other Non-Metal (excluding Fuel) Mining	133	4	22	(c) 31	12	2	1	..	(c) 205
Total Non-Metal (excluding Fuel) Mining	359	57	110	128	74	23	4	..	755
Total All Mining	652	88	464	140	305	67	52	..	1,768
Construction Material Quarrying(b)	346	252	74	254	35	67	24	4	1,036
Total All Mining and Quarrying	998	340	538	394	340	134	76	4	2,824

(a) Includes one mine operating both underground and open-cut workings. (b) Incomplete; see Introductory Notes on page 1. (c) Excludes the workings of 700 opal prospectors.

No. 23.—Mining and Quarrying: Number of Mines and Quarries, Australia
Note.—All mines and quarries

Industry	1957	1958	1959	1960	1961
Metal Mining—					
Gold Mining	294	285	306	296	295
Silver-Lead-Zinc Mining	82	50	35	28	27
Copper-Gold Mining	166	81	90	111	101
Tin Mining	178	180	216	216	266
Mineral Sands Mining	32	28	22	22	21
Other Metal Mining	154	84	96	94	85
Total Metal Mining	840	708	756	746	805
Fuel Mining—					
Black Coal Mining—					
Underground(a)	226	212	204	203	189
Open-cut	15	15	14	15	13
Total Black Coal Mining	241	227	218	218	202
Brown Coal Mining	7	7	8	7	6
Total Fuel Mining	248	234	226	225	208
Non-Metal (excluding Fuel) Mining—					
Clay(b)	322	310	354	365	369
Gypsum	28	34	33	30	32
Limestone	92	90	97	99	107
Salt(c)	29	44	46	44	42
Other Non-Metal (excluding Fuel) Mining	170	167	157	160	205
Total Non-Metal (excluding Fuel) Mining	641	645	687	698	755
Total All Mining	1,729	1,587	1,669	1,669	1,768
Construction Material Quarrying(b)	780	746	862	892	(e) 1,056
Total All Mining and Quarrying	2,509	2,333	2,531	2,561	(e) 2,824

(a) Includes one mine operating both underground and open-cut workings comparable with previous years; see Introductory Notes on page 1. (b) Incomplete; see Introductory Notes on page 1. (c) Not strictly comparable with previous years; see Introductory Notes on page 1.

No. 24.—Mining and Quarrying: Number of Mines and Quarries, Australia
Note.—Excludes mines and quarries employing less than four persons

Industry	1957	1958	1959	1960	1961
Metal Mining—					
Gold Mining	57	58	62	52	52
Silver-Lead-Zinc Mining	25	19	18	19	19
Copper-Gold Mining	22	19	14	14	16
Tin Mining	36	33	30	33	35
Mineral Sands Mining	31	26	22	22	21
Other Metal Mining	23	22	25	17	16
Total Metal Mining	194	177	171	157	159
Fuel Mining—					
Black Coal Mining—					
Underground(a)	225	209	200	199	185
Open-cut	15	15	14	15	13
Total Black Coal Mining	240	224	214	210	198
Brown Coal Mining	7	7	7	5	5
Total Fuel Mining	247	231	221	215	203
Non-Metal (excluding Fuel) Mining—					
Clay(b)	59	59	75	73	66
Gypsum	9	12	12	10	11
Limestone	38	41	42	42	44
Salt(c)	9	10	12	18	16
Other Non-Metal (excluding Fuel) Mining	30	29	30	25	31
Total Non-Metal (excluding Fuel) Mining	145	151	171	168	168
Total All Mining	586	559	563	540	530
Construction Material Quarrying(b)	273	330	327	349	(e) 399
Total All Mining and Quarrying	859	889	890	889	(e) 929

(a) Includes one mine operating both underground and open-cut workings comparable with previous years; see Introductory Notes on page 1. (b) Incomplete; see Introductory Notes on page 1. (c) Not strictly comparable with previous years; see Introductory Notes on page 1.

No. 25.—Mining and Quarrying: Classification of Mines and Quarries According to Average Number of Persons Employed, 1961

Industry Group/State or Territory	Mines and Quarries Employing on the Average During the Period Worked—									
	Less than 4 persons		From 4 to 20 persons		From 21 to 200 persons		More than 200 persons		Total	
	Mines, &c.	Persons	Mines, &c.	Persons	Mines, &c.	Persons	Mines, &c.	Persons	Mines, &c.	Persons
Metal Mining—										
New South Wales	143	238	26	185	12	698	5	5,146	186	6,267
Victoria	14	28	3	35	3	171	2	2	22	234
Queensland	256	482	10	63	8	(a)	2	(a)	276	4,699
South Australia	9	16			1	(a)	1	(a)	11	(a)
Western Australia	161	496	45	369	14	1,099	7	(a)	227	(a)
Tasmania	22	15	4	27	6	452	3	1,744	15	2,258
Northern Territory	41	62	4	22	2	133	1	221	48	438
Total Metal Mining	646	1,357	94	701	46	3,226	19	14,850	805	20,134
Fuel Mining—										
New South Wales	2	5	26	303	58	5,168	21	7,036	107	12,512
Victoria	2	6	3	39	2	96	2	1,691	9	1,832
Queensland			17	283	59	(a)	1	(a)	78	2,278
South Australia							1	(a)	1	(a)
Western Australia	1	5	40	3	215	1	(a)	4	(a)	257
Tasmania										
Total Fuel Mining	5	13	51	665	125	8,394	27	9,739	208	18,811
Total Mining and Quarrying(b)—										
New South Wales	704	1,092	175	1,421	93	7,103	26	12,182	998	21,798
Victoria	150	255	152	1,241	35	1,293	3	1,907	340	4,696
Queensland	376	678	84	859	74	3,356	4	4,041	538	8,934
South Australia	285	502	95	721	12	578	2	566	394	2,367
Western Australia	233	617	78	622	20	1,619	9	4,539	340	7,397
Tasmania	78	154	41	305	12	742	3	1,744	134	2,945
Northern Territory	67	(c) 113	6	(c) 50	2	(c) 158	1	221	76	(c) 542
Australian Capital Territory	2	(d)	1	(d)	1	(d)			4	(d)
Total All Mining and Quarrying	1,895	3,411	632	5,219	249	14,849	48	25,200	2,824	48,679

(a) Not available for publication. (b) Includes, in addition to the above, particulars for Non-Metal Mining and Construction Material Quarrying. (c) Includes Australian Capital Territory. (d) Not available for publication; included with Northern Territory.

No. 26.—Mining and Quarrying: Classification of Mines and Quarries According to Average Number of Persons Employed, Australia, 1961

Industry	Mines and Quarries Employing on the Average During the Period Worked—									
	Less than 4 persons		From 4 to 20 persons		From 21 to 200 persons		More than 200 persons		Total	
	Mines, &c.	Persons	Mines, &c.	Persons	Mines, &c.	Persons	Mines, &c.	Persons	Mines, &c.	Persons
Metal Mining—										
Gold Mining	243	645	32	233	13	838	7	1,876	295	5,592
Silver-Lead-Zinc Mining	8	20	11	64	1	42	7	8,465	27	8,591
Copper-Gold Mining	95	145	10	58	3	231	3	1,932	111	2,366
Tin Mining	231	419	27	184	7	356	1	285	266	1,244
Mineral Sands Mining	5	82	16	1,088	1	16	21	1,170	21	1,170
Other Metal Mining	69	128	9	80	6	671	1	292	85	1,171
Total Metal Mining	646	1,357	94	701	46	3,226	19	14,850	805	20,134
Fuel Mining—										
Black Coal Mining	4	10	49	637	123	8,298	26	8,402	202	17,347
Brown Coal Mining	1	3	2	28	2	96	1	1,337	6	1,464
Total Fuel Mining	5	13	51	665	125	8,394	27	9,739	208	18,811
Non-Metal (excluding Fuel) Mining—										
Clay(a)	303	491	65	439	1	29			369	959
Gypsum	21	42	10	65	1	79			32	186
Limestone	63	109	33	253	11	623			107	985
Salt(b)	26	51	13	91	2	(b)	1	(b)	42	442
Other Non-Metal (excluding Fuel) Mining	174	266	25	177	5	(b)	1	(b)	205	1,002
Total Non-Metal (excluding Fuel) Mining	587	959	146	1,025	20	979	2	611	755	3,574
Total All Mining	1,238	2,329	291	2,391	191	12,590	48	25,200	1,768	42,519
Construction Material Quarrying(a)	657	1,082	341	2,828	58	2,250			1,056	6,160
Total All Mining and Quarrying	1,895	3,411	632	5,219	249	14,849	48	25,200	2,824	48,679

(a) Incomplete; see Introductory Notes on page 1. (b) Not available for publication.

No. 27.—Mining and Quarrying: Working Proprietors, Salaried Staff and Wage Earners on Last Full Working Day in 1961, Australia
NOTE.—Excludes mines and quarries employing less than four persons

Industry	Working Proprietors	Salaried Staff		Wage Earners		Total Persons Employed		
		Above Ground	Below Ground	Above Ground	Below Ground	Males	Females	Total
Metal Mining—								
Gold Mining	21	414	212	1,838	2,542	4,962	65	5,027
Silver-Lead-Zinc Mining	15	1,227	329	2,984	3,723	8,295	183	8,478
Copper-Gold Mining	12	255	13	1,586	300	2,112	54	2,166
Tin Mining	26	71	10	466	241	806	8	814
Mineral Sands Mining	2	142	7	1,098	1,208	34	1,242	1,141
Other Metal Mining	2	130	7	847	1,060	34	1,094	1,097
Total Metal Mining	78	2,239	771	8,819	6,914	18,443	378	18,821
Fuel Mining—								
Black Coal Mining	70	755	216	4,993	10,716	16,651	99	16,750
Brown Coal Mining	187	1	1,308	7	1,492	7	11	1,503
Total Fuel Mining	70	942	217	6,301	10,723	18,143	110	18,253
Non-Metal (excluding Fuel) Mining—								
Clays(e)	24	18	—	794	22	456	2	458
Gypsum	3	10	—	126	1	139	1	140
Limestone	15	64	—	783	—	860	2	862
Salt(e)	1	15	—	129	—	144	1	145
Other Non-Metal (excluding Fuel) Mining	8	35	14	514	231	795	7	802
Total Non-Metal (excluding Fuel) Mining	51	142	14	1,946	254	2,394	13	2,407
Total All Mining	199	3,323	1,002	17,066	17,891	38,980	501	39,481
Construction Material Quarrying(a)	170	249	—	3,182	—	3,539	62	4,951
Total All Mining and Quarrying	369	3,572	1,002	20,248	17,891	42,519	563	44,432

(a) Incomplete; see Introductory Notes on page 1. (b) Includes 1,150 persons in New South Wales for whom a distribution into the employment categories shown is not available.

No. 28.—Mining and Quarrying: Average Number of Persons Employed (including Working Proprietors) during Period Worked, 1961
NOTE.—All mines and quarries

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Metal Mining—									
Gold Mining	87	220	(a)	(a)	4,938	(a)	174	—	5,592
Silver-Lead-Zinc Mining	5,186	(a)	(a)	(a)	24	(a)	3	—	8,591
Copper-Gold Mining	92	4	(a)	(a)	229	(a)	229	—	2,366
Tin Mining	161	(a)	(a)	—	52	(a)	23	—	1,244
Mineral Sands Mining	688	(a)	(a)	(a)	(a)	—	—	—	1,170
Other Metal Mining	53	10	(a)	(a)	421	(a)	9	—	1,171
Total Metal Mining	6,267	234	4,699	(a)	(a)	2,258	438	—	20,134
Fuel Mining—									
Black Coal Mining—	12,160	368	3,658	(a)	(a)	—	—	—	(a)
Underground	152	—	220	(a)	(a)	—	—	—	(a)
Openpit	—	—	—	—	—	—	—	—	(a)
Total Black Coal Mining	12,512	368	3,278	(a)	(a)	257	—	—	17,347
Brown Coal Mining	—	1,464	—	—	—	—	—	—	1,464
Total Fuel Mining	12,512	1,832	3,278	(a)	(a)	257	—	—	18,811
Non-Metal (excluding Fuel) Mining—									
Clays(e)	454	92	121	—	97	38	—	—	959
Gypsum	31	13	—	(a)	186	—	—	—	186
Limestone	374	133	(a)	143	(a)	(a)	1	—	985
Salt(e)	(a)	(a)	(a)	(a)	(a)	—	4	—	442
Other Non-Metal (excluding Fuel) Mining	405	(a)	(a)	119	(a)	(a)	1	—	1,002
Total Non-Metal (excluding Fuel) Mining	1,264	501	399	694	591	119	6	—	3,574
Total All Mining	20,043	2,567	8,376	1,366	7,089	2,634	444	—	42,519
Construction Material Quarrying(e)	1,755	2,129	558	1,001	308	311	(d) 98	(e)	6,160
Total All Mining and Quarrying	21,798	4,696	8,934	2,367	7,397	2,945	(d) 542	(e)	48,679

(a) Not available for publication. (b) Includes persons engaged by one mine which has both underground and openpit workings. (c) Incomplete; see Introductory Notes on page 1. (d) Includes Australian Capital Territory. (e) Not available for publication; included with Northern Territory.

No. 29.—Mining and Quarrying: Average Number of Persons Employed (including Working Proprietors) during Whole Year, 1961

NOTE.—All mines and quarries

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Metal Mining—									
Gold Mining	20	205	(a)	(a)	4,909	(a)	140	—	5,438
Silver-Lead-Zinc Mining	5,164	2	(a)	(a)	21	(a)	1	—	3,158
Copper-Gold Mining	72	(a)	(a)	(a)	219	(a)	226	—	2,322
Tin Mining	104	(a)	(a)	(a)	49	(a)	5	—	1,131
Mineral Sands Mining	669	(a)	(a)	(a)	396	(a)	5	—	1,141
Other Metal Mining	33	10	(a)	(a)	—	(a)	—	—	1,097
Total Metal Mining	6,062	217	4,233	(a)	(a)	2,247	377	—	19,287
Fuel Mining—									
Black Coal Mining—	12,360	340	2,806	(a)	(a)	(b) 257	—	—	(a)
Underground	152	—	184	(a)	(a)	—	—	—	(a)
Openpit	—	—	—	—	—	—	—	—	(a)
Total Black Coal Mining	12,512	340	2,990	(a)	(a)	257	—	—	16,957
Brown Coal Mining	—	1,441	—	—	—	—	—	—	1,441
Total Fuel Mining	12,512	1,781	2,990	(a)	(a)	257	—	—	18,398
Non-Metal (excluding Fuel) Mining—									
Clays(e)	446	84	52	123	68	21	—	—	794
Gypsum	30	17	(a)	(a)	(a)	—	—	—	172
Limestone	357	124	(a)	139	(a)	(a)	—	—	916
Salt(e)	(a)	(a)	(a)	(a)	(a)	—	3	—	180
Other Non-Metal (excluding Fuel) Mining	334	(a)	(a)	95	(a)	(a)	1	—	880
Total Non-Metal (excluding Fuel) Mining	1,167	261	285	590	535	100	4	—	2,942
Total All Mining	19,741	2,259	7,508	1,250	6,884	2,604	381	—	40,627
Construction Material Quarrying(e)	1,755	2,022	425	777	233	222	(d) 64	(e)	5,498
Total All Mining and Quarrying	21,496	4,281	7,933	2,027	7,117	2,826	(d) 445	(e)	46,125

(a) Not available for publication. (b) Includes persons engaged by one mine which has both underground and openpit workings. (c) Incomplete; see Introductory Notes on page 1. (d) Includes Australian Capital Territory. (e) Not available for publication; included with Northern Territory.

No. 30.—Mining and Quarrying: Average Number of Persons Employed (including Working Proprietors) during Whole Year, Australia
NOTE.—All mines and quarries

Industry	1957	1958	1959	1960	1961
Metal Mining—					
Gold Mining	6,205	5,901	5,948	5,544	5,438
Silver-Lead-Zinc Mining	10,354	9,461	9,031	8,731	8,158
Copper-Gold Mining	2,151	2,057	2,301	2,364	2,322
Tin Mining	556	944	926	946	1,131
Mineral Sands Mining	2,062	1,102	1,019	1,127	1,141
Other Metal Mining	1,300	1,030	1,031	1,177	1,097
Total Metal Mining	22,928	20,495	20,256	19,889	19,287
Fuel Mining—					
Black Coal Mining	22,345	20,795	18,678	18,539	16,957
Brown Coal Mining	1,579	1,540	1,519	1,399	1,441
Total Fuel Mining	23,924	22,335	20,197	19,928	18,398
Non-Metal (excluding Fuel) Mining—					
Clays(e)	753	734	923	858	794
Gypsum	181	171	171	170	172
Limestone	891	939	878	911	916
Salt(e)	160	159	220	219	180
Other Non-Metal (excluding Fuel) Mining	764	725	783	767	880
Total Non-Metal (excluding Fuel) Mining	2,749	2,728	2,975	2,925	2,942
Total All Mining	49,601	45,558	43,428	42,742	40,627
Construction Material Quarrying(a)	4,640	4,581	4,116	5,016	5,498
Total All Mining and Quarrying	54,241	50,139	47,544	47,758	46,125

(a) Incomplete; see Introductory Notes on page 1.

No. 31.—Mining and Quarrying: Average Number of Persons Employed (including Working Proprietors) during Whole Year

NOTE.—All mines and quarries

State or Territory	1957	1958	1959	1960	1961
All Mining—					
New South Wales	26,028	23,700	20,926	20,550	19,741
Victoria	2,759	2,610	2,461	2,358	2,259
Queensland	8,633	7,781	7,892	7,962	7,508
South Australia	1,234	1,291	1,331	1,331	1,250
Western Australia	7,594	7,229	7,817	7,511	6,884
Tasmania	2,748	2,471	2,548	2,614	2,604
Northern Territory	605	474	453	406	381
Total All Mining	49,601	45,558	43,428	42,742	40,627
Construction Material Quarrying(a)	4,640	4,581	4,116	5,016	5,498
Total All Mining and Quarrying	54,241	50,139	47,544	47,758	46,125

(a) Incomplete; see Introductory Notes on page 1.

No. 32.—Mining and Quarrying: Salaries and Wages Paid(a), 1961

NOTE.—Excludes mines and quarries employing less than four persons

(£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Metal Mining—									
Salaries	2,196	35	1,526	(b)	(b)	485	124	—	5,426
Wages	7,079	217	4,268	(b)	(b)	2,513	524	—	21,038
Total	9,275	272	5,794	(b)	(b)	2,998	648	—	26,464
Fuel Mining—									
Salaries	1,375	303	324	(b)	(b)	23	—	—	2,137
Wages	18,096	2,036	3,778	(b)	(b)	323	—	—	25,246
Total	19,381	2,339	4,102	(b)	(b)	346	—	—	27,383
Non-Metal (excluding Fuel) Mining(c)—									
Salaries	52	41	9	75	68	5	—	—	252
Wages	917	246	274	503	594	89	—	—	2,623
Total	969	289	283	578	662	94	—	—	2,875
Total All Mining—									
Salaries	3,623	381	1,859	(b)	(b)	513	124	—	7,815
Wages	26,062	2,519	8,320	(b)	(b)	2,925	524	—	48,907
Total	29,625	2,900	10,179	1,421	8,511	3,438	648	—	56,722
Construction Material Quarrying(c)—									
Salaries	(d)	201	16	52	37	14	(e)	(f)	335
Wages	(d)	2,158	368	685	215	199	(e)	(f)	3,683
Total	(d)	2,361	384	737	252	213	(e)	(f)	4,018
Total All Mining and Quarrying—									
Salaries	3,449	562	1,854	236	1,118	508	(e)	(f)	7,898
Males	134	22	21	12	38	19	6	—	252
Females	—	—	—	—	—	—	—	—	—
Total Salaries	3,623	584	1,875	248	1,156	527	(e)	(f)	8,150
Wages—									
Males	25,975	4,667	8,609	1,904	7,588	3,124	(e)	(f)	52,447
Females	27	10	79	6	19	(h)	2	—	143
Total Wages	26,062	4,677	8,688	1,910	7,607	3,124	(e)	(f)	52,590
Total Salaries and Wages	29,625	5,261	10,563	2,158	8,763	3,651	(e)	(f)	60,740

(a) Excludes drawings by working proprietors. Value of explosives sold to employees (£516,000, which has been deducted from wages paid to male employees), is also excluded. (b) Not available for publication. (c) Incomplete; see Introductory Notes on page 1. (d) Not available. (e) Include Australian Capital Territory. (f) Not available for publication; included with Northern Territory. (g) Incomplete; see footnote (d). (h) Less than 100.

No. 33.—Mining and Quarrying: Salaries and Wages Paid(a) Classified According to Industry, 1961

NOTE.—Excludes mines and quarries employing less than four persons (£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Metal Mining—									
Gold Mining	3	(b)	(b)	—	6,020	(b)	217	—	6,591
Silver-Lead-Zinc Mining	8,275	(b)	(b)	—	22	(b)	—	—	13,261
Copper-Gold Mining	77	3	(b)	—	259	(b)	428	—	2,915
Tin Mining	46	(b)	(b)	—	67	(b)	3	—	946
Mineral Sands Mining	861	(b)	(b)	—	(b)	(b)	—	—	1,474
Other Metal Mining	13	(b)	(b)	(b)	451	(b)	—	—	1,277
Total Metal Mining	9,275	272	5,794	(b)	(b)	2,998	648	—	26,464
Fuel Mining—									
Black Coal Mining	19,381	416	4,102	(b)	(b)	346	—	—	25,460
Brown Coal Mining	—	1,923	—	—	—	—	—	—	1,923
Total Fuel Mining	19,381	2,339	4,102	(b)	(b)	346	—	—	27,383
Non-Metal (excluding Fuel) Mining—									
Clay(s)	257	85	—	76	(b)	(b)	—	—	481
Gypsum	28	6	(b)	(b)	(b)	(b)	—	—	165
Limestone	445	198	(b)	167	(b)	(b)	—	—	1,166
Salt(s)	—	(d)	(b)	(b)	(b)	(b)	—	—	153
Other Non-Metal (excluding Fuel) Mining	239	—	(b)	73	(b)	—	—	—	910
Total Non-Metal (excluding Fuel) Mining	969	289	283	578	662	94	—	—	2,875
Total All Mining	29,625	2,900	10,179	1,421	8,511	3,438	648	—	56,722
Construction Material Quarrying(c)	(d)	2,361	384	737	252	213	(e)	(f)	4,018
Total All Mining and Quarrying	29,625	5,261	10,563	2,158	8,763	3,651	(e)	(f)	60,740

(a) See definition on page 2. (b) Not available for publication. (c) Incomplete; see Introductory Notes on page 1. (d) Not available. (e) Include Australian Capital Territory. (f) Not available for publication; included with Northern Territory.

No. 34.—Mining and Quarrying: Salaries and Wages Paid(a) Classified According to Industry, Australia

NOTE.—Excludes mines and quarries employing less than four persons

(£'000)

Industry	1957	1958	1959	1960	1961
Metal Mining—					
Gold Mining	6,422	6,492	6,504	6,655	6,591
Silver-Lead-Zinc Mining	16,241	13,462	13,944	13,555	13,261
Copper-Gold Mining	2,289	2,362	2,710	2,938	2,915
Tin Mining	737	717	814	905	946
Mineral Sands Mining	1,373	1,327	1,188	1,336	1,474
Other Metal Mining	1,402	1,108	1,058	1,338	1,277
Total Metal Mining	29,284	25,488	26,218	26,727	26,464
Fuel Mining—					
Black Coal Mining	25,105	24,501	23,417	25,218	25,460
Brown Coal Mining	1,640	1,694	1,710	1,785	1,923
Total Fuel Mining	26,745	26,195	25,147	27,003	27,383
Non-Metal (excluding Fuel) Mining—					
Clay(s)	355	361	490	515	481
Gypsum	140	147	157	151	165
Limestone	981	991	953	1,048	1,166
Salt(s)	154	180	194	184	153
Other Non-Metal (excluding Fuel) Mining	770	705	837	766	910
Total Non-Metal (excluding Fuel) Mining	2,400	2,384	2,631	2,664	2,875
Total All Mining	58,429	54,067	53,996	57,094	56,722
Construction Material Quarrying(b)	3,219	3,241	3,490	3,628	4,018
Total All Mining and Quarrying	61,648	57,308	57,486	60,722	60,740

(a) See definition on page 2. (b) Incomplete; see Introductory Notes on page 1.

No. 35.—Mining and Quarrying: Value of Power, Fuel and Light Used, 1961

NOTE.—Excludes mines and quarries employing less than four persons (£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia	
Metal Mining—										
Gold Mining	(a)	(b)	(b)		1,696		29		1,802	
Silver-Lead-Zinc Mining	1,334		(b)		10	(b)			2,232	
Copper-Gold Mining	16	1	(b)		87	(b)	86		537	
Tin Mining	10		(b)		28	(b)	1		191	
Mineral Sands Mining	315		(b)		(b)				531	
Other Metal Mining	2	(b)	(b)	(b)	147	(b)			303	
Total Metal Mining	1,677	63	1,267	(b)	(b)	304	116		5,596	
Fuel Mining—										
Black Coal Mining	2,140	76	273	(b)	(b)	23			2,617	
Brown Coal Mining		268							268	
Total Fuel Mining	2,140	344	273	(b)	(b)	23			2,885	
Non-Metal (excluding Fuel) Mining—										
Clay(s)	32	23		(b)	(b)	(b)			75	
Gypsum	11	2		(b)	(b)				33	
Limestone	71	43	(b)	27	(b)	(b)			214	
Sulfur		(d)	(b)	(b)	(b)				35	
Other Non-Metal (excluding Fuel) Mining	32		(b)	11	(b)				219	
Total Non-Metal (excluding Fuel) Mining	146	68	68	92	192	10			576	
Total All Mining	3,963	475	1,608	203	2,355	337	116		9,057	
Construction Material Quarrying(s)	(d)	542	47	141	58	37	(e)	21	(f)	846
Total All Mining and Quarrying	3,963	1,017	1,655	344	2,413	374	(e)	137	(f)	9,903

(a) Less than £50. (b) Not available for publication. (c) Incomplete; see Introductory Notes on page 1. (d) Not available. (e) Includes Australian Capital Territory. (f) Not available for publication; included with Northern Territory.

No. 36.—Mining and Quarrying: Fuels Used, Australia, 1961

NOTE.—Excludes mines and quarries employing less than four persons

Industry	Coal		Coke		Wood		Fuel Oil, Petrol, &c.	Electricity Purchased	Other(s)	Total Power, Fuel and Light Used	
	Tons	£'000	Tons	£'000	Tons	£'000	£'000	£'000	£'000	£'000	
Metal Mining—											
Gold Mining	42	(b)	205	5	16,398	66	135	1,596	..	1,802	
Silver-Lead-Zinc Mining	48	1	1,111	13	580	4	44	1,980	190	2,232	
Copper-Gold Mining	3,246	17	92	2	..	..	140	378	..	537	
Tin Mining	50	(b)	10	(b)	1,054	4	46	140	(b)	191	
Mineral Sands Mining	2,055	9	..	..	14,919	13	183	326	..	531	
Other Metal Mining	..	..	72	1	932	1	116	170	15	303	
Total Metal Mining	5,481	27	1,690	21	33,883	88	664	4,590	206	5,596	
Fuel Mining—											
Black Coal Mining	58,395	157	4	(b)	23	(b)	228	2,232	(b)	2,617	
Brown Coal Mining	..	..	..	..	..	..	31	237	..	268	
Total Fuel Mining	58,395	157	4	(b)	23	(b)	259	2,469	(b)	2,885	
Non-Metal (excluding Fuel) Mining—											
Clay(s)	..	..	..	..	10	(b)	11	8	11	(d)	75
Gypsum	..	..	..	..	..	..	32	1	..	33	
Limestone	3,494	24	..	..	12,016	19	91	80	..	214	
Salt(s)	..	..	..	..	..	..	10	25	..	35	
Other Non-Metal (excluding Fuel) Mining	..	..	8	(b)	476	2	66	151	(b)	219	
Total Non-Metal (excluding Fuel) Mining	3,494	24	8	(b)	12,502	21	210	265	11	(d)	576
Total All Mining	67,370	208	1,702	21	46,408	109	1,133	7,324	217	(d)	9,057
Construction Material Quarrying(s)	77	(b)	2	(b)	469	1	472	339	34	846	
Total All Mining and Quarrying	67,447	208	1,704	21	46,877	110	1,605	7,663	251	(d)	9,903

(a) Compressed air purchased, &c. (b) Less than £500. (c) Incomplete; see Introductory Notes on page 1. (d) Includes amounts for New South Wales and Western Australia which are not available for distribution by items.

No. 37.—Mining and Quarrying: Value of Materials and Stores (Other than Power, Fuel and Light) Used(s), 1961

NOTE.—Excludes mines and quarries employing less than four persons (£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia	
Metal Mining—										
Gold Mining	(b)	(c)	(c)		2,953		80		3,174	
Silver-Lead-Zinc Mining	4,035		(c)		(c)		257		8,071	
Copper-Gold Mining	85	(b)	(c)		126	(c)			2,951	
Tin Mining	8		(c)		52	(c)	2		403	
Mineral Sands Mining	590		(c)		(c)				1,266	
Other Metal Mining	14	(c)	(c)	(c)	274	(c)			946	
Total Metal Mining	4,722	102	5,537	(c)	(c)	2,098	339		16,811	
Fuel Mining—										
Black Coal Mining	8,188	42	1,031	(c)	(c)	96			9,791	
Brown Coal Mining		314							354	
Total Fuel Mining	8,188	396	1,031	(c)	(c)	96			10,145	
Non-Metal (excluding Fuel) Mining—										
Clay(s)	181	30		(c)	(c)	(c)			247	
Gypsum	19	5		(c)	(c)				91	
Limestone	282	179	(c)	105	(c)	(c)			843	
Salt(s)		(c)	(c)	(c)	(c)				89	
Other Non-Metal (excluding Fuel) Mining	96		(c)	30	(c)				537	
Total Non-Metal (excluding Fuel) Mining	578	214	207	289	441	78			1,807	
Total All Mining	13,488	712	6,775	974	4,203	2,272	339		28,763	
Construction Material Quarrying(s)	(c)	1,716	327	1,243	267	86	(f)	99	(g)	3,758
Total All Mining and Quarrying	13,488	2,448	7,102	2,217	4,470	2,358	(f)	438	(g)	32,521

(a) Includes value of explosives sold to employees. (b) Less than £500. (c) Not available for publication. (d) Incomplete; see Introductory Notes on page 1. (e) Not available. (f) Includes Australian Capital Territory. (g) Not available for publication; included with Northern Territory.

No. 38.—Mining and Quarrying: Value of Materials and Stores (Other than Power, Fuel and Light) Used, Australia, 1961

NOTE.—Excludes mines and quarries employing less than four persons (£'000)

NOTE—Excludes Timber and Fuel Mining									
(£'000)									
Industry					Timber	Explosives		Other Materials and Stores (a)	Total
						Sold to Employees	Other		
Metal Mining—									
Gold Mining	141				13		388	2,432	3,174
Silver-Lead-Zinc Mining	1,133				293		276	6,379	8,071
Copper-Gold Mining	11				24		293	2,621	2,951
Tin Mining	38				16		21	328	403
Mineral Sands Mining	1						1	1,264	1,266
Other Metal Mining	3				15		119	809	946
Total Metal Mining	1,327				351		1,298	13,835	16,811
Fuel Mining—									
Black Coal Mining	1,446				122		1,062	7,161	9,791
Brown Coal Mining								354	354
Total Fuel Mining	1,446				122		1,062	7,515	10,145
Non-Metal (excluding Fuel) Mining—									
Clay(s)	4						3	39 (c)	247
Gypsum	(d)						25	66	91
Limestone	2						184	657	843
Salt(s)	(d)							89	89
Other Non-Metal (excluding Fuel) Mining	3				53		59	422	537
Total Non-Metal (excluding Fuel) Mining	9				53		271	1,273 (c)	1,807
Total All Mining	2,782				526		2,631	22,623 (c)	28,763
Construction Material Quarrying(s)	3	(d)					687	3,068	3,758
Total All Mining and Quarrying	2,785				526		3,318	25,691 (c)	32,521

(a) Includes mining and ore dressing materials and stores, repairs, water, lubricating oil, &c. (b) Incomplete; see Introductory Notes on page 1. (c) Includes amounts for New South Wales and Western Australia which are not available for distribution by items. (d) Less than £50.

No. 39.—Mining and Quarrying: Value of Power, Fuel, Light, Materials and Stores Used, 1961

NOTE.—All mines and quarries

(£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Metal Mining—									
Gold Mining	1	166	(a)	(a)	4,649	(a)	109	..	4,979
Silver-Lead-Zinc Mining	5,360	..	(a)	(a)	15	(a)	..	..	10,303
Copper-Gold Mining	108	1	(a)	(a)	221	(a)	343	..	3,503
Tin Mining	22	..	(a)	..	80	(a)	3	..	601
Mineral Sands Mining	995	..	(a)	..	(a)	..	..	..	1,797
Other Metal Mining	13	1	(a)	(a)	421	(a)	(b)	..	1,258
Total Metal Mining	6,418	168	6,804	(a)	(a)	2,405	455	..	22,441
Fuel Mining—									
Black Coal Mining	10,328	118	1,304	(a)	(a)	120	..	..	12,409
Brown Coal Mining	..	622	..	..	..	..	..	..	622
Total Fuel Mining	10,328	740	1,304	(a)	(a)	120	..	..	13,031
Non-Metal (excluding Fuel) Mining—									
Clay(d)	213	57	(b)	32	47	7	..	..	(c) 356
Gypsum	36	19	..	(a)	(a)	..	..	..	152
Limestone	356	227	(a)	34	(a)	(a)	..	..	1,078
Salt(b)	..	(b)	(a)	(a)	(a)	..	(b)	..	(c) 150
Other Non-Metal (excluding Fuel) Mining	136	(a)	(a)	47	(a)	(a)	..	..	772
Total Non-Metal (excluding Fuel) Mining	741	303	275	433	662	94	..	..	2,508
Total All Mining	17,487	1,211	8,383	1,230	6,595	2,619	455	..	37,980
Construction Material Quarrying(d)	(b)	2,337	401	348	137	(f)	122	(g)	4,926
Total All Mining and Quarrying	17,487	3,548	8,786	2,809	6,943	2,756	(f)	(g)	42,906

(a) Not available for publication. (b) Not available. (c) Incomplete; refer to footnote (b). (d) Incomplete; see Introductory Notes on page 1. (e) Less than £500. (f) Includes Australian Capital Territory. (g) Not available for publication; included with Northern Territory.

No. 40.—Mining and Quarrying: Value of Power, Fuel, Light, Materials and Stores Used, Australia

NOTE.—All mines and quarries

(£'000)

Industry	1957	1958	1959	1960	1961	
Metal Mining—						
Gold Mining	5,076	4,970	5,069	4,909	4,979	
Silver-Lead-Zinc Mining	10,419	10,025	10,367	12,106	10,303	
Copper-Gold Mining	2,549	2,969	3,325	3,288	3,503	
Tin Mining	428	521	512	530	601	
Mineral Sands Mining	1,977	1,281	1,348	1,562	1,797	
Other Metal Mining	1,399	1,004	924	1,109	1,258	
Total Metal Mining	21,848	20,770	21,545	23,504	22,441	
Fuel Mining—						
Black Coal Mining	10,233	10,536	10,166	11,319	12,409	
Brown Coal Mining	635	612	593	623	622	
Total Fuel Mining	10,868	11,148	10,759	11,942	13,031	
Non-Metal (excluding Fuel) Mining—						
Clay(d)	224	247	398	374	356	
Gypsum	170	180	129	141	152	
Limestone	1,128	1,191	969	1,062	1,078	
Salt(b)	149	158	192	141	150	
Other Non-Metal (excluding Fuel) Mining	475	613	671	622	772	
Total Non-Metal (excluding Fuel) Mining	2,146	2,389	2,359	2,340	2,508	
Total All Mining	34,862	34,307	34,663	37,786	37,980	
Construction Material Quarrying(e)	3,447	3,312	4,167	4,427	(b)	4,926
Total All Mining and Quarrying	38,309	37,619	38,830	42,213	(b)	42,906

(a) Incomplete; see Introductory Notes on page 1. (b) Not strictly comparable with previous years; see Introductory Notes on page 1.

No. 41.—Mining and Quarrying: Value of Output(a), 1961

NOTE.—All mines and quarries

(£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia	
Metal Mining—										
Gold Mining	12	470	(b)	1	14,311	(b)	917	..	15,952	
Silver-Lead-Zinc Mining	17,706	..	(b)	1	24	(b)	1	..	35,633	
Copper-Gold Mining	19	2	(b)	1	458	(b)	2,041	..	8,051	
Tin Mining	170	..	1,370	..	233	1,163	4	..	2,940	
Mineral Sands Mining	2,933	..	1,588	..	644	..	..	..	5,165	
Other Metal Mining	95	19	(b)	5,177	2,122	(b)	12	..	8,348	
Total Metal Mining	20,935	491	22,207	5,180	17,792	6,509	2,975	..	76,089	
Fuel Mining—										
Black Coal Mining	45,112	359	8,008	1,338	1,680	584	..	..	57,081	
Brown Coal Mining	..	7,722	..	..	..	..	..	..	7,722	
Total Fuel Mining	45,112	8,081	8,008	1,338	1,680	584	..	..	64,803	
Non-Metal (excluding Fuel) Mining—										
Clays(c)	1,098	993	107	283	157	49	..	..	2,687	
Gypsum	199	80	..	457	30	..	..	..	766	
Limestone	1,246	594	(b)	756	(b)	212	(d)	..	3,609	
Salt(b)	..	(b)	(b)	775	(b)	..	11	..	999	
Other Non-Metal (excluding Fuel) Mining	765	(b)	(b)	1,110	1,487	5	1	..	3,433	
Total Non-Metal (excluding Fuel) Mining	3,358	1,794	866	3,381	1,817	266	12	..	11,494	
Total All Mining	69,405	10,366	31,081	9,899	21,289	7,359	2,987	..	152,386	
Construction Material Quarrying(e)	8,766	9,561	1,139	6,013	1,207	600	(e)	3,799	(f)	27,765
Total All Mining and Quarrying	78,171	20,027	32,220	15,912	22,496	7,959	(e)	3,366	(f)	180,151

(a) See definition on page 2. (b) Not available for publication. (c) Incomplete; see Introductory Notes on page 1. (d) Less than £500. (e) Includes Australian Capital Territory. (f) Not available for publication; included with Northern Territory.

No. 42.—Mining and Quarrying: Value of Output(a), Australia

NOTE.—All mines and quarries

(£'000)

Industry	1957	1958	1959	1960	1961
Metal Mining—					
Gold Mining	16,083	16,301	15,918	15,952	15,952
Silver-Lead-Zinc Mining	39,473	33,414	40,294	45,437	35,633
Copper-Gold Mining	5,652	6,704	7,546	8,411	8,051
Tin Mining	1,762	1,788	2,175	2,119	2,940
Mineral Sands Mining	9,792	5,340	5,132	4,984	5,165
Other Metal Mining	7,992	6,643	6,457	6,900	8,348
Total Metal Mining	80,754	70,190	77,522	83,823	76,089
Fuel Mining—					
Black Coal Mining	52,279	51,658	49,211	55,201	57,081
Brown Coal Mining	5,228	5,418	6,123	6,845	7,722
Total Fuel Mining	57,507	57,076	55,334	62,046	64,803
Non-Metal (excluding Fuel) Mining—					
Clay(b)	2,090	2,629	2,878	2,921	2,687
Gypsum	615	656	640	710	766
Limestone	3,301	3,673	3,145	3,156	3,609
Salt(b)	735	878	1,023	959	999
Other Non-Metal (excluding Fuel) Mining	2,276	2,324	2,869	2,918	3,433
Total Non-Metal (excluding Fuel) Mining	9,017	10,160	10,555	10,866	11,494
Total All Mining	147,278	137,426	143,411	156,735	152,386
Construction Material Quarrying(b)	17,833	18,529	21,574	24,505	(c) 27,765
Total All Mining and Quarrying	165,111	155,955	164,985	181,240	(c) 180,151

(a) See definition on page 2. (b) Incomplete; see Introductory Notes on page 1. (c) Not strictly comparable with previous years; see Introductory Notes on page 1.

No. 43.—Mining and Quarrying: Value of Production, 1961

Note.—All mines and quarries

(£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Metal Mining—									
Gold Mining	11	304	(b)	(b)	9,662	(b)	808	—	10,973
Silver-Lead-Zinc Mining	12,337	9	(b)	9	(b)	1	—	—	25,330
Copper-Gold Mining	(c) — 89	1	(b)	—	237	(b)	1,698	—	4,548
Tin Mining	148	—	(b)	—	151	(b)	1	—	2,319
Mineral Sands Mining	2,028	—	(b)	—	(b)	—	—	—	3,368
Other Metal Mining	82	18	(b)	(b)	1,701	(b)	(d)	12	(e) 7,090
Total Metal Mining	14,517	331	15,403	(b)	(b)	4,104	2,520	—	53,648
Fuel Mining—									
Black Coal Mining	34,784	241	6,704	(b)	(b)	464	—	—	44,672
Brown Coal Mining	—	7,100	—	—	—	—	—	—	7,100
Total Fuel Mining	34,784	7,341	6,704	(b)	(b)	464	—	—	51,772
Non-Metal (excluding Fuel) Mining—									
Clay(F)	885	916	(d)	107	251	110	42	—	(e) 2,331
Gypsum	163	61	(b)	—	(b)	—	—	—	614
Limestone	940	367	(b)	622	(b)	(b)	(g)	—	2,531
Salt(F)	—	(b)	(b)	(b)	(b)	—	(d)	11	(e) 849
Other Non-Metal (excluding Fuel) Mining	629	(b)	(b)	1,063	(b)	(b)	1	—	2,661
Total Non-Metal (excluding Fuel) Mining	3,617	1,491	591	2,948	1,155	172	12	—	8,986
Total All Mining	51,918	9,155	22,698	8,669	14,694	4,740	2,532	—	114,406
Construction Material Quarrying(F)	(d) 8,766	7,324	736	4,834	959	463	(b)	257	(e) 22,879
Total All Mining and Quarrying	60,684	16,479	23,434	13,503	15,553	5,203	(b) 2,789	(f)	137,245

(a) See definition on page 1. (b) Not available for publication. (c) Cost of materials used, &c., exceeds value of output. (d) No allowance has been made for cost of power, fuel, light and other materials and stores used, particulars for which are not available. (e) Refer to footnote (d). (f) Incomplete, see Introductory Notes on page 1. (g) Less than £500. (h) Includes Australian Capital Territory. (i) Not available for publication, included with Northern Territory.

No. 44.—Mining and Quarrying: Value of Production, Australia

Note.—All mines and quarries

(£'000)

Industry	1957	1958	1959	1960	1961
Metal Mining—					
Gold Mining	11,097	11,331	10,849	11,043	10,973
Silver-Lead-Zinc Mining	29,054	23,349	29,927	33,351	25,330
Copper-Gold Mining	3,103	3,715	4,223	5,123	4,548
Tin Mining	1,334	1,663	1,589	2,339	2,319
Mineral Sands Mining	7,815	4,059	3,784	3,422	3,368
Other Metal Mining	6,591	5,639	5,711	5,791	7,090
Total Metal Mining	58,906	49,420	55,977	60,319	53,648
Fuel Mining—					
Black Coal Mining	42,646	41,122	39,045	43,882	44,672
Brown Coal Mining	—	4,591	4,806	6,222	7,100
Total Fuel Mining	42,646	45,928	44,555	50,104	51,772
Non-Metal (excluding Fuel) Mining—					
Clay(b)	1,366	2,185	(c) 2,480	(c) 2,549	(c) 2,331
Gypsum	445	514	569	614	614
Limestone	2,173	2,482	2,176	2,294	2,531
Salt (b)	586	720	831	818	849
Other Non-Metal (excluding Fuel) Mining	1,801	1,711	2,198	2,296	2,661
Total Non-Metal (excluding Fuel) Mining	6,371	7,771	8,196	8,526	8,986
Total All Mining	112,416	103,119	108,748	118,949	114,406
Construction Material Quarrying(b)	14,186	15,217	17,407	20,078	22,879
Total All Mining and Quarrying	126,602	118,336	126,155	139,027	137,245

(a) See definition on page 2. (b) Incomplete, see Introductory Notes on page 1. (c) No allowance has been made in some States for cost of power, fuel, light and other materials and stores used, particulars of which are not available. For 1961 the States concerned are indicated by footnote (d) in Table 4. (d) Not strictly comparable with previous years, see Introductory Notes on page 1.

No. 45.—Mining and Quarrying: Value of Output

(£'000)

Year	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania (a)	Northern Territory	Australian Capital Territory	Australia
1936	9,660	2,147	2,818	2,621	7,992	1,661	—	—	26,839
1937	12,014	2,315	3,545	2,622	9,401	2,127	—	—	32,224
1938	11,702	2,378	3,239	3,152	11,082	1,954	—	—	33,507
1939	12,914	2,789	3,418	3,648	12,496	2,145	—	—	37,400
1940	12,297	3,184	4,208	3,579	13,312	2,812	—	—	39,372
1941	14,766	2,856	4,268	3,537	12,402	2,706	—	—	40,535
1942	15,481	2,419	4,222	3,171	9,475	2,540	—	—	37,308
1943	15,929	2,060	3,534	3,144	6,390	2,420	—	—	33,477
1944	16,664	2,038	3,490	3,043	5,716	2,257	(b)	(b)	32,548
1945	16,046	2,345	3,571	2,458	5,853	1,984	—	—	32,257
1946	19,807	2,815	3,844	3,051	7,645	2,856	—	—	40,018
1947	26,187	3,097	5,539	3,637	8,798	4,218	—	—	51,466
1948	32,870	3,452	5,243	3,757	8,681	4,369	—	—	58,372
1949	35,295	4,215	7,096	3,118	9,799	4,629	—	—	64,152
1950	46,102	5,274	10,829	4,428	12,037	7,049	—	—	85,719
1951	67,877	6,949	10,922	4,938	13,474	10,552	—	—	114,712
1952	77,097	8,535	17,429	6,047	17,704	8,750	1,282	—	136,844
1953	72,146	9,329	17,284	6,201	20,011	8,037	1,221	111	134,542
1954	78,202	10,080	21,602	8,580	20,736	8,955	1,145	103	149,403
1955	84,244	10,917	26,892	10,512	19,746	10,744	1,691	125	164,871
1956	88,790	11,891	30,204	11,910	20,230	10,555	2,594	146	176,320
1957	93,170	12,728	25,576	11,872	20,979	8,421	2,195	170	165,111
1958	114,414	13,694	27,632	12,308	20,777	7,358	2,564	208	155,955
1959	71,060	14,935	33,329	13,209	21,787	7,639	2,727	269	164,985
1960	79,641	16,267	37,608	13,952	22,166	8,067	(c) 3,539	(d)	181,240
1961	78,171	(e) 26,027	32,220	15,912	22,496	7,959	(c) 3,366	(d)	(e) 180,151

(a) Excludes quarrying in 1951 and earlier years. (b) Not available. (c) Includes Australian Capital Territory. (d) Not available for publication, included with Northern Territory. (e) Not strictly comparable with previous years, see Introductory Notes on page 1.

No. 46.—Mining and Quarrying: Value of Production

(£'000)

Year	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania (a)	Northern Territory	Australian Capital Territory	Australia
1936	8,150	1,594	2,408	2,437	5,803	1,661	—	—	22,253
1937	10,416	1,726	3,043	2,470	7,171	2,127	—	—	27,153
1938	9,948	1,743	2,492	2,954	8,285	1,953	—	—	27,375
1939	10,927	2,111	2,688	3,444	9,268	2,145	—	—	30,583
1940	10,233	2,510	3,358	3,329	10,123	2,812	—	—	32,365
1941	12,403	2,213	3,368	3,297	9,422	2,706	—	—	33,409
1942	12,897	1,884	3,352	2,949	7,144	2,540	—	—	30,766
1943	13,118	1,544	2,804	2,975	4,711	2,420	—	—	27,612
1944	13,117	1,548	2,770	2,915	4,185	2,257	(b)	(b)	26,832
1945	13,116	1,735	2,831	2,378	4,212	1,984	—	—	26,256
1946	16,506	2,054	3,444	2,969	5,057	2,856	—	—	32,466
1947	22,285	2,297	4,374	3,519	5,843	4,218	—	—	42,581
1948	28,198	2,173	4,143	3,597	5,873	4,369	—	—	48,353
1949	30,191	2,263	5,606	2,941	6,697	4,629	—	—	52,327
1950	39,634	2,969	8,559	4,188	8,751	7,049	—	—	71,150
1951	59,385	4,209	8,632	4,646	9,775	10,552	—	—	97,199
1952	63,166	6,632	13,860	5,153	12,410	7,325	1,125	—	109,671
1953	58,042	7,277	12,966	5,051	13,998	6,992	1,117	92	104,875
1954	61,965	8,146	15,934	7,101	14,776	7,057	1,028	80	118,087
1955	69,262	8,869	21,732	8,452	14,141	8,612	1,377	63	132,510
1956	72,055	9,457	24,148	9,487	14,390	8,298	2,084	105	139,982
1957	66,691	9,944	18,810	9,320	14,899	5,807	1,741	110	126,802
1958	55,801	10,987	19,796	9,999	14,424	5,168	1,997	134	118,316
1959	56,331	12,101	24,481	10,669	14,765	5,398	2,202	179	126,155
1960	63,214	13,158	27,460	11,404	15,444	5,436	(c) 2,871	(d)	139,027
1961	60,684	(e) 16,479	23,434	13,103	15,553	5,203	(c) 2,789	(d)	(e) 137,245

(a) Value of Output (including quarrying) for 1951 and earlier years; Value of Production not available. (b) Not available. (c) Includes Australian Capital Territory. (d) Not available for publication, included with Northern Territory. (e) Not strictly comparable with previous years, see Introductory Notes on page 1.

No. 47.—Mining and Quarrying: Salaries and Wages Paid, Value of Power, Fuel, Light, Materials Used and Value of Output and Production, Australia, 1961
(£'000)

Industry	Salaries and Wages Paid (a)	Power, Fuel and Light (b)	Other Materials (c)	Total Power, Fuel, Light, Materials (d)	Value of Output (e)	Value of Production (f)
Metal Mining—						
Gold Mining	6,591	1,802	3,174	4,979	15,952	16,973
Silver-Lead-Zinc Mining	13,361	2,212	8,071	10,303	35,633	25,330
Copper-Gold Mining	2,015	537	2,951	3,503	8,051	4,548
Tin Mining	946	191	403	601	2,940	2,339
Mineral Sands Mining	1,474	531	1,266	1,797	5,165	1,368
Other Metal Mining	1,277	363	946	1,258	8,348	7,090
Total Metal Mining	26,464	5,596	16,811	22,441	76,089	53,648
Fuel Mining—						
Black Coal Mining	25,460	2,617	9,791	12,409	57,081	44,672
Brown Coal Mining	1,923	268	354	622	7,722	7,100
Total Fuel Mining	27,383	2,885	10,145	13,031	64,803	51,772
Non-Metal (excluding Fuel) Mining—						
Clay (g)	481	75	247	356	2,687	2,331
Gypsum	165	33	91	152	766	614
Limestone	1,166	214	843	1,078	3,609	2,531
Salt (h)	153	35	89	150	999	849
Other Non-Metal (excluding Fuel) Mining	910	219	537	772	3,433	2,661
Total Non-Metal (excluding Fuel) Mining	2,875	576	1,807	2,508	11,494	8,986
Total All Mining	56,722	9,057	28,763	37,980	152,386	114,406
Construction Material Quarrying (i)	4,018	846	3,758	4,926	27,765	22,839
Total All Mining and Quarrying	60,740	9,903	32,521	42,906	180,151	137,245

(a) See definition on page 2. (b) Excludes mines and quarries employing less than four persons. (c) Includes value of explosives added to employees. (d) Includes mines and quarries employing less than four persons; for this reason the figures may exceed the total of the two preceding columns. (e) All mines and quarries, including those employing less than four persons. (f) See footnote (e) to Table No. 43. (g) Incomplete; see Introductory Notes on page 1.

No. 48.—Mining and Quarrying: Value of Additions and Replacements to Fixed Assets, 1961

NOTE.—Excludes mines and quarries employing less than four persons

(£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ADDITIONS AND REPLACEMENTS TO LAND AND BUILDINGS									
Metal Mining	90	2	177	(a)	(a)	99	8	—	743
Fuel Mining	633	223	75	(a)	(a)	(b)	—	—	1,192
Non-Metal (excluding Fuel) Mining (c)	41	108	1	(a)	(a)	(b)	—	—	177
Construction Material Quarrying (c)	(d)	377	(d)	8	(b)	17	(e)	2	404
Total All Mining and Quarrying	764	710	253	284	379	116	(e)	10	2,516
ADDITIONS AND REPLACEMENTS TO PLANT AND MACHINERY									
Metal Mining	1,121	12	1,626	(a)	(a)	671	97	—	4,622
Fuel Mining	6,738	2,026	1,211	(a)	(a)	39	—	—	10,964
Non-Metal (excluding Fuel) Mining (c)	418	99	41	326	121	6	—	—	1,011
Construction Material Quarrying (c)	(d)	1,325	(d)	413	21	84	(e)	32	1,875
Total All Mining and Quarrying	8,277	3,462	2,878	1,653	1,273	800	(e)	129	18,472
ADDITIONS AND REPLACEMENTS TO MINE DEVELOPMENT									
Metal Mining	410	21	781	(a)	(a)	129	69	—	1,810
Fuel Mining	1,475	487	53	(a)	(a)	(b)	—	—	2,102
Non-Metal (excluding Fuel) Mining (c)	(d)	8	(b)	(a)	(a)	—	—	—	86
Construction Material Quarrying (c)	(d)	(d)	(d)	2	—	—	—	—	2
Total All Mining and Quarrying	1,887	516	834	15	550	129	69	—	4,000
ADDITIONS AND REPLACEMENTS TO TOTAL FIXED ASSETS									
Metal Mining	1,621	35	2,584	(a)	(a)	899	174	—	7,175
Fuel Mining	8,846	2,736	1,339	(a)	(a)	39	—	—	14,258
Non-Metal (excluding Fuel) Mining (c)	461	215	42	345	205	6	—	—	1,274
Construction Material Quarrying (c)	(d)	1,702	(d)	423	21	101	(e)	34	2,281
Total All Mining and Quarrying	10,928	4,688	3,965	1,952	2,202	1,045	(e)	208	24,988

(a) Not available for publication. (b) Less than £500. (c) Incomplete; see Introductory Notes on page 1. (d) Not available. (e) Includes Australian Capital Territory. (f) Not available for publication; included with Northern Territory.

No. 49.—Mining and Quarrying: Value of Additions and Replacements to Total Fixed Assets, 1961

NOTE.—Excludes mines and quarries employing less than four persons

(£'000)

Industry	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Metal Mining—									
Gold Mining	1	(a)	(a)	—	614	—	88	—	778
Silver-Lead-Zinc Mining	1,030	(a)	(a)	—	2	(a)	—	—	3,425
Copper-Gold Mining	42	2	(a)	—	18	(a)	81	—	845
Tin Mining	1	(a)	(a)	—	40	(a)	5	—	261
Mineral Sands Mining	545	(a)	(a)	(a)	940	(a)	—	—	728
Other Metal Mining	(b)	(a)	(a)	(a)	—	—	—	—	1,138
Total Metal Mining	1,621	35	2,584	(a)	(a)	899	174	—	7,175
Fuel Mining—									
Black Coal Mining	8,846	13	1,339	(a)	(a)	39	—	—	11,535
Brown Coal Mining	—	2,723	—	—	—	—	—	—	2,723
Total Fuel Mining	8,846	2,736	1,339	(a)	(a)	39	—	—	14,258
Non-Metal (excluding Fuel) Mining—									
Clay (c)	(d)	32	—	6	(a)	(a)	—	—	38
Gypsum	1	(b)	—	(a)	(a)	(a)	—	—	92
Limestone	424	183	(a)	85	(a)	(a)	—	—	782
Salt (e)	(d)	(d)	(a)	(a)	(a)	(a)	—	—	94
Other Non-Metal (excluding Fuel) Mining	36	—	(a)	82	(a)	—	—	—	268
Total Non-Metal (excluding Fuel) Mining	461	215	42	345	205	6	—	—	1,274
Total All Mining	10,928	2,986	3,965	1,529	2,181	944	174	—	22,707
Construction Material Quarrying (c)	(d)	1,702	(d)	423	21	101	(e)	34	2,281
Total All Mining and Quarrying	10,928	4,688	3,965	1,952	2,202	1,045	(e)	208	24,988

(a) Not available for publication. (b) Less than £500. (c) Incomplete; see Introductory Notes on page 1. (d) Not available. (e) Includes Australian Capital Territory. (f) Not available for publication; included with Northern Territory.

No. 50.—Mining and Quarrying: Value of Additions and Replacements to Total Fixed Assets, Australia

NOTE.—Excludes mines and quarries employing less than four persons

(£'000)

Industry	1957	1958	1959	1960	1961
Metal Mining—					
Gold Mining	1,385	1,334	1,446	789	778
Silver-Lead-Zinc Mining	5,641	3,692	6,566	3,548	3,425
Copper-Gold Mining	926	540	651	431	845
Tin Mining	117	75	66	185	261
Mineral Sands Mining	2,155	894	787	481	728
Other Metal Mining	510	624	713	1,369	1,138
Total Metal Mining	10,734	7,159	10,229	6,823	7,175
Fuel Mining—					
Black Coal Mining	9,229	7,912	7,707	10,947	11,535
Brown Coal Mining	2,706	2,309	3,654	1,914	2,723
Total Fuel Mining	11,935	10,221	11,361	12,861	14,258
Non-Metal (excluding Fuel) Mining—					
Clay (a)	53	55	46	57	38
Gypsum	129	82	99	41	92
Limestone	469	439	849	863	782
Salt (a)	398	235	140	59	94
Other Non-Metal (excluding Fuel) Mining	526	472	320	168	268
Total Non-Metal (excluding Fuel) Mining	1,575	1,283	1,454	588	1,274
Total All Mining	24,244	18,663	23,044	20,272	22,707
Construction Material Quarrying (a)	874	825	1,408	1,624	2,281
Total All Mining and Quarrying	25,118	19,488	24,452	21,896	24,988

(a) Incomplete; see Introductory Notes on page 1.

No. 51.—Mining Accidents by Industry(a), 1961

Note.—Owing to the different bases of recording mining accidents in the various States of Australia, the figures in this table are not strictly comparable between States.

Industry	New South Wales		Victoria		Queensland		South Australia		Western Australia		Tasmania		Northern Territory		Australia	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Metal Mining—																
Gold Mining					3				4	318			1	4	8	322
Silver-Lead-Zinc Mining	3	266				70						23			4	359
Copper-Gold Mining						76				36		5	1	25	1	142
Tin Mining						3						31				34
Mineral Sands Mining		16				4										22
Other Metal Mining		2					1	8		23					1	33
Total	3	284			3	153	1	8	4	379	1	59	2	29	14	912
Fuel Mining—																
Black Coal Mining	8	67		8	2	208		3	1	68		14			11	368
Brown Coal Mining			1	91												91
Total	8	67	1	99	2	208		3	1	68		14			12	459
Non-Metal (excluding Fuel) Mining	1	9	2			1	9		2			1			2	23
Total All Mining(a)	12	360	1	101	5	361	2	20	5	449	1	74	2	29	28	1,394

(a) Excludes Construction Material Quarrying, particulars of which are not available.

No. 52.—Mining Accidents by Industry(a), Australia

Industry	1957		1958		1959		1960		1961	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Metal Mining—										
Gold Mining	11	404	10	397	4	410	8	409	8	322
Silver-Lead-Zinc Mining	10	397	8	431	8	452	3	329	4	359
Copper-Gold Mining		90	2	103		65	3	107	1	142
Tin Mining	1	21	2	25	2	28	1	27		34
Mineral Sands Mining		54		35		27		23		22
Other Metal Mining		17		24		29		21		33
Total	22	983	24	1,015	14	1,011	16	916	14	912
Fuel Mining—										
Black Coal Mining	16	445	13	440	13	453	16	463	11	368
Brown Coal Mining		43		51		60		74		91
Total	16	488	13	491	13	513	16	537	12	459
Non-Metal (excluding Fuel) Mining	2	37	1	39	2	34	4	24	2	23
Total All Mining(a)	40	1,508	38	1,545	29	1,558	36	1,477	28	1,394

(a) Excludes Construction Material Quarrying, particulars of which are not available.

No. 53.—Imports of Principal Minerals and Mineral Products: Australia

Commodity	Unit of Quantity	1960		1961		1962	
		Quantity	Value (£'000)	Quantity	Value (£'000)	Quantity	Value (£'000)
METALLIC GROUP							
Aluminium and Aluminium-Base Alloys—							
Ore (Bauxite)	ton	96,200	297	51,799	171	69,904	270
Ingots (Refined)	"	26,432	6,448	16,141	3,883	31,389	7,441
Rods and Bars	"	80	44	147	56	214	103
Plates, Sheets and Strips	"	5,770	2,412	1,951	802	2,163	929
Angles, Circles, Pipes and Tubes	"	409	215	182	117	676	371
Foil	"	1,909	2,560	2,002	1,343	2,101	1,424
Powder	"	678	221	396	118	250	60
Wire, Single Strand, Uncovered	"	118	109	50	41	23	22
Scrap (including Re-melt)	"	231	50	282	49	1,074	173
Antimony—							
Ore and Concentrate	ton	363	12	22	2	24	3
Metal (including Antimonial and Lead Compounds)	"	201	36	180	37	308	59
Arsenic Trioxide	"	2,779	88	1,439	47	1,806	57
Rosinuth Metal	lb.	34,378	34	36,660	38	24,461	26
Chromium Ore and Concentrate	ton	21,259	269	17,049	209	8,538	94
Copper—							
Pigs, Ingots and Blocks (Refined)	ton	4,750	1,566	3,761	1,130	5,268	1,599
Bars, Rods, Angles and Tees	"	508	180	2,276	678	1,346	415
Plates, Sheets and Strips	"	1,911	828	646	252	922	361
Pipes and Tubes	"	26	21	67	59	105	86
Wire, Single Strand, Uncovered	"	15	14	40	32	10	8
Powder	"	161	68	63	34	139	68
Scrap (including Re-melt)	"	97	19	24	3	31	5
Copper-Base Alloys—							
Pigs, Ingots and Blocks	ton	18	8	30	14	43	16
Rolled, Drawn and Extruded Shapes	"	1,049	477	850	364	1,048	447
Wire, Single Strand, Uncovered	"	152	86	93	60	96	70
Scrap	"	113	14	91	11	87	12
Gold—							
Refined Forms (excluding Specie, Leaf and Foil)	fine oz.	4	(a)	1	(a)	6	(a)
Unrefined Bullion	"	144,029	2,238	146,278	2,283	132,957	2,074
Iron and Steel—							
Iron Ore	ton	278,502	319	270,422	321	260,431	291
Ferro-Alloys (excluding Powder)—							
Ferro-Chromium	ton	5,714	923	4,133	727	1,974	157
Ferro-Manganese	"	30,340	1,719	40,276	2,134	8,723	543
Ferro-Molybdenum	"	219	257	283	187	63	88
Ferro-Silicon	"	3,905	258	9,677	810	3,798	274
Other	"	1,434	234	1,590	177	1,660	234
Tinplate	"	63,741	6,039	38,355	3,661	31,102	2,818
Manganese—							
Metallurgical Ore	ton	51	1	250	5	36,416	252
Battery Grade Ore	"	177	11	2,379	144	157	23
Metal and Powder	"	12	10	116	12	197	49
Mercury	lb.	149,532	173	120,139	127	86,829	94
Nickel—							
Pigs, Ingots and Blocks	ton	1,518	1,136	368	282	354	266
Rolled, Drawn and Extruded Shapes	"	14	18	23	33	52	53
Nickel-Base Alloys—							
Rolled, Drawn and Extruded Shapes (excluding Wire)	ton	362	337	238	237	207	211
Wire, Single Strand, Uncovered	"	100	170	101	155	86	146
Platinum and Platinum Group Metals—							
Platinum (excluding Wire)	oz.	1,433	46	1,483	48	2,737	56
Other (excluding Wire)	"	1,017	21	821	11	20	32
Wire	"	2,047	75	1,281	46	674	32
Wire	"	69	28	70	28	71	32
Silver, Unrefined Bullion	'000 fine oz.	1,708	1,685	778	836	1,778	1,093
Tin, Refined	ton	5,054	971	5,139	1,017	5,947	1,144
Titanium Oxide	"						

(a) Less than £500.

No. 53.—Imports of Principal Minerals and Mineral Products: Australia—continued

Commodity	Unit of Quantity	1960		1961		1962	
		Quantity	Value (£'000)	Quantity	Value (£'000)	Quantity	Value (£'000)
FUEL GROUP							
Coal (including Petroleum Coke)	ton	5,156	39	7,988	50	6,946	51
Petroleum Oils—		11,639	165			10,396	139
Crude	'000 gals.	2,705,989	67,743	2,833,256	66,630	2,977,610	66,675
Enriched Crude	"	237,336	6,923	404,863	11,831	411,683	11,666
Gasoline and Solvents	"	238,208	13,247	191,728	10,353	233,942	13,087
Kerosene	"	102,965	5,368	111,199	5,688	104,856	5,488
Automotive Distillate	"	12,473	612	26,746	1,219	34,866	1,671
Residuals and Heavy Distillates	"	12,085	457	12,076	452	22,662	863
Lubricating Oil	"	49,837	6,809	55,866	7,337	52,300	7,220
NON-METALLIC (EXCLUDING FUEL) GROUP							
Asbestos—							
Chrysotile	short ton	28,832	1,895	27,210	1,797	29,707	1,955
Crocidolite	"	74	6	84	5	19	2
Amosite	"	10,138	533	8,705	462	7,079	378
Other	"	1,958	74	902	46	2,300	102
Calcium Carbide	ton	21,340	813	16,791	735	13,998	514
Cement, Portland	"	14,861	172	16,998	193	20,661	219
Clays—							
Ball Clay	ton	653	7	650	8	2,503	26
Bentonite	"	7,270	128	6,895	120	9,205	179
Fireclay	"	1,048	35	293	12	1,467	24
White Clay	"	9,093	100	14,890	131	12,189	114
Clays, not elsewhere specified	"	6,434	106	5,594	115	6,221	151
Cryolite	"	1,123	95	1,141	93	3,678	312
Diamonds, Industrial	carat	372,668	658	314,844	515	262,118	491
Diatomite	ton	4,150	123	4,071	124	4,191	136
Fluorspar (Fluorite)	"	2,186	32	2,482	40	4,352	60
Graphite—							
Colloidal	ton	92	24	129	20	89	17
Flake	"	209	13	187	10	203	10
Crystalline	"	112	8	67	5	33	3
Amorphous	"	511	30	352	24	725	43
Kyanite	"	546	16	1,045	23	9	(a)
Magnetite	"	13,946	287	15,711	428	6,856	251
Mica—							
Block or Sheet, Trimmed	lb.	43,455	46	21,437	23	30,038	35
Cut or Stamped	"	2,589	2	3,817	4	3,343	5
Condenser Film (not Cut or Stamped)	"	748	1	1,223	1		
Spittings (not Cut or Stamped)	"	229,775	33	226,970	29	128,255	19
Ground or Pulverized	"	341,042	14	282,348	9	490,512	19
Scrap	"	802,120	30	302,400	3	780,170	19
Phosphate Rock	'000 tons	1,491	4,075	1,766	4,768	1,721	4,484
Potassium Chloride (Fertilizer Grade)	ton	41,541	509	51,881	825	41,955	680
Potassium Sulphate (Fertilizer Grade)	"	5,785	107	7,523	153	8,861	199
Salt—							
Rock	ton	5	(a)				
Other	"	19,463	118	11,822	125	7,737	71
Sodium Nitrate (Fertilizer Grade)	"	5,818	115	7,217	172	4,438	79
Silimanite	"	259	7	191	6	190	7
Sulphur	"	221,778	2,285	182,052	1,920	229,195	2,389
Talc	"	496	13	1,465	22	2,122	36

(a) Less than £500.

No. 54.—Exports of Principal Minerals and Mineral Products: Australia
NOTE.—Includes re-exports of overseas produce

Commodity	Unit of Quantity	1960		1961		1962	
		Quantity	Value (£'000)	Quantity	Value (£'000)	Quantity	Value (£'000)
METALLIC GROUP							
Aluminium and Aluminium-Base Alloys—							
Ingot (Refined)	ton	20	6	7	3	40	14
Ore (Bauxite)	"	29,778	70	30,489	76	6,470	10
Rolls, Drawn and Extruded Shapes (excluding Wire)	"	282	112	345	159	248	144
Scrap (including Re-melt)	"	659	92	564	82	355	43
Beryllium Ore and Concentrate	"	148	24	167	25	218	35
Cadmium—							
Ingot and Blocks	ton	7	10	36	35	100	142
Bars and Rods	"	53	84	120	166	94	150
Copper—							
Ore and Concentrate	ton	137,897	8,721	107,214	6,470	78,983	4,984
Blister	"	502	162	1,022	395		
Pigs, Ingot and Blocks (Refined)	"	13,577	4,158	23,073	6,698	16,497	4,827
Rolls, Drawn and Extruded Shapes	"	2,051	849	2,029	769	3,270	1,188
Wire, Single Strand, Uncovered	"	302	553	127	533	838	272
Scrap (including Re-melt)	"	329	74	834	209	528	98
Slags and Residues	"	139	13	671	32	196	30
Copper-Base Alloys—							
Pigs, Ingot and Blocks	ton	45	12	77	20	208	49
Rolls, Drawn and Extruded Shapes	"	977	341	2,063	648	1,572	367
Wire, Single Strand, Uncovered	"	4	2	61	18	107	31
Scrap	"	4,866	808	12,066	2,442	6,305	1,155
Copper-Lead Dross and Speiss	"	5,333	484	3,286	268	4,686	450
Gold—							
Refined Forms (excluding Specie, Leaf and Foil)	fine oz.	2,513,583	39,275	1,099,701	17,265	314,996	4,932
In Matte	"	323	5				
Ilmenite Concentrate	ton	75,319	303	144,009	626	155,075	684
Iron and Steel—							
Iron Ore	ton	10	(a)	43	(a)	107	1
Pig Iron	"	99,847	2,199	296,050	6,588	157,502	3,514
Ingot, Blooms and Slabs	"	9,619	380	86,860	3,102	97,930	3,210
Scrap	"	205,747	3,431	223,320	3,937	138,977	1,067
Turnplate	"	8,080	699	16,644	1,338	25,238	2,134
Lead—							
Ore and Concentrate (b)	ton	74,096	4,172	86,268	4,590	109,058	5,596
Lead-Silver Bullion	"	49,453	5,268	46,089	4,476	76,014	6,212
Pig	"	125,265	10,970	145,174	11,382	197,049	13,199
Rolls and Extruded Shapes	"	93	12	130	15	176	17
Antimonial Lead	"	503	49	676	64	1,105	86
Scrap	"	891	54	100	7	54	4
Slags and Residues	"	808	17	1,575	42	12,069	163
Manganese Ore	"	45,639	659	52,283	690	62,956	999
Monazite Concentrate	"	158	5	1,802	33	1,460	60
Nickel and Nickel-Base Alloys	"	104	26	97	33	107	31
Platinum and Platinum Group Metals—							
Ore and Concentrate	lb.	7	4	11	3	3	2
Metal	oz.	578	18	494	14	625	11
Rutile Concentrate	ton	93,706	4,064	99,632	3,707	117,291	3,629
Silver—							
Refined Ingot or Bar	'000 fine oz.	2,770	1,138	1,002	413	342	156
Refined, Other	"	30	12	53	24	4	2
Tantalum and Columbium Ore and Concentrate	ton	16	21	12	36	37	41
Tin—							
Ore and Concentrate	ton	14	14	1	1	2	2
Refined	"	24	12	1	1		
Tin-Base Alloys	"	505	285	940	446	450	187
Tungsten—							
Scheelite Ore and Concentrate	ton	913	616	1,046	573	711	289
Wolfram Ore and Concentrate	"	321,430	5,395	276,109	5,056	255,209	4,072
Zinc—							
Ore and Concentrate	ton	27,443	3,066	46,472	4,482	91,215	7,459
Refinery Type Shapes	"	43	5	1	1	18	2
Plates and Sheets	"	1,105	232	219	1,411	728	118
Circles and Strips	"	6,443	291	7,782	279	5,006	176
Slabs and Residues	"	1,183	33	554	34	151	2
Scrap	"	104,630	1,335	140,333	1,723	131,843	1,645
Zircon Concentrate	"						
FUEL GROUP							
Coal	ton	1,577,140	6,483	2,850,307	11,505	2,909,169	11,694
Coke	"	94,550	578	98,485	488	100,270	488
Petroleum Oils—							
Gasolines and Solvents	'000 gals.	37,312	2,586	63,233	3,639	12,075	2,046
Kerosene	"	17,182	1,184	43,484	2,441	20,711	1,255
Automotive Distillate	"	179,490	10,232	140,331	6,855	165,222	8,264
Residuals and Heavy Distillates	"	175,330	7,346	238,318	8,096	350,662	10,376
Lubricating Oil	"	1,659	553	1,576	575	1,556	569

(a) Less than £500. (b) Includes lead-copper concentrate.

(NOTE.—Schedules used in all States are substantially uniform and the Victorian Schedule below may be taken as representative of those used in other States, the Northern Territory and the Australian Capital Territory.)

VICTORIA

VICTORIAN DEPARTMENT OF MINES

This return is required under the authority of the Mines Act, 1958, and must be completed and returned to the SECRETARY, DEPARTMENT OF MINES, TREASURY GARDENS, MELBOURNE, C.2, on or before 1st March, 1962. A return is required even though operations are solely of a developmental nature. If no work was done during the year, a "NIL" return must be forwarded.

Name of Ore, Concentrate or Mineral.....

Type of Mine (Strike out whichever does not apply) { Underground Mining.
Surface Mining (including Dredging and Sluicing).

Owner or Lessee—Name

Postal Address.....

Name of Mine	Locality

PART A.—PERSONS EMPLOYED AND PERIOD WORKED

(See Instruction 3.)

PART C.—SALARIES AND WAGES PAID

(See Instruction 5.)

(See Instruction 3.)				(See Instruction 3.)	
		Above Ground.		Below Ground.	
		Males.	Females.	Males.	
(i) Persons employed on last full working day in 1961—					
Working Proprietors					
Salaried Persons					
Wage Earners					
TOTAL					

		To Males.	To Females.
		£	£
Total amount paid in 1961 (excluding drawings by working proprietors)—			
Salaries			
Wages*			
TOTAL			

* Before deducting £ for expenses sold to own employees.

(ii) Average number of persons employed (including working proprietors) during the period worked

	No.
(iii) Period worked by mine in 1961	Weeks

(iv) Date of last full working day in 196

PART B.—FIXED ASSETS.

(See Instruction 4.)

	Land and Buildings	Plant and Machinery	Mine Development	(i) Coal (ii) Coke (iii) Wood (iv) Fuel and Diesel Oil, Petrol, Kerosene, &c. (v) Electricity (Purchased) (vi) Other (State type)	tons tons tons
	£	£	£		£
(i) If owned—					
Additions and replacements made in 1961—					
New					
Second-hand					
Disposals of fixed assets (sales and transfers) in 1961					
Depreciation allowed in 1961					
(ii) If rented—					
Rent paid (excluding Royalties) in 1961					
				Other Materials and Stores used in 1961—	
				(i) Timber used in mining operations	
				(ii) Explosives (i.e., net cost after deducting sales to employees, as shown in Part C)	
				(iii) Repairs, &c. (not shown in Part B)	
				(iv) Other materials and stores, including water and lubricating oil	
				TOTAL	

PART E.—VALUE OF OUTPUT.

(See Instruction 10.)

Kind of Mineral.	Form in which Metallic Minerals are Designated (e.g., bullion, concentrate, ore, precipitate, &c.).	Tons Produced. (If not expressed in tons, please show unit of quantity).	Value of Mineral at Point of Sale. (Exclude subsidies, bounties and amounts paid to other firms for refining, crushing, &c.).	Transport Costs from Mine to Point of Sale.	Value at Mine 6 (= Col. 4 (ex- Colt. 5).
1.	2.	3.	4.	5.	
			£	£	£
			£	£	£
			£	£	£
			£	£	£
			£	£	£
			£	£	£
			£	£	£
			£	£	£
TOTAL VALUES			£	£	£

To the best of my knowledge, the particulars which have been entered in this form are correct and no blank spaces have been left where figures should have been inserted.

**See Instructions
on Back of Form**

Signature of Proprietor or Manager

(Date) 1962

No. 55.—Principal Metallic Contents Estimated from Assay of Specified Ores and Concentrates, &c., Exported: Australia

Ores and Concentrates, &c.		Quantity Exported ton	Metallic Contents—(Estimated from Assays)						
			Copper	Gold	Lead	Silver	Tin	Tungstic Oxide	Zinc
			ton	fine oz.	ton	fine oz.	ton	ton	ton
1961									
Copper—									
Ore, Concentrate and Precipitate	107,234	26,343	16,923		395,458	1			
Copper Lead Dross and Spiss	3,286	495		2,286	180,785				
Other Slags and Residues	671	150							
Blister	1,822	1,014	3,415		7,280				
Lead—									
Ore and Concentrate(s)	86,268	955	19,489	56,764	2,197,118	33		6,591	
Slags and Residues	1,575	22	699	8	2,168			83	
Lead-Silver Bullion	44,609			45,767	3,593,740	144			
Tin Ore and Concentrate	197								
Tungsten—									
Scheelite Ore and Concentrate	940						701		
Wolfram Ore and Concentrate	1,946						761		
Zinc—									
Ore and Concentrate	276,109			2,064	83,655			143,437	
Slags and Residues	7,782	44						5,170	
Total Metallic Contents		29,026	39,835	107,580	6,460,404	178	1,462	155,288	

1962									
Copper—									
Ore, Concentrate and Precipitate	78,983	19,375	19,708		193,573				
Copper-Lead Dross and Spew	4,686	157		3,162	199,332	7			
Other Slags and Residues	196	127		3		3			
Lead—									
Ore and Concentrate(b)	109,658	1,140	24,477	74,586	2,632,866				7,209
Slags and Residues	12,969		431	4,236	14,136	14			93
Lead-Silver Bullion	76,014			75,442	4,865,453				
Tungsten—									
Scheelite Ore and Concentrate	450					3			316
Wollfram Ore and Concentrate	711								516
Zinc—									
Ore and Concentrate	255,209			1,979	60,491				132,577
Slags and Residues	5,006								3,388
Total Metallic Contents		21,828	44,166	160,448	7,969,851	27	832		144,099

(a) Includes some contents which are not pay metals or refiners' prizes and which therefore are not included in production tables. (b) Includes lead copper concentrates.

INSTRUCTIONS TO PERSONS FILLING IN RETURN.

GENERAL.

1. This return is collected under the authority of the Mines Act, 1958. It should be completed and returned direct to the SECRETARY, DEPARTMENT OF MINES, TREASURY BUILDING, MELBOURNE, C.2, as soon as possible after 31st December, 1961, but not later than 1st March, 1962. If completion of the return is unavoidably delayed, an application should be made before the due date for an extension of time.

2. **Scope of Return.**—The return should cover the operations of MINING OR QUARRYING, including underground and surface workshops and crushing and ore dressing carried out AT OR NEAR THE MINE. Operations of company retail establishments (other than canteens at the mine), provision of accommodation for employees and recreational facilities should be excluded. A return is required even though operations are solely of a developmental nature.

EXPLANATION OF ITEMS REQUIRED.

PART A.

3. Persons Employed.—

INCLUDE—

1. Working proprietors and employees engaged in and around the mine on mining and developmental operations, in underground and surface workshops, and in crushing and ore dressing operations.
2. Persons engaged in carting to crushing or dressing works at or near the mine (to screens at coal mines) and in removal of overburden.
3. Salaried staff engaged in the management of the mine.
4. Employees on long service leave, or otherwise temporarily absent.

EXCLUDE—

1. Head Office Staffs.
2. Men on permanent compensation.
3. Persons engaged in transporting materials away from the mine area.

"Above Ground" should include persons whose work is performed mainly on the surface; all workers in open cut mines and in quarries should be shown under the heading "above ground".

"Average number of persons employed" means the average for the period of operation and should be calculated by adding the respective numbers employed during each pay period in the year and dividing the total so obtained by the number of such pay periods.

PART B.

4. **Fixed Assets.**—INCLUDE all expenditure on new structures and additions (including major alterations, capitalized repairs and improvements whether done by contract or by your own workmen, and all plant, machinery and vehicles acquired for use in connexion with the output shown in Part E.

PART C.

5. Salaries and Wages.—

INCLUDE—Amounts paid to employees referred to in Part A of the return (i.e., amounts capitalized as well as amounts charged to working expenses).

EXCLUDE—Drawings by working proprietors.

The amounts stated should be gross amounts (including holiday and sick pay) before any deduction is made for purchase of explosives (to be shown separately in space provided) and for income tax, pensions, &c.

PART D.

6. **General.**—The particulars of cost of Power, Fuel and Materials Used sought in Part D refer to selected items only. The amounts shown should relate only to items charged to working expenses and should exclude items charged to developmental and other jobs which have been capitalized.

7. **Fuel Used.**—Where electricity has been generated at the mine and the costs shown in other parts of the return (e.g. Part C, Salaries and Wages Paid) the space provided for value of electricity should be marked "included elsewhere".

EXCLUDE—Electricity purchased for resale.

8. Repairs, &c.

INCLUDE—

1. Value of tools replaced (not forming part of permanent plant).
2. Materials cost only of repairs to plant and buildings done by own workmen (labour costs being included under wages).
3. Cost of repairs to plant and buildings done by other than own workmen.

EXCLUDE—Amounts shown as replacements in Part B.

9. Other Materials and Stores.—

INCLUDE—Mining and ore dressing materials, stores, water, lubricating oil, containers, and packaging materials.

EXCLUDE—Royalties, insurance, post and telephone expenses, taxation, &c.

PART E.

10. **Value of Output.**—The value shown in column 4 should relate to the ores, concentrates or other minerals produced in 1961, and should be the value of minerals produced during the year (i.e., production as distinct from sales or despatches) including estimated values in respect of any portion of the year's production for which final realizations have not been made at the time of completing the return.

The value should be the "selling value" of the minerals won, after treatment such as crushing and ore dressing carried out AT OR NEAR THE MINE. Where the final processes of reduction of an ore, concentrate, &c., to a metal are carried out on your account by another firm, the realization expenses (charges for smelting and refining, &c.) and transport costs to the refinery should be deducted in arriving at the value shown for minerals in column 4.

Any subsidy or bounty received during the year should be deducted (e.g. amounts received by way of subsidy on gold, bounty on copper or iron pyrites). On the other hand premiums received from the Gold Producers' Association Limited for gold sold on overseas premium markets should be included.

"Producer-Consumers" (e.g., of limestone in the case of a cement manufacturer) should value the output of the mineral on this return, on the basis of production costs of mining and treatment carried out at the mine (e.g., crushing), plus an allowance for business overhead and profit.

FORESTRY

SECTION II.—FORESTRY

Note.—For particulars of the source of the statistics shown in this Section, see page 1.

No. 56.—Forest Areas, 30th June, 1962(a)

(Acres)

Classification	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australian Capital Territory	Total
CROWN LAND								
Exploitable—								
Hardwood	5,229,000	5,952,000	138,306	7,132,420	3,984,263	24,672		
Softwood	44,850	2,112,000	138,463	180,463	16,096	25,582		
Mixed Wood		128,000						
Total	5,273,850	8,192,000	276,769	7,312,883	4,000,359	50,254		
Potentially Exploitable—								
Hardwood	(b) 2,619,050	448,000			779,392	29,800		(b)
Softwood	3,000							
Mixed Wood								
Total	2,622,050	448,000			779,392	29,800		
Other Forest Areas	6,462,000	4,160,000	760,500	2,613,110	944,256	204,010		
Estimated Total Forest Area ..	14,357,900	12,800,000	1,037,269	9,925,993	5,724,007	284,064		

PRIVATE LAND(c)

Exploitable—								
Hardwood	150,000	1,600,000	896,000		1,597,248	640		
Softwood	64,887	320,000	44,556		6,097			
Mixed Wood								
Total	214,887	1,920,000	940,556		1,603,345	640		
Potentially Exploitable—								
Hardwood	(b) 592,000		5,600,000	(d)		1,920		(b)
Softwood			64,000					
Mixed Wood								
Total	592,000		5,664,000			1,920		
Other Forest Areas	1,615,000	3,200,000			516,864	33,606		
Estimated Total Forest Area ..	2,421,887	5,120,000	6,604,556		2,120,209	36,166		

TOTAL

Exploitable—								
Hardwood	4,300,000	5,379,000	7,552,000	1,034,306	7,132,420	5,581,511	25,312	(e)
Softwood		109,737	2,432,000	183,019	180,463	22,193	25,582	
Mixed Wood			128,000					
Total	4,300,000	5,488,737	10,112,000	1,217,325	7,312,883	5,603,704	50,894	34,085,543
Potentially Exploitable—								
Hardwood		3,211,050	448,000	5,600,000		779,392	31,720	
Softwood		3,000		64,000				
Mixed Wood								
Total		6,022,000	448,000	5,664,000		779,392	31,720	16,159,162
Other Forest Areas		8,785,000	8,077,000	7,360,000	760,500	2,613,110	1,461,120	237,616
Estimated Total Forest Area ..		19,107,000	16,779,787	17,920,000	7,641,825	9,925,993	7,844,216	320,230

(a) Not strictly comparable between States owing to differences in definition. (b) Not available separately; included in total forest area.
(c) Includes "Commonwealth" land owned by Local Government Authorities. (d) Not available. (e) Incomplete; excludes private land in Western Australia, details of which are not available. Includes Northern Territory.

No. 57.—Forest Areas : Australia(a)

(Acres)

Classification	At 30th June—				
	1958	1959	1960	1961	1962
Exploitable	36,763,284	36,741,349	37,037,454	34,083,937	34,085,543
Potentially Exploitable	16,600,112	16,600,112	16,600,112	16,170,112	16,159,162
Other Forest Areas	29,135,009	29,706,341	29,876,076	29,957,605	29,953,246
Estimated Total Forest Area ..	82,498,402	83,047,802	83,513,642	80,211,714	80,197,951

(a) Forest areas on private land in Western Australia are excluded.

No. 58.—Forest Reservations and Plantations, 30th June, 1962

(Acres)

Note—These areas are included in those listed in Table No. 56

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Forest Area under Reservation on Crown Land(a)—									
State Forests	6,664,150	4,368,091	5,169,637	276,769	4,347,956	2,154,264			23,480,867
Land Reserved for Timber Supply(b)	1,402,252	860,874	3,033,260	956	2,561,202	137,028	8,620		8,004,192
Other Forested Reserves	1,515,018	368,157	928,000	760,500	321,095	1,207,002	42,272,000	131,000	7,522,772
Total	9,601,420	6,697,122	9,130,897	1,038,225	7,230,253	3,498,294	2,280,620	131,000	39,007,831
Net Area of Plantations(c)—									
Crown Land—									
Softwoods	92,955	43,070	98,731	116,640	14,349	16,996	127	25,582	427,550
Hardwoods	1,180	4,137	3,277	3,462	19,111	664	31		31,862
Private Land—									
Softwoods	13,000	58,399	6,570	37,444	864	8,097	21		122,395
Hardwoods				305					305
Estimated Area of all Plantations	107,135	105,606	108,578	157,851	54,324	22,857	179	25,582	582,112

(a) Not strictly comparable between States owing to differences in definition. (b) Land permanently dedicated to timber production. (c) Includes 464,984 acres of State forests under pulpwood concessions and 266,194 acres of exclusive forest permits on Crown land. (d) Includes 352,000 acres, mainly flora and fauna reserve in Colong Peninsula, 420,000 acres of pastoral leases and 1,100,000 acres of wildlife reserves brought under government control for forestry purposes. (e) Excludes firebreaks and other areas not actually forested.

No. 59.—Forest Reservations and Plantations: Australia

(Acres)

Particulars	At 30th June—				
	1958	1959	1960	1961	1962
Forest Area under Reservation on Crown Land(a)—					
State Forests	22,676,465	22,979,519	23,088,269	23,307,183	23,480,867
Land Reserved for Timber Supply(b)	7,148,382	7,092,046	7,113,388	8,017,486	8,004,192
Other Forested Reserves	3,402,068	3,575,433	3,589,517	5,603,746	(c) 7,522,772
Total	33,226,915	33,646,998	33,791,174	36,928,415	39,007,831
Net Area of Plantations(d)—					
Crown Land—					
Softwoods	372,918	388,163	466,700	413,653	427,550
Hardwoods	29,725	30,325	30,563	31,226	31,862
Private Land—					
Softwoods	89,821	92,436	105,552	118,877	122,395
Hardwoods	468	464	374	357	305
Estimated Area of all Plantations	492,932	511,388	543,189	564,113	582,112

(a) Figures for 1961 and 1962 are not comparable with those of previous years as the 1961 and 1962 figures have been estimated more realistically. (b) Land permanently dedicated to timber production. (c) The figure for "Other Forested Reserves" is not comparable with those for previous years due to extension of government control in the Northern Territory involving 1,920,000 acres. (d) Excludes firebreaks and other areas not actually forested.

No. 60.—Employment in Forestry Departments, 30th June, 1962

(Number)

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory (a)	Australia
Professional Staff—									
Foresters	142	185	60	31	38	29	5	9	499
Others	87	22	31	44	23	3			210
Non-Professional Field Staff	220	222	97	8	148	87	11	1	794
Clerical Staff	309	255	187	101	51	85	3	8	990
Extraction (i.e. Felling and Carting, &c.) (b)	1,266	104	123	38	28		14		6,475
Milling (Sawing, Peeling, Slicing or Pulping)	19	739	739	15					
Labour (Silvicultural, Forest Works, &c.) (c)	839	2,015	264	554	298	111	48		
Total	2,015	1,646	2,513	1,225	857	502	144	66	8,968

(a) Includes employees of Forestry and Timber Bureau actually engaged in forestry operations in A.C.T. In addition the following were engaged in research and training at the Forestry and Timber Bureau at 30th June, 1962: Professional—Foresters, 23; Other, 6; Non-Professional—Technical, 18; Clerical, 24; Labour—Silvicultural, 5; Other, 3. (b) Excludes persons working on milling operations. (c) Includes 110 full blood aboriginals who were employed as follows:—13 in extraction and 97 as labourers.

No. 61.—Production of Forest Products, 1961-62

Product	Unit	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Timber—										
Logs for sawing, peeling, slicing or pulping—	'000 cubic ft.	48,076	60,789	21,123	574	50,094	42,572	(a) 7	154	6,223,389
Forest Hardwoods	"	3,812		8,076				(a) 2		(b) 11,890
Brushwoods and Scrubwoods	"									
Softwoods—										
Indigenous Forest "Pines"—	'000 cubic ft.	7,268	205	4,691	114			(a) 73		(b) 12,351
Cypress	"	346		2,928				399		(b) 3,676
Other	"	4,921	8,137	2,836	22,999	1,505		959		42,245
Plantation grown "Pines"	"									
Total Logs	'000 cubic ft.	64,423	69,133	39,644	23,690	51,599	43,930	(a) 82	1,050	6,293,551
Value of Logs	£'000	9,328	9,008	6,669	2,363	3,510	4,607	(a) 20	123	(b) 135,548
Hewn and Other Timber (not included above)—										
Sleepers, Hewn	'000 cubic ft.	3,499	(a) 1,882	(c) 1,525		7	(a) 412			
Transoms, Crossing and Junk	"	214	(c) 248				(a) 11			
Girders	"	254	(a) 12	(c) 325			(a) 6			
Bridge Timbers	"	(e)	(a) 34	(c) 164	(d) 4		568	(a) 35		(d)
Mining Timber	"	917	(a) 1,888	(c) 146			302	(a) 529		(f)
Fence Posts and Rails	"	2,182	(a) 812	(c) 655			887	(a) 169		
Poles and Piles	"						(g)			
Timber used for Tannin Extract	"	193	(a) 47	10	490		522	419	(a) 1	(a) (f)
Miscellaneous Timber	"	243	1,711	128			222	419	(a) 49	(a) (f)
Firewood (h)—Weight	'000 cubic ft.	7,727	68,420	5,749	17,166	17,405	22,314	(a) 49	(a) 33	(b) 3,514
Estimated Volume	'000 cubic ft.									6,138,883
Value of Hewn and Other Timber	£'000	5,302	(i) 8,813	1,244	(j) 1,342	(j) 1,790	(k) 1,245	(a) 4	(i) 1	(b) 19,741
Other Forest Products—										
Charcoal (l)	ton	(a) 805	(a) 39	1		101				(b) 946
Tanning Bark (Long Bark)	"	743	1,787		234	194	217			3,175
Essential Oils—Eucalyptus	cwt.	6,931	(a) 1,064		35		14,580			(b) 8,030
Sandalwood and Substitutes	"	(a) 17			18,687	344				14,580
Gums and Resins	"	79	(a) 4	1	12	2				98
Other (Value)	£'000									
Total Value of Other Forest Products	£'000	(j) 260	(i) 84	1	59	(m) 9	8			(b) 421
Total Value of Forest Products (i)	£'000	14,790	17,965	7,914	3,763	(a) 5,552	5,860	(a) 24	124	55,992

(a) Incomplete; no details available of production from private land. (b) Incomplete; no estimates to individual States. (c) Log equivalent of timber products. (d) Not available. (e) Not available. (f) Excludes mill waste used as firewood. (g) Incomplete; no estimates to individual items. (h) Not available for publication. (i) Excludes mill waste used as firewood. (j) Includes an estimate of value of timber taken from private land. (k) Forest production only. Excludes production in factories. (l) Incomplete; value for sandalwood and substitutes not available for publication. (m) Includes value of timber used for tannin extract, sandalwood and substitutes.

No. 62.—Production of Forest Products: Australia

Product	Unit	1957-58	1958-59	1959-60	1960-61	1961-62
Timber—						
Logs for sawing, peeling, slicing or pulping—	'000 cubic ft.	234,253	230,960	243,640	242,142	223,389
Forest Hardwoods	"	13,398	14,518	14,287	14,689	11,890
Brushwoods and Scrubwoods	"					
Softwoods—						
Indigenous Forest "Pines"—	'000 cubic ft.	14,167	13,861	14,437	13,483	12,351
Cypress	"	6,571	5,746	4,716	4,726	3,676
Other	"	29,671	38,858	42,639	39,850	42,245
Plantation grown "Pines"	"					
Total Logs	'000 cubic ft.	298,660	312,941	320,259	314,890	293,551
Value of Logs	£'000	36,114	37,167	38,972	38,475	35,588
Hewn and Other Timber (not included above)—						
Firewood(a)—Weight	'000 ton	3,923	4,081	3,997	3,705	3,514
Other (Value(b))	£'000	9,299	8,191	8,066	8,320	7,779
Value of Hewn and Other Timber(b)	£'000	20,172	20,489	20,337	20,544	19,741
Other Forest Products—						
Charcoal(c)	ton	2,644	1,456	1,182	1,019	946
Tanning Bark (Long Bark)	"	8,533	7,338	5,076	3,715	3,175
Essential Oils—Eucalyptus	cwt.	6,734	5,809	3,563	4,679	8,030
Sandalwood and Substitutes	"	17,100	5,520	12,414	25,205	14,580
Gums and Resins	"	7,170	10,386	10,682	9,659	18,948
Other (Value)	£'000	66	71	68	101	98
Total Value of Other Forest Products (d)	£'000	538	448	345	372	421
Total Value of Forest Products(e)	£'000	57,071	58,190	59,842	59,763	55,992

(a) Excludes mill waste used as firewood. (b) Excludes value of timber used for tannin extract in Western Australia; details of which are not available for publication. (c) Excludes value of timber used for tannin extract, sandalwood and substitutes in Western Australia. (d) Excludes value of timber used for tannin extract, sandalwood and substitutes in Western Australia. (e) Includes value of timber used for tannin extract, sandalwood and substitutes in Western Australia.

No. 63.—Production of Timber, Timber Products, etc.: Australia

Item	Unit of Quantity	1957-58	1958-59	1959-60	1960-61	1961-62
Timber produced from Australian grown logs by						
Sawing, Peeling and Slicing—						
Hardwood— Forest Hardwoods	'000 super. ft.	1,061,179	1,088,363	1,115,468	1,082,748	997,923
Brushwoods and Scrubwoods	"	65,971	70,496	71,327	70,248	64,735
Softwood— Natural Forest Pines— Cypress	"	77,791	71,802	76,942	72,127	66,252
Other	"	45,416	41,863	35,272	30,815	23,675
Plantation Grown Pines	"	140,910	187,510	206,236	159,270	199,189
Total		1,362,778	1,478,993	1,491,431	1,365,388	1,325,567
By Sawing	"	1,362,778	1,478,993	1,491,431	1,365,388	1,325,567
By Peeling or Slicing	"	28,399	30,981	31,614	28,820	26,206
Total	"	1,391,177	1,459,974	1,521,045	1,415,208	1,351,773
Veneers Produced—						
Sheet	'000 sq. ft.	47,695	63,234	41,330	44,674	60,235
Rotary	"	685,578	787,525	851,105	824,158	725,271
Crustack Produced	'000 sup. ft.	7,015	7,103	6,872	7,076	7,294
Plywood Produced—						
Waterproof	'000 sq. ft. A*	25,475	32,881	36,705	44,907	38,897
Non-Waterproof— Commercial	"	165,073	180,144	184,625	155,737	153,342
Special Finery	"	19,910	20,511	18,109	20,201	20,055
Cane	"	2,179	2,668	2,661	2,544	1,476
Total Plywood	"	212,617	236,204	242,100	223,389	213,868
Hardboard made from Pulped Wood	'000 sq. yds.	24,426	29,020	31,645	31,085	28,772
Boards of Wood Chips, Wood Particles, Wood Wool or Sawdust— Resin Bonded	"			207	657	1,231

(a) Excludes the Northern Territory and the Australian Capital Territory. (b) Equivalent in super. feet of veneer made and in the manufacture of plywood, etc., including veneer made for imported goods. (c) Includes production from imported sources.

No. 64.—Imports and Exports of Forest Products, Timber and Timber Products: Australia

Particulars	Unit of Quantity	1957-58	1958-59	1959-60	1960-61	1961-62					
		Quantity Value £A £.b.	Quantity Value £A £.b.	Quantity Value £A £.b.	Quantity Value £A £.b.	Quantity Value £A £.b.					
Imports											
Logs, not sawn—	'000 sup. ft.	3,996	85,026	4,969	159,781	3,714	117,096	1,973	58,210	2,024	68,267
Softwood	"	40,659	998,114	50,212	1,351,731	50,610	1,585,362	58,466	1,717,251	71,850	1,840,797
Hardwood	"	200	14,777	10	26	—	4,822	—	2,514	—	3,961
Unfinished Timber—	'000 sup. ft.	15,087	6,495,877	147,617	5,511,649	182,365	8,165,462	183,126	8,499,234	168,436	6,906,171
Softwood	"	28,578	1,011,468	33,706	1,194,465	41,566	1,636,525	33,662	1,211,071	28,913	899,924
Hardwood	"	19,224	1,111,148	15,379	936,718	19,741	1,233,063	32,882	2,540,666	16,237	897,019
Timber—	'000 sup. ft.	54,977	2,020,427	55,412	3,897,667	67,387	3,651,162	85,262	5,156,997	51,450	2,668,861
Softwood	"	1,613	60,520	631	41,471	610	38,702	567	33,312	641	48,195
Hardwood	"	20,830	1,447,681	14,968	994,679	19,863	1,644,768	11,778	887,274	7,550	511,354
Plywood	'000 sq. ft.	12,607	1,100,759	14,015	1,140,871	16,835	1,185,151	18,551	1,077,818	18,922	1,100,822
Timber Substances	'000 lb.	22,669	936,118	24,695	845,742	29,521	1,074,189	31,618	1,089,659	31,960	1,069,395
Unfinished Timber	'000 sup. ft.	162,218	471,189	137,487	381,020	146,582	415,148	164,986	442,994	145,329	379,422
Softwood	"	1,587	6,486	1,206	5,717	1,402	8,050	1,540	8,712	1,508	14,111
Exports											
Australian Produce—	'000 sup. ft.	6,145	369,721	8,257	254,732	4,099	237,416	6,494	371,142	8,190	309,230
Logs, not sawn	"	—	—	—	—	—	—	—	—	—	—
Unfinished Timber—	'000 sup. ft.	38,391	2,281,158	39,842	2,387,676	32,090	1,775,477	17,779	930,566	27,410	1,518,172
Softwood	"	2,679	114,716	1,501	83,912	614	42,584	387	31,030	879	50,590
Hardwood	"	142	5,190	104	10,438	167	14,915	134	11,523	54	8,271
Timber—	'000 sup. ft.	15,998	1,107,961	18,430	977,975	19,914	950,532	21,028	1,457,543	16,966	1,168,626
Softwood	"	569	62,152	489	109,176	1,407	193,061	1,021	142,020	1,274	181,554
Hardwood	"	4,573	103,419	7,775	218,596	4,020	112,854	2,966	48,970	1,569	37,918
Plywood	'000 sq. ft.	773	90,457	721	58,619	754	45,822	1,101	124,224	898	106,955
Timber Substances	'000 lb.	90,836	25,478	79,755	218,011	138,130	351,150	61,587	182,130	88,679	257,711
Timber—	'000 sup. ft.	7,406	18,362	6,232	19,660	6,249	27,303	5,712	22,381	6,511	24,681
Unfinished Timber	'000 sup. ft.	154,414	1,11,485	209,541	77,081	256,888	94,760	234,921	80,115	309,814	104,155
Timber—	'000 sup. ft.	—	—	—	—	—	—	—	—	—	—
Logs, not sawn	"	—	—	—	—	—	—	—	—	—	—
Unfinished Timber—	'000 sup. ft.	303	24,146	287	21,180	99	11,746	117	55,492	152	15,775
Softwood	"	4	410	52	5,061	34	3,768	117	6,922	52	1,482
Hardwood	"	5	771	14	1,806	4	573	19	2,179	56	6,087
Plywood	'000 sq. ft.	21	1,143	14	861	17	364	155	3,918	134	3,142
Timber Substances	'000 lb.	2	385	28	2,369	1	191	7	191	10	42
Timber—	'000 sup. ft.	—	—	—	—	—	—	—	—	—	—
Logs, not sawn	"	—	—	—	—	—	—	—	—	—	—
Unfinished Timber—	'000 sup. ft.	—	—	—	—	—	—	—	—	—	—
Softwood	"	—	—	—	—	—	—	—	—	—	—
Hardwood	"	—	—	—	—	—	—	—	—	—	—
Plywood	'000 sq. ft.	—	—	—	—	—	—	—	—	—	—
Timber Substances	'000 lb.	—	—	—	—	—	—	—	—	—	—

(a) Non-sawn woods. (b) Pore woods. (c) Less than half the unit of quantity shown. (d) Excludes stumps and the like.

SECTION III.—FISHING AND WHALING

NOTE.—For particulars of the source of the statistics shown in this Section and the presentation adopted, see page 3.

No. 65.—Fisheries: Quantity and Gross Value of Take, 1961-62

Particulars	Unit	New South Wales	Victoria (a)	Queensland	South Australia	Western Australia	Tasmania (a)	Northern Territory	Australia
Aquatic Fauna—									
Fish—Landed Weight	'000 lb.	27,071	13,665	8,834	15,059	8,895	5,376	226	78,526
Estimated Live Weight	"	28,963	16,224	9,471	15,640	11,656	6,259	247	88,460
Gross Value	£'000	2,016	1,575	670	870	66	255	21	6,075
Crustaceans—Gross Weight	'000 lb.	5,266	1,650	5,083	4,025	(c) 20,070	3,426	2	39,552
Gross Value	£'000	837	406	678	720	(c) 4,123	711	(d)	2,737
Molluscs—Gross (in-shell) Weight	'000 lb.	(c) 12,204	964	840	24	4,773	10	(f) 19,815	
Gross Value	£'000	(c) 992	35	41	2	181	1	(f) 1,252	
Aquatic Fauna Residue—									
Shell—Weight	'000 lb.	—	(b) 860	—	—	802	(b) 147	(c) 1,809	—
Gross Value	£'000	—	(b) 176	—	—	156	(b) 29	(c) 361	—
Trochus-shell—Weight	'000 lb.	—	—	—	—	—	—	—	—
Gross Value	£'000	—	—	28	—	—	—	—	45

(a) Catch by Victorian fishermen in Tasmanian waters is included in Victoria. (b) Includes shark liver for oil extraction. Excludes freshwater fish caught in Queensland, particulars of which are not available. (c) Crayfish production partly estimated. (d) Less than £500. (e) Excludes fish caught in Queensland, particulars of which are not available for publication. (f) Commercially, see footnote (a). (g) Season ended December, 1961. (h) Western Australia, and January, 1962, for Queensland and Northern Territory. (i) Catch by Queensland fishermen in Northern Territory waters is included in Queensland. (j) Excludes pearl-shell taken by Japanese pearlers operating in Australian waters, the quantity of which was 41,100 lb.

No. 66.—Fisheries: Quantity and Gross Value of Take, Australia

Particulars	Unit	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Aquatic Fauna—											
Fish—Landed Weight	'000 lb.	73,259	71,430	63,862	57,228	67,145	64,170	66,682	69,337	70,826	78,526
Estimated Live Weight	"	81,179	78,828	70,422	63,280	75,179	71,973	74,383	78,097	79,997	88,460
Gross Value	£'000	4,561	4,748	4,647	4,624	5,224	5,294	5,851	5,967	6,075	6,075
Crustaceans—Gross Weight	'000 lb.	19,722	22,265	27,668	25,474	24,817	27,504	33,971	36,816	40,810	(b) 39,552
Gross Value	£'000	2,111	2,510	2,928	2,875	3,284	3,772	4,585	5,561	5,906	(b) 7,477
Molluscs—Gross (in-shell) Weight	'000 lb.	11,552	13,522	15,892	15,632	17,444	14,905	17,955	19,204	21,808	18,815
Gross Value	£'000	487	641	829	788	861	825	1,037	1,089	1,186	1,252
Aquatic Fauna Residue—											
Shell—Weight	'000 lb.	2,648	2,337	2,489	2,913	3,724	4,202	2,960	2,408	3,111	1,809
Gross Value	£'000	487	595	647	771	1,006	995	56	58	724	361
Trochus-shell—Weight	'000 lb.	2,238	3,057	2,784	2,114	1,911	1,229	916	800	319	457
Gross Value	£'000	146	260	350	346	357	184	106	78	27	28

(a) Includes shark liver for oil extraction. Excludes freshwater fish caught in Queensland in 1960-61 and 1961-62. (b) Crayfish production partly estimated for Western Australia. (c) Excludes fish in New South Wales for all years; scallops in Western Australia and oysters in Northern Territory for years prior to 1960-61, and oysters in Western Australia for years prior to 1959-60. (d) Excludes pearl-shell taken by Japanese pearlers operating in Australian waters for years commencing from 1951-54.

No. 67.—Production of Fresh Fish ('000 lb.)

State or Territory	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
LANDED WEIGHT										
New South Wales	30,486	30,184	24,752	21,427	27,327	26,114	28,025	27,879	26,260	27,071
Victoria	11,679	11,728	9,226	12,196	11,185	9,861	12,706	12,140	11,065	11,665
Queensland	10,501	9,766	9,009	9,002	8,888	8,422	9,258	7,644 (b)	6,993 (b)	8,833
South Australia	7,250	7,350	7,171	6,530	8,503	8,851	9,116	10,214	12,735	15,059
Western Australia	8,420	10,072	6,586	8,533	7,435	7,678	8,023	8,087	7,596	8,895
Tasmania	5,195	2,279	2,497	1,980	2,617	1,760	2,162	2,461	2,807	5,378
Northern Territory	87	100	118	101	179	160	235	332	396	226
Australia	73,259	71,430	63,862	57,228	67,145	64,170	66,682	69,337	70,826	78,526
ESTIMATED LIVE WEIGHT (c)										
New South Wales	32,660	32,312	26,441	23,962	28,992	27,926	29,632	29,716	30,266	28,963
Victoria	13,069	13,820	11,833	10,808	14,112	13,305	11,685	15,197	14,772	16,224
Queensland	11,354	10,525	9,368	9,668	9,447	9,014	9,930	8,218 (b)	7,421 (b)	9,471
South Australia	8,102	8,317	8,154	7,328	9,688	9,591	9,990	11,006	13,357	15,640
Western Australia	9,225	10,913	9,193	9,768	9,545	9,781	10,114	10,215	9,484	11,650
Tasmania	6,882	2,821	3,115	2,545	3,416	2,174	2,797	3,173	3,561	6,259
Northern Territory	87	100	118	101	179	160	235	332	436	244
Australia	81,379	78,828	70,422	63,280	75,379	71,973	74,383	78,097	79,097	88,466

NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

No. 68.—Fish: Production by Species Groups, 1961-62
('000 lb. estimated live weight)

Species Group and Common Name	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australia (a)
FRESHWATER SPECIES								
Teleostean Freshwater Species—						(c)		124
Eel	35	79						114
English Perch	296	19	(b)	300				263
Golden Perch	110	3		150				67
Murray Cod	64							71
Silver Perch	56	21						74
Other								6
Total Freshwater Species	561	249	(b)	450		(c)		1,260
MARINE SPECIES								
Teleostean Marine Species—								
Salmon and Similar Species—						22		22
Whitebait								
Teleostean Flatfishes—						7		136
Flounder and Sole		127			2			
Cod, Hake and Similar Species—						30		54
Southern Rock Cod		24						
Herring and Similar Species—								175
Anchovy		175				87		87
Perth Herring		349				46		501
Pillchard	106	13				35		45
Other								3
Total	106	347				168		811
Tunas, True Mackerel and Similar Species—								6,810
Barracouta	24	4,725			83	2	3	1,631
Mackerel	188		1,355		51	5	2	10,616
Tuna	3,111	3		7,420				19,060
Other								1
Total	3,443	4,729	1,361	7,420	134	2,068	5	19,060
Barracudas, Mulllets and Similar Species—								13,242
Mullet	5,880	964	4,471	675	1,244	7	1	13,242
Salmon and Threadfin			119					123
Snook, Pike and Barracuda		294	18	410				723
Total	5,880	1,258	4,598	1,085	1,245	8	4	14,088
Jacks, Pompanos and Similar Species—								51
Dart			5			55		60
Samson Fish			702			187		1,148
Tailor	259					407		59
Trevally, Turbot and Bludge	104	163	28			59	45	547
Yellowtail Kingfish	502	30	15			6	3	11
Other								2,274
Total	865	195	801			307	48	11,534
Perches, Croakers, Breams, Basses and Similar Species—								11,534
Australian Salmon	1,384	636		1,050	5,543	2,921		11,534
Bream (including Tarwhine)	547	329		52		73	3	1,382
Cod			118		20			138
Giant Perch			243				166	409
Luderick	865	72	83	84			3	2,773
Morwong (<i>Nemadactylus</i> spp.)	2,368		72	85	17		2	436
Mulloway			778	505	1,072			1,188
Ruff		20						3,736
Snapper	1,803	279						222
Sweetlip			213					213
Teraglin								216
Westralian Jewfish		402	450	1,675		570		3,513
Whiting	416	58	134			97	42	32
Other								27,203
Total	7,876	2,114	1,797	3,841	8,406	2,966	203	27,203
Flatheads, Gurnards and Similar Species—								6,458
Flathead	1,840	2,318	150			16	34	447
Gurnard		77						244
Latchet	242							
Total	4,552	2,397	150			16	34	7,149
Elasmobranchs—								8,691
Shark	1,666	(d)	31	1,582		50	(d)	994
Skate			17					92
White Spotted Ray				92				
Total	1,666	3,933	121	1,582		513	994	8,814
Mixed and Unidentified Species—								82
Bight Redfish				82		771		771
Cobbler						43	77	1,465
Garfish	251	479	110	505				613
John Dory	608						(c)	2,197
Leatherjacket	2,120	30						94
Redfish	54							2,421
Other	1,041	145	521	675	6	8	23	7,639
Total	4,174	661	631	1,262	863	85	23	87,200
Total Marine Species	28,402	15,775	9,471	15,190	11,636	(d)	6,239	247
Total Fish	28,963	16,224	(a)	15,640	11,636	(d)	6,239	88,460

(a) Excludes freshwater fish caught in Queensland, details of which are not available. (b) Non-available. (c) Less than 500 lb. (d) Victorian figure includes 1,261,000 lb. of shark caught by Victorian fishermen in Tasmanian waters.

FISHING AND WHALING

No. 69.—Fish: Production by Species Groups, Australia
('000 lb. estimated live weight)

Species Group and Common Name	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61 (a)	1961-62 (a)
FRESHWATER SPECIES										
Teleostean Freshwater Species—										
Eel	33	44	36	39	37	73	58	104	95	124
English Perch	132	182	75	62	95	103	67	62	114	114
Golden Perch	1,298	1,453	1,515	1,146	1,205	1,309	1,363	823	833	615
Murray Cod	505	476	599	486	370	547	591	423	372	263
Silver Perch	41	43	40	56	63	83	112	78	82	67
Other	76	74	66	74	64	119	102	117	101	77
Total Freshwater Species	2,083	2,372	2,331	1,863	1,834	2,223	2,291	1,612	1,597	1,260
MARINE SPECIES										
Teleostean Marine Species—										
Salmon and similar Species—										
Whitebait	40	134	64	34	3	9	37	28	62	22
Teleostean Flatfishes—										
Flounder and Sole	252	283	232	170	229	206	132	138	119	136
Cod, Hake and Similar Species—										
Southern Rock Cod	146	166	149	102	95	74	101	114	73	54
Herring and Similar Species—										
Anchovy	144	248	237	103	309	147	41	109	111	175
Perth Herring	2	8	13	20	30	60	29	81	113	87
Pillchard	151	75	110	275	66	62	192	330	418	501
Other	16	33	3	44	10	52	33	121	86	48
Total	313	364	363	442	413	321	295	641	728	811
Tunas, True Mackerel and Similar Species—										
Barracouta	9,275	5,768	6,949	3,445	5,468	3,903	4,300	5,871	5,981	6,810
Mackerel	2,468	2,219	1,299	1,599	1,492	1,734	2,193	1,641	1,779	1,631
Tuna	6,766	1,129	997	1,141	2,262	3,230	5,493	7,999	9,767	10,616
Other	(b)	(b)	(b)	1	1	1	(b)		3	3
Total	12,419	9,116	9,245	6,186	9,223	8,868	11,986	14,611	17,530	19,060
Barracudas, Mulllets and Similar Species—										
Mullet	13,969	12,801	12,528	11,576	11,244	11,566	14,063	12,340	11,363	13,242
Salmon and Threadfin	204	209	224	313	399	314	247	266	166	123
Snook, Pike and Barracuda	698	694	344	495	598	595	553	574	626	723
Other					5		16	22		
Total	14,862	13,695	13,096	12,404	12,237	12,473	14,879	13,202	12,154	14,088
Jacks, Pompanos and Similar Species—										
Dart	42	54	37	75	78	77	57	50	39	51
Samson Fish	45	48	52	30	80	89	103	116	79	60
Tailor	1,201	969	766	987	1,185	894	845	1,199	1,407	1,148
Trevally, Turbot and Bludge	240	272	250	300	410	387	387	468	468	467
Yellowtail Kingfish	365	478	272	335	453	344	490	384	532	547
Other	23	9	1	11	19	13	12	21	26	11
Total	1,916	1,830	1,378	1,738	2,225	1,800	1,884	2,128	2,548	2,224
Perches, Croakers, Breams, Basses and Similar Species—										
Australian Salmon	8,118	11,398	7,415	7,652	12,164	10,561	8,543	7,601	6,630	11,534
Bream (including Tarwhine)	1,443	1,366	1,269	1,152	982	1,064	1,207	1,123	1,236	1,382
Cod	79	82	79	81	80	94	84	94	84	138
Giant Perch	158	152	167	363	418	407	428	610	588	409
Luderick	1,432	1,137	1,043	991	897	1,025	1,063	1,199	1,066	1,020
Morwong (<i>Nemadactylus</i> spp.)	3,320	2,784	2,913	2,712	3,895	3,103	2,572	2,329	2,258	2,773
Mulloway	526	611	453	393	391	844	328	270	391	456
Ruff	1,324	1,284	1,460	1,068	3,918	1,561	1,860	1,506	1,288	1,188
Snapper	3,001	3,399	3,197	3,127	3,427	3,144	3,115	4,602	4,684	3,756
Sweetlip	201	244	228	231	187	235	178	179	98	222
Teraglin	147	114	109	157	482	223	191	153	225	211
Westralian Jewfish	2,559	316	321	215	242	397	340	236		
Whiting	2,941	2,194	2,452	2,804	2,680	3,000	2,990	3,297	3,267	3,513
Other	391	364	320	366	355	338	402	400	328	363
Total	23,840	25,455	21,438	21,252	29,097	23,834	23,241	23,760	22,311	27,203
Flatheads, Gurnards and Similar Species—										
Flathead	6,661	6,050	5,874	4,958	5,015	4,308	4,599	4,902	5,141	6,438
Gurnard	259	360	369	248	341	313	288	216	374	547
Latchet	63	137	189	156	211	284	240	247	280	244
Total	6,983	6,547	6,432	5,362	5,567	4,905	5,127	5,385	5,795	7,149
Elasmobranchs—										
Shark	7,698	8,586	7,766	6,987	8,438	8,241	7,375	8,457	7,636	8,691
Skate	20	13	9	4	5	2	7	14	29	31
White Spotted Ray	78	84	56	112	108	118	85	75	78	92
Other	1	1	1	1	1					
Total	7,797	8,684	7,872	7,104	8,553	8,361	7,467	8,546	7,741	8,814
Mixed and Unidentified Species—										
Bight Redfish										
Cobbler	770	644	594	550	331	553	311	444	373	82
Garfish	1,530	1,493	1,143	1,147	1,633	1,139	1,079	1,027	1,135	1,465
Leatherjacket	286	282	280	278	304	382	366	465	613	613
Garfish	3,187	2,709	1,809	2,280	1,885	1,658	1,866	2,476	2,616	2,193
Leatherjacket	1,524	1,766	1,460	1,495	1,437	986	901	1,173	88	94
Redfish	3,407	3,446	2,982	1,873	2,313	2,837	3,016	3,347	2,653	2,421
Total	10,726	10,268	7,822	6,623	6,903	7,075	6,919	7,952	8,235	7,629
Total Marine Species	79,294	76,356	68,081	61,417	73,545	66,748	72,090	76,485	77,500	87,200
Total Fish	81,379	78,828	70,422	63,280	75,379	71,973	74,381	78,097	79,097	88,100

No. 70.—Fish: Production of Principal Types
('000 lb. estimated live weight)

State or Territory	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
MOLLUSC										
New South Wales	6,699	6,288	6,206	5,083	4,603	5,009	6,274	6,403	5,937	5,880
Victoria	1,096	751	634	816	578	1,053	1,224	769	710	964
Queensland	4,866	4,561	4,451	4,234	4,269	3,611	4,378	3,295	2,712	4,471
South Australia	509	509	477	550	650	560	900	625	612	675
Western Australia	792	601	731	871	1,131	1,322	1,263	1,220	1,375	1,244
Tasmania	16	10	29	22	13	11	23	24	17	7
Northern Territory							1	4	4	1
Australia	13,969	12,801	12,528	11,576	11,244	11,566	14,063	12,340	11,367	13,242
AUSTRALIAN SALMON										
New South Wales	2,423	2,578	575	1,225	3,256	3,010	2,169	1,954	1,538	1,384
Victoria	763	1,427	1,099	864	3,621	2,274	1,241	1,951	1,050	636
Queensland	800	1,000	876	536	900	1,014	900	630	740	1,050
South Australia	3,997	6,011	4,435	4,771	4,314	4,131	4,028	2,741	2,161	5,543
Western Australia	135	382	430	256	73	132	265	325	1,201	2,921
Tasmania										
Northern Territory										
Australia	8,118	11,398	7,415	7,652	12,164	10,561	8,543	7,601	6,630	11,534
TUNA										
New South Wales	536	1,051	921	655	1,683	1,930	3,891	3,927	4,727	3,131
Victoria	18	30	1	7	35	62	24	88	31	1
Queensland					16	2	9	4	8	6
South Australia	67	12	59	438	490	1,218	1,540	3,071	4,961	7,420
Western Australia	4	20	6	22	14	9	12	1	26	51
Tasmania	51	14	10	3	38	11	17	5	9	5
Northern Territory								3	1	2
Australia	676	1,129	997	1,141	2,262	3,230	5,493	7,099	9,767	10,616
SHARK										
New South Wales	1,183	1,501	1,818	1,227	1,792	1,884	1,587	1,326	1,512	1,666
Victoria	2,081	1,349	2,895	2,724	2,568	3,065	2,655	3,875	2,974	3,916
Queensland					27	25	17	31	39	31
South Australia	2,060	2,100	2,114	2,119	3,175	1,944	1,900	1,825	1,682	1,592
Western Australia	207	318	276	248	359	401	423	487	459	501
Tasmania	2,227	1,116	663	642	519	887	793	911	969	994
Northern Territory										
Australia	7,698	8,586	7,766	6,987	8,438	8,241	7,375	8,457	7,636	8,691
BARRACOUTA										
New South Wales	339	337	86	83	154	13	37	12	1	24
Victoria	4,926	4,652	5,378	2,091	2,487	2,977	2,852	4,291	5,154	4,725
Tasmania	6,010	799	1,485	1,271	2,426	913	1,421	1,568	824	2,061
Australia	9,275	5,768	6,949	3,445	6,054	3,503	4,300	5,871	5,981	6,810
FLATHEAD										
New South Wales	4,362	4,011	3,662	2,539	2,904	2,492	2,856	2,814	3,026	3,540
Victoria	1,889	1,696	1,856	2,055	1,810	1,289	1,427	1,815	1,880	2,318
Queensland	241	214	210	216	234	258	227	169	140	150
South Australia										
Western Australia	18	23	27	66	25	30	25	30	21	16
Tasmania	151	106	115	82	42	44	59	79	74	34
Australia	6,661	6,050	5,874	4,958	5,015	4,108	4,599	4,902	5,341	6,458
SNAPPER										
New South Wales	1,414	1,301	1,228	1,065	1,801	1,612	1,368	1,500	1,903	1,803
Victoria	254	163	124	147	81	130	143	153	132	279
Queensland	250	241	151	104	135	134	149	120	93	97
South Australia	400	470	465	324	353	388	395	485	571	505
Western Australia	1,183	1,224	1,229	1,477	1,035	864	1,060	2,340	1,985	1,072
Northern Territory					10	18	16		4	
Australia	3,501	3,399	3,197	3,127	3,427	3,144	3,115	4,602	4,684	3,756
WHITING										
New South Wales	120	110	163	195	151	228	314	286	293	416
Victoria	288	176	154	195	194	218	367	464	537	402
Queensland	582	493	505	478	472	469	471	420	441	450
South Australia	1,690	1,060	1,211	1,550	1,490	1,560	1,350	1,660	1,475	1,675
Western Australia	351	395	419	386	461	585	488	527	521	570
Australia	2,941	2,194	2,452	2,804	2,680	3,000	2,990	3,297	3,267	3,513
LEATHERJACKET										
New South Wales	3,149	2,667	1,764	2,251	1,838	1,609	1,800	2,390	2,434	2,120
Victoria	7	13	16	12	18	13	13	24	33	30
Queensland	3	6	6	(c)	8	2	(c)	(c)	(c)	(c)
South Australia	28	23	22	17	21	34	53	62	49	41
Western Australia	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Tasmania										
Northern Territory										
Australia	3,187	2,709	(d), 1,809	2,280	1,885	1,658	1,866	2,476	2,516	2,193

(a) Catch by Victorian fishermen in Tasmanian waters (120,000 lb. in 1961-62) is included in Victoria. (b) Includes Western Australia, 1,000 lb.
(c) Less than 500 lb. (d) Includes South Australia, 1,000 lb.

No. 71.—Crustaceans: Production by Type
('000 lb. estimated gross weight)

State	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
CRAYFISH										
New South Wales	543	576	510	438	473	525	461	492	467	384
Victoria	961	1,519	1,263	1,026	1,164	1,230	1,294	1,560	2,070	1,876
Queensland	3	8	9	12	9	23	25	40	41	58
South Australia	3,500	3,850	4,589	4,000	4,185	4,460	4,250	3,900	3,721	4,025
Western Australia	8,100	9,224	10,906	10,530	10,763	13,327	17,517	19,541	18,019	(e) 19,712
Tasmania	2,694	2,218	2,895	2,442	2,104	2,399	2,755	2,955	3,167	3,426
Australia	15,800	17,395	20,172	18,448	18,938	21,964	26,302	28,008	27,485	29,341
PRawns										
New South Wales	2,825	3,558	4,603	3,672	2,386	1,520	3,148	1,624	2,916	4,678
Victoria			19	1	(d)	20	17	7		76
Queensland	488	700	2,000	2,400	2,500	3,600	3,500	3,406	4,136	4,400
Western Australia	23	45	26	75	109	147	86	132	106	239
Australia	3,336	4,303	6,648	6,148	5,075	4,687	6,751	7,749	6,529	(e) 9,322
CRABS										
New South Wales	83	131	237	200	123	127	262	312	144	190
Victoria	459	395	556	649	701	664	606	637	595	625
Western Australia	38	16	19	21	11	35	38	73	48	59
Australia	580	542	(f) 813	870	835	826	906	1,044	787	(e) 875
FRESHWATER LOBSTER										
New South Wales	6	25	35	8	7	27	12	15	9	14
TOTAL CRUSTACEANS										
New South Wales	3,457	4,290	5,385	4,318	2,989	2,199	3,883	4,463	5,536	5,266
Victoria	961	1,519	1,282	1,027	1,164	1,250	1,311	1,507	2,077	1,680
Queensland	949	1,103	2,965	3,061	3,210	3,667	4,131	4,666	4,136	5,083
South Australia	3,500	3,850	4,590	4,000	4,185	4,460	4,250	3,900	3,721	4,025
Western Australia	8,161	9,245	10,951	10,626	10,963	13,509	17,641	19,732	18,173	20,070
Tasmania	2,694	2,218	2,895	2,442	2,104	2,399	2,755	2,931	3,167	3,426
Australia	19,722	22,265	27,648	25,474	24,815	27,504	33,971	36,816	34,810	(e) 39,552

(a) Catch by Victorian fishermen in Tasmanian waters (158,000 lb. in 1961-62) is included in Victoria. (b) For years prior to 1960-61, the catch was made up entirely of Shoreland lobster (*Thalassidroma*). In 1960-61, the catch comprised 26,000 lb. Crayfish and 15,000 lb. Shoreland lobster and in 1961-62, 54,000 lb. Crayfish and 4,000 lb. Shoreland lobster. (c) Partly estimated. (d) Less than 500 lb. (e) Includes Northern Territory, where 1,000 lb. each of prawns and crabs were caught in 1961-62. (f) Includes South Australia, 1,000 lb.

No. 72.—Molluscs: Production by Type
('000 lb. estimated in-shell weight)

(000 lb. estimated in-shell weight)										
State	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
OYSTERS										
New South Wales	7,771	9,283	10,198	9,197	9,695	10,252	12,390	12,164	13,296	12,204
Victoria	95	71	15	4	42	117	88	91	162	65
Queensland	404	275	158	146	154	147	407	294	242	323
Western Australia			(a)	(a)		(a)	(a)	67	515	
Tasmania	6	59	44	214	373	46	(b)	74	5	10
Northern Territory							(a)	(a)		
Australia	8,276	9,688	c 10,415	(c) 9,561	c 10,264	c 10,562	c 12,885	c 12,690	14,220	12,613
SCALLOPS										
Queensland				200	1,200	44	51	1,600	1,600	400
Tasmania	3,229	3,779	5,406	5,788	5,874	4,163	4,735	4,505	5,296	4,772
Western Australia						(a)	(a)	(a)		
Australia	3,229	3,779	5,406	5,938	7,074	(c) 4,207	(c) 4,786	(c) 6,105	(d) 6,896	(d) 5,172
MURELS										
Victoria								87	394	646
SQUID										
Victoria	19	25	32	53	47	48	118	110	141	196
Queensland	23	22	27	24	45	74	90	77	67	117
Western Australia	5	8	12	6	14	12	17	23	20	6
Australia	47	55	71	83	106	134	225	210	228	219
OCTOPUS										
Victoria							2	48	22	57
Western Australia								4	14	1
Australia							2	52	36	58
CUTTLEFISH										
Western Australia							57	60	34	7
TOTAL MOLLUSCS(c)										
New South Wales(f)	7,771	9,283	10,198	9,197	9,695	10,252	12,390	12,164	13,296	12,204
Victoria	114	96	47	57	89	165	206	336	719	964
Queensland	427	297	185	370	1,399	265	548	171	1,909	840
Western Australia	5	8	12	6	14	12	76	154	583	24
Tasmania	5,235	3,838	5,450	6,002	6,247	(g) 4,211	4,735	4,579	5,301	4,773
Northern Territory							(a)	(a)		10
Australia	11,552	13,522	15,892	15,632	17,444	14,905	17,955	19,204	21,808	18,813

No. 73.—Pearl-Shell and Trochus-Shell: Quantity of Take ('000 lb.)

State or Territory	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
PEARL-SHELL(a)										
Queensland(d)	1,109	965	896	1,142	1,127	1,131	889	1,082	1,821	860
Western Australia(e)	679	1,001	1,250	1,460	2,012	2,218	1,687	1,138	1,270	802
Northern Territory(b)	260	371	343	311	585	753	314	188	222	147
Australia	2,048	2,337	2,489	2,913	3,724	4,102	2,890	2,408	3,313	1,809
TROCHUS-SHELL										
Queensland(f)	2,229	3,046	2,775	2,101	1,900	1,207	887	847	309	457
Western Australia(e)	9	11	9	13	11	22	29	22	10	—
Australia	2,238	3,057	2,784	2,114	1,911	1,229	916	869	319	457

(a) Excludes pearl-shell taken by Japanese pearlers operating in Australian waters, the quantity of which was 813,000 lb. in 1961-62. (b) Season ended January of years shown. (c) Shell taken by Queensland luggers operating in Northern Territory waters is included in Queensland. (d) Season ended December of years shown. (e) Season ended January of years shown. (f) Season ended January of years shown.

No. 74.—Whaling Statistics(a): Australia

Source: Fisheries Division, Department of Primary Industry
Note.—Includes station based on Norfolk Island since 1956

Particulars	Unit	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Stations Operating	No.	4	5	5	5	5	5	5	5	5	5
Chasen Engaged	"	9	9	10	10	11	12	13	14	18	16
Persons Employed(c)	"	110	114	124	124	140	157	165	155	175	137
At Sea	"	390	420	433	396	431	440	468	445	260	179
Types of Whales Taken—	"										
Humpback	"	2,000	2,038	1,840	1,989	1,961	1,807	1,660	1,525	1,481	720
Blue	"	—	1	—	—	—	2	12	2	—	(d)
Brude	"	—	—	—	—	—	—	—	—	2	(d)
Sei	"	—	—	—	—	—	—	—	—	—	2
Fin	"	1	—	—	1	—	—	1	—	—	—
Sex of Whales Taken—	"										
Males	"	1,235	1,203	1,075	1,253	1,166	1,085	970	868	879	407
Females	"	761	825	764	737	794	727	701	659	602	315
Total Whales Taken(e)	"	2,001	2,039	1,840	1,990	1,961	1,812	1,673	1,527	1,483	(d) 722
Humpback Equivalent(f)	"	2,001	2,040	1,840	1,990	1,961	1,813	1,691	1,530	1,482	(d) 721
Quota of Whales(g)	"	2,000	2,040	1,840	1,990	1,960	2,080	1,850	1,560	1,560	1,470
Whale Oil Produced—	"										
Quantity	Barrel(g)	102,354	100,068	95,258	102,366	102,966	97,698	88,415	78,378	66,675	431,021
Value	£'000	1,535	1,658	1,667	1,835	1,820	1,424	1,326	1,136	972	(h) 362
Value of By-products (Meal, Meat, Solubles, &c.)	"	268	292	286	398	385	442	401	317	332	(h) 182
Average Production of Oil per Equivalent Humpback Whale	Barrel(g)	51.2	49.1	(h) 51.6	51.4	52.5	53.9	52.3	51.2	45.0	(h) 42.4
Average length of Whales Processed	ft.	40.0	39.8	40.8	41.1	40.7	40.8	40.3	40.3	38.7	38.0

(a) Excludes details of sperm whales taken off Western Australia. (b) Includes 1 tow-boat and 4 aircraft. (c) Excludes 4 blue and 2 brude whales taken under special permit for scientific research. (d) Excludes 5 whales in 1953, 11 in 1955, 1 in 1957 and 2 in 1961. (e) In terms of humpback whales, as determined by the Minister for Primary Industry. (f) For quota purposes, 1 blue whale is taken as equivalent of 2 blue, 2 humpback, 6 sei or 6 brude whales. Sperm whales are not subject to quota restrictions. (g) 6 barrels = 1 ton. (h) Taking into account whales taken for scientific research.

No. 75.—Fisheries: Boats and Equipment in Use, Persons Engaged, etc., 1961-62

Note.—These data are derived mainly from the licensing records of the various fishing authorities. Due to variations in definitions and licensing procedures, there is a lack of comparability between States. Boats and persons engaged in more than one type of fishing are classified according to their main activity. Hence boats and persons employed in more than one activity may be classified differently from year to year.

Particulars	Unit	New South Wales	Victoria	Queensland	South Australia	Western Australia(a)	Tasmania	Northern Territory	Australia
General Fisheries(b)—									
Boats Engaged	No.	2,702	794	1,648	1,650	1,119	514	33	8,460
Value of Boats and Equipment	£'000	2,762	1,623	1,940	1,700	3,711	1,124	39	12,899
Persons Engaged	No.	2,447	1,045	2,314	(c) 6,848	2,039	1,122	63	15,878
Edible Oyster Fisheries—									
Boats Engaged	"	1,302	(d)	46	—	1	(d)	(d)	1,349
Value of Boats and Equipment	£'000	467	(d)	17	—	(e)	(d)	(d)	484
Persons Engaged	"	480	(d)	107	—	6	(d)	(d)	993
Leases Granted	"	4,983	5	241	—	—	—	—	2
Length of Foreshore in Leases	'000 yds.	97	16	(f)	—	—	—	—	5
Area of Offshore Leases	Acres	6,710	330	(f)	—	—	—	—	(g) 7,040
Pearl, Pearl-Shell and Trochus-Shell Fisheries(b)—									
Boats Engaged	No.	—	—	35	—	17	—	3	56
Value of Boats and Equipment	£'000	—	—	155	—	82	—	18	254
Persons Engaged	No.	—	—	500	—	187	—	37	724
Total, All Fisheries—									
Boats Engaged	"	4,004	794	1,730	1,650	1,137	514	36	9,865
Value of Boats and Equipment	£'000	3,229	1,623	2,112	1,700	3,793	1,124	56	13,637
Persons Engaged	No.	3,327	1,045	2,921	6,848	2,232	1,122	100	17,595

(a) Year ended December, 1961. (b) Excludes edible oyster fisheries but includes crustacean and other mollusc fisheries. (c) Includes full-time and part-time licensed fishermen. (d) No boats or persons had oyster fishing as their main activity in 1961, see explanatory note above. (e) Less than 1,500. (f) Not available. (g) Excludes Queensland. (h) Excludes Japanese pearlers operating in Australian waters.

No. 76.—Fisheries: Boats and Equipment in Use, Persons Engaged, etc., Australia
See Note to Table No. 75

Particulars	Unit	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
General Fisheries(a)—											
Boats Engaged	No.	9,403	9,371	10,026	10,219	10,471	10,237	10,135	(b) 7,890	(b) 7,755	(b) 8,460
Value of Boats and Equipment	£'000	5,028	5,036	6,240	6,606	7,039	7,476	8,344	(b) 10,762	(b) 12,411	(b) 12,899
Persons Engaged	No.	17,396	18,591	19,080	20,622	21,702	20,871	21,015	(b) 13,319	(b) 14,555	(b) 15,878
Edible Oyster Fisheries(c)—											
Boats Engaged	"	1,079	978	1,104	810	1,031	1,070	1,122	1,213	1,449	1,349
Value of Boats and Equipment(d)	£'000	107	133	127	119	164	171	377	368	412	484
Persons Engaged	"	871	700	922	819	870	909	812	917	822	993
Leases Granted	"	5,543	5,034	5,660	5,474	5,432	5,042	4,965	4,897	5,085	5,231
Length of Foreshore in Leases(e)	'000 yds.	1,039	1,020	1,043	1,127	970	893	867	860	920	918
Area of Offshore Leases(e)	Acres	5,888	6,236	6,547	5,251	6,037	5,415	5,508	5,537	6,051	7,040
Pearl, Pearl-Shell and Trochus-Shell Fisheries(f)—											
Boats Engaged	No.	114	124	127	136	150	151	110	85	85	56
Value of Boats and Equipment	£'000	441	502	564	727	826	790	647	515	407	254
Persons Engaged	No.	1,152	1,386	1,506	1,571	1,742	1,487	1,419	1,120	995	724
Total, All Fisheries—											
Boats Engaged	"	10,596	10,575	11,257	11,165	11,652	11,458	11,367	9,188	9,250	9,865
Value of Boats and Equipment	£'000	5,576	6,771	6,931	7,432	8,029	8,437	9,368	11,645	13,290	13,637
Persons Engaged	No.	19,419	20,679	22,108	23,012	24,314	23,267	23,246	15,356	16,772	17,595

(a) Excludes edible oyster fisheries (except in Tasmania for years 1956-57 to 1958-59), but includes crustacean and other mollusc fisheries. (b) Figures for 1959-60, 1960-61 and 1961-62 not comparable with those for previous years for the following reasons:—In Queensland numbers of men employed and boats engaged now refer only to those licensed to take fish for sale, whereas previously all licensed men and boats were included. In South Australia boats and figures have been valued more realistically than in previous years. (c) Excludes particulars for Western Australia and Tasmania for years prior to 1954-55 and for the Northern Territory for all years except 1960-61 and 1961-62. (d) Figures for years prior to 1954-55 exclude the value of stakes, timber frames, &c., used on oyster leases in New South Wales. (e) Excludes Queensland. (f) Excludes Japanese pearlers operating in Australian waters.

No. 77.—Imports and Exports of Products of Fishing and Whaling: Australia

Particulars	1957-58		1958-59		1959-60		1960-61		1961-62		
	Quantity	Value £A. £o.b.	Quantity	Value £A. £o.b.	Quantity	Value £A. £o.b.	Quantity	Value £A. £o.b.	Quantity	Value £A. £o.b.	
IMPORTS											
Fish, Crustaceans and Molluscs—	'000 lb.		'000 lb.		'000 lb.		'000 lb.		'000 lb.		
<i>Fresh or Frozen(a)</i>	23,163	2,163,111	24,518	2,404,719	35,480	3,335,137	34,594	3,423,535	32,296	3,561,498	
<i>Smoked or Dried</i>	9,698	648,202	6,284	490,787	9,206	704,012	8,695	691,735	8,159	717,640	
<i>Potted or Concentrated(b)</i>	148	42,169	117	34,374	175	53,900	361	130,809	177	57,838	
Canned—											
Herrings	4,581	480,349	4,908	443,301	5,237	585,848	7,427	821,299	4,504	473,029	
Salmon	6,761	1,459,541	7,407	1,517,729	8,129	1,902,741	10,398	2,775,185	9,370	2,211,294	
Sardines and Pilchards	4,381	826,225	4,456	829,025	6,148	1,057,937	7,598	1,241,017	5,459	884,302	
Tuna	61	9,899	62	11,802	36	8,997	424	62,372	709	95,558	
Other Fish	727	166,145	269	66,428	310	70,467	812	110,354	1,251	146,620	
Crustaceans and Molluscs	666	217,866	594	193,879	533	170,427	834	297,989	736	275,836	
Total Canned	17,117	3,094,015	16,796	3,062,164	20,413	3,796,817	27,493	5,308,216	22,029	4,686,647	
Fisheries Products, not elsewhere included		198,080		148,359		157,051		138,943		112,214	
Total Fisheries Products		6,145,577		6,140,403		8,046,917		9,693,238		8,535,787	
Marine Animal Oils—	'000 gal.		'000 gal.		'000 gal.		'000 gal.		'000 gal.		
Whale(c)	335	153,270	318	125,288	354	136,878	486	189,779	497	209,384	
Other	152	107,243	176	106,438	234	129,494	287	148,076	230	123,570	
Total	487	260,513	494	231,726	588	266,372	773	337,855	727	332,954	
Shells, Unmanufactured	cwt.	2,674	cwt.	2,023	cwt.	1,392	cwt.	1,022	cwt.	858	
		46,079		43,501		18,106		9,739		14,365	
EXPORTS											
Fish, Crustaceans and Molluscs—	'000 lb.		'000 lb.		'000 lb.		'000 lb.		'000 lb.		
Australian Produce—											
<i>Fresh and Frozen(a)</i>	5,802	2,488,782	7,280	3,201,940	7,777	3,809,368	6,023	3,401,226	9,875	6,020,297	
Crayfish Tails											
Crayfish, Whole	774	201,939	1,377	358,626	779	292,403	1,783	649,166	513	173,095	
Other							1,759	266,359	1,546	231,906	
Canned—											
Salmon	36	5,219	44	4,407	22	4,044	21	4,553	30	6,224	
Other Fish	331	65,791	372	69,882	63	8,432	114	13,896	130	16,273	
Crustaceans and Molluscs	76	22,636	70	17,228	69	25,983	97	42,658	57	17,072	
Total Canned	443	93,646	486	91,517	154	38,459	232	61,107	217	39,569	
Fisheries Products, not elsewhere included											
Total Australian Produce				1,952		22,136		1,619		2,948	
Re-exports		2,785,034		3,654,035		4,162,366		4,379,477		6,467,815	
Total Fish, Crustaceans and Molluscs		23,770		21,283		33,183		18,187		25,729	
Total		2,808,804		3,675,318		4,195,549		4,397,664		6,493,544	
Marine Animal Oils—	'000 gal.		'000 gal.		'000 gal.		'000 gal.		'000 gal.		
Australian Produce—											
Whale	4,022	1,672,529	3,373	1,143,967	3,056	893,311	2,298	865,066	1,900	671,010	
Other	3	22,382	30	11,450	6	5,836	6	18,366	10	47,525	
Total Australian Produce		4,025	1,694,911	3,403	1,155,617	3,062	899,147	2,304	883,372	1,910	718,535
Re-exports	(d)	229	(d)	286	(d)	858	(d)	1,538	(d)	1,132	
Total Marine Animal Oils		4,025	1,695,140	3,403	1,155,903	3,062	900,065	2,305	884,910	1,910	719,667
Shells, Unmanufactured—	cwt.		cwt.		cwt.		cwt.		cwt.		
Australian Produce—											
Pearl	34,781	1,031,223	23,696	570,491	23,143	628,358	27,581	661,364	17,849	383,716	
Trochus	13,260	228,319	11,158	187,145	7,562	103,517	4,065	45,681	5,065	44,524	
Other	673	11,115	279	3,503	215	5,583	85	1,943	193	4,402	
Total Australian Produce		48,654	1,270,657	35,133	761,139	30,920	737,456	31,731	708,988	23,107	432,242
Re-exports		1,590	29,187	3,367	71,204	973	14,726	675	8,304	685	9,690
Total Unmanufactured Shells		50,244	1,299,844	38,500	832,343	31,893	752,184	32,406	717,292	23,792	441,932

(a) Excludes frozen smoked, which is included with "Smoked and Dried" for imports and with "Fisheries Products, not elsewhere included" for exports.
 (b) Includes extracts and larvae.
 (c) Principally imports from Norfolk Island.
 (d) Less than 500 gal.

B.—VALUE OF PRODUCTION

(i) SCOPE OF STATISTICS

The statistics contained in this section of the Bulletin are compiled annually in a substantially uniform manner for all States and for Australia as a whole. They include:—Gross, local and net value of production for all primary industries; (net) value of production for factories; total and unit gross values of individual rural products (crops and livestock products); total local values of individual rural products; and rural production price index numbers.

(ii) SOURCES OF STATISTICS

Value of production statistics for primary industries are computed by the Statisticians in each State, in accordance with the decisions reached at Conferences of Australian Statisticians, principally that held in 1935. The data used are those concerning quantity of primary production (see Part I. of the Bulletin *Primary Industries* and Section A. of this part of the Bulletin), together with information collected from various sources on prices realized in the principal markets for the different products, the costs of marketing those products and the costs of certain materials used in their production.

The method of collection of the prices realized for and the costs of marketing of the products of rural industries varies considerably between States and products. Where a statutory authority handles marketing of the whole or portion of a primary product in any State (e.g. Australian Wheat Board, Dairy Produce Equalization Committee Ltd., Australian Egg Board) data are usually obtained from this source. Other information is obtained from market reports, from special returns collected from wholesalers, brokers, auctioneers and in some cases from farms, from annual factory returns (showing cost of raw material delivered to factory) from various transport records and from overseas trade statistics. There is also considerable variation between States and industries in the method of collecting information on costs of materials used in the process of production (no attempt being made to allocate these costs to individual products). In addition, accurate information on certain costs and for particular products or industries is very difficult to obtain. As a result the differences between States in the relationship of local to gross values (by industry and by individual product) and net to gross values (by industry) should be treated with some reserve.

For calculating value of production of the non-rural primary industries, information is obtained, in the case of trapping, forestry, and fishing and whaling, in the main from annual factory returns (showing cost of raw materials delivered to factory), overseas trade statistics and from State Forestry and Fisheries Authorities. In the case of mining and quarrying, commencing with 1952-53, data have been obtained from an annual census of Mines and Quarries. Prior to 1952-53, value of production of mines and quarries was calculated from information obtained from Mining Censuses in some States and data collected by State Mines Departments.

The value of production for factories, which in certain tables is added in with the net value of primary industries, is compiled by State Statisticians from annual factory returns. For detailed factory statistics, the definition of a "factory" for statistical purposes and other information on the annual factory return, see the Bulletin *Secondary Industries*.

(iii) PERIOD COVERED

A detailed account of the period covered for individual rural industries is given in Part I. of this Bulletin. Except in the case of mining and quarrying, statistics for the non-rural industries included in this section refer to the year ended 30th June. Statistics for mining and quarrying relate, in most cases, to the year ended 31st December of the first year shown. For all primary industries, values are in respect of production during the year (or season) irrespective of whether or when that production is actually marketed or when payments are made. For that portion of production not marketed (e.g. hay grown on farm for own use, milk used in farm household, &c.) estimates are made from the best available data.

(iv) DEFINITIONS AND EXPLANATORY NOTES

Primary Industries.—The following are definitions of the terms used:—

Gross Value of Production.—The value placed on recorded production at the wholesale prices realized in the principal markets. (In cases where primary products are consumed locally, or where they become raw material for a secondary industry, these points are presumed to be the principal markets.)

Marketing Costs.—Freight, cost of containers, commission and other charges incurred in marketing.

Local Value of Production (i.e. gross production valued at place of production).—The Gross Value of Production less Marketing Costs.

Value of Materials Used in Process of Production.—Power, power kerosene, petrol and other oils, seed used, fodder consumed by farm stock, manures, dips and sprays and other selected costs of a similar nature.

Net Value of Production.—The Local Value of Production less the Value of Materials Used in Process of Production. (No deductions have been made for depreciation or certain maintenance charges as particulars are not available for all States.)

Gross and Local Values of primary production involve some duplication as they include the products of certain primary industries which are consumed as raw materials by other industries in the group (e.g. hay consumed by livestock). Furthermore, many of the materials consumed by primary industries are the products of secondary industry. However, duplication has been eliminated in calculating the Net Value of primary production by deducting the value of both primary and secondary products consumed by primary industries. Therefore, Net Value of primary production should be used when comparing or combining values for primary industries with those for secondary industries.

The following qualifications concerning the figures shown for Value of Materials Used in Process of Production and Net Value of Production should be noted:—

- (a) No allowance for the use of power, power kerosene, petrol and other oils has been made in New South Wales in all years shown or in Tasmania from 1942-43 to 1957-58. In the case of Mining and Quarrying however this allowance has been made throughout.
- (b) Queensland, South Australia and Tasmania were the only States where estimates of value of materials other than feed were made for the Poultry Industry for 1958-59. Prior to 1958-59, these data are only available for Queensland and South Australia (1957-58 only).
- (c) In the case of Bee-farming an estimate of value of materials used for South Australia was made from 1957-58 to 1959-60. Estimates are not made for other States.
- (d) No data are available concerning value of materials used for trapping, forestry and fishing and whaling.

Factories.—Value of Production is defined as the value added to raw materials by the process of manufacture and this corresponds to net value of production for primary industries. It is calculated by deducting from the value (at the factory) of the goods manufactured, the value of materials used, containers and packing, power, fuel and light used, tools replaced and materials used in repairs to plant (but not depreciation charges).

In the process of manufacture, the output of one factory may become the raw material of another and aggregations of values of factory output therefore involve considerable duplication. However, in arriving at the value of production of all factories, i.e. value added by the process of manufacture, no duplication occurs as the value added by each factory is taken into account once only. Because of this, and as much of the output of primary industry becomes raw material of secondary industries, value of factory production (as defined herein) should be used when comparing or combining values for secondary industries with those for primary industries.

Unit Values.—These have been calculated for principal rural products by dividing the total quantity produced into the total gross value of production for each product. They therefore represent weighted average "prices" in all markets (including the farm itself where quantities are retained for farm use) for the product.

Inter-year Comparisons.—Except in the case of mining and quarrying, details for the Australian Capital Territory and the Northern Territory are not included for years prior to 1954-55, thus affecting the comparison with earlier years. However, the influence of the two Territories in most cases is small—the pastoral industry is the one chiefly affected—and the different basis between years has been ignored.

In the case of mining and quarrying, details have been included for the Northern Territory since 1952-53 and for the Australian Capital Territory since 1953-54.

Weights and Measures.—For details of the weights and measures used in calculating unit values see Part I. of this Bulletin.

(5) OTHER RELEVANT PUBLICATIONS

Early information on values of production are published in the mimeographed statistical bulletins *Value of Primary Production, Australia, (Preliminary Statement)*, and *Value of Production and Indexes of Price and Quantity of Farm Production* which are prepared and published as soon as possible after the data have been compiled. The *Quarterly Summary of Australian Statistics* contains summary tables on the Net Value of Production.

SECTION IV.—VALUE OF PRODUCTION (GENERAL)

No. 78.—Gross, Local and Net Value of Recorded Production(a); Primary Industries, 1961-62 (£'000)

State	Gross Production valued at principal markets	Marketing Costs	Gross Production valued at farm or at place of production	Value of materials used in process of production(b)	Net Value of Production (without deduction of depreciation or maintenance)(b)
RURAL INDUSTRIES					
AGRICULTURE					
New South Wales	127,352	24,431	102,921	9,063	93,858
Victoria	115,112	16,374	98,738	10,491	88,245
Queensland	105,275	12,517	92,758	17,662	75,076
South Australia	62,011	7,454	54,557	9,090	45,467
Western Australia	74,383	9,526	64,857	13,532	51,325
Tasmania	19,835	4,895	14,940	2,595	12,345
Northern Territory	75	(c)	75	(c)	75
Australian Capital Territory	129	12	117	5	112
Australia	504,172	75,209	428,963	62,460	366,503
PASTORAL					
New South Wales	218,914	18,799	200,115	17,113	183,002
Victoria	143,880	16,906	126,974	11,446	115,528
Queensland	106,198	9,478	96,720	10,271	86,449
South Australia	55,925	4,098	51,827	6,199	45,628
Western Australia	52,655	4,035	48,620	7,292	41,328
Tasmania	11,655	792	10,863	5,009	5,854
Northern Territory	3,357	752	2,605	(c)	2,605
Australian Capital Territory	1,075	50	1,025	81	944
Australia	593,659	54,910	538,749	57,411	481,338
DAIRYING					
New South Wales	66,748	10,994	55,754	6,087	49,667
Victoria	71,588	3,321	68,267	24,745	43,522
Queensland	33,012	1,692	31,320	9,269	22,051
South Australia	14,924	294	14,630	4,704	9,926
Western Australia	9,244	508	8,736	9,435	4,370
Tasmania	9,777	439	9,338	2,556	6,782
Northern Territory	19	(c)	19	(c)	19
Australian Capital Territory	724	12	712	52	660
Australia	206,236	17,760	188,476	52,479	136,497
POULTRY					
New South Wales	24,428	4,369	20,059	11,414	8,645
Victoria	21,103	2,780	18,323	7,884	12,439
Queensland	4,672	872	3,800	2,337	1,463
South Australia	3,544	589	2,955	2,007	948
Western Australia	2,987	432	2,555	1,951	604
Tasmania	1,843	184	1,659	1,110	549
Northern Territory	97	(c)	97	(c)	97
Australian Capital Territory	187	22	165	38	127
Australia	60,861	9,248	51,613	26,741	24,872
BEE-FARMING					
New South Wales	707	117	590	(d)	590
Victoria	625	210	415	(e)	415
Queensland	58	9	49	(e)	49
South Australia	321	35	286	(e)	286
Western Australia	269	21	248	(e)	248
Tasmania	25	2	23	(e)	23
Northern Territory	2	(c)	2	(c)	2
Australian Capital Territory	2	(c)	2	(c)	2
Australia	2,007	394	1,613	(c)	1,613
TOTAL RURAL					
New South Wales	438,149	58,710	379,439	43,677	335,762
Victoria	354,308	39,591	314,717	54,568	260,149
Queensland	249,215	24,568	224,647	39,559	185,088
South Australia	136,725	12,470	124,255	22,000	102,255
Western Australia	140,238	14,522	125,716	27,841	97,875
Tasmania	43,135	6,312	36,823	11,270	25,553
Northern Territory	3,548	752	2,796	(c)	2,796
Australian Capital Territory	1,617	96	1,521	176	1,345
Australia	1,366,935	157,021	1,209,914	199,091	1,010,823

For footnotes see next page.

No. 78.—Gross, Local and Net Value of Recorded Production(a): Primary Industries, 1961-62—continued
(£'000)

State	Gross Production valued at principal markets	Marketing Costs	Gross Production valued at farm or at place of production	Value of material and in process of production(b)	Net Value of Production (with deduction of depreciation or maintenance)(c)
NON-RURAL INDUSTRIES					
TRAPPING					
New South Wales	2,428	361	2,065	(d)	2,065
Victoria	3,024	214	2,810	(e)	2,810
Queensland	279	24	255	(f)	255
South Australia	397	54	343	(g)	343
Western Australia	256	70	186	(h)	186
Tasmania	178	13	165	(i)	165
Northern Territory	64	(j)	64	(k)	64
Australian Capital Territory					
Australia	6,626	738	5,888	(l)	5,888
FORESTRY					
New South Wales	14,790	359	14,431	(d)	14,431
Victoria	17,965	1,516	16,449	(e)	16,449
Queensland	7,914	2,019	5,895	(f)	5,895
South Australia	3,761	30	3,731	(g)	3,731
Western Australia	5,552	361	5,191	(h)	5,191
Tasmania	5,860	770	5,090	(i)	5,090
Northern Territory	24	(j)	24	(k)	24
Australian Capital Territory	124	(l)	124	(m)	124
Australia	55,992	5,055	50,937	(n)	50,937
FISHING AND WHALING					
New South Wales	3,871	583	3,288	(d)	3,288
Victoria	2,016	275	1,741	(e)	1,741
Queensland	1,834	201	1,633	(f)	1,633
South Australia	1,590	211	1,379	(g)	1,379
Western Australia	5,345	54	5,291	(h)	5,291
Tasmania	1,147	238	909	(i)	909
Northern Territory	53	(j)	53	(k)	53
Australian Capital Territory					
Australia	15,856	1,562	14,294	(l)	14,294
MINING AND QUARRYING					
New South Wales	78,171	(d)	78,171	(e)	60,684
Victoria	21,254	(f)	21,254	(g)	17,286
Queensland	12,220	(h)	12,220	(i)	23,434
South Australia	15,912	(j)	15,912	(k)	13,103
Western Australia	22,496	(l)	22,496	(m)	15,553
Tasmania	7,959	(n)	7,959	(o)	5,203
Northern Territory	(f)	(f)	(f)	(f)	(f)
Australian Capital Territory	(f)	(f)	(f)	(f)	(f)
Australia	181,378	(p)	181,378	(q)	138,052
TOTAL NON-RURAL					
New South Wales	99,290	(r)	97,955	(s)	80,468
Victoria	44,259	(t)	42,254	(u)	38,286
Queensland	42,247	(v)	40,003	(w)	31,217
South Australia	21,602	(x)	21,367	(y)	18,558
Western Australia	33,640	(z)	33,425	(aa)	24,809
Tasmania	15,144	(ab)	14,123	(ac)	11,367
Northern Territory	(f)	(f)	(f)	(f)	(f)
Australian Capital Territory	(f)	(f)	(f)	(f)	(f)
Australia	259,852	(ad)	252,497	(ae)	209,171
TOTAL ALL PRIMARY INDUSTRIES					
New South Wales	537,409	60,615	477,394	61,164	416,230
Victoria	398,567	41,596	356,971	58,536	298,435
Queensland	291,462	26,812	264,650	48,345	216,305
South Australia	158,187	12,765	145,422	24,809	120,613
Western Australia	173,987	15,007	158,980	34,784	124,096
Tasmania	58,279	7,333	50,946	14,026	36,920
Northern Territory	(f)	(f)	(f)	(f)	(f)
Australian Capital Territory	(f)	(f)	(f)	(f)	(f)
Australia	1,626,787	164,376	1,462,411	242,417	1,219,994

(a) Includes amounts paid as bounty, relief, &c. (b) See notes under Section (iv), page 61. (c) Not available. (d) Gross value at place of production. (e) Includes value of material used in process of production for Bee-farming. (f) Not available for publication. (g) Excludes marketing costs for mining and quarrying. (h) Mining and Quarrying only. (i) Excludes marketing costs for mining and quarrying.

No. 79.—Gross Value of Production: Primary Industries(a)
(£'000)

State	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
RURAL INDUSTRIES										
AGRICULTURE										
New South Wales	89,931	91,718	70,388	89,671	67,435	62,091	114,399	109,465	114,198	127,352
Victoria	93,350	89,374	84,305	85,902	86,141	88,198	101,050	92,411	132,918	115,112
Queensland	71,124	73,491	77,931	76,248	81,014	85,767	95,655	91,677	101,720	105,275
South Australia	60,580	57,872	52,457	55,285	64,997	45,044	70,429	35,546	80,718	62,011
Western Australia	41,563	43,267	38,582	34,955	40,085	43,646	63,136	65,525	70,602	74,383
Tasmania	15,411	14,223	15,607	19,774	12,244	15,891	14,316	15,489	15,895	19,835
Total	382,959	371,962	339,635	384,917	352,148	340,846	459,892	410,354	535,681	504,172
PASTORAL(b)										
New South Wales	226,312	224,183	197,213	185,617	258,180	191,361	190,207	229,653	196,544	218,914
Victoria	124,305	123,226	130,681	123,757	149,880	137,854	134,015	160,138	139,414	143,880
Queensland	96,142	96,139	93,388	96,950	126,358	97,102	107,989	116,908	114,007	106,198
South Australia	54,577	52,975	50,530	50,461	69,059	45,514	49,468	61,675	47,223	55,025
Western Australia	45,319	50,783	43,717	44,646	56,442	47,059	40,820	50,128	50,525	52,655
Tasmania	10,840	10,347	10,781	10,123	13,849	11,825	11,044	13,382	11,509	11,655
Total	557,495	557,653	529,368	518,083	678,070	544,918	538,648	637,594	565,281	591,659
DAIRYING										
New South Wales	55,723	55,106	57,426	60,213	57,659	59,437	67,830	70,560	65,977	66,748
Victoria	51,865	57,710	63,001	70,094	66,310	65,431	65,364	70,471	72,004	71,588
Queensland	36,138	34,084	34,296	35,362	32,592	29,492	33,549	37,168	32,177	33,012
South Australia	11,764	12,119	12,519	15,413	14,502	13,192	16,051	14,727	15,153	14,924
Western Australia	7,671	7,999	8,171	8,447	8,894	9,843	8,692	9,5	9,974	9,944
Tasmania	5,700	6,509	7,319	8,075	8,150	8,492	8,688	9,935	9,244	9,777
Total	168,861	173,547	181,929	197,828	188,411	185,327	200,339	212,696	204,756	206,236
POULTRY										
New South Wales	22,252	22,036	20,765	21,783	23,247	21,786	21,892	24,314	27,515	24,428
Victoria	21,824	21,705	19,824	20,930	20,845	22,816	21,707	24,062	24,877	23,103
Queensland	2,317	2,411	2,535	2,620	2,673	2,633	2,887	3,305	4,117	4,672
South Australia	3,815	4,092	3,964	3,937	3,702	3,701	3,671	3,615	3,766	3,544
Western Australia	2,858	2,930	2,605	2,553	2,441	2,443	2,489	2,574	2,820	2,987
Tasmania	1,802	1,791	1,711	1,736	1,843	1,891	1,915	1,740	1,765	1,843
Total	54,868	54,965	51,485	53,803	54,997	55,468	54,778	59,837	65,094	60,861
BEE-FARMING										
New South Wales	400	517	816	849	995	862	699	1,199	862	707
Victoria	305	465	407	464	619	450	556	629	551	625
Queensland	102	143	80	116	180	82	101	204	84	58
South Australia	255	211	142	267	423	215	284	312	181	321
Western Australia	116	234	106	217	285	264	237	178	165	269
Tasmania	19	23	16	19	26	35	27	34	37	25
Total	1,197	1,593	1,598	1,933	2,530	1,911	1,907	2,545	1,883	2,007
TOTAL RURAL(c)										
New South Wales	394,618	395,577	346,808	358,133	407,536	335,537	395,227	435,191	425,096	438,149
Victoria	291,649	292,500	297,248	304,147	323,815	314,749	322,600	347,711	369,764	354,308
Queensland	205,823	206,268	208,230	211,296	241,047	215,076	219,281	249,352	252,105	249,215
South Australia	139,991	127,269	119,512	125,343	152,683	117,668	140,903	115,875	147,043	136,725
Western Australia	99,527	104,213	91,181	110,718	108,147	102,485	115,574	128,001	133,486	140,238
Tasmania	33,772	32,893	35,434	39,727	36,142	38,141	36,190	40,570	38,450	43,135
Total	1,165,380	1,159,720	1,104,015	1,156,584	1,276,156	1,128,470	1,254,964	1,323,026	1,372,696	1,366,935

For footnotes see next page.

NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

No. 79.—Gross Value of Production: Primary Industries(a)—continued
(£'000)

State	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
NON-RURAL INDUSTRIES										
TRAPPING										
New South Wales	2,139	2,096	2,256	2,113	1,873	2,188	2,341	2,614	2,747	2,428
Victoria	2,970	2,227	2,315	3,422	3,588	3,621	3,749	3,749	3,156	3,024
Queensland	144	341	160	161	193	243	217	388	337	279
South Australia	601	559	510	562	743	564	527	514	608	397
Western Australia	230	304	168	180	139	88	63	144	289	256
Tasmania	209	236	179	232	156	125	145	307	219	178
Total	6,284	5,763	5,613	6,693	6,697	6,833	7,157	7,721	7,409	6,626
FORESTRY										
New South Wales	14,090	13,315	14,166	15,774	17,261	15,766	15,863	15,390	15,816	14,790
Victoria	9,620	12,476	13,268	14,423	15,168	16,274	17,525	19,111	18,232	17,965
Queensland	8,302	9,117	8,717	9,499	10,432	10,335	9,256	9,397	9,670	7,914
South Australia	3,939	4,509	4,603	4,736	4,173	3,711	4,227	4,033	3,756	3,763
Western Australia	3,578	3,839	4,058	5,237	5,153	5,523	5,451	5,460	5,541	5,552
Tasmania	3,777	4,085	4,573	5,174	5,198	5,234	5,631	6,276	6,566	5,860
Total	43,306	47,341	49,563	55,023	57,600	57,071	58,190	59,842	59,763	55,992
FISHING AND WHALING										
New South Wales	2,704	3,179	3,268	3,097	3,376	3,198	3,413	3,600	3,847	3,871
Victoria	894	986	1,002	871	1,381	1,294	1,433	2,045	2,064	2,016
Queensland	1,104	1,221	1,436	1,640	1,777	1,752	1,530	1,665	1,588	1,834
South Australia	960	1,143	1,178	1,120	1,456	1,233	1,230	1,125	1,425	1,590
Western Australia	1,643	1,904	2,192	2,457	2,782	3,265	3,909	4,311	4,285	5,345
Tasmania(c)	606	432	556	505	609	508	664	806	960	1,147
Total	7,911	8,865	9,745	9,788	11,554	11,406	12,265	13,623	14,254	15,856
MINING AND QUARRYING(d)										
New South Wales	77,097	72,346	78,202	84,244	88,790	83,170	71,414	71,090	79,641	78,171
Victoria	8,535	9,329	10,080	10,917	11,891	12,728	13,694	14,935	16,267	21,254
Queensland	17,429	17,284	21,602	26,892	30,204	25,576	27,632	33,329	37,608	32,220
South Australia	6,047	6,203	8,580	10,512	11,910	11,872	12,308	13,209	13,952	15,912
Western Australia	17,764	20,611	20,736	19,746	20,230	20,979	20,777	21,787	22,166	22,496
Tasmania	8,750	8,037	8,955	10,744	10,555	8,421	7,358	7,639	8,067	7,959
Total	136,844	134,542	149,403	164,871	176,320	165,111	155,955	164,985	181,240	181,378
TOTAL NON-RURAL INDUSTRIES(d)										
New South Wales	96,030	90,936	97,892	105,228	111,300	104,322	93,031	92,694	102,051	99,260
Victoria	22,019	25,018	26,665	29,633	32,028	33,917	36,514	39,840	39,719	44,259
Queensland	26,979	27,963	31,915	38,201	42,606	37,906	38,635	44,779	49,203	42,247
South Australia	11,547	12,414	14,871	16,930	18,282	17,380	18,292	18,881	19,741	21,662
Western Australia	23,155	26,058	27,154	27,620	28,304	29,855	30,200	31,702	32,381	33,649
Tasmania	13,333	12,790	14,263	16,655	16,518	14,288	13,798	15,028	15,812	15,144
Total	194,345	196,511	214,324	236,375	252,171	240,421	233,567	246,171	262,666	259,852
TOTAL ALL PRIMARY INDUSTRIES(b)(d)										
New South Wales	490,648	486,513	444,700	463,361	518,836	439,859	488,258	527,885	527,147	537,409
Victoria	313,668	317,518	323,913	333,780	355,843	348,666	359,114	387,551	409,483	398,567
Queensland	232,802	234,231	240,145	251,497	285,653	252,982	277,916	294,131	301,308	291,462
South Australia	151,538	139,683	134,383	142,273	170,965	135,048	158,205	134,756	166,784	158,387
Western Australia	122,682	131,271	120,335	138,338	136,451	132,310	145,774	159,703	165,767	173,887
Tasmania	47,105	45,683	49,697	56,382	52,660	52,429	49,988	55,598	54,262	58,279
Total	1,359,725	1,356,231	1,318,339	1,392,959	1,528,327	1,368,891	1,488,531	1,569,197	1,635,362	1,626,787

(a) Valued at principal markets. Includes amounts paid as bounty, relief, &c. Northern Territory and the Australian Capital Territory are included in totals from 1954-55, but are not available for earlier years, except for Mining and Quarrying. For that industry Northern Territory is included for all years and Australian Capital Territory from 1953-54. (b) Payments to woolgrowers of profits from the war-time wool disposal plan, which were virtually completed by 30th June, 1959, have been excluded. (c) Prior to 1959-60 gross value at principal market was not available, and gross value at place of production is shown for these years. (d) Includes local value for Mining and Quarrying.

No. 80.—Net Value of Production of Primary Industries and Factories(a): New South Wales

Note.—Depreciation and certain maintenance costs have not been deducted

Year	Agriculture(b)	Pastoral(c)(e)	Dairying(h)	Poultry	Beef-farming(d)	Total Rural(f)	Trooping(g)	Forestry(i)	Fishing and Whaling(j)	Mining and Quarrying	Total Non-Rural	Total, All Primary(k)	Factories	Total Primary Industries and Factories
TOTAL NET VALUE OF RECORDED PRODUCTION (£'000)														
1942-43	24,444	38,212	13,425	3,205	49	79,726	1,534	3,155	830	12,897	14,416	98,142	153,682	251,824
1943-44	27,916	42,590	13,481	4,431	196	85,608	1,026	3,285	728	13,158	20,197	108,805	162,726	271,531
1944-45	17,459	37,452	14,137	5,715	228	75,031	2,727	3,321	1,023	20,208	9,239	159,875	255,114	415,000
1945-46	39,345	34,043	15,590	5,887	119	94,984	4,142	3,745	1,046	13,116	22,944	127,031	153,179	280,212
1946-47	20,351	52,666	14,834	6,073	272	94,196	4,632	3,502	1,302	16,216	26,948	121,144	186,546	307,690
1947-48	79,308	73,757	18,443	6,956	293	178,757	2,528	5,741	1,224	22,285	31,778	210,535	218,811	429,346
1948-49	46,205	95,640	20,066	8,123	782	170,836	2,729	6,561	1,479	28,198	38,967	209,863	251,199	461,062
1949-50	69,078	140,027	24,477	9,185	280	243,048	1,816	7,185	1,449	30,191	40,641	283,689	283,201	566,890
1950-51	44,492	302,642	28,169	10,385	298	385,986	2,466	8,966	1,730	39,634	52,796	438,782	365,109	804,891
1951-52	58,333	154,386	30,525	13,729	254	257,227	2,069	12,461	1,821	59,183	75,736	332,963	443,391	776,354
1952-53	66,623	206,872	45,668	14,615	359	334,137	1,793	13,692	2,333	63,166	80,884	415,021	457,742	872,763
1953-54	68,342	202,439	43,598	14,923	464	329,766	1,748	12,965	2,642	38,042	75,387	405,153	520,043	925,196
1954-55	48,711	175,446	44,748	12,819	736	322,480	1,923	13,686	2,739	63,965	82,313	364,793	583,127	947,920
1955-56	63,647	163,287	49,469	12,760	771	289,934	1,822	15,343	2,684	69,262	89,111	379,045	644,086	1,023,131
1956-57	48,425	231,674	45,355	11,592	905	337,951	1,602	16,758	2,939	72,053	93,352	431,303	706,799	1,138,102
1957-58	44,754	157,679	44,941	9,866	764	257,944	1,851	15,341	2,792	66,091	86,277	344,019	777,862	1,101,881
1958-59	62,472	162,366	51,795	10,664	618	309,915	1,961	15,574	2,947	55,801	78,283	386,198	805,315	1,191,513
1959-60	78,518	198,380	55,963	12,292	1,030	346,183	2,204	15,169	3,101	56,331	79,805	425,998	916,446	1,342,445
1960-61	98,171	159,960	50,239	12,971	723	322,064	2,312	15,900	3,299	63,214	84,123	406,189	966,756	1,372,945
1961-62	93,858	183,002	49,667	8,645	590	335,762	2,065	14,431	3,288	60,684	80,468	416,230	966,421	1,382,651

NET VALUE OF RECORDED PRODUCTION PER HEAD OF MEAN POPULATION (£ s.)

1942-43	8 12	13 9	4 17	1 2	0 0	28 0	0 11	1 2	0 6	4 11	6 10	34 10	54 0	88 10
1943-44	9 14	14 17	4 14	1 11	0 1	30 17	1 1	1 3	0 5	4 12	7 1	37 14	56 13	94 11
1944-45	6 1	12 18	4 17	1 19	0 2	25 17	0 19	1 3	0 7	4 11	7 0	32 17	55 2	87 19
1945-46	13 9	11 12	5 6	2 0	0 1	32 8	1 8	1 6	0 7	4 9	7 10	39 14	52 5	92 3
1946-47	6 17	17 16	5 0	2 1	0 2	31 16	1 11	1 10	0 9	5 12	9 2	40 18	62 19	103 17
1947-48	26 8	24 12	6 3	2 6	0 2	59 11	0 17	1 18	0 8	7 8	10 11	70 2	72 17	142 19
1948-49	15 3	31 8	6 12	2 13	0 5	56 1	0 18	2 3	0 9	9 5	12 15	68 16	82 8	151 4
1949-50	21 19	44 10	7 16	2 18	0 2	77 5	0 11	2 6	0 9	9 12	12 18	90 1	90 1	180 4
1950-51	13 15	93 9	8 14	3 4	0 2	119 4	0 15	2 15	0 11	12 5	16 6	135 10	113 1	248 11
1951-52	17 12	46 12	9 4	4 3	0 2	77 13	0 12	3 15	0 11	17 19	22 17	100 10	133 18	234 8
1952-53	19 16	61 9	13 11	4 7	0 2	99 5	0 11	4 1	0 13	18 15	24 0	123 5	136 0	259 5
1953-54	20 1	59 9	12 16	4 8	0 3	96 17	0 11	3 16	0 15	17 1	22 3	119 0	152 14	271 14
1954-55	14 2	50 14	12 19	3 14	0 4	81 13	0 11	3 19	0 16	18 10	25 16	105 9	164 11	274 0
1955-56	18 1	46 6	14 1	3 13	0 4	82 5	0 11	4 7	0 15	19 13	25 6	107 11	182 14	290 7
1956-57	13 10	64 11	12 13	3 4	0 5	94 3	0 9	4 13	0 16	20 2	26 0	120 3	196 19	317 2
1957-58	12 4	43 2	12 5	2 14	0 4	70 9	0 10	4 4	0 15	18 1	23 10	93 19	207 1	301 0
1958-59	22 2	43 11	14 9	2 17	0 3	83 2	0 11	4 4	0 16	14 19	20 10	103 12	215 19	319 11
1959-60	20 14	52 5	14 15	3 5	0 5	91 4	0 11	4 0	0 16	14 17	20 4	111 8	241 8	352 16
1960-61	25 7	41 5	12 19	3 7	0 4	83 2	0 12	3 19	0 17	16 6	21 14	104 16	249 9	354 5
1961-62	23 15	46 7	12 12	2 4	0 3	85 1	0 11	3 13	0 17	15 7	20 8	105 9	244 15	350 4

(a) Includes amounts paid as bounty, relief, &c. See also under Section (iv) page 61. (b) No deduction made for costs of power, power kerrosine, petrol, and other oils. (c) Profits from the 1939-45 war-time disposal plan, which were virtually completed by 30th June, 1959, have been excluded both from years in which the wool was produced and from years in which payments to wool growers were made. (d) Local values.

No. 81.—Net Value of Production of Primary Industries and Factories (a): Victoria

NOTE.—Depreciation and certain maintenance costs have not been deducted.

Year	Agriculture	Pastoral(b)	Dairying	Poultry	Beef-farming(c)	Total Rural	Trapping(c)	Forestry	Fishing and Whaling(c)	Mining and Quarrying	Total Non-Rural	Total All Primary	Factories	Total, Primary Industries and Factories
TOTAL NET VALUE OF RECORDED PRODUCTION (£'000)														
1942-43	20,092	24,767	12,466	4,808	130	62,173	1,462	1,858	377	1,884	5,581	67,754	121,191	189,145
1943-44	16,430	26,132	13,837	5,152	73	61,624	2,784	1,952	346	1,544	6,626	68,250	121,330	191,580
1944-45	14,901	24,446	14,671	5,593	121	59,732	2,521	2,172	339	1,548	6,580	66,312	122,377	188,689
1945-46	22,431	18,098	15,032	5,666	115	61,342	3,174	2,411	466	1,735	7,786	69,128	120,250	189,378
1946-47	33,024	28,639	18,018	5,358	256	85,315	3,037	2,946	535	2,054	8,572	93,887	131,496	225,383
1947-48	49,876	42,753	19,916	5,975	196	118,716	3,435	3,494	450	2,297	9,676	128,392	158,501	286,893
1948-49	39,352	53,714	22,259	7,829	247	123,401	3,776	3,940	522	2,173	10,411	133,812	182,760	316,572
1949-50	53,905	77,629	27,175	8,232	236	167,177	3,122 (e)	5,570	615	2,263	11,570	178,747	219,244	397,991
1950-51	53,465	162,409	39,565	9,815	270	255,524	3,193 (e)	6,437	700	2,969	13,299	268,823	275,660	544,483
1951-52	64,084	99,808	39,152	12,570	213	215,827	3,127 (e)	8,479	706	4,209	16,721	232,548	314,360	546,908
1952-53	65,067	108,459	42,687	14,886	269	231,368	2,717 (e)	8,904	753	6,632	19,006	250,374	338,032	608,406
1953-54	65,624	108,900	46,202	13,991	402	235,149	2,647 (e)	11,760	834	7,277	21,918	257,067	408,314	665,381
1954-55	61,516	112,196	46,428	11,796	353	232,289	2,152 (e)	12,534	849	8,146	23,681	255,970	452,223	708,193
1955-56	66,465	104,820	54,301	12,618	410	238,614	3,197 (e)	13,578	714	8,869	26,378	264,992	491,048	756,040
1956-57	63,802	129,883	47,933	12,506	506	254,630	3,533 (e)	14,331	1,178	9,457	28,299	282,929	528,031	810,960
1957-58	64,971	115,970	46,153	14,042	268	241,404	3,287 (e)	15,233	1,104	9,944	29,588	270,992	566,476	837,468
1958-59	73,661	110,392	44,382	12,572	408	241,415	3,562 (e)	16,148	1,265	10,987	31,962	273,377	608,948	882,325
1959-60	68,912	135,630	47,469	14,836	428	267,075	3,492 (e)	17,618	1,771	12,101	34,982	302,057	686,501	988,558
1960-61	104,011	116,181	50,947	14,346	319	285,824	2,945 (e)	16,713	1,787	13,158	34,603	320,427	703,262	1,023,709
1961-62	86,245	115,528	43,522	12,439	415	260,149	2,810 (e)	16,449	1,741	17,286	38,266	298,415	717,327	1,015,762
NET VALUE OF RECORDED PRODUCTION PER HEAD OF MEAN POPULATION (£ s. d.)														
1942-43	10 4	12 12	6 7	2 9	0 1	31 13	0 15	0 19	0 4	0 19	2 17	34 10	61 15	96 3
1943-44	8 6	13 4	6 19	2 12	0 1	29 18	1 8	1 0	0 3	1 0	34 9	34 9	62 4	96 13
1944-45	7 9	12 5	7 7	2 16	0 1	29 18	7 5	1 2	0 3	0 16	3 6	33 4	61 5	94 9
1945-46	11 3	9 0	7 9	2 16	0 1	30 9	1 11	1 4	0 5	0 17	3 17	34 6	59 14	94 0
1946-47	16 4	14 1	8 17	2 13	0 2	41 17	1 10	1 9	0 5	1 0	4 4	46 1	64 9	110 10
1947-48	24 2	20 13	9 12	2 18	0 2	57 7	1 14	1 14	0 4	1 2	4 14	62 1	76 11	138 12
1948-49	18 12	25 8	10 11	3 14	0 2	58 7	1 16	1 17	0 5	1 0	4 18	63 5	80 7	147 12
1949-50	24 15	35 14	12 10	3 16	0 2	76 17	1 9	2 11	0 6	1 1	5 7	82 4	100 16	183 0
1950-51	23 17	72 8	13 4	4 7	0 2	113 18	1 9	2 17	0 6	1 7	5 19	119 17	122 18	242 15
1951-52	27 15	43 4	16 19	5 9	0 2	93 9	1 9	3 14	0 6	1 16	7 5	100 14	144 15	245 9
1952-53	27 9	45 14	18 0	6 5	0 2	97 10	1 3	3 15	0 7	2 16	8 1	105 11	150 18	256 9
1953-54	27 2	44 19	19 1	5 16	0 3	97 1	0 17	4 17	0 7	3 0	9 1	106 2	168 11	275 1
1954-55	24 15	45 3	18 14	4 15	0 3	93 10	0 17	5 0	0 7	3 6	9 10	103 0	181 19	284 19
1955-56	26 0	41 0	21 5	4 19	0 3	93 7	1 5	5 6	0 6	3 9	10 6	103 13	192 9	296 2
1956-57	24 6	49 10	18 5	4 15	0 4	97 0	1 5	5 9	0 9	3 12	10 15	107 15	201 2	308 17
1957-58	24 4	43 3	17 4	5 4	0 2	89 17	1 5	5 13	0 8	3 14	11 0	100 17	210 16	311 13
1958-59	26 16	40 3	16 3	4 11	0 3	87 16	1 6	5 17	0 9	4 0	11 12	99 8	221 9	320 17
1959-60	24 9	48 2	16 17	5 4	0 3	94 15	1 5	6 5	0 12	4 6	12 8	107 3	243 9	350 12
1960-61	35 19	40 3	17 12	4 19	0 3	98 16	1 1	5 15	0 12	4 11	11 19	110 15	243 1	353 16
1961-62	29 16	39 1	14 15	4 4	0 3	87 19	0 19	5 11	0 12	5 17	12 19	100 18	242 7	343 5

(a) Includes amounts paid as bounty, relief, &c. See notes under Section (iv), page 61. (b) Profits from the 1939-45 wartime wool disposal plan, which were virtually completed by 30th June, 1959, have been excluded both from years in which the wool was produced and from years in which payment to wool-growers was made. (c) Local values.

No. 82.—Net Value of Production of Primary Industries and Factories(a): Queensland

Note.—Depreciation and certain maintenance costs have not been deducted

Year	Agriculture	Pastoral(b)	Dairying	Poultry	Beef-farming(c)	Total, Rural	Trapping(d)	Forestry(e)	Fishing and Whaling(f)	Mining and Quarrying	Total, Non-Rural	Total, All Primary	Factories	Total, Primary Industries and Factories
TOTAL NET VALUE OF RECORDED PRODUCTION (£'000)														
1942-43	15,517	22,911	10,671	574	12	48,785	64	2,328	242	1,352	5,966	54,771	29,645	83,416
1943-44	17,196	21,981	11,733	765	51	51,726	62	2,822	272	2,804	5,960	57,686	30,211	87,897
1944-45	18,664	19,993	11,377	931	28	50,993	75	2,516	277	2,770	5,638	56,611	30,902	87,513
1945-46	19,613	18,944	12,479	1,172	49	52,257	72	2,502	437	2,811	5,842	58,099	30,270	88,369
1946-47	15,516	26,989	10,010	812	48	52,475	510	3,037	543	3,944	7,134	59,609	35,337	94,946
1947-48	24,192	39,312	14,168	806	55	78,733	202	3,394	561	4,379	8,536	87,269	42,886	130,155
1948-49	28,977	43,869	16,498	853	92	90,289	235	3,804	704	4,143	8,886	99,175	51,546	150,721
1949-50	30,953	57,327	18,659	843	35	107,817	109	4,020	760	5,696	10,495	118,312	61,354	179,666
1950-51	32,001	100,526	20,239	844	58	153,668	97	5,029	812	8,559	14,497	168,165	75,460	243,625
1951-52	35,622	67,080	18,176	1,208	28	122,114	345	7,040	835	8,632	16,852	138,966	91,330	230,296
1952-53	51,684	82,442	30,158	1,147	97	167,528	129	7,102	844	13,860	21,935	189,463	98,209	287,672
1953-54	55,471	81,989	28,444	1,176	138	167,218	296	7,797	951	12,906	21,950	189,168	115,546	304,714
1954-55	56,656	82,180	25,070	1,097	70	164,073	152	7,895	1,275	15,934	25,256	193,329	120,961	314,290
1955-56	55,361	86,313	27,423	1,104	103	170,304	152	8,660	1,471	21,732	32,015	202,319	128,080	330,400
1956-57	69,127	112,566	24,837	838	161	196,529	181	9,467	1,575	24,148	35,391	231,920	138,400	370,320
1957-58	62,898	80,301	18,725	352	73	162,349	226	9,414	1,542	18,810	29,992	192,341	143,958	336,299
1958-59	68,716	90,760	25,098	925	90	185,589	201	8,356	1,343	19,796	29,698	215,287	155,460	370,747
1959-60	65,357	99,884	28,557	856	166	194,820	352	8,469	1,448	24,481	34,750	229,570	162,392	391,962
1960-61	73,471	94,346	21,298	1,074	71	190,260	307	7,149	1,372	27,460	36,288	226,548	170,627	397,175
1961-62	75,076	86,449	22,051	1,463	49	185,088	255	5,895	1,633	23,434	31,217	216,305	175,298	391,603

NET VALUE OF RECORDED PRODUCTION PER HEAD OF MEAT POPULATION (£ s.)

Year	Agriculture	Pastoral(b)	Dairying	Poultry	Beef-farming(c)	Total, Rural	Trapping(d)	Forestry(e)	Fishing and Whaling(f)	Mining and Quarrying	Total, Non-Rural	Total, All Primary	Factories	Total, Primary Industries and Factories
1942-43	14 18	21 3	10 5	0 11	0 1	46 18	0 1	2 5	0 5	3 4	5 15	52 13	27 18	80 11
1943-44	16 6	20 17	11 2	0 15	0 1	49 1	0 1	2 14	0 5	2 13	5 13	54 14	28 13	83 7
1944-45	17 9	18 14	10 13	0 17	0 1	47 14	0 2	2 7	0 5	2 12	5 6	53 0	28 18	81 18
1945-46	18 2	17 9	11 10	1 2	0 1	48 4	0 2	2 6	0 8	2 12	5 8	53 12	27 18	81 10
1946-47	14 3	23 16	9 2	0 15	0 1	47 17	0 9	2 15	0 10	2 16	6 10	54 7	32 4	86 11
1947-48	21 18	35 5	12 14	0 15	0 1	70 13	0 4	3 1	0 10	3 18	7 13	78 6	38 9	116 15
1948-49	25 8	38 9	14 9	0 15	0 2	79 3	0 4	3 6	0 12	3 13	7 15	86 18	46 19	133 17
1949-50	26 8	48 17	15 18	0 14	0 1	91 18	0 2	3 8	0 13	4 16	8 19	100 17	52 6	153 3
1950-51	26 10	83 6	16 15	0 14	0 1	127 6	0 2	4 3	0 13	7 2	12 0	139 6	62 10	201 16
1951-52	28 15	54 2	14 13	0 19	0 1	98 10	0 6	5 14	0 13	6 19	13 12	112 2	73 13	185 15
1952-53	42 4	64 16	23 14	0 18	0 1	131 13	0 2	5 12	0 13	10 18	17 5	148 18	77 4	226 2
1953-54	42 13	63 1	21 18	0 18	0 2	128 12	0 5	6 0	0 14	9 18	16 17	145 9	84 16	230 5
1954-55	44 18	61 18	18 18	0 16	0 1	125 11	0 3	5 19	0 19	12 0	19 1	145 12	90 8	236 0
1955-56	40 14	63 9	20 3	0 16	0 1	125 3	0 2	6 7	1 2	16 0	23 11	148 14	94 2	242 16
1956-57	43 3	80 15	17 16	0 12	0 2	142 8	0 3	6 16	1 3	17 6	25 8	167 16	99 5	267 1
1957-58	44 5	56 9	13 3	0 5	0 1	114 3	0 3	6 12	1 2	13 5	21 2	135 5	101 4	236 9
1958-59	47 8	62 11	17 6	0 13	0 1	127 19	0 3	6 15	0 19	13 13	20 9	148 8	107 4	255 12
1959-60	44 4	67 12	19 6	0 12	0 2	131 16	0 5	5 15	1 0	16 11	23 11	155 7	109 17	265 4
1960-61	48 17	62 15	14 3	0 14	0 1	126 10	0 4	4 15	0 19	18 5	24 3	150 13	113 9	264 2
1961-62	49 3	56 12	14 9	0 19	0 1	121 4	0 3	3 17	1 2	15 7	20 9	141 13	114 16	255 9

(a) Includes amounts paid as bounty, relief, &c. See notes under section (iv), page 61. (b) Profits from the 1939-45 war time wool disposal plan, which were virtually completed by 30th June, 1959, have been excluded both from years in which the wool was produced and from years in which payment to wool-growers was made. (c) Local values. (d) Local values. (e) Local values. (f) Local values.

No. 83.—Net Value of Production of Primary Industries and Factories(a): South Australia

NOTE.—Depreciation and certain maintenance costs have not been deducted

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NON-RURAL INDUSTRIES AND VALUE OF PRODUCTION

Year	Agriculture	Pastoral(b)	Dairying	Poultry	Beef-farming(c)	Total, Rural	Trapping(d)	Forestry(d)	Fishing and Whaling(d)	Mining and Quarrying	Total, Non-Rural	Total, All Primary	Factories	Total, Primary Industries and Factories
TOTAL NET VALUE OF RECORDED PRODUCTION (E'000)														
1942-43	12,247	7,132	3,104	750	111	23,344	108	1,012	277	2,949	4,346	27,690	28,354	56,044
1943-44	11,041	7,789	3,495	1,132	73	23,532	211	1,029	240	2,975	4,455	27,947	28,411	56,398
1944-45	6,998	7,695	3,456	1,295	113	19,557	211	1,069	163	2,935	3,378	23,935	27,267	51,202
1945-46	14,958	6,198	3,826	1,251	77	26,320	208	1,170	231	2,378	4,047	30,407	25,602	56,009
1946-47	19,762	9,385	4,242	1,478	218	35,285	426	1,382	253	2,969	5,000	40,315	31,067	71,382
1947-48	41,950	16,930	4,985	1,914	136	65,915	515	1,700	214	3,519	5,948	71,863	38,670	110,533
1948-49	23,931	21,436	5,256	1,834	276	52,773	589	2,104	232	3,597	6,532	59,295	45,722	105,017
1949-50	32,790	28,358	6,819	2,180	141	70,488	320	2,300	287	2,941	5,848	76,336	52,153	128,489
1950-51	36,402	65,797	6,314	2,043	155	110,712	412	2,656	404	4,188	7,660	118,372	67,809	186,181
1951-52	45,903	38,965	8,858	2,021	150	96,897	551	3,179	701	4,646	9,077	105,974	83,246	189,220
1952-53	51,244	49,918	9,427	2,058	223	112,870	541	3,790	851	5,153	10,315	123,205	89,189	212,394
1953-54	41,700	47,423	10,257	2,079	189	101,648	411	4,173	1,015	5,051	10,870	112,498	100,221	212,719
1954-55	39,180	45,220	10,666	1,706	126	96,898	379	4,427	1,046	7,101	12,953	109,851	111,028	220,879
1955-56	41,271	44,625	13,274	1,809	246	101,216	485	4,596	995	8,452	14,728	115,744	120,936	236,680
1956-57	49,688	62,093	12,511	1,597	388	126,277	638	4,051	1,295	9,487	15,371	141,748	126,766	268,514
1957-58	32,318	44,863	7,834	1,555	183	86,753	483	3,587	1,074	9,320	14,444	101,217	133,285	234,502
1958-59	50,571	38,425	9,374	1,734	243	100,147	453	4,103	1,071	9,999	15,626	115,973	139,810	255,783
1959-60	24,246	50,067	9,153	1,508	251	85,225	443	3,929	975	10,698	16,043	101,270	162,973	264,243
1960-61	58,323	16,119	8,470	1,359	157	104,828	540	3,729	1,237	11,404	16,910	121,338	170,062	291,400
1961-62	45,467	45,628	9,926	948	286	102,255	343	3,733	1,379	13,303	18,558	120,813	173,914	294,727
NET VALUE OF RECORDED PRODUCTION PER HEAD OF MEAN POPULATION (£ s.)														
1942-43	20 1	11 13	5 2	1 5	0 3	38 4	0 4	1 13	0 9	4 17	7 3	45 7	46 8	91 15
1943-44	17 18	12 13	5 13	1 17	0 3	38 4	0 7	1 13	0 8	4 17	7 8	45 9	46 2	91 11
1944-45	11 5	12 7	5 11	2 2	0 3	31 8	0 7	1 15	0 5	4 14	7 1	38 9	43 15	82 4
1945-46	23 14	9 17	6 1	2 0	0 2	41 14	0 10	1 17	0 7	3 16	6 10	48 4	40 12	88 16
1946-47	30 17	14 19	6 13	2 6	0 7	55 2	0 13	2 3	0 8	4 13	7 17	62 19	48 10	111 9
1947-48	64 3	25 18	7 12	2 19	0 4	100 16	0 16	2 12	0 6	5 8	9 2	109 18	59 3	169 1
1948-49	35 15	32 1	7 17	2 15	0 8	78 16	0 18	3 3	0 7	5 7	9 15	88 11	65 5	153 16
1949-50	47 4	41 2	9 17	3 3	0 4	101 10	0 9	3 6	0 8	4 5	8 8	109 18	75 7	185 5
1950-51	50 9	91 3	8 15	2 16	0 4	133 7	0 11	3 14	0 11	5 16	10 12	163 19	93 19	257 18
1951-52	63 2	52 9	11 18	2 14	0 4	130 7	0 15	4 5	0 19	6 5	12 4	142 11	112 0	254 11
1952-53	66 17	65 2	12 6	2 14	0 6	147 5	0 14	4 19	1 2	6 15	13 10	160 15	116 7	277 2
1953-54	53 1	60 7	13 1	2 13	0 5	129 7	0 10	5 11	1 6	6 9	13 16	143 3	127 10	270 13
1954-55	48 11	56 0	13 4	2 2	0 3	120 0	0 9	5 10	1 6	8 16	16 1	136 1	137 10	273 11
1955-56	49 9	53 10	15 18	2 3	0 6	121 6	0 12	5 10	1 4	10 2	17 8	138 14	144 18	283 12
1956-57	57 14	72 2	14 10	1 17	0 9	146 12	0 15	4 14	1 10	11 0	17 19	164 11	147 3	311 14
1957-58	36 9	50 13	8 17	1 15	0 4	97 18	0 11	4 1	1 4	10 10	16 6	114 4	150 9	264 13
1958-59	55 14	42 6	10 7	1 18	0 5	110 10	0 10	4 10	1 4	11 0	17 4	127 14	153 18	281 12
1959-60	26 0	53 13	9 16	1 12	0 5	91 6	0 10	4 4	1 1	11 9	17 4	108 10	174 11	283 1
1960-61	60 19	37 15	8 17	1 8	0 3	109 2	0 11	3 18	1 6	11 18	17 13	126 15	177 14	304 9
1961-62	46 8	46 11	10 3	0 19	0 6	104 7	0 7	3 17	1 8	13 7	18 19	123 0	177 9	304 15

(a) Includes amounts paid as bounty, relief, &c. See notes under Section (iv), page 61. (b) Profits from the 1970-71 wartime wool disposal plan, which were virtually completed by 30th June, 1959, have been excluded both from years in which the wool was produced and from years in which payment to wool-growers was made. (c) Local values except for 1957-58 to 1959-60. (d) Local values.

No. 84.—Net Value of Production of Primary Industries and Factories(a): Western Australia

Note.—Depreciation and certain maintenance costs have not been deducted

Year	Agriculture	Pastoral(b)	Dairying	Poultry	Bee-keeping(c)	Total Rural	Trapping (c)	Forestry(c)	Fishing and Whaling(c)	Mining and Quarrying	Total Non-Rural	Total All Primary	Factories	Total Primary Industries and Factories
TOTAL NET VALUE OF RECORDED PRODUCTION (£'000)														
1942-43	4,878	6,683	1,718	674	30	13,983	87	1,423	117	7,144	8,771	22,754	11,454	34,208
1943-44	5,245	7,470	1,607	697	19	15,038	103	1,372	160	4,711	6,146	21,384	12,512	33,896
1944-45	6,453	6,515	1,798	704	24	15,494	98	1,365	155	4,185	5,803	21,297	12,960	34,257
1945-46	8,822	6,804	1,844	584	46	18,106	131	1,459	46	4,212	6,005	24,105	13,826	37,931
1946-47	11,207	9,648	1,922	453	73	23,303	218	1,496	113	5,057	7,084	30,387	15,748	46,135
1947-48	26,295	16,815	2,036	375	49	45,570	197	1,605	564	5,883	8,249	53,819	18,384	72,203
1948-49	21,875	20,802	2,122	671	104	45,574	258	1,791	679	5,873	8,601	54,175	21,474	75,649
1949-50	26,605	26,442	2,445	841	40	56,373	196	2,021	697	6,697	9,611	65,964	26,044	92,008
1950-51	33,126	61,463	2,759	891	36	98,475	230	2,908	812	8,751	12,721	111,196	34,220	145,416
1951-52	31,027	34,442	4,993	1,147	115	70,734	244	3,689	1,225	9,775	14,933	85,667	42,746	128,413
1952-53	28,977	33,642	3,911	1,449	199	73,079	230	3,328	1,610	12,410	17,578	90,657	49,192	139,849
1953-54	28,119	43,784	3,695	1,634	211	77,443	334	3,615	1,567	11,998	19,784	97,227	55,147	152,374
1954-55	23,483	36,194	3,226	1,363	97	64,363	168	3,850	2,149	14,776	20,943	85,306	60,956	146,262
1955-56	37,150	36,578	3,867	816	202	78,613	156	4,877	2,406	14,143	21,542	100,395	69,733	170,128
1956-57	24,640	47,343	3,645	697	268	76,593	111	4,779	2,737	14,150	21,977	98,570	73,442	172,012
1957-58	27,138	36,947	3,436	524	243	68,488	60	5,112	3,226	14,889	23,287	91,775	75,312	167,087
1958-59	42,746	30,582	2,829	502	218	76,877	47	5,067	3,867	14,454	23,435	100,312	78,762	179,074
1959-60	44,044	39,659	3,913	471	161	88,268	101	5,085	4,276	14,765	24,227	112,495	86,374	198,869
1960-61	46,708	39,974	4,198	526	151	91,761	240	5,167	4,220	15,444	25,071	116,832	96,631	213,463
1961-62	51,325	41,328	4,370	604	248	97,875	186	5,191	5,291	15,553	26,221	124,096	98,041	222,137

NET VALUE OF RECORDED PRODUCTION PER HEAD OF MEAN POPULATION (£ s.)

1942-43	10 5	14 0	3 12	1 8	0 1	29 6	0 4	3 0	0 5	14 19	18 8	47 14	24 0	71 14
1943-44	11 0	15 12	3 7	1 9	0 1	31 9	0 4	2 17	0 7	9 17	13 5	44 14	26 3	70 17
1944-45	13 6	13 9	3 14	1 9	0 1	31 19	0 4	2 16	0 7	8 13	12 0	43 19	26 15	70 14
1945-46	18 0	13 18	3 15	1 4	0 2	36 19	0 5	3 0	0 8	8 12	12 5	49 4	28 4	77 8
1946-47	22 11	19 8	3 18	0 18	0 3	46 18	0 9	3 0	0 13	10 3	14 5	61 3	31 14	92 17
1947-48	51 14	33 1	4 0	0 14	0 2	89 11	0 8	3 3	1 2	11 11	16 4	105 15	36 3	141 18
1948-49	41 18	39 17	4 1	1 6	0 4	87 6	0 10	3 9	1 6	11 5	16 10	103 16	41 3	144 19
1949-50	48 16	48 10	4 9	1 11	0 2	103 8	0 7	3 14	1 5	12 6	17 12	121 0	47 16	168 16
1950-51	58 2	107 15	5 4	1 11	0 1	172 13	0 9	5 2	1 8	15 7	22 6	194 19	60 0	254 19
1951-52	52 12	58 7	6 16	1 19	0 4	119 18	0 8	6 5	2 2	16 12	25 7	145 5	72 9	217 14
1952-53	47 8	63 5	6 8	2 7	0 3	119 11	0 7	5 9	2 13	20 6	28 15	148 6	80 10	228 16
1953-54	44 12	69 8	5 17	2 12	0 7	122 16	0 10	5 14	2 19	22 4	31 7	154 3	87 9	241 12
1954-55	36 4	55 17	5 0	2 2	0 3	99 6	0 5	5 19	3 6	22 16	32 6	131 12	94 1	225 13
1955-56	56 0	54 17	5 16	1 5	0 6	118 4	0 5	7 6	3 12	21 4	32 7	150 11	104 11	255 2
1956-57	36 4	60 10	5 7	1 1	0 8	112 10	0 3	7 0	4 0	21 2	32 5	144 15	107 17	252 12
1957-58	39 8	51 6	4 19	0 15	0 7	98 15	0 2	7 7	4 13	21 9	33 11	132 6	108 12	240 18
1958-59	60 11	43 7	4 0	0 14	0 6	108 18	0 1	7 4	5 10	20 9	33 4	142 2	111 12	253 14
1959-60	61 8	55 6	5 10	0 13	0 4	123 1	0 3	7 2	5 19	20 12	33 16	156 17	120 8	277 5
1960-61	64 0	54 16	6 1	0 14	0 4	125 15	0 6	7 2	5 16	21 3	34 7	160 2	132 8	292 10
1961-62	68 16	55 8	5 18	0 16	0 7	131 5	0 5	6 19	7 2	20 17	35 3	166 8	131 9	297 17

(a) Includes amounts paid as bounty, relief, &c. See notes under Section (iv), page 61.

(b) Profits from the 1939-45 war-time wool disposals plan, which were virtually completed by 30th June, 1959, have been excluded both from years in which the wool was produced and from years in which payment to wool-growers was made.

(c) Local values.

No. 85.—Net Value of Production of Primary Industries and Factories (a): Tasmania

NOTE.—Depreciation and certain maintenance costs have not been deducted

Year	Agriculture	Pastoral(b)	Dairying	Poultry	Beef(farming)	Total, Rural	Trapping(c)	Forestry(c)	Fishing and Whaling(c)	Total, Quarrying(d)	Total, Non-Rural	Total, All Primary	Factories	Total, Primary Industries and Factories
TOTAL NET VALUE OF RECORDED PRODUCTIONS (£'000)														
1942-43	3,527	2,209	602	524	2	6,864	295	1,014	87	2,540	1,936	10,800	8,976	18,876
1943-44	4,834	2,455	684	527	3	8,503	498	1,028	221	2,420	4,167	12,670	9,945	21,715
1944-45	5,855	2,139	743	563	3	9,503	576	1,088	278	2,257	4,199	13,702	8,902	22,604
1945-46	4,351	2,226	768	569	6	7,920	728	1,340	217	1,984	4,178	12,098	9,196	21,294
1946-47	3,965	3,580	812	531	6	8,294	557	1,327	147	2,856	5,087	13,381	10,568	23,949
1947-48	3,982	4,303	922	718	8	10,003	476	1,834	490	4,218	6,968	16,971	12,244	29,215
1948-49	4,012	5,374	1,131	886	8	11,611	199	2,105	558	4,369	7,231	18,842	16,074	34,916
1949-50	5,372	7,138	1,527	946	11	14,994	153	2,069	426	4,629	7,907	22,301	19,136	41,437
1950-51	8,644	11,972	2,106	636	13	23,371	211	2,812	411	7,049	10,103	33,474	24,514	58,008
1951-52	16,716	5,812	3,062	879	14	26,463	177	3,057	441	10,552	14,227	34,710	29,794	64,504
1952-53	10,803	7,412	3,894	1,058	18	23,185	185	3,248	606	7,325	11,364	34,549	30,498	65,047
1953-54	9,204	7,151	4,760	979	22	22,116	218	3,555	432	6,392	10,597	32,713	33,065	65,778
1954-55	11,240	7,647	5,510	861	15	25,291	165	4,017	556	7,057	11,815	37,108	38,114	75,222
1955-56	15,170	7,382	6,381	934	18	29,785	215	4,591	505	8,612	13,923	43,708	45,931	89,639
1956-57	7,938	10,666	6,331	1,015	24	26,016	144	4,523	609	8,298	13,574	39,590	48,682	88,272
1957-58	12,050	8,078	6,182	928	32	27,470	116	4,547	508	5,897	11,068	38,538	51,830	90,368
1958-59	10,496	6,652	6,249	834	25	24,256	134	4,987	664	5,168	10,851	35,109	54,301	89,410
1959-60	10,645	7,646	6,045	725	22	25,083	284	5,556	683	5,938	11,921	37,964	60,196	98,100
1960-61	10,919	6,401	6,613	567	34	24,556	7,575	813	5,476	12,231	36,787	62,446	99,233	161,679
1961-62	12,345	5,854	6,782	549	23	25,553	165	5,090	909	5,263	11,367	36,920	61,917	100,837

NET VALUE OF RECORDED PRODUCTIONS PER HEAD OF MEAN POPULATION

(£ s.)														
1943-43	14 12	9 3	2 10	2 3	0 0	28 8	1 5	4 4	0 7	10 10	16 6	44 14	33 8	78 2
1943-44	19 16	10 1	2 16	2 4	0 0	34 17	2 1	4 4	0 18	9 18	17 1	51 18	37 1	88 19
1944-45	23 14	9 10	3 0	2 6	0 0	38 10	2 7	4 8	1 2	9 3	17 0	55 10	36 1	91 11
1945-46	17 8	8 18	3 1	2 5	0 1	31 13	2 18	5 0	0 17	7 18	14 6	48 6	36 15	85 1
1946-47	13 4	14 1	3 4	2 2	0 1	32 12	2 4	5 4	1 7	11 5	20 0	52 12	41 18	94 10
1947-48	15 5	16 9	3 16	3 15	0 1	38 6	1 13	7 0	1 17	16 3	26 13	64 19	46 18	111 17
1948-49	15 1	20 3	5 0	3 6	0 1	43 11	0 15	7 18	2 2	16 8	27 3	70 14	60 6	131 0
1949-50	19 12	26 0	5 11	3 9	0 1	54 13	0 11	7 13	1 11	16 17	26 12	81 5	70 9	151 14
1950-51	30 10	42 4	7 9	2 5	0 1	82 9	0 15	8 12	1 9	24 17	35 13	118 2	86 16	204 18
1951-52	36 11	19 16	10 9	3 0	0 1	69 17	0 12	10 8	1 10	36 0	48 10	118 7	101 11	219 18
1952-53	35 14	24 10	12 18	3 10	0 1	76 13	0 12	10 15	2 0	24 4	37 11	114 4	100 16	215 0
1953-54	29 15	23 2	15 8	3 4	0 1	71 10	0 14	11 10	1 8	20 13	34 5	105 15	106 17	212 12
1954-55	35 19	24 9	17 13	9 16	0 1	80 18	0 11	12 18	1 15	22 11	37 15	118 13	121 18	240 11
1955-56	47 13	22 17	20 1	2 19	0 1	93 11	0 14	14 8	1 12	27 1	43 15	137 6	144 6	281 12
1956-57	28 12	32 17	19 10	3 2	0 2	89 3	0 9	13 19	1 17	25 11	41 16	121 19	149 19	271 18
1957-58	36 6	24 6	19 4	2 16	0 2	82 14	0 7	13 14	1 11	17 15	31 7	116 1	136 2	272 3
1958-59	31 0	19 13	18 9	2 9	0 2	71 13	0 8	14 9	1 19	15 5	32 1	103 14	160 7	264 1
1959-60	30 19	22 16	20 4	1 10	0 1	75 10	0 16	16 3	2 0	15 14	34 13	110 3	174 19	285 2
1960-61	31 5	18 6	18 18	1 12	0 2	70 3	0 12	16 8	2 6	15 13	34 19	105 2	175 8	280 10
1961-62	34 12	15 8	19 0	1 11	0 2	71 13	0 9	14 5	2 11	14 12	31 17	101 10	179 5	282 15

(a) Includes amounts paid as bounty, relief, &c. See notes under Section (ix), page 61. No deductions made from 1942-43 to 1957-58 for costs of power, power kerrosene, petrol and other oils except for Mining and Quarrying. (b) Profits from the 1949-55 war-time wool disposal plan, which were virtually completed by 30th June, 1959, have been excluded from years in which the wool was produced and 7-10 years in which payment to wool-growers was made. (c) Profits from 1952-53 local values are exclusive of quarries. (d) Profits from 1952-53 local values are exclusive of quarries. (e) Local values. (f) Profits from 1952-53 local values are exclusive of quarries.

No. 86.—Net Value of Production of Primary Industries and Factories(a): Australia(b)

Notes.—Depreciation and certain Maintenance Costs have not been deducted

Year	Agriculture	Pastoral(c)	Dairying	Poultry	Non-farming(d)	Total Rural	Trapping(e)	Forestry(f)	Fishing and Whaling(g)	Mining and Quarrying	Total Non-Rural	Total, All Primary	Factories	Total Primary Industries and Factories
Total Net Value of Recorded Production (£'000)														
1941-42	80,511	151,218	42,346	10,555	125	234,875	1,550	10,790	1,930	30,766	47,036	281,911	352,061	633,911
1942-43	82,668	168,497	44,819	13,706	415	249,031	6,684	11,488	1,967	27,612	47,751	296,782	366,231	663,017
1943-44	70,770	98,440	46,182	14,801	517	230,110	6,208	11,531	2,235	26,832	46,806	277,116	362,243	639,399
1945-46	109,571	85,311	49,519	15,129	412	260,923	8,555	12,256	2,460	26,156	49,497	310,870	352,123	663,193
1946-47	101,325	110,307	49,058	14,705	871	298,868	9,360	18,696	3,291	32,458	59,855	358,723	410,862	769,585
1947-48	227,303	193,870	60,580	16,744	717	497,694	7,303	17,768	3,503	47,581	71,155	568,849	489,296	1,058,145
1948-49	164,372	243,875	63,552	20,196	1,599	494,484	7,786	20,105	4,174	48,153	87,102	601,637	568,769	1,170,406
1949-50	110,701	337,171	81,102	22,258	761	659,877	5,716	21,195	4,234	52,327	65,472	745,369	661,532	1,406,901
1950-51	200,196	768,999	89,152	28,514	811	1,077,776	6,629	28,428	4,559	71,150	111,076	1,188,817	843,872	2,032,689
1951-52	346,685	406,493	101,776	31,554	774	883,282	6,713	37,065	5,729	97,199	147,546	930,828	1,024,867	1,955,695
1952-53	376,358	493,735	133,145	35,213	1,066	982,167	5,595	40,664	6,897 (e)	109,671 (e)	162,237 (e)	1,184,394	1,082,862 (e)	2,267,256
1953-54	268,460	491,716	136,956	34,782	1,426	913,340	5,074	44,005	7,741 (f)	164,875 (f)	181,905 (f)	1,095,015	1,227,045 (f)	2,322,060
1954-55(g)	281,919	461,464	135,708	29,787	1,798	872,366	4,961	46,549	8,727	118,087	178,169	1,050,735	1,365,509	2,416,244
1955-56(g)	799,455	446,780	154,905	30,185	1,751	913,076	6,047	51,814	8,884	132,510	199,255	1,112,331	1,506,714	2,619,045
1956-57(g)	1,186,1	597,681	180,792	28,802	2,254	1,023,990	6,013	54,133	10,506	139,982	210,634	1,234,624	1,622,120	2,856,744
1957-58(g)	284,517	447,247	127,524	27,326	1,566	888,293	6,027	53,471	10,402	126,803	196,702	1,044,995	1,228,723	2,273,718
1958-59(g)	328,943	447,622	141,944	27,460	1,605	943,434	6,362	54,158	11,243	118,136	190,299	1,133,773	1,842,601	2,976,374
1959-60(g)	291,351	516,215	151,991	30,424	2,060	1,012,841	6,881	55,601	12,125	126,155	201,362	1,214,205	2,074,882	3,289,087
1960-61(g)	391,461	458,169	162,111	30,998	1,458	1,024,617	6,601	51,975	12,813	139,027	212,416	1,237,033	2,169,894	3,406,927
1961-62(g)	366,503	581,338	136,497	24,872	1,613	1,010,823	5,888	50,917	14,294	118,033	209,171	1,219,994	2,194,938	3,414,932

Net Value of Recorded Production per Head of Mean Population (£ s.)

Year	Agriculture	Pastoral(c)	Dairying	Poultry	Non-farming(d)	Total Rural	Trapping(e)	Forestry(f)	Fishing and Whaling(g)	Mining and Quarrying	Total Non-Rural	Total, All Primary	Factories	Total Primary Industries and Factories
1942-43	11 s.	14 s.	5 s. 18.	1 s.	0 s. 1	32 s. 14.	0 s. 10.	1 s. 10.	0 s. 5.	4 s. 6.	6 s. 11.	39 s. 5.	49 s. 0.	88 s. 5.
1943-44	11 s. 8.	14 s. 9.	6 s. 4.	1 s. 13.	0 s. 1	34 s. 7.	0 s. 18.	1 s. 12.	0 s. 6.	3 s. 15.	6 s. 12.	40 s. 19.	50 s. 11.	91 s. 10.
1944-45	9 s. 12.	13 s. 9.	6 s. 6.	2 s. 1.	0 s. 1	31 s. 9.	0 s. 17.	1 s. 12.	0 s. 6.	3 s. 11.	6 s. 8.	37 s. 17.	49 s. 9.	87 s. 6.
1945-46	18 s. 16.	11 s. 13.	8 s. 14.	2 s. 1.	0 s. 1	35 s. 5.	1 s. 3.	1 s. 14.	0 s. 7.	3 s. 11.	6 s. 15.	42 s. 0.	47 s. 12.	89 s. 12.
1946-47	13 s. 16.	17 s. 8.	6 s. 11.	1 s. 19.	0 s. 2	39 s. 18.	1 s. 5.	1 s. 19.	0 s. 9.	4 s. 7.	8 s. 0.	47 s. 18.	54 s. 17.	102 s. 15.
1947-48	27 s. 11.	23 s. 10.	7 s. 19.	2 s. 4.	0 s. 2	65 s. 8.	0 s. 19.	2 s. 7.	0 s. 9.	5 s. 12.	9 s. 7.	74 s. 15.	64 s. 6.	139 s. 1.
1948-49	21 s. 3.	31 s. 1.	8 s. 14.	2 s. 12.	0 s. 4	63 s. 14.	1 s. 0.	2 s. 12.	0 s. 11.	6 s. 5.	10 s. 8.	74 s. 2.	71 s. 5.	145 s. 7.
1949-50	27 s. 6.	42 s. 2.	10 s. 2.	2 s. 16.	0 s. 2	82 s. 8.	0 s. 14.	2 s. 18.	0 s. 11.	6 s. 11.	10 s. 14.	93 s. 3.	82 s. 12.	175 s. 14.
1950-51	23 s. 4.	85 s. 6.	10 s. 16.	2 s. 19.	0 s. 2	124 s. 7.	0 s. 16.	1 s. 9.	0 s. 12.	8 s. 12.	15 s. 9.	137 s. 16.	102 s. 2.	239 s. 18.
1951-52	29 s. 1.	47 s. 4.	12 s. 4.	3 s. 14.	0 s. 2	92 s. 5.	0 s. 16.	4 s. 9.	0 s. 14.	11 s. 9.	17 s. 8.	109 s. 13.	120 s. 15.	230 s. 8.
1952-53	11 s. 16.	56 s. 16.	15 s. 12.	4 s. 1.	0 s. 3	108 s. 8.	0 s. 13.	4 s. 12.	0 s. 16.	12 s. 12.	18 s. 13.	127 s. 1.	124 s. 12.	251 s. 13.
1953-54	30 s. 6.	55 s. 11.	15 s. 9.	3 s. 19.	0 s. 3	105 s. 8.	0 s. 12.	4 s. 19.	0 s. 18.	11 s. 17.	18 s. 6.	123 s. 44.	138 s. 11.	261 s. 5.
1954-55(g)	26 s. 17.	50 s. 15.	14 s. 9.	3 s. 5.	0 s. 3	95 s. 19.	0 s. 11.	5 s. 2.	0 s. 19.	13 s. 0.	19 s. 12.	115 s. 11.	150 s. 5.	265 s. 16.
1955-56(g)	50 s. 0.	47 s. 19.	16 s. 13.	3 s. 5.	0 s. 4	98 s. 1.	0 s. 15.	5 s. 10.	0 s. 19.	14 s. 5.	21 s. 7.	119 s. 8.	161 s. 2.	280 s. 10.
1956-57(g)	36 s. 15.	62 s. 14.	14 s. 15.	3 s. 0.	0 s. 4	107 s. 8.	0 s. 13.	5 s. 13.	1 s. 2.	14 s. 14.	22 s. 2.	129 s. 10.	170 s. 3.	299 s. 13.
1957-58(g)	25 s. 2.	45 s. 18.	11 s. 2.	2 s. 16.	0 s. 3	87 s. 1.	0 s. 12.	5 s. 10.	1 s. 2.	13 s. 0.	20 s. 4.	107 s. 5.	177 s. 9.	184 s. 14.
1958-59(g)	33 s. 19.	44 s. 12.	14 s. 5.	2 s. 15.	0 s. 3	94 s. 16.	0 s. 13.	5 s. 9.	1 s. 2.	11 s. 18.	19 s. 2.	113 s. 18.	145 s. 4.	259 s. 2.
1959-60(g)	28 s. 14.	52 s. 15.	14 s. 9.	3 s. 0.	0 s. 4	99 s. 12.	0 s. 14.	5 s. 10.	1 s. 4.	12 s. 8.	19 s. 16.	119 s. 8.	204 s. 3.	323 s. 11.
1960-61(g)	37 s. 14.	44 s. 2.	11 s. 1.	2 s. 6.	0 s. 3	98 s. 12.	0 s. 13.	5 s. 4.	1 s. 4.	13 s. 8.	20 s. 9.	119 s. 1.	208 s. 7.	327 s. 8.
1961-62(g)	34 s. 11.	45 s. 8.	12 s. 18.	3 s. 0.	0 s. 3	95 s. 6.	0 s. 11.	4 s. 16.	1 s. 7.	13 s. 0.	19 s. 14.	115 s. 0.	206 s. 19.	321 s. 19.

(a) Includes amounts paid as bounty, relief, &c. See notes under Section (vi), page 61.

(b) Figures for 1959-60, 1960-61, 1961-62 have been excluded from years in which the word was produced and from years in which payment to woodgrowers was made.

(c) Includes the net value of Mining and Quarrying for the Northern Territory.

(d) Includes the net value of Mining and Quarrying for the Northern Territory and the Australian Capital Territory.

(e) Includes the Northern Territory and the Australian Capital Territory with the exception of factories.

(f) Excludes the Northern Territory and the Australian Capital Territory for years prior to 1954-55.

(g) Local values.

(h) Includes the Northern Territory and the Australian Capital Territory with the exception of factories.

(i) Includes the Northern Territory and the Australian Capital Territory with the exception of factories.

(j) Includes the Northern Territory and the Australian Capital Territory with the exception of factories.

SECTION V.—GROSS AND LOCAL VALUE OF AGRICULTURAL PRODUCTION

No. 87.—Crops: Area, Gross Value of Production and Price Indexes, Australia

Year	Area of Crops(a)	Gross Value of Agricultural Production(b)			Agricultural Production Price Indexes (d)	Average 1936-37 to 1951-52 = 100
		Total(c)	Average per Acre of Crops	Average per Head of Population		
	'000 Acres.	£'000.	£	£		
1942-43	17,492	117,414	6 14	16 6		131
1943-44	16,055	119,388	7 9	16 9		139
1944-45	17,673	105,817	6 0	14 8		131
1945-46	20,555	153,426	7 9	20 14		174
1946-47	21,270	143,258	10 12	19 2		194
1947-48	22,763	283,196	12 12	37 4		267
1948-49	20,024	222,917	10 11	28 14		234
1949-50	20,816	281,889	13 11	35 4		272
1950-51	20,133	278,638	13 17	33 14		291
1951-52	20,047	332,324	16 12	39 3		355
1952-53	20,666	383,108	16 11	44 2		364
1953-54	21,527	372,115	17 6	42 1		324
1954-55	22,139	339,615	15 4	37 7		316
1955-56	22,273	384,917	16 15	41 6		330
1956-57	19,962	352,148	17 13	36 19		336
1957-58	22,177	340,846	15 7	35 0		336
1958-59	25,631	459,892	17 19	46 4		322
1959-60	26,105	410,354	15 14	40 8		329
1960-61	29,576	435,681	18 3	51 12		349
1961-62	29,639	504,172	17 0	47 5		348

(a) Excludes Northern Territory prior to 1954-55. (b) Includes amounts paid as bounty, relief, &c. (c) Excludes Northern Territory and Australian Capital Territory prior to 1954-55. (d) See note preceding Table No. 109.

No. 88.—Crops: Gross Value, Season 1961-62 (£'000)

Crop	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Cereals for Grain—									
Barley—2 Row	1,601	2,426	1,651	11,476	653	289			21,933
6 Row	827	102	156		2,762				5,285
Maize	1,610	124	3,330					6	20,001
Oats	4,949	5,732	180	1,313	7,525	286			1,119
Panicum, Millet and Setaria	47	63	1,009		(a)	30	(b)		(c) 3,832
Rice	3,832	93	1	92		5			240
Sorghum	821	4,339	50,012		1		(a)	24	5,151
Wheat(d)	58,371	42,697	3,015	25,757	50,012	276			186,172
Total Cereals for Grain	72,305	51,237	19,681	38,635	60,884	856	(a)	30	(c) 243,735
Hay—									
Barley	5	42	15	63	29	13			167
Lucerne	5,187	987	3,830	339	21	13		31	10,408
Oaten	793	2,961	103	789	1,930	253			6,833
Rye	1	1	5	4					51
Wheatgrass	1,122	415	156	359	485	36		2	2,575
Other	2,452	11,199	83	658	1,287	2,022	6		17,712
Total Hay	9,562	15,637	4,088	2,213	3,757	2,341	6	42	37,746
Green fodder	1,960	1,091	4,511	(f)	699	(g)	3	4	(c) 8,743
Other Stock Fodder	85	1,136	76	264	41	1,959	(h)	3	3,561
Grass Seed—									
Lucerne	154	(i)	130	3	229				386
Other	182	230	198	147	86	48	(h)	6	804
Total Grass Seed	336	369	328	383	479	64	(h)	6	2,987
Industrial Crops—									
Arrowroot			27						27
Broom Millet—Fibre	148	20	13						181
Canary Seed	12	2	364	(a)					776
Cotton, Unginned	39	(a)	608		2				647
Flax—For Fibre	60	426	363	19	12				880
For Linseed		320							1,242
Hops		21		5		921			35
Safflower	39		1,291		(a)		11		1,341
Mustard	(a)		60		(a)				69
Peanuts			45,933						48,218
Sugar Cane—Cut for crushing	2,285		1,390						1,350
Cut for plants	(h)	7	4						61
Sundew Seed	1,273	3,639	7,184		26				12,122
Tobacco (Dried Leaf)									
Total Industrial Crops	3,861	4,442	57,696	24	40	931	11		67,005
Vegetables for Human Consumption—									
Potatoes	4,498	6,524	3,806	2,047	1,937	1,877	(j)	35	20,697
Other Vegetables	7,163	9,466	6,171	3,627	2,611	2,187		30	31,290
Total Vegetables	11,661	15,990	9,977	5,674	4,548	4,064	35	38	51,987
Vineyards—									
Grapes—Table	626	546	371	75	227				1,847
Wine	817	345	13	4,188	138				5,501
Currents, Dried	59	396		400	241				1,096
Raspberries, Dried	198	802		162	1				1,163
Sultanas, Dried	1,474	7,489	4,363	1,238	7				10,208
Total Vineyards	3,114	9,578	386	6,063	614				19,815
Fruit—									
Apples	4,038	2,932	1,616	1,591	2,025	7,797		9	20,003
Citrus	5,367	1,254	1,215	2,764	650			4	11,759
Other Orchard	5,209	8,117	788	2,828	680			7	18,233
Non Orchard	5,711	354	4,363	280	1,38	465			13,318
Total Fruit	22,825	12,677	7,982	7,463	3,493	(i)	8,903	16	(i) 63,383
Nurseries and Cut Flowers	1,144	2,688	409	516	379	124		5	5,265
All Other Crops	187	267	168	64	48	127	4		865
Total Crops	127,382	115,112	105,275	62,011	74,383	19,835	75	129	504,172

(a) Not available for publication. Included in "All Other Crops". (b) Not available for publication, excluded from totals. (c) Incomplete; see footnotes to individual States. (d) Includes payment of £7,288,000 by the Commonwealth Government. (e) Incomplete; includes only green fodder cut. (f) Incomplete; excludes lucerne sown as pasture for grazing. (g) Not available. (h) Less than £500. (i) Not available separately. (j) Not available for publication. Included in "Other Vegetable". (k) For details, see Table No. 52. (l) Includes Government subsidy of £50,000 to compulsory hail insurance scheme for apples and pears in Tasmania.

No. 89.—Crops: Gross Value, Australia (a)
(£'000)

Crop	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Cereals for Grain—										
Barley—2 and 6 Row	27,517	21,011	18,257	20,994	24,056	17,555	31,394	16,623	31,072	21,931
Malt	4,039	3,068	3,615	3,464	3,712	6,995	4,629	4,029	5,264	5,285
Oats	15,301	12,345	14,066	19,373	12,239	15,551	30,964	18,396	25,535	20,001
Panicum, Millet and Setaria	188	439	616	594	1,051	753	1,190	896	788	1,119
Rice	3,338	3,198	3,430	3,496	(b) 3,069	(b) 4,045	(b) 4,711	(b) 4,450	(b) 4,125	(b) 3,832
Rye	912	244	224	211	267	251	398	339	331	240
Sorghum	2,351	2,040	2,631	2,368	2,423	2,436	(b) 3,817	(b) 3,971	(b) 3,198	(b) 5,151
Wheat	154,656	138,133	107,528	126,091	92,647	66,892	(b) 144,067	(c) 137,762	(c) 195,678	(c) 166,172
Total Cereals for Grain	207,917	181,300	155,167	176,503	140,324	112,878	221,120	185,276	265,501	243,713
Hay	29,249	33,280	30,878	34,807	30,534	39,277	46,501	34,413	50,181	37,746
Green Fodder—	6,209	7,720	6,436	5,950	5,567	6,571	6,966	7,572	9,647	8,741
Other Stock Fodder	1,848	2,233	2,204	2,604	2,273	2,237	2,704	3,174	2,409	3,561
Grass Seed	1,185	1,695	2,472	2,892	2,641	2,357	2,396	2,813	2,311	2,087
Industrial Crops—										
Cotton, Unopened	107	316	208	307	254	213	249	556	(b) 917	(b) 647
Flax—For Fibre	157	567	156	118	176	212	60	99	26	9
For Linned	707	44	364	905	1,303	599	748	1,894	950	890
Hops	1,021	802	1,106	1,102	637	1,137	1,213	1,159	1,179	1,242
Peanuts	906	2,170	(b) 1,189	(b) 888	(b) 962	(b) 2,244	(b) 3,520	(b) 3,782	(b) 2,089	(b) 1,341
Sugar Cane—										
Cut for Crushing	29,335	18,424	38,737	34,906	39,561	45,964	46,036	43,564	49,229	48,218
Cut for Plants	1,160	1,195	969	880	1,131	1,382	1,240	1,210	1,351	1,390
Tobacco (Dried Leaf)	2,579	3,816	3,823	3,200	4,503	6,202	7,920	12,125	13,051	12,122
Other	734	229	1,050	2,577	3,127	616	372	446	385	(b) 1,156
Total Industrial Crops	36,706	47,377	47,602	44,831	51,054	58,589	61,418	61,815	69,377	67,003
Vegetables for Human Consumption—	40,355	36,652	38,420	55,861	80,661	36,602	40,272	42,912	50,916	51,957
Vineyards—										
Grapes—Table	1,388	1,360	1,380	1,337	1,579	1,791	1,905	1,556	2,299	1,847
Wine	3,125	3,090	2,392	2,293	3,211	3,853	3,553	3,469	4,444	5,501
Dried Raisins, Currants and Sultanas	11,238	9,038	8,521	6,881	10,446	12,693	13,137	9,673	11,125	12,467
Total Vineyards	15,751	13,488	12,293	10,511	15,406	18,337	18,496	14,658	17,868	19,815
Fruit (f)	42,031	46,415	46,568	46,349	49,898	59,150	54,025	51,553	59,773	63,363
Nurseries and Cut Flowers	1,326	1,479	1,717	1,766	1,919	3,761	4,164	4,664	6,383	5,265
All Other Crops	(g) 531	(g) 475	(g) 658	(g) 781	(g) 770	(g) 786	(g) 671	(g) 714	(g) 825	865
Total Crops	383,108	372,135	339,635	384,937	352,148	340,846	459,892	410,341	553,681	504,172

(a) Includes Northern Territory for years prior to 1954-55; included thereafter. Includes amounts paid as bounty, relief, &c. (b) Incomplete; for particulars see the Primary Industries bulletin for the year concerned. (c) Includes Commonwealth Government payments of £3,022,000, £8,884,000 and £7,288,000 for 1959-60, 1960-61 and 1961-62 respectively. (d) Includes safflower; for years prior to 1961-62, safflower is included in "All Other Crops". (e) For details see Table No. 96. (f) For details see Table No. 97. (g) Includes safflower; for years subsequent to 1960-61, safflower is included in "Other Industrial Crops".

No. 90.—Crops: Average Unit Gross Value, Australia (a)
(£ s. d.)

Crop	Unit of Quantity	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Cereals for Grain—											
Barley—2 and 6 Row	bushe	0 15 8	0 10 2	0 12 5	0 10 1	0 10 1	0 11 6	0 10 7	0 9 9	0 9 2	0 10 7
Malt	"	0 16 3	0 15 3	0 14 3	0 14 7	0 13 7	0 17 9	0 13 6	0 12 0	0 16 10	0 14 6
Oats	"	0 7 0	0 7 6	0 8 7	0 6 10	0 6 11	0 10 0	0 7 2	0 7 10	0 6 9	0 7 3
Panicum, Millet and Setaria	"	0 16 10	0 15 9	0 13 6	0 14 5	0 14 5	0 14 8	0 14 6	0 11 9	0 19 8	0 16 6
Rice	"	0 13 10	0 8 8	0 11 8	0 10 2	0 12 0	0 15 4	0 9 9	0 12 2	0 11 0	0 10 10
Rye	"	0 14 2	0 9 9	0 9 10	0 10 1	0 9 10	0 11 1	0 10 5	0 9 10	0 10 8	0 11 1
Sorghum	"	0 15 10	0 13 11	0 12 9	0 12 11	0 13 9	0 13 9	0 13 5	0 13 11	0 14 4	0 15 7
Wheat	"	10 11 7	10 17 11	10 16 1	12 14 0	13 11 2	15 5 6	12 1 0	16 10 1	11 12 1	11 2 3
Hay	ton	13 9 3	15 14 3	18 1 8	12 14 0	13 11 2	15 5 6	12 1 0	16 10 1	11 12 1	11 2 3
Green Seed	cwt.	0 1 6	0 1 3	0 1 2	0 1 2	0 1 2	0 1 3	0 1 3	0 1 2	0 1 2	0 1 2
Industrial Crops—											
Cotton, Unopened	lb.	15 8	16 12	15 11	15 7 6	15 18 3	16 6 11	16 8 5	14 6 5	14 14 1	12 18 3
Flax—For Fibre	ton	71 4 10	69 18 7	66 17 7	68 6 11	69 18 0	69 14 11	70 0 1	70 13 5	70 0 8	69 18 6
For Linned	ton	31 1 8	32 10 5	32 8 7	32 1 7	33 19 10	34 15 0	34 17 9	36 9 2	35 12 5	37 14 2
Hops	cwt.	5 2 4	5 16 9	4 2 2	5 0 4	5 7 9	5 19 8	5 10 8	4 15 0	4 41 5	4 9 7
Peanuts	ton	4 4 3	4 5 3	3 16 10	3 18 5	4 5 5	4 19 5	4 10 2	4 16 9	5 7 5	5 0 8
Sugar Cane—	ton	0 7 11	0 9 11	0 11 3	0 10 6	0 10 4	0 10 9	0 11 4	0 11 7	0 8 9	0 10 9
Vineyards—											
Grapes—Table	ton	90 18 11	87 17 7	91 2 5	109 17 1	108 11 1	98 15 5	102 11 0	90 18 5	119 1 8	88 19 5
Wine	ton	19 4 1	18 14 6	18 10 4	18 0 6	19 15 6	21 0 6	20 4 8	23 3 9	24 7 8	24 4 5
Dried Raisins, Currants and Sultanas	ton	111 11 3	100 10 5	105 10 3	118 0 1	130 10 0	140 3 4	150 11 1	138 12 0	136 4 4	128 16 5

(a) Includes amounts paid as bounty, relief, &c. For particulars for fruit other than vine, see Table No. 95 and for Vegetables, see Table No. 97.

No. 91.—Crops: Local Value, Season 1961-62
(£'000.)

Crop	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Cereals for Grain—									
Barley—2 Row	1,106	1,008	1,261	9,108	519	228			18,994
Barley—3 Row	571	41	61		3,297				3,981
Maize	1,380	40	2,511	1					4,932
Oats	1,196	4,459	120	1,246	6,614	363	(b)	5	13,996
Panimum, Millet and Setaria	15	57	567					(c)	3,111
Rye	3,311	71		75	25	4	(a)	(d)	3,481
Sorghum	14								15
Wheat	46,584	16,671	7,387	23,113	41,812	219		18	159,864
Total Cereals for Grain	58,850	43,136	18,811	33,543	53,293	711	(a)	21	632,969
Hay—									
Barley	1	13	15	63	29	12			131
Lucerne	4,874	769	2,919	329	21	12		31	8,574
Grass	660	2,414	56	765	1,808	340		4	5,965
Rye	38	1		5	5	4			45
Wheat	8,50	183	116	147	485	15		2	2,140
Other	2,452	9,886	15	617	1,287	1,977	6	5	16,132
Total Hay	8,301	13,533	3,109	2,143	3,603	2,288	6	42	37,191
Green Fodder—									
Other Stock Fodder	1,969	1,091	4,311	699	(a)	866	(b)	3	8,741
	85	1,010	76	240	41	1,800			3,152
Green Seed—									
Lucerne	127	(a)	2	241	11	(b)		(c)	340
Other	207	111	194	140	45	19		5	706
Total Green Seed	401	295	196	386	478	12	(b)	5	1,047
Industrial Crops—									
Almonds									27
Brown Millet—Fibre	136	20	12						168
Grain	11	2	662	(a)				(c)	871
Castor Seed	34	(a)	7	580				(c)	614
Flax—Unspun									4
Flax—For Fibre	54	407	132	18	2	831		(c)	1,139
For Linen		56	19		5	11		(c)	54
Hops									1,119
Mustard									54
Peasants	36		54	(a)				(c)	86,981
Safflower	2,373		44,668						1,390
Sugar Cane—Cut for crushing			1,590						51
For Juice			43						51
Sunflower Seed	181		6		24				11,588
Tobacco (Dry Leaf)	1,315	1,315	6,814						94,611
Total Industrial Crops	3,762	4,282	35,677	23	17	841	11		118,511
Vegetables for Human Consumption—									
Potatoes	1,452	5,178	1,238	1,977	1,175	1,531	(d)	8	17,331
Other Vegetables	5,969	8,756	4,527	3,514	2,277	1,261	35	26	27,607
Total Vegetables	9,621	14,134	7,715	5,491	3,452	2,792	35	34	44,938
Vineyards—									
Grapes—Table	446	455	775	69	141				1,406
Wine	817	345	13	4,168	118				5,501
Current, Dried	49			117	241				361
Raspberries	161	657		134					848
Strawberries	1,235	6,168		1,070					8,473
Total Vineyards	2,738	7,660	788	5,749	526				17,212
Fruit—									
Apples	2,851	3,551	1,156	1,441	1,514	4,216	9	8	13,741
Pears	5,717	5,114	459	1,574	513				7,387
Orchard	4,451	6,677	742	2,445	743	307		(b)	16,477
Non Orchard	8,775	281	1,679	2,774	43	451			8,662
Total Fruit	15,894	16,421	3,536	5,725	2,855	5,124	18	8	43,117
Nutrients and Cut Flowers—									
Almonds	953	2,443	111	516	304	1,014		1	4,680
Other	153	231	138	64	48	106	4		742
All Other Crops	162,921	98,738	92,758	54,557	61,857	11,940	75	117	428,963

(a) Not available for publication. Included in "All Other Crops". (b) Not available for publication. (c) Incomplete, see footnote to individual States. (d) Includes, payment of £2,288,000 by Commonwealth Government. (e) Incomplete, includes only green fodder for lucerne. (f) Incomplete, includes lucerne grown in pasture for grazing. (g) Not available. (h) Less than £500. (i) Not available separately, included in "All Other Crops". (j) Not available for publication, included in "Other Vegetables". (k) For details see Table No. 94. (l) Includes Government subsidy of £50,000 to compulsory bad insurance scheme for apples and pears in Tasmania.

No. 92.—Fruit: Gross Value of Production, Season 1961-62
(£'000.)

Fruit	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Orchard Fruit—									
Apples	4,038	2,932	1,616	1,591	2,025	7,797		4	20,603
Citrus—									
Oranges	1,574	429		1,156				(a)	6
Navel	3,291	469		1,181				(a)	6
Valencia	18	16		3				(a)	6
Seville and Poorman	31	17		25				(a)	6
Other									
Total Oranges	4,914	911	659	2,365	522			6	9,397
Mandarin	316	46	424	81	48		(b)		915
Lemons and Limes	417	199	103	44	66			2	831
Grape Fruit	219	78	29	74	14			1	415
Other	1			(b)	(b)				1
Total Citrus Fruit	5,857	1,254	1,215	2,764	650			9	11,759
Other Orchard Fruit—									
Apricots	849	695	101	1,092	82	56			2,877
Cherries	661	324	2	222	3	8			1,220
Custard Apple	1		42					(b)	43
Figs	7	3	5	20	8				10
Lyons	(b)				1			(b)	101
Mangoes	1		99		1			(b)	230
Nectarines	97	27	6	59	29	2			230
Peaches—Canning	669	2,150	231	778	151	5		(c)	4,767
Other	369	91	95	498	229	505		(c)	7,204
Pears—Canning	787	4,721		(b)	1			(c)	8
Other	7								
Plums	209	178	171	54	166	14		(c)	1,661
Prunes	753	20		96					44
Quinces	15	19	(b)	8	1	1			35
Other	1		34		(b)				
Total Other Orchard Fruit	5,209	8,137	788	2,828	689	591		(b)	18,231
Total Orchard Fruit	15,114	12,321	3,619	7,183	3,355	(e) 8,437	9	4	(e) 50,645
Plantation Fruit—									
Bananas	7,542		973		112			4	8,631
Papaya	3		407		(b)			1	411
Pineapple	75	6	51		10				142
Pineapples	48		2,662					2	2,712
Total Plantation Fruit	7,668	6	4,091		122			7	11,896
Small Fruit—									
Current, Black and Red		34		11	(b)			128	129
Raspberries								210	274
Strawberries	4	178	258	31	7			26	504
Other	10	64	7	5	(b)			81	167
Total Small Fruit	14	276	265	48	7	465			1,075
Olives	18	27		8	3				56
Edible Nuts—									
Almonds	5	19		210	2				236
Walnuts	2	24		13	4				43
Other	4	2	5	1	(b)				12
Total Edible Nuts	11	45	3	224	6				291
Total All Fruit	22,825	12,677	7,982	7,463	3,493	8,903	16	4	63,363

(a) Included in Valencia. (b) Less than £500. (c) Not available for publication; included with "Other". (d) Incomplete, see footnote to individual States. (e) Includes Government subsidy of £50,000 to compulsory bad insurance scheme for apples and pears in Tasmania.

No. 93.—Fruit: Gross Value of Production, Australia(a)
(£'000)

Fruit	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Orchard Fruit—										
Apples	11,939	14,683	13,969	16,594	15,188	19,211	16,539	17,174	20,643	20,003
Citrus	6,745	5,996	7,165	7,031	6,954	8,724	8,918	7,407	9,470	9,597
Oranges	512	557	569	610	548	667	723	705	811	915
Mandarins	585	650	678	676	602	971	885	965	945	831
Lemons and Limes	208	199	236	239	263	347	347	313	365	416
Other										
Total Citrus Fruit	8,050	7,492	8,639	8,556	8,367	10,709	10,873	9,999	11,591	11,759
Other Orchard Fruit—										
Apricots	2,901	2,788	2,010	2,286	2,731	2,400	2,054	2,013	1,935	2,877
Cherries	976	1,011	1,043	1,051	1,108	1,067	1,191	1,354	1,305	1,220
Custard Apples	23	15	28	27	46	32	27	32	40	43
Figs	64	56	49	69	72	81	72	67	51	43
Loquats	13	9	12	14	16	14	11	13	10	10
Mangoes	13	26	21	28	37	82	17	31	111	101
Nectarines	224	196	201	272	214	247	241	209	251	220
Peaches	3,304	3,490	3,606	3,365	3,724	3,854	3,194	3,293	3,470	(b) 4,767
Pears	3,912	4,455	4,628	4,681	5,483	6,635	4,916	5,161	6,592	(b) 7,204
Persimmons	4	5	5	5	5	6	7	8	8	8
Plums and Prunes	1,586	1,351	1,220	1,380	1,398	1,478	1,479	1,579	1,828	(b) 1,661
Quinces	66	52	43	47	67	66	41	32	32	44
Other	8	5	7	20	10	13	15	16	21	35
Total Other Orchard Fruit	12,214	13,479	12,873	13,242	14,911	15,975	13,265	14,007	15,654	18,233
Total Orchard Fruit	32,203	35,564	35,481	38,397	38,466	45,895	40,877	40,571	47,888	50,045
Plantation Fruit—										
Bananas	6,171	7,311	7,350	5,740	7,288	9,121	8,588	7,613	7,715	8,611
Papaws	201	244	263	216	282	272	308	296	327	411
Passion Fruit	136	154	257	234	128	107	164	148	168	142
Pineapples	2,521	2,348	2,332	2,623	2,479	2,431	2,974	1,891	2,508	2,712
Total Plantation Fruit	9,029	10,057	10,202	8,842	10,177	11,931	12,014	9,948	10,718	11,896
Small Fruit—										
Currents, Black and Red	81	90	109	149	137	184	203	159	183	129
Raspberries	210	190	212	291	275	291	294	272	169	275
Strawberries	149	129	174	287	376	422	315	298	350	504
Other	100	111	99	113	125	129	159	174	(c) 134	167
Total Small Fruit	540	520	594	840	913	1,026	971	903	836	1,075
Olives	28	38	30	55	78	39	86	75	55	56
Edible Nuts—										
Almonds	204	198	230	177	212	213	213	216	220	236
Walnuts	21	28	22	29	41	36	38	41	40	43
Other	6	10	9	9	11	10	6	9	16	12
Total Edible Nuts	231	236	261	215	264	259	257	266	276	291
Total All Fruit	42,031	46,415	46,568	48,349	49,898	59,150	54,025	51,763	59,773	63,363

(a) Includes Northern Territory for years prior to 1954-55; included thereafter. Includes amounts paid as bounty, relief, &c. (b) Incomplete; see footnote to Table No. 92. (c) Includes black and red currants for Victoria.

No. 94.—Fruit: Local Value of Production, Season 1961-62
(£'000)

Fruit	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Orchard Fruit—									
Apples	2,853	2,551	1,156	1,431	1,534	4,216		4	13,745
Citrus									
Oranges									
Navel	996	304							
Valencia	2,082	330							
Seville and Poorman	15	14	451		407				6,091
Other	24	12			15				
Total Oranges	3,117	660	451	1,430	407				6,091
Mandarins	224	34	318	52	40				668
Lemons and Limes	227	166	71	30	56				552
Grape Fruit	146	54	19	43	10				273
Other	1								1
Total Citrus Fruit	3,715	914	859	1,575	513				7,585
Other Orchard Fruit—									
Apricots	577	583	82	951	67	49			2,309
Cherries	535	253		216	3	8			1,016
Custard Apples	(b)			30					30
Figs	7	3	4	17	6				37
Loquats	(b)			1	7				8
Mangoes				63					65
Nectarines	67	24		54	21	2			175
Peaches	820								
Pears—Canning	391	1,877	159	619	119	4			3,989
Other	296	3,809	66	441	177	235			5,594
Persimmons	4			(b)	(b)				4
Plums	132	99	119	48	139	6			414
Prunes	543	16		32					1,194
Quinces	9	13	(b)	6	1	1			30
Other	1			23	(b)				24
Total Other Orchard Fruit	3,933	6,677	532	2,445	547	305			14,475
Total Orchard Fruit	10,521	10,142	2,567	3,451	2,590	4,521			40,585
Plantation Fruit—									
Bananas	5,245		666		60				5,975
Papaws	2		107		(b)				310
Passion Fruit	61	4			9				115
Pineapples	32		1,975						2,009
Total Plantation Fruit	5,340	4	2,589		69				8,409
Small Fruit—									
Currents, Black and Red					1				127
Raspberries					11	(b)			223
Strawberries					189	29			393
Other					7	4			78
Total Small Fruit	13	212	196	45	6	453			923
Olives	13	27			7	3			50
Edible Nuts—									
Almonds	4	16		208	2				230
Walnuts	2	20		13	1				38
Other	3	2	4	1	(b)				10
Total Edible Nuts	9	38	4	222	3				278
Total All Fruits	15,896	10,423	5,756	5,725	2,673	5,024			45,517

(a) Included with Valencia. (b) Less than £500. (c) Not available for publication; included with "Other". (d) Incomplete; see footnote to individual States. (e) Includes Government subsidy of £50,000 to compulsory hail insurance schemes for apples and pears in Tasmania.

No. 95.—Fruit: Average Unit Gross Value, Australia(a)
(£ s. d.)

Fruit	Unit of Quantity	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Orchard Fruit—											
Apples	ton	1 5 10	1 3 7	1 3 11	1 4 8	1 8 2	1 6 2	1 5 4	1 4 5	1 6 7	1 3 4
Oranges	ton	1 8 1	0 19 8	1 5 0	1 1 1	1 1 4	1 8 1	1 10 2	0 19 11	1 10 4	1 13 0
Grapes and Limes	ton	0 16 9	0 17 11	0 19 0	0 16 3	0 15 8	1 8 9	1 6 9	1 5 6	1 2 7	0 19 10
Other Orchard Fruit—											
Apricots	ton	1 11 8	1 12 0	1 6 0	1 13 2	1 18 0	1 10 6	1 8 9	1 6 5	1 9 1	1 10 9
Cherries	ton	4 1 6	3 6 9	3 7 5	4 8 8	4 12 2	3 19 11	4 11 11	4 7 11	4 17 2	4 8 11
Guavas	ton	1 12 10	1 10 3	1 17 1	1 7 5	1 14 8	1 18 3	1 18 1	1 11 3	2 1 6	1 11 0
Guava Apples	ton	1 1 10	1 1 10	0 19 4	1 2 5	1 11 4	1 7 7	1 4 8	1 8 5	1 5 6	1 4 9
Figs	ton	1 11 9	1 15 7	1 11 9	2 1 7	1 19 2	2 1 6	1 12 7	2 1 2	1 17 10	1 14 7
Lyons	ton	1 1 0	0 9 10	0 11 2	0 11 8	1 7 0	1 18 1	0 19 6	1 8 5	2 6 8	1 18 6
Malines	ton	1 14 0	1 8 1	1 9 9	2 0 8	2 2 9	1 15 7	1 79 3	1 15 8	2 4 11	1 14 9
Nectarines	ton	1 4 8	1 0 11	1 3 5	0 7 7	1 14 2	1 6 0	1 4 8	1 7 7	1 8 10	1 4 1
Peaches	ton	1 2 3	1 0 1	0 19 8	1 2 3	1 1 10	1 5 0	1 0 9	1 0 4	1 4 7	1 1 11
Pears	ton	0 14 0	0 17 0	0 16 7	1 3 9	1 0 9	1 7 1	1 13 2	1 4 1	1 8 1	1 3 6
Persimmons	ton	1 14 9	1 2 1	2 8 9	1 2 9	2 8 6	1 15 8	1 16 11	1 14 11	1 18 10	1 14 6
Plums and Prunes	ton	0 11 8	0 9 7	0 11 6	0 12 10	0 13 11	0 14 2	0 11 0	0 12 2	0 11 8	0 11 7
Plantation Fruit—											
Bananas	ton	2 15 0	2 4 0	2 6 10	1 4 3	2 0 2	2 14 3	1 18 2	1 11 0	1 11 11	1 15 8
Papayas	ton	3 1 6	0 14 8	0 17 1	0 11 0	0 11 10	0 19 4	0 11 9	0 10 8	0 12 5	0 16 5
Pineapples	ton	2 19 3	2 16 7	2 19 6	3 6 9	2 12 0	2 15 5	3 1 3	2 12 9	3 4 8	3 1 14
Guavas	ton	1 1 0	0 14 5	0 12 8	0 11 11	0 11 7	0 12 1	0 11 5	0 7 5	0 13 0	0 11 10
Small Fruit—											
Currents, Black and Red	cwt.	3 9 3	3 9 4	4 17 11	5 1 3	5 19 1	7 1 8	5 16 2	6 0 7	6 14 9	6 11 4
Raspberries	cwt.	3 15 6	3 10 9	4 9 4	5 2 7	6 3 7	6 6 10	5 12 4	5 8 3	5 4 3	5 18 4
Strawberries	cwt.	9 12 4	11 9 4	14 0 0	16 9 11	14 12 9	16 4 1	12 4 4	14 12 11	18 16 4	17 13 2
Olives	ton	2 5 0	1 18 5	2 8 0	2 7 7	2 19 4	2 18 9	3 0 11	1 14 4	2 11 9	2 19 5
Edible Nuts—											
Almonds	lb.	9 2 1	0 2 1	0 2 1	0 2 2	0 2 3	0 2 0	0 2 5	0 2 4	0 2 4	0 2 3
Walnuts	lb.	0 2 4	0 2 7	0 2 7	0 3 0	0 2 0	0 2 0	0 2 10	0 3 2	0 3 1	0 3 3

(a) Includes amounts paid as bounty, relief, &c.

No. 96.—Vegetables for Human Consumption: Gross Value of Production, Australia(a)
(£'000)

Vegetable	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	
Beans—French and Runner (Harvested Green)	2,316	2,664	2,548	3,252	3,402	2,687	2,556	2,659	3,086	3,084	
Cabbages and Brussels Sprouts	1,670	1,777	1,733	2,112	2,040	1,561	1,706	1,639	1,964	1,516	
Carrots	(b)	1,604	1,282	1,912	1,970	1,468	1,777	2,081	1,862	2,480	
Cauliflowers	2,483	2,072	2,037	2,181	2,720	2,170	2,422	2,226	2,422	2,095	
Lettuces	1,121	1,317	1,265	1,482	1,241	1,521	1,396	2,040	1,726	1,645	
Onions—White and Brown	1,107	1,662	1,586	1,973	2,516	1,274	1,920	2,841	1,833	2,547	
Peas—Green	769	665	569	688	949	541	709	811	941	835	
Potatoes	(c)	3,684	3,152	(c)	3,521	(c)	3,954	(c)	3,379	3,350	3,994
Tomatoes	14,707	12,075	13,449	25,895	17,955	9,969	13,109	13,460	19,365	20,697	
All Other Vegetables	(b)	5,635	6,207	6,974	7,807	6,171	6,020	6,236	6,974	7,478	
	12,558	15,949	18,420	35,861	50,661	36,602	40,272	42,912	50,916	51,987	
Total for Human Consumption	40,355	36,552	38,420	55,861	50,661	36,602	40,272	42,912	50,916	51,987	

(a) Excludes Northern Territory for years prior to 1954-55; thereafter included. (b) Not available; included in "All Other Vegetables".
(c) Excludes peas for canning in Western Australia, details of which are included in "All Other Vegetables".

No. 97.—Vegetables for Human Consumption: Average Unit Gross Value, Australia(a)
(£ s. per ton)

Vegetable	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Beans—French and Runner (Harvested Green)	117 5	139 8	130 12	149 16	130 9	115 14	102 3	100 4	117 4	100 13
Cabbages and Brussels Sprouts	21 7	25 14	26 3	31 3	26 3	22 9	24 5	23 16	27 14	26 5
Carrots	(b)	44 8	33 14	50 1	41 9	30 16	40 12	44 17	57 8	47 18
Cauliflowers	31 3	25 19	28 2	31 0	34 13	24 5	25 16	27 12	31 2	29 19
Lettuces	73 1	83 6	88 7	96 3	76 18	89 7	72 9	105 1	94 0	78 14
Onions—White and Brown	23 5	36 6	32 8	49 10	46 10	17 14	17 14	50 0	34 5	43 13
Peas—Green	56 19	55 3	53 5	62 9	75 3	43 12	62 10	66 11	70 2	62 9
Potatoes	89 1	97 3	99 19	92 11	82 16	76 9	65 18	62 4	66 4	49 9
Tomatoes	34 2	22 1	28 14	64 9	34 12	17 6	22 16	23 5	42 19	39 7
All Other Vegetables	(b)	72 14	70 11	75 14	53 4	51 9	50 13	51 11	49 10	51 5

(a) Excludes Northern Territory for years prior to 1954-55; thereafter included. (b) Not available.

SECTION VI.—GROSS AND LOCAL VALUE OF PASTORAL PRODUCTION

No. 98.—Pastoral Production: Gross Value and Price Indexes, Australia(a)

Year	Total Gross Value	Value per Head of Population	Price Indexes (b)	Year	Total Gross Value	Value per Head of Population	Price Indexes (b)
	£'000	£ s.	Average 1936-37 to 1938-39 = 100		£'000	£ s.	Average 1936-37 to 1938-39 = 100
1942-43	115,891	16 3	123	1952-53	557,495	64 3	531
1943-44	124,382	17 3	128	1953-54	557,653	61 0	534
1944-45	112,771	15 8	128	1954-55	529,368	58 5	489
1945-46	99,607	13 9	133	1955-56	518,083	55 42	451
1946-47	147,145	19 13	152	1956-57	678,070	71 3	536
1947-48	216,432	28 9	263	1957-58	544,918	55 19	435
1948-49	267,880	34 10	313	1958-59	538,048	54 2	396
1949-50	372,155	46 10	386	1959-60	617,594	67 14	464
1950-51	755,250	51 8	818	1960-61	565,282	54 8	443
1951-52	449,820	53 0	501	1961-62	593,659	55 19	421

(a) Excludes Northern Territory and Australian Capital Territory for years prior to 1954-55; thereafter included.

(b) See preceding Table No. 109.

No. 99.—Pastoral Production: Gross Value, 1961-62
(£'000)

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Wool (shorn and dead)	145,517	65,001	48,245	39,982	39,254	7,134	18		345,869
Sheep Slaughtered (including value of wool on skins, fellmongered and exported)	37,488	32,513	5,230	9,992	6,234	2,537 (b)	1	110	94,103
Beef Cattle Slaughtered(a)	35,397	(c) 46,366	(c) 52,617	5,891	7,167	1,984	1,340	247	153,009
Other Pastoral Products	512		106	60					678
Total	218,914	143,880	106,198	55,925	52,655	11,655	1,357	1,075	593,659

(a) Includes adjustment for net export of livestock.

(b) The minus sign (-) indicates that the value of net imports exceeds the value of sheep slaughtered.

(c) Includes Dairy Cattle Slaughtered.

No. 100.—Pastoral Production: Gross Value, Australia(a)
(£'000)

Particulars	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Wool (shorn and dead)	400,331	385,299	343,392	334,220	483,298	341,996	294,532	367,065	317,308	345,869
Sheep Slaughtered (including value of wool on skins, fellmongered and exported)	63,661	71,267	75,638	77,333	80,195	78,892	76,416	96,342	100,310	94,103
Beef Cattle Slaughtered(a)	93,064	100,639	107,895	106,085	114,044	121,476	166,668	173,458	147,121	153,009
Other Pastoral Products	439	448	443	445	533	564	432	729	543	678
Total	557,495	557,653	529,368	518,083	678,070	544,918	538,048	637,594	565,282	593,659

(a) Excludes Northern Territory and Australian Capital Territory for years prior to 1954-55; thereafter included.

(b) Includes adjustment for net export of livestock.

(c) Includes Dairy Cattle Slaughtered for Victoria and Queensland.

SECTION VII.—GROSS AND LOCAL VALUE OF DAIRYING, POULTRY AND BEE-FARMING

No. 104.—Dairying, Poultry and Bee-farming: Gross Value and Price Indexes, Australia

No. 101.—Pastoral Production: Local Value, 1961-62
(£'000)

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Wool (shorn and dead)	134,440	54,463	44,265	37,361	36,403	6,806	16	686	314,440
Sheep Slaughtered (including value of wool on skins, fellsomerged and exported)	33,137	29,494	4,097	8,947	5,620	2,246	(b)	103	83,643
Beef Cattle Slaughtered	32,090	(c)43,017	(c)48,258	5,467	6,597	1,811	2,590	236	140,066
Other Pastoral Products	448		100	52					600
Total	200,115	126,974	96,720	51,827	48,620	10,863	2,605	1,025	536,749

(a) Includes adjustment for net export of lambs.

(b) The minus sign (-) indicates that the value of net imports exceeds the value of sheep slaughtered.

(c) Includes Dairy Cattle Slaughtered.

No. 102.—Pastoral Production: Average Unit Gross Value, Australia

Particulars	Unit of Quantity	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Wool (as in the grease, shorn and dead)	lb.	d	d	d	d	d	d	d	d	d	d
		81.80	81.50	70.88	61.46	79.66	62.45	48.57	57.78	51.71	58.96
Sheep Slaughtered (including value of wool fellsomerged and exported on skins)	each	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.
		2 19	3 5	3 9	3 15	3 19	3 4	2 15	2 18	3 4	2 17
Beef Cattle Slaughtered	ea	29 13	29 10	30 15	29 11	28 14	28 18	35 3	43 6	42 18	35 9

(a) Average price realized for all greasy wool of whatever type or quality marketed in Australia during the year (Source: National Council of Wool Selling Brokers of Australia).

(b) Excludes Northern Territory and Australian Capital Territory prior to 1954-55; thereafter included.

No. 103.—Wool (as in the grease): Estimated Gross Value of Total Production
(£'000)

Season	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
1952-53	192,124	78,761	59,003	46,579	39,164	6,330	103	793	425,807
1953-54	180,781	73,384	61,125	44,414	42,523	6,655	90	776	409,768
1954-55	155,135	75,125	52,109	41,602	35,013	7,237	68	654	367,138
1955-56	149,128	69,020	51,134	39,911	35,881	6,190	92	708	354,064
1956-57	217,124	97,659	77,522	57,589	46,965	9,974	106	976	507,615
1957-58	(d)31,317	76,255	53,836	42,354	39,209	7,742	67	606	363,406
1958-59	134,764	59,471	45,073	33,797	30,915	6,844	36	513	311,415
1959-60	168,112	75,952	54,574	42,691	39,334	8,254	35	810	389,761
1960-61	138,881	69,265	50,859	37,542	36,512	7,229	29	614	340,431
1961-62	154,920	74,219	50,637	47,900	41,260	7,876	18	724	372,554

(a) Including shorn, dead and fellsomerged wool and wool exported on skins. Gross values are as computed by statisticians using the average auction price received by the National Council of Wool Selling Brokers and other available data. They exclude distributions of profits from the waxing and shearing plant, which were virtually completed by 30th June, 1959.

Year	Total Gross Value	Value per Head of Population	Price Indexes (b)	Year	Total Gross Value	Value per Head of Population	Price Indexes (b)
	£'000	£ s.	Average 1936-37 to 1938-39 = 100		£'000	£ s.	Average 1936-37 to 1938-39 = 100
1942-43	71,008	9 18	130	1952-53	224,926	25 13	387
1943-44	78,137	10 16	147	1953-54	230,105	26 0	395
1944-45	81,767	11 3	152	1954-55	235,012	25 17	371
1945-46	87,305	11 16	159	1955-56	235,564	27 4	392
1946-47	87,490	11 14	158	1956-57	245,938	25 16	386
1947-48	103,373	13 12	183	1957-58	242,706	24 18	382
1948-49	117,921	15 4	197	1958-59	237,024	23 17	386
1949-50	135,440	16 18	228	1959-60	275,078	27 1	402
1950-51	148,884	18 0	258	1960-61	275,595	26 7	404
1951-52	179,688	21 3	332	1961-62	269,104	25 7	374

(a) Excludes Northern Territory and Australian Capital Territory for years prior to 1954-55; thereafter included. Includes Government assistance.

(b) See note preceding Table No. 109.

No. 105.—Dairying, Poultry and Bee-farming: Gross Value, 1961-62
(£'000)

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Whole Milk used for—									
Butter	14,154	12,028	12,352	2,598	2,678	4,102			67,912
Cheddar	1,192	5,147	1,960	2,714	(b)	(b)			11,341
Preserved Milk Products	1,656	6,373	1,118						9,641
Human Consumption and Other Purposes	12,059	15,252	8,420	4,219	3,494	2,313	218		65,973
Subsidy Paid on Whole Milk for—									
Butter	2,435	6,013	2,215	428	466	690			12,247
Cheese	141	531	195	342	31	13			1,253
Total Subsidy	2,576	6,544	2,410	770	497	703			13,500
Total Whole Milk (including subsidy)	51,547	65,344	26,360	10,301	7,071	7,626	218		168,367
Pigs Slaughtered	7,212	6,244	6,752	2,784	2,588	1,348	19	6	26,953
Dairy Cattle Slaughtered	7,989	61	1,839	285					10,916
Eggs	18,619	16,416	2,906	2,117	2,777	1,566	70	159	44,130
Poultry	5,809	6,687	1,766	1,427	110	277	27	28	16,731
Honey	658	591	54	296	253	23			1,877
Beehives	49	34	4	25	16	2			130
Total	91,883	95,316	37,742	18,789	13,200	11,645	116	413	269,104

(a) Excludes Commonwealth subsidy, which is shown separately in this table. (b) Not available for publication. (c) Not available separately, included with Beef Cattle Slaughtered. See Table No. 99. (d) Incomplete. See footnotes to individual States. (e) Less than 150.

No. 106.—Dairying, Poultry and Bee-farming: Gross Value, Australia
(£'000)

Particulars	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Whole Milk used for—										
Butter	58,995	57,004	67,801	78,559	66,991	61,252	66,378	72,615	64,601	67,912
Cheddar	9,377	10,077	9,218	8,585	9,398	7,399	10,120	10,124	10,658	11,341
Preserved Milk Products	10,860	9,583	7,531	8,508	8,901	9,540	9,230	10,340	9,376	9,641
Human Consumption and Other Purposes	46,092	46,705	50,377	52,465	55,393	58,179	59,887	61,768	64,098	65,973
Subsidy Paid on Whole Milk for—										
Butter	13,825	13,944	14,780	13,317	12,360	12,305	12,114	12,295	12,275	12,247
Cheese	1,440	1,524	1,301	1,162	1,120	1,195	1,186	1,305	1,225	1,253
Total Subsidy	15,265	15,468	16,081	14,479	13,500	13,500	13,500	13,500	13,500	13,500
Total Whole Milk (including subsidy)	140,589	141,337	151,014	163,016	154,183	149,870	159,065	168,347	162,733	168,367
Pigs Slaughtered	21,703	23,773	21,263	25,543	25,948	25,032	25,553	26,321	26,953	26,953
Dairy Cattle Slaughtered	6,569	8,437	9,657	9,261	8,280	10,425	15,721	14,228	11,864	10,916
Eggs	43,637	41,569	40,650	42,137	41,567	42,320	40,197	45,249	48,554	44,130
Poultry	11,231	11,396	10,835	11,666	11,432	13,150	14,180	14,588	16,240	16,731
Honey	1,113	1,473	1,465	1,801	2,311	1,794	1,803	2,390	1,772	1,877
Beehives	84	120	131	132	157	135	105	155	111	130
Total	224,926	230,105	235,012	253,564	245,938	242,706	257,024	255,078	271,733	269,104

(a) Excludes Northern Territory and Australian Capital Territory for years prior to 1954-55; thereafter included. (b) Excludes Commonwealth subsidy, which is shown separately in this table. (c) Incomplete. Details for Victoria and Queensland included with Beef Cattle Slaughtered. See Table No. 105.

No. 107. Dairying, Poultry and Bee-farming: Local Value, 1961-62 (£ 000)

Particulars	New South Wales	Victoria	Queens- land	South Australia	Western Australia	Tasmania	Southern Territory	Australian Capital Territory	Australia
Whole Milk used for—									
Butter(a)	14,154	30,711	11,845	2,598	2,550	3,988			65,846
Cheese(a)	1,102	4,901	1,783	2,714	(b)	(6)			10,881
Preserved Milk Products	1,656	6,109	991						9,206
Human Consumption and Other Pur- poses	22,770	14,238	7,886	4,219	3,325	2,193		207	54,838
Subsidy Paid on Whole Milk for—									
Butter	2,435	6,013	2,215	428	466	690			12,247
Cheese	141	531	195	342	31	13			1,253
Total Subsidy	2,576	6,544	2,410	770	497	703			13,500
Total Whole Milk (including Subsidy)	42,258	62,494	24,915	10,301	6,742	7,354		207	154,271
Pigs Slaughtered	6,542	5,773	6,405	2,618	2,428	1,270	19	5	25,060
Dairy Cattle Slaughtered	6,954	(c)	6	1,711	266	714		(d)	9,645
Eggs	14,685	14,138	2,067	1,691	1,956	1,409	70	138	36,154
Poultry	5,174	6,185	1,733	1,264	599	250	27	27	15,459
Honey	545	387	45	263	232	22	2	2	1,496
Bee-swarm	45	28	4	23	16	1		(e)	117
Total	76,403	89,005	35,169	17,871	12,239	11,020	116	379	242,202

(a) Includes Commonwealth subsidy, which is shown separately in this table. (b) Not available for publication. (c) Not available separately included with Beef Cattle Slaughtered. See Table No. 101. (d) Incomplete. See footnotes to individual States. (e) Less than £500.

No. 108. Dairying, Poultry and Bee-farming: Average Unit Gross Value, Australia

Particulars	Unit of Quantity	1952-53	1953-54	1954-55	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Whole milk used for—											
Butterfat	gallon	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Cheese	"	1 10s	1 11	1 10s	1 11	1 9s	1 9s	1 10	1 10	1 9s	1 9s
Preserved Milk Products	"	2 2	2 7d	2 14	2 3d	2 11	2 21	2 4s	2 24	2 14	2 0d
Human Consumption and Other Purposes	"	2 7d	2 6d	2 4	2 4d	2 3s	2 5s	2 3d	2 6	2 5d	2 2
	"	3 6s	3 7d	3 7d	3 8s	3 9d	3 11d	3 11d	3 11d	4 0d	4 1d
Pigs Slaughtered	each	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.	£ s.
Dairy Cattle Slaughtered	"	14 15	15 11	11 1	14 1	14 19	12 2	12 5	14 16	13 14	10 10
	"	9 18	9 10	10 18	10 4	9 2	9 15	14 11	16 3	15 3	12 8
Eggs	dozen	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Honey	lb.	4 6d	4 7d	4 4	4 7	4 9	4 7	4 8	4 9	4 11	4 3d
	"	0 9d	0 10	0 10d	1 0d	1 2	1 1d	1 1d	1 0d	1 0	0 10d

(a) Includes Commonwealth Government subsidy.

SECTION VIII. FARM PRODUCTION PRICE INDEXES

The Farm Production Price Indexes shown in the following table relate to average "prices" of farm products realized in the principal markets of Australia. The "price" data used are average unit values for the total quantities of the relevant commodities produced or marketed in each year and the indexes therefore measure both the effects of changes in prices (as such) and of variations in the quality, type, usage, &c., of products marketed. The indexes for any year relate to the average values of farm products produced or marketed in that year, irrespective of the periods in which payment is received by producers.

The indexes have been calculated by the fixed-base weighted aggregative method. "Prices" for each commodity in any year are obtained by dividing gross value of production by the quantity produced in that year. In the original published series of Production Price Indexes the average quantities of the relevant commodities produced in the period 1923-24 to 1927-28 were used as fixed weights. This series has been retained for years up to 1935-36 but re-computed to the base, average 1936-37 to 1938-39 = 100. For 1936-37 and later years, the original series was replaced in December, 1952, by a revised series of indexes in which average quantities of each product marketed during the period 1946-47 to 1950-51 are used as fixed weights. In the revised series, the regimen was extended, and modified to include farm products (as defined by Australian Statisticians) in all cases. Certain other refinements were also incorporated in the revised indexes, the principal of which was the omission of quantities of crops marketed for live-stock feeding in Australia from the weights used for the All Farming Index.

No. 109. Farm Production: Indexes of Prices at Principal Markets, Australia (Averages 1936-37 to 1938-39 = 100)

Year	Agriculture	Pastoral	Dairying, Poultry and Bee-farming	All Farming	Wood (Shewn and Dead)	All Other Farm Products
1911-12	92	66	70	76		
1912-13	86	77	78	81		
1913-14	85	76	74	79		
1914-15	143	85	80	105		
1915-16	100	111	98	106		
1916-17	96	127	103	112		
1917-18	112	139	101	123		
1918-19	133	139	111	132		
1919-20	197	146	154	161		
1920-21	170	132	120	155		
1921-22	150	96	118	112		
1922-23	156	127	125	130		
1923-24	119	161	120	139		
1924-25	159	159	105	142	(a) 296	
1925-26	145	130	120	133	126	
1926-27	129	125	125	129	129	
1927-28	129	146	120	136	148	
1928-29	117	129	122	125	125	
1929-30	110	104	116	108	78	
1930-31	76	82	93	82	65	
1931-32	84	71	83	78	64	
1932-33	79	69	74	74	66	
1933-34	79	105	73	89	126	
1934-35	88	71	79	81	74	
	94	99	87	95	107	
1935-36	114	115	93	109	126	(a) 104
1936-37(b)	98	98	102	99	95	100
1937-38	88	87	105	92	79	96
1938-39	100	105	105	104	102	105
1940-41	106	107	105	107	102	108
1941-42	111	108	107	110	102	113
1942-43	131	123	130	128	118	132
1943-44	149	128	147	139	118	146
1944-45	151	128	152	142	118	150
1945-46	174	133	159	157	118	169
1946-47	194	182	158	185	187	185
1947-48	267	263	183	247	301	230
1948-49	234	313	197	260	366	226
1949-50	272	396	228	316	483	261
1950-51	291	818	258	505	1,099	308
1951-52	355	501	382	410	552	363
1952-53	364	531	387	440	623	379
1953-54	374	534	395	429	621	365
1954-55	376	489	371	401	540	355
1955-56	330	451	392	397	468	373
1956-57	316	536	386	432	607	374
1957-58	336	435	382	388	473	359
1958-59	322	396	386	390	390	360
1959-60	329	464	402	403	440	391
1960-61	349	443	404	402	397	404
1961-62	348	421	374	385	412	376

(a) Not available for previous years.

(b) New index preceding table.

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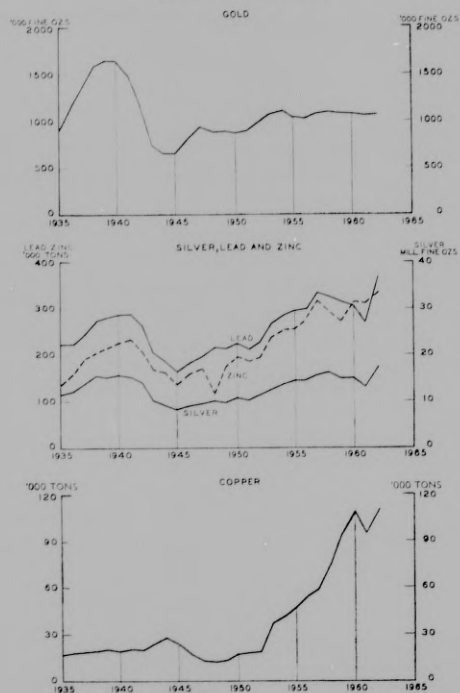
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MINE PRODUCTION OF PRINCIPAL METALS
(METALLIC CONTENT OF MINERALS)
AUSTRALIA, 1935 TO 1962



MINE PRODUCTION OF PRINCIPAL METALS
AND PRODUCTION OF COAL
(METALLIC CONTENT OF MINERALS)
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