

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, AUSTRALIA

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STATISTICAL BULLETIN : THE GOLD MINING INDUSTRY, AUSTRALIA

YEAR ENDED DECEMBER, 1964

GENERAL SUMMARY

The mine production of gold (i.e. the gold content of minerals produced) in Australia during the year ended 31st December, 1964, was 965,561 fine ounces. This was 58,409 fine ounces less than production during 1963 and was the lowest production since 1951 (895,551 fine ounces). Production in Western Australia, the major producing State, was 10.9 per cent. lower in 1964 than in 1963. Of the total output during 1964, Western Australia produced 714,957 fine ounces or 74.0 per cent. of the Australian total. The remaining production came from Queensland, 100,862 fine ounces or 10.5 per cent.; the Northern Territory, 81,458 fine ounces or 8.4 per cent.; Tasmania, 34,421 fine ounces or 3.6 per cent.; and from other States 33,863 fine ounces or 3.5 per cent.

Refinery production of newly-won gold of Australian origin in 1964 was 892,726 fine ounces. This was 65,655 fine ounces less than the 1963 production and 185,693 fine ounces less than the record post-war production of 1957. The value of refined newly-won gold of Australian origin was £13,998,000 in 1964 compared with £14,997,000 in 1963.

PRODUCTION OF GOLD, 1955 TO 1964

Particulars of both mine and refinery production of gold in Australia are shown in Table 1 for the financial years 1954-55 to 1963-64 and the calendar years 1955 to 1964 inclusive. In the case of refinery production, the quantity and value of refined newly-won gold of Australian origin only are shown.

TABLE 1. - PRODUCTION OF GOLD : AUSTRALIA

Year	Mine Production of Gold : Australia (a) (fine ounces)	Refinery Production of Newly-Won Gold of Australian Origin	
		Quantity (fine ounces)	Value (b) (£A'000)
FINANCIAL YEARS			
1954-55	1,080,249	1,082,457	16,939
1955-56	1,032,436	1,035,560	16,193
1956-57	1,062,128	1,059,908	16,599
1957-58	1,083,534	1,106,445	17,301
1958-59	1,099,895	1,064,943	16,645
1959-60	1,087,466	1,073,048	16,770
1960-61	1,074,898	1,031,019	16,203
1961-62	1,069,854	1,036,285	16,205
1962-63	1,071,570	1,005,672	15,734
1963-64	(c)984,370	911,321	14,259
CALENDAR YEARS			
1955	1,049,039	1,054,714	16,503
1956	1,029,821	1,044,164	16,346
1957	1,083,941	1,078,419	16,872
1958	1,103,980	1,069,774	16,720
1959	1,085,104	1,067,129	16,677
1960	1,086,709	1,045,139	16,396
1961	1,076,292	1,036,947	16,241
1962	1,068,837	1,024,623	16,021
1963	1,023,970	958,381	14,997
1964	(c)965,561	892,726	13,998

(a) Gold content of minerals produced in Australia. (b) Based on the price fixed by the Reserve Bank. Includes allowance for premiums on sales of gold overseas and for industrial purposes in Australia; excludes subsidy. (c) Subject to revision.

MINE PRODUCTION OF GOLD

Mine Production of Gold: Particulars of the mine production of gold. (i.e. the gold content of minerals produced) are set out in the following tables.

Those relating to 1964 mine production are subject to revision when 1964 Annual Mining Census is completed. Figures for 1963 and prior years have been finalized in accordance with the results of the Annual Mining Censuses.

(i) States Particulars of the mine production of gold by States and the Northern Territory are set out in Table 2 by months for the year 1964 and for Australia by months for the year 1963. Table 3 shows particulars for the years from 1960 to 1964, and in addition shows the total recorded output since the discovery of gold in 1851, but owing to incomplete information in earlier years this recorded production may fall considerably short of actual totals.

TABLE 2. - MONTHLY MINE PRODUCTION OF GOLD (a)
(fine ounces)

Month	1964 (b)								1963
	N.S.W.	Vic.	Q'ld.	S.A.	W.A.	Tas.	N.T.	Aust.	Aust.
January	469	1,164	5,427	..	69,622	2,815	6,766	86,263	83,150
February	861	1,626	6,659	..	54,025	2,953	6,026	72,150	83,796
March	824	2,761	8,290	..	53,713	2,886	6,319	74,793	87,042
April	669	2,386	9,034	..	54,030	2,793	6,155	75,067	80,961
May	968	1,350	10,662	..	54,851	2,945	5,741	76,517	80,437
June	999	1,925	9,706	1	64,543	2,793	6,141	86,108	95,112
July	969	2,724	8,292	..	60,966	2,626	9,776	85,353	97,719
August	1,032	2,227	8,648	..	67,282	2,958	6,385	88,532	86,145
September	1,072	1,000	8,072	..	53,070	2,752	5,900	71,866	86,481
October	1,035	3,157	7,734	..	59,140	3,200	7,726	81,992	75,510
November	1,061	1,282	7,978	..	65,553	3,000	6,628	85,502	88,586
December	588	1,713	10,360	..	58,162	2,700	7,895	81,418	79,031
YEAR	10,547	23,315	100,862	1	714,957	34,421	81,458	965,561	1,023,970

(a) Details for States refer to gold content of minerals originating in each State and the Northern Territory. (b) Subject to revision.

TABLE 3. - ANNUAL MINE PRODUCTION OF GOLD (a)

State or Territory	1960	1961	1962	1963	1964 (b)	Total (b) 1851-1964
	f.oz.	f.oz.	f.oz.	f.oz.	f.oz.	'000 f.oz.
New South Wales	13,628	12,034	11,234	11,395	10,547	16,468
Victoria	28,566	26,229	28,262	24,668	23,315	73,781
Queensland	78,267	64,786	67,729	68,586	100,862	22,990
South Australia	36	55	48	16	1	451
Western Australia	869,966	870,658	860,039	802,860	714,957	64,875
Tasmania	23,994	26,885	32,115	36,422	34,421	2,530
Northern Territory	72,252	75,645	69,410	80,023	81,458	1,689
AUSTRALIA	1,086,709	1,076,292	1,068,837	1,023,970	965,561	182,784

(a) See footnote (a) to Table 2. (b) Subject to revision.

(ii) Mineral Product: Particulars of the mine production of gold by mineral in which contained are set out in Table 4 by months for the year 1964 and in Table 5 for the years 1960 to 1964.

MINE PRODUCTION OF GOLD (Contd.)TABLE 4. - MONTHLY MINE PRODUCTION OF GOLD BY MINERAL PRODUCT 1964 (a) (b)
(fine ounces)

Month	Copper concentrate	Copper ore	Gold bullion (c)	Lead concentrate	Lead-Copper concentrate	Zinc concentrate	Total
January	7,877	96	75,867	694	1,424	305	86,263
February	8,032	96	61,069	1,103	1,473	377	72,150
March	9,613	96	62,087	1,063	1,567	367	74,793
April	10,304	10	62,116	840	1,447	350	75,067
May	11,902	10	61,468	1,220	1,496	421	76,517
June	11,009	9	72,007	1,157	1,512	414	86,108
July	10,882	13	71,526	1,094	1,426	412	85,353
August	9,730	13	75,615	1,056	1,702	416	88,532
September	9,073	13	59,784	1,099	1,489	408	71,866
October	9,191	..	69,484	1,171	1,700	446	81,992
November	7,993	..	74,251	1,110	1,700	448	85,502
December	12,293	..	66,439	799	1,600	287	81,418
YEAR	117,899	356	811,713	12,406	18,536	4,651	965,561

(a) As despatched from mines or associated treatment plants (including gold batteries).
 (b) Subject to revision. (c) Alluvial gold, retorted gold etc.

TABLE 5. - ANNUAL MINE PRODUCTION OF GOLD BY MINERAL PRODUCT (a)
(fine ounces)

Mineral	1960	1961	1962	1963	1964 (b)
Copper concentrate	88,484	80,672	78,581	91,608	117,899
Copper ore	..	153	223	134	356
Cold concentrate	343	385	..	..	..
Gold - bullion (c)	971,988	967,160	955,285	895,202	811,713
Lead concentrate	11,076	10,977	12,286	13,820	12,406
Lead - Copper concentrate	10,978	12,572	18,021	18,820	18,536
Zinc concentrate	3,840	4,373	4,441	4,386	4,651
TOTAL	1,086,709	1,076,292	1,068,837	1,023,970	965,561

(a) See footnote (a) to Table 4. (b) Subject to revision. (c) Alluvial gold, retorted gold, etc.

MINE PRODUCTION IN PRINCIPAL COUNTRIES

The quantities of gold produced in the principal producing countries and the world total production for the years 1959 to 1963, are shown in the following table.

TABLE 6. - MINE PRODUCTION OF GOLD IN PRINCIPAL COUNTRIES

(Source - Minerals Yearbook, 1964, U.S. Bureau of Mines)

('000 fine ounces)

Country	1959	1960	1961	1962	1963
Republic of South Africa	20,066	21,383	22,942	25,492	27,432
U.S.S.R. (a)	10,000	11,000	11,800	12,200	12,500
Canada	4,483	4,629	4,474	4,178	4,011
United States of America	1,603	1,667	1,548	1,543	1,454
AUSTRALIA	1,085	1,087	1,076	1,069	1,024
Ghana	913	893	853	888	921
Rhodesia and Nyasaland	572	569	574	558	571
Philippines	403	411	424	423	376
Colombia	398	434	401	397	325
Japan	262	261	295	287	262
Other	2,815	2,766	2,813	2,765	2,824
WORLD TOTAL (a)	42,600	45,100	47,200	49,800	51,700

(a) Estimated.

REFINERY PRODUCTION OF GOLD

The refinery production of gold in Australia (of both Australian and oversea origin) is shown in Table 7 for each month of the year 1964. A distinction is made in each case between secondary recovery of gold from scrap material and newly-won gold. In Table 8 particulars of the refinery production of gold in Australia are shown for the years 1960 to 1964.

TABLE 7. - MONTHLY REFINERY PRODUCTION OF GOLD IN AUSTRALIA, 1964

Month	Australian Origin			Overseas Origin		Total
	Newly-won Gold		From Scrap	Newly-won Gold (b)	From Scrap	
	Quantity	Value (a)				
January	fine oz. 67,703	£A.'000 1,059	fine oz. 1,248	fine oz. 9,545	fine oz. 100	fine oz. 78,596
February	105,564	1,650	1,175	6,806	241	113,786
March	68,181	1,067	1,443	10,268	..	79,892
April	68,287	1,069	2,013	14,842	..	85,142
May	71,784	1,126	1,580	11,712	143	85,219
June	77,440	1,210	2,167	15,662	143	95,412
YEAR ENDED JUNE, 1964	911,321	14,259	20,871	150,038	627	1,082,857
July	71,908	1,127	2,110	11,774	64	85,856
August	68,083	1,072	1,417	12,215	16	81,731
September	85,221	1,339	1,274	12,744	..	99,239
October	73,968	1,160	1,496	12,642	170	88,276
November	61,352	967	1,399	10,934	11	73,696
December	73,235	1,152	1,960	11,413	13	86,621
YEAR ENDED DECEMBER, 1964	892,726	13,998	19,282	140,557	901	1,053,466

(a) Based on the price fixed by the Reserve Bank. Includes allowance for premiums on sales of gold overseas and for industrial purposes in Australia; excludes subsidy.

(b) Gold refined from unrefined gold and silver bullion imported. See Table 9.

TABLE 8. - ANNUAL REFINERY PRODUCTION OF GOLD IN AUSTRALIA
(fine ounces)

Particulars	1960	1961	1962	1963	1964
<u>Australian Origin</u>					
Newly-won gold (a)	1,045,139	1,036,947	1,024,623	958,381	892,726
From scrap	22,699	22,593	21,806	20,404	19,282
<u>Overseas Origin</u>					
Newly-won gold	142,526	155,598	138,455	161,083	140,557
From scrap	1,164	1,277	188	290	901
TOTAL	1,211,528	1,216,415	1,185,072	1,140,158	1,053,466

(a) For valuation of newly-won gold, see Table 1.

IMPORTS AND EXPORTS AND CHANGES IN STOCKS OF GOLD

Tables 9 and 10 show particulars of imports and exports of gold for the years 1962 to 1964 and for the months of 1964. Table 11 gives a summary, for the same periods, of the production and consumption of gold, the quantity imported and exported, and changes in stocks of gold held in Australia.

IMPORTS AND EXPORTS OF GOLD

TABLE 9. - IMPORTS OF GOLD (a) : AUSTRALIA
(fine ounces)

Particulars	Annual Totals			Monthly Totals (b)											
	1962	1963	1964 (b)	Jan., 1964	Feb., 1964	March, 1964	April, 1964	May, 1964	June, 1964	July, 1964	Aug., 1964	Sept., 1964	Oct., 1964	Nov., 1964	Dec., 1964
<u>Unrefined bullion (c)</u>															
Country of origin -															
Papua and New Guinea	35,169	44,359	38,102	1,783	5,609	89	5,712	4,499	4,588	1,530	4,324	4,823	594	4,551	..
Fiji	81,805	104,291	100,351	7,486	15,011	..	14,091	6,431	9,021	12,134	7,904	10,396	9,911	7,966	..
New Zealand	15,161	12,852	6,118	352	511	75	1,564	191	206	764	683	459	1,255	58	..
Solomon Islands	265	345	209	..	..	19	26	26	..	..	32	..	72	34	..
Hong Kong	..	..	16	..	..	..	..	..	..	..	..	..	..	16	..
Total unrefined bullion	132,400	161,847	144,796	9,621	21,131	183	21,393	11,147	13,815	14,428	12,943	15,678	11,832	12,625	..
<u>Refined forms</u>	6	216	1,269	1	1	32	32	44	73	425	66	..	365	107	123
<u>Gold contained in matte</u>	557	2	..	..	..	..	..	..	..	..	..	..	..	..	..
<u>Importing States</u>															
New South Wales	123,193	158,099	144,211	9,613	20,838	74	21,425	10,817	13,857	14,439	13,009	15,418	12,017	12,630	74
Victoria	9,770	3,966	1,257	9	294	141	..	374	31	..	..	260	45	102	1
Western Australia	..	..	597	..	..	..	..	..	..	414	..	..	135	..	48
TOTAL IMPORTS	132,963	162,065	146,065	9,622	21,132	215	21,425	11,191	13,888	14,853	13,009	15,678	12,197	12,732	123

- (a) Excludes specie, leaf and foil and gold imported in some minor minerals.
(b) Subject to revision.
(c) Gold content.

IMPORTS AND EXPORTS OF GOLD (cont'd)
TABLE 10. - EXPORTS OF GOLD (a) : AUSTRALIA
(fine ounces)

Particulars	Annual Totals			Monthly Totals (b)											
	1962	1963	1964 (b)	Jan., 1964	Feb., 1964	March, 1964	April, 1964	May, 1964	June, 1964	July, 1964	Aug., 1964	Sept., 1964	Oct., 1964	Nov., 1964	Dec., 1964
<u>Unrefined bullion (c)</u>	..	..	719	..	..	..	147	..	415	132	..	..	..	..	25
<u>Refined forms</u>															
Country of consignment -															
Hong Kong	304,265	464,936	417,310	32,076	63,824	31,973	..	33,027	32,054	32,015	32,005	..	64,134	64,112	32,090
New Zealand	9,894	6,707	9,325	600	600	800	1,106	200	499	621	1,199	701	1,099	1,000	900
Fiji	237	239	268	..	8	19	61	..	6	13	..	13	67	43	38
United States of America	600	250	300	..	..	..	200	..	..	..	..	..	..	..	100
<u>States of final shipment</u>															
New South Wales	314,990	472,125	427,666	32,676	64,432	32,792	1,367	33,227	32,974	32,672	33,204	714	65,300	65,155	33,153
Victoria	6	7	256	..	..	..	147	..	..	109	..	..	..	..	..
TOTAL EXPORTS	314,996	472,132	427,922	32,676	64,432	32,792	1,514	33,227	32,974	32,781	33,204	714	65,300	65,155	33,153

- (a) Excludes specie, leaf and foil and gold in unrefined forms except the gold content of unrefined gold and silver bullion which is included. See Table 11 for the quantities of gold contained in ores and concentrates exported.
- (b) Subject to revision.
- (c) Gold content.

TABLE 11. - CHANGES IN STOCKS OF GOLD HELD IN AUSTRALIA

Particulars	Annual Totals			Monthly Totals (a)											
	1962	1963	1964 (a)	Jan., 1964	Feb., 1964	March, 1964	April, 1964	May, 1964	June, 1964	July, 1964	Aug., 1964	Sept., 1964	Oct., 1964	Nov., 1964	Dec., 1964
GOLD OTHER THAN SPECIE (fine ounces)															
<u>SUPPLIES</u>															
Mine production (b)	1,068,837	1,023,970	965,561	86,263	72,150	74,793	75,067	76,517	86,108	85,353	88,532	71,866	81,992	85,502	81,418
Imports (c)	132,963	162,065	146,065	9,622	21,132	215	21,425	11,191	13,888	14,853	13,009	15,678	12,197	12,732	123
TOTAL SUPPLIES	1,201,800	1,186,035	1,111,626	95,885	93,282	75,008	96,492	87,708	99,996	100,206	101,541	87,544	94,189	98,234	81,541
<u>DISPOSALS</u>															
Exports (d)	314,996	472,132	427,922	32,676	64,432	32,792	1,514	33,227	32,974	32,781	33,204	714	65,300	65,155	33,153
Gold content of ores and concentrates exported	44,166	50,683	48,219	2,677	5,464	2,230	6,370	3,431	7,389	3,788	1,107	1,246	6,809	1,163	6,545
Net industrial consumption	47,881	61,042	78,248	3,817	5,812	4,297	7,534	5,889	4,378	7,195	8,326	8,191	9,184	6,443	7,182
TOTAL DISPOSALS	407,043	583,857	554,389	39,170	75,708	39,319	15,418	42,547	44,741	43,764	42,637	10,151	81,293	72,761	46,880
<u>Increase in stocks held in Australia (e)</u>	794,757	602,178	557,237	56,715	17,574	35,689	81,074	45,161	55,255	56,442	58,904	77,393	12,896	25,473	34,661
GOLD SPECIE EA															
<u>Net surplus of imports</u>	5,846	6,539	17,883	..	..	..	489	3,069	..	241	839	3,051	2,443	5,628	2,123

(a) Subject to revision.

(b) Gold content of minerals produced in Australia.

(c) See Table 9.

(d) See Table 10.

(e) Includes changes in holdings in Australia by official and banking institutions both on their own behalf and that of non-residents, together with the gold content of change in stocks of minerals awaiting refining.

PRICES OF GOLD IN AUSTRALIA AND LONDON

The official price of gold in Australia was raised from £15.9.10 per fine ounce to £15.12.6 per fine ounce on 1st May, 1954, and has remained unchanged since that date. The current price reflects the "parity" value of Australian currency established by the International Monetary Agreement Act 1947. Prior to 1947, the price of gold was based on the price for which it could be sold abroad in official markets, less cost of movement.

The London gold market was re-opened on 22nd March, 1954, and the prices quoted on this market have been used from that date. Previously, the Bank of England official price was used. In 1964 the average daily price of gold in London was £Stg. 12.11.3 $\frac{3}{4}$ compared with an average of £Stg. 12.10.6 $\frac{1}{2}$ in 1963. During 1964, the daily price ranged from £Stg. 12.10.6 to £Stg. 12.12.4 $\frac{1}{2}$; the range of prices in the previous year was from £Stg. 12.9.9 $\frac{1}{2}$ to £Stg. 12.10.11 $\frac{1}{2}$.

SALES OF GOLD ON OVERSEA PREMIUM MARKETS

In November, 1951, the Commonwealth Government decided to allow Australian gold producers to benefit from the higher prices then being paid for gold on some overseas markets. To implement this decision, the Gold Producers' Association Limited was incorporated in December, 1951, and the first sales were made in that month.

Under existing legislation, all gold produced in Australia must be sold to the Reserve Bank, but the Association is permitted to purchase from the Bank each month for resale on premium markets a maximum quantity of gold equal to the amount of new gold delivered to the Bank by members in the previous two months, less the quantity required for industrial purposes in Australia. The net proceeds from premium sales are distributed to members in proportion to their production of gold. The premium prices in the following table represent the average price obtained by the Association for gold sold overseas. The series is, therefore, not indicative of the average return to gold producers for all gold produced in the specified periods.

Table 12 shows the quantity and value of gold sold on overseas premium markets during the years 1955 to 1964 and for the months of 1964, together with the average price received for this gold during the periods shown.

TABLE 12. - GOLD SOLD ON OVERSEA PREMIUM MARKETS : AUSTRALIA

Year	Quantity f.oz.	Value £A	Average Price £A. s. d.	Month	Quantity f.oz.	Value £A.	Average Price £A. s. d.
				1964 -			
1955	981,980	15,370,833	15.13. 1	January	32,038	501,867	15.13. 3 $\frac{1}{2}$
1956	566,047	8,871,867	15.13. 6	February	63,759	998,486	15.13. 2 $\frac{1}{2}$
1957	687,114	10,760,214	15.13. 2	March	32,059	502,188	15.13. 3 $\frac{1}{2}$
1958	189,537	2,964,637	15.12.10	April	(a)	(a)	(a)
1959	37,346	584,129	15.12.10	May	32,023	501,585	15.13. 3 $\frac{1}{2}$
				June	32,054	502,053	15.13. 3
1960	320,151	5,049,183	15.15. 5	July	64,020	1,003,942	15.13. 7 $\frac{1}{2}$
1961	733,217	11,513,571	15.14. 1	August	(a)	(a)	(a)
1962	320,323	5,016,625	15.13. 3	September	32,052	503,747	15.14. 4
1963	512,805	8,028,227	15.13. 1	October	64,130	1,009,637	15.14.10 $\frac{1}{2}$
1964	448,310	7,038,619	15.14. 0	November	64,154	1,010,613	15.15. 0 $\frac{1}{2}$
				December	32,021	504,501	15.15. 1 $\frac{1}{2}$

(a) No sales.

GOVERNMENT ASSISTANCE TO THE GOLD MINING INDUSTRY

(i) Gold Subsidy. - The Gold-Mining Industry Assistance Act was originally enacted in 1954 to assist the gold mining industry in Australia and Papua and New Guinea. There have been a number of amendments to the Act, the latest receiving assent on 28th May, 1962. Under the Act the subsidy payable to small producers whose annual output does not exceed 500 fine ounces is £2.8.0 per fine ounce, irrespective of cost of production. For large producers, subject to certain provisions, subsidy is paid at the rate of three quarters of the excess of the average cost of production over £13.10.0 per fine ounce with a maximum amount of subsidy of £3.5.0 per fine ounce. A producer whose output during the year exceeds 500 fine ounces may elect to be treated as small producer. In this case the subsidy rate per fine ounce payable on total output is £2.8.0 reduced by one penny for each fine ounce by which output exceeds 500 fine ounces. Premiums received by producers from the sale of gold overseas by the Gold Producers' Association Limited are offset against subsidy payments. Payments commenced in March, 1955, in respect of production from 1st July, 1954, and under the Act as it now stands, are to apply to production until June, 1965.

Table 13 shows particulars of cash payments, including advances, for the years 1960 to 1964. The series does not correspond with production during the same periods.

TABLE 13. - NET SUBSIDY PAYMENTS TO GOLD PRODUCERS
(£A.)

State or Territory	1960	1961	1962	1963	1964
New South Wales	14	145	61	463	395
Victoria	45,881	63,036	50,579	43,267	38,512
Queensland	881	1,325	2,134	2,488	1,340
South Australia	35	..	97	..	..
Western Australia	698,242	585,306	621,573	669,782	541,687
Tasmania	..	..	18	12	..
Northern Territory	4,253	4,930	1,235	288	847
AUSTRALIA	749,306	654,742	675,697	716,300	582,781
Papua and New Guinea	65,292	44,758	72,812	42,896	47,989
TOTAL	814,598	699,500	748,509	759,196	630,770

(ii) Development Assistance. - The Gold Mines Development Assistance Act 1962 was assented to on 14th December, 1962. The purpose of this Act is to provide assistance to gold producers in Australia and the Territories of Papua and New Guinea not receiving subsidy under the Gold-Mining Industry Assistance Act 1954-1962 in order to increase the rate of their development work and so to add to their proved reserves of gold-bearing minerals. In recent years, these reserves had declined to the extent that the long-term prospects of the industry were jeopardised. The Act, which applies to 1962-63, 1963-64 and 1964-65 provides that a development allowance is payable to a mine approved for the purposes of the scheme equal to the amount by which its allowable expenditure on development in a year, as defined in the Act, exceeds a defined base amount, which normally will be the average annual amount spent by the mine on development during the three years preceding 1962-63. The payment of allowance is also subject to a number of other conditions and limits provided for in the Act.

Payments under this act totalled £108,281 in 1964, payments being made in June (£68,000), August, (£37,000) and November, (£3,281). This brings the total payment since the introduction of the Act to £199,281.

(iii) Income Tax Exemption. - Income derived from mining principally for gold in Australia or the Territory of Papua and New Guinea is exempt from tax. The exemption is also available in respect of income derived from mining principally for gold and copper if the value of the gold obtained is not less than 40 per cent. of the value of the total output. Dividends paid by a company wholly and exclusively out of the exempt mining income are also exempt from tax.

GOLD MINING INDUSTRY-MINING CENSUS DATA

Table 14 shows a summary of operations for the gold mining industry in each State and the Northern Territory during 1963. These data have been compiled from information collected in the 1963 mining census. Comprehensive statistics compiled from this census have been published in Mining and Quarrying Bulletin No. 12 1963, which was released earlier this year.

The gold mining industry, as defined in the mining census, includes establishments engaged in the mining and elementary smelting of gold but excludes establishments engaged in refining operations. Mines producing gold in association with other minerals, e.g. copper, have been excluded from the gold mining industry if the value of gold is less than the value of other minerals produced. The data include value of output and value of production for fossicking activities but fossickers and men engaged on small sundry claims are excluded from the figures of numbers of mines and employment. Activities associated with prospecting are excluded. Mining properties under development are included.

The value of output shown in the following table represents the selling value at the mine (i.e. before refining) of gold and other minerals produced during 1963 by the gold mining industry as defined above. The figures do not represent the value of all gold produced during 1963 and, therefore, cannot be related to the figures of production shown in table 3.

Value of production has been calculated by deducting the cost of power, fuel, light and materials and stores used. These costs relate to items charged to working expenses and exclude amounts capitalized or charged to mine development. Other costs such as depreciation, royalties, insurance, taxation etc., have not been deducted in arriving at value of production.

TABLE 14. - THE GOLD MINING INDUSTRY : MINING CENSUS STATISTICS, 1963

State or Territory	Number of Mines	Average Employment (a)	Salaries and Wages (b)(c)	Value of Output	Power, Fuel and Materials Used	Value of Production	Additions and Replacements to Fixed Assets (c)
			£'000	£'000	£'000	£'000	£'000
New South Wales	31	18	2	6	3	3	17
Victoria	31	175	(d)	428	(d)	(d)	(d)
Queensland	34	121	(d)	245	(d)	(d)	(d)
South Australia	..	..	..	..	..	..	..
Western Australia	146	4,833	5,944	13,362	4,506	8,854	850
Tasmania	4	..	..	(e)	..	(e)	..
Northern Territory	11	140	272	1,136	170	966	58
AUSTRALIA	257	5,287	6,536	15,177	4,879	10,298	1,012

(a) Average number of persons employed including working proprietors during whole year.

(b) Excludes drawings by working proprietors. (c) Excludes mines employing less than 4 persons. (d) Not available for publication. (e) Less than £500.

(ii) Years, 1959 to 1963. - Table 15 shows summarized details of the gold mining industry for the years 1959 to 1963.

TABLE 15. - THE GOLD MINING INDUSTRY : MINING CENSUS STATISTICS, 1959-1963

Year	Number of Mines	Average Employment (a)	Salaries and Wages (b)(c)	Value of Output	Power, Fuel and Materials Used	Value of Production	Additions and Replacements to Fixed Assets (c)
			£'000	£'000	£'000	£'000	£'000
1959	306	5,948	6,504	15,918	5,069	10,849	1,446
1960	296	5,544	6,655	15,952	4,909	11,043	789
1961	295	5,438	6,591	15,952	4,979	10,973	778
1962	286	5,290	6,534	15,786	4,947	10,839	1,608
1963	257	5,287	6,536	15,177	4,879	10,298	1,012

(a) Average number of persons employed including working proprietors during whole year.
(b) Excludes drawings by working proprietors. (c) Excludes mines employing less than 4 persons.

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CANBERRA, A.C.T.

25TH MARCH, 1965

NOTE: Inquiries concerning these statistics may be made in Canberra by telephoning 41971 Extension 74 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.