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**MANUFACTURING INDUSTRIES
1965-66**

No. 9

MOTOR VEHICLES AND CYCLES



**COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA, AUSTRALIA**

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EXPLANATORY NOTES

GENERAL. The range of bulletins in this series for 1965-66 is the same as for 1964-65. A complete list of the series is shown inside the back cover. Where a number of industries are combined in one bulletin, the introductory paragraph on page 4 specifies the industries so included.

Statistics of the number of factories, persons employed, salaries and wages, value of fuel, materials, production and output, etc., for 1965-66 include details for the Northern Territory and Australian Capital Territory. Prior to 1964-65 details for the Territories were excluded. Statistics of materials used and articles produced do not include details for the Territories.

CLASSIFICATION OF FACTORIES. For purposes of industry classification, factories are classified to sub-classes according to the nature of their products. Where two or more distinct types of industrial activity are carried on in one establishment, a separate return is obtained, wherever practicable, for each activity, in order to allow classification on this basis. In cases where this is not practicable, factories are classified according to predominant activity. These cases are encountered most frequently in the Metal trades (e.g. General engineering firms also producing agricultural implements or Stoves, etc.) and to a lesser degree in factories concerned with Skins, Leather, Clothing and Wood products.

Each of the summaries in the Manufacturing Industries series relates, in general, to the operations of factories classified to the industry specified. However, the statistics of articles produced represent total recorded production in all factories, irrespective of industry classification.

BASIS OF THE STATISTICS. The scope of the factory statistics is fully explained in the annual bulletin Manufacturing Industry which contains comprehensive statistics both for all factory sub-classes separately and in total.

Briefly, a "factory" is defined as an establishment in which four or more persons are employed or where power (other than manual) is used in any manufacturing process. The figures do not include details relating to small establishments not classified for statistical purposes as factories.

All persons employed in the manufacturing activities of the factory are counted as factory employees. The figures relating to employment, therefore, include working proprietors as well as out-workers, but exclude all those engaged in selling and distribution, such as salesmen, travellers, collectors, carters engaged solely on outward delivery of manufactured goods, and retailing storemen.

The value of materials, etc., used includes the value, in the usual sense, of the materials used, stores used, containers, tools replaced and materials used in repairs to plant. In general, it does not include the value of customers' articles or materials repaired, assembled or treated by the factory.

The value of power, fuel, light, etc., used includes the cost of lubricants and water.

The value of factory output is the value of the goods manufactured or their value after passing through the particular process of manufacture and includes the amount received for repair work, work done on commission and receipts for other factory work. The basis of valuation of the output is the selling value of the goods at the factory, exclusive of all delivery costs and charges and excise duties, but inclusive of bounty and subsidy payments to the manufacturer of the finished article.

The value of production is the value added to materials by the process of manufacture. It is calculated by deducting from the value of factory output the value (at the factory) of the materials used, containers and packing, power, fuel and light used, tools replaced and materials used in repairs to plant (but not depreciation charges). The value of production is the source from which, in addition to wages and salaries, such items as interest, depreciation, profits, taxation, advertising and other sundry charges are met. As details of these other costs of production are not collected, the amount of profit resulting from factory operations cannot be ascertained from figures contained herein.

There are many miscellaneous expenses, such as maintenance of buildings, etc., depreciation, workers' compensation insurance, other insurances, pay-roll tax, income tax, advertising, interest on borrowed money, bad debts and many other sundry charges, which are not taken into account. Consequently it must not be inferred that, when wages and salaries are deducted from value of production, the whole of the surplus is available for profits.

ROUNDING OF FIGURES. Any discrepancies between totals and sums of components in tables are due to rounding.

This bulletin refers, in general, to factories which are classified to sub-classes 0409 (Motor vehicles - construction and assembly); 0410 (Motor vehicle repairs); 0411 (Motor bodies); 0413 (Motor accessories) and 0415 (Cycles, foot and hand driven, and accessories) of the Factory Classification (1945).

TABLE 1. - MOTOR VEHICLE AND CYCLE FACTORIES : SUMMARY, AUSTRALIA

Year	Factories	Persons employed	Salaries and wages paid	Power, fuel, light etc. used	Value of materials etc. used	Value of production	Value of output
	(1)	(a) (2)	(b) (3)	(c) (4)	(d) (5)	(e) (6)	(f) (7)
	No.	No.	\$'000	\$'000	\$'000	\$'000	'000
(i) CONSTRUCTION AND ASSEMBLY OF MOTOR VEHICLES							
1961-62	49	19,026	46,526	3,896	103,694	84,058	191,648
1962-63	45	22,693	57,909	4,548	136,211	95,051	235,811
1963-64	43	24,311	64,647	5,039	151,160	109,608	265,808
1964-65	46	25,229	71,011	5,277	156,167	109,726	271,171
1965-66	51	24,381	69,244	5,267	143,517	110,537	259,320
(ii) MOTOR VEHICLE REPAIRS							
1961-62	10,635	62,786	108,408	3,575	116,254	170,098	289,927
1962-63	11,076	65,857	115,053	3,801	126,032	183,698	313,531
1963-64	11,224	68,141	124,175	4,016	137,695	199,628	341,339
1964-65	11,601	70,917	137,423	4,383	154,718	210,796	377,897
1965-66	11,844	72,708	146,085	4,605	161,848	231,695	398,149
(iii) MOTOR BODIES							
1961-62	2,151	27,324	59,089	2,367	115,390	87,923	205,680
1962-63	2,199	30,948	71,836	2,966	170,417	107,134	280,517
1963-64	2,291	33,812	79,546	3,468	211,032	116,497	330,997
1964-65	2,486	37,153	94,027	3,851	213,581	141,517	358,948
1965-66	2,612	38,039	94,395	3,993	237,440	158,649	400,081
(iv) MOTOR ACCESSORIES							
1961-62	300	12,273	26,560	1,919	39,756	49,140	90,814
1962-63	303	16,081	36,293	2,468	58,724	62,222	123,415
1963-64	308	17,393	40,836	2,664	68,811	68,678	140,153
1964-65	333	19,178	47,926	3,036	81,705	78,946	163,688
1965-66	350	18,414	46,834	2,999	77,753	76,455	157,207
(v) CYCLES (FOOT AND HAND-DRIVEN) AND ACCESSORIES							
1961-62	137	461	650	36	1,362	1,143	2,541
1962-63	137	477	658	37	1,477	1,278	2,792
1963-64	130	478	703	38	1,516	1,478	3,032
1964-65	126	488	714	39	1,646	1,457	3,142
1965-66	122	494	725	38	1,775	1,008	2,821
TOTAL MOTOR VEHICLES AND CYCLES							
1961-62	13,272	121,870	241,233	11,793	376,456	392,362	780,610
1962-63	13,760	136,056	281,749	13,820	492,861	449,383	956,066
1963-64	13,996	144,135	309,907	15,225	570,214	495,889	1,081,329
1964-65	14,592	152,965	351,102	16,585	607,818	550,443	1,174,846
1965-66	14,979	154,036	357,283	16,903	622,333	578,343	1,217,578

(a) Average over whole year; includes working proprietors. (b) Excludes amounts drawn by working proprietors. (c) Includes water and lubricating oil. (d) Includes also value of containers, packing, etc., replacement of tools and repairs to plant. (e) Value of production equals column (f) less total of columns (4) and (5). (f) Value at the factory of goods produced and amounts received for work done.

TABLE 2. - MOTOR VEHICLE AND CYCLE FACTORIES : SUMMARY

STATES, 1965-66

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
(1) CONSTRUCTION AND ASSEMBLY OF MOTOR VEHICLES									
	Number								
Factories	15	19	7	6	3	1	..	..	51
Persons employed -									
(a)									
Males	6,052	14,329	(h)	(h)	(h)	(h)	..	..	22,764
Females	451	1,027	(h)	(h)	(h)	..	..	..	1,617
TOTAL	6,503	15,356	(h)	(h)	(h)	(h)	..	..	24,381
	\$'000								
Salaries and wages paid (b)	17,661	44,765	(h)	(h)	(h)	(h)	..	..	69,244
Value of -									
Power, fuel, light, etc. used (c)	838	4,019	(h)	(h)	(h)	(h)	..	..	5,267
Materials, etc. used (d)	63,748	71,267	(h)	(h)	(h)	(h)	..	..	143,517
Production (e)	24,376	73,927	(h)	(h)	(h)	(h)	..	..	110,537
Output (f)	88,962	149,214	(h)	(h)	(h)	(h)	..	..	259,320
Land and buildings (g)	15,950	60,416	(h)	(h)	(h)	(h)	..	..	88,981
Plant and machinery (g)	8,197	48,962	(h)	(h)	(h)	(h)	..	..	67,650
	Horsepower								
Rated hp of engines ordinarily in use	17,915	81,782	(h)	(h)	(h)	(h)	..	..	114,643

For footnotes (a) to (f) see table 1. (g) Depreciated or book value at end of year.
(h) Not available for publication.

TABLE 2. - MOTOR VEHICLE AND CYCLE FACTORIES : SUMMARY - continued

STATES, 1965-66

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
(ii) MOTOR VEHICLE REPAIRS									
	Number								
Factories	4,882	2,718	1,209	1,423	1,151	357	56	48	11,844
Persons employed									
(a) -									
Males	25,243	17,940	8,042	6,698	5,995	1,984	363	448	66,713
Females	2,244	1,753	913	579	333	94	34	45	5,995
<u>TOTAL</u>	27,487	19,693	8,955	7,277	6,328	2,078	397	493	72,708
	\$'000								
Salaries and wages paid (b)	56,584	39,819	17,107	13,655	12,500	4,018	1,165	1,237	146,085
Value of -									
Power, fuel, light, etc. used (c)	1,832	1,359	492	408	343	122	29	20	4,605
Materials, etc. used (d)	58,968	42,934	19,376	17,220	16,774	4,330	1,222	1,025	161,848
Production (e)	89,226	62,105	26,939	23,383	20,514	6,392	1,453	1,681	231,695
Output (f)	150,026	106,398	46,807	41,011	37,632	10,845	2,703	2,726	398,149
Land and buildings (g)	89,374	64,926	16,912	19,650	14,981	5,905	1,388	2,302	215,437
Plant and machinery (g)	11,260	9,369	4,130	4,006	3,247	867	523	225	33,627
	Horsepower								
Rated hp of engines ordinarily in use	29,389	22,057	12,583	11,906	9,688	2,642	682	447	89,394

For footnotes (a) to (f) see table 1. (g) Depreciated or book values at end of year.

TABLE 2. - MOTOR VEHICLE AND CYCLE FACTORIES : SUMMARY - continued
STATES, 1965-66

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
(iii) MOTOR BODIES									
	Number								
Factories	981	637	282	343	283	57	12	17	2,612
Persons employed									
(a) -									
Males	6,999	9,176	2,253	15,115	1,767	511	46	166	36,033
Females	493	552	192	667	69	15	4	14	2,006
<u>TOTAL</u>	7,492	9,728	2,445	15,782	1,836	526	50	180	38,039
	\$'000								
Salaries and wages paid (b)	16,592	25,504	4,746	42,734	3,246	1,004	137	432	94,395
Value of -									
Power, fuel, light, etc. used (c)	537	1,116	102	2,129	80	19	1	9	3,993
Materials, etc. used (d)	43,710	33,765	8,822	142,981	6,308	1,220	143	490	237,440
Production (e)	34,346	34,243	8,168	73,072	6,251	1,683	241	644	158,649
Output (f)	78,593	69,124	17,093	218,182	12,639	2,922	386	1,143	400,081
Land and buildings (g)	20,690	31,568	5,274	42,631	4,238	1,612	307	963	107,283
Plant and machinery (g)	4,587	24,992	1,467	50,238	684	93	25	54	82,139
	Horsepower								
Rated hp of engines ordinarily in use	15,514	24,795	3,036	64,025	2,258	423	41	91	110,183

For footnotes (a) to (f) see table 1. (g) Depreciated or book values at end of year.

TABLE 2. - MOTOR VEHICLES AND CYCLE FACTORIES : SUMMARY - continued

STATES 1965-66

Particulars	N.S.W.	Vic.	Qld	S. A.	W. A.	Tas.	N.T.	A. C. T.	Aust.
(iv) MOTOR ACCESSORIES									
	Number								
Factories	122	114	39	55	16	4	..	..	350
Persons employed									
(a) -									
Males	5,028	5,904	297	1,431	109	209	..	..	12,978
Females	1,665	3,171	127	373	11	89	..	..	5,436
<u>TOTAL</u>	6,693	9,075	424	1,804	120	298	..	..	18,414
	\$'000								
Salaries and wages paid (b)	18,690	22,042	817	4,355	216	714	..	..	46,834
Value of -									
Power, fuel, light, etc. used (c)	1,249	1,430	25	229	14	52	..	..	2,999
Materials, etc. used (d)	29,935	39,511	1,223	6,068	374	642	..	..	77,753
Production (e)	32,831	32,253	1,418	7,371	464	2,118	..	..	76,455
Output (f)	64,015	73,194	2,666	13,668	852	2,812	..	..	157,207
Land and buildings (g)	15,420	18,303	762	2,907	427	509	..	..	38,329
Plant and machinery (g)	17,011	19,908	210	2,615	56	529	..	..	40,394
	Horsepower								
Rated hp of engines ordinarily in use	29,202	39,899	698	7,315	254	1,241	..	..	78,609

For footnotes (a) to (f) see table 1. (g) Depreciated or book values at end of year.

TABLE 2. - MOTOR VEHICLE AND CYCLE FACTORIES : SUMMARY - continued

STATES, 1965-66

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
(v) CYCLES (FOOT AND HAND-DRIVEN) AND ACCESSORIES									
	Number								
Factories	34	34	11	26	14	3	..	..	122
Persons employed									
(a) -									
Males	110	157	(h)	79	45	(h)	..	..	437
Females	23	16	(h)	12	1	(h)	..	..	57
TOTAL	133	173	(h)	91	46	(h)	..	..	494
	\$'000								
Salaries and wages paid (b)	154	292	(h)	142	69	(h)	..	..	725
Value of -									
Power, fuel, light, etc. used (c)	8	14	(h)	8	5	(h)	..	..	38
Materials, etc. used (d)	557	619	(h)	221	159	(h)	..	..	1,775
Production (e)	217	285	(h)	208	134	(h)	..	..	1,008
Output (f)	782	918	(h)	436	297	(h)	..	..	2,821
Land and buildings (g)	604	507	(h)	189	144	(h)	..	..	1,614
Plant and machinery (g)	32	43	(h)	29	15	(h)	..	..	130
	Horsepower								
Rated hp of engines ordinarily in use	167	191	(h)	198	121	(h)	..	..	728

For footnotes (a) to (f) see table 1. (g) Depreciated or book values at end of year.
 (h) Not available for publication.

TABLE 3. - MOTOR VEHICLE AND CYCLE FACTORIES
AVERAGE SALARIES AND WAGES, OUTPUT, PRODUCTION, ETC., PER EMPLOYEE
AUSTRALIA

Year	Salaries and wages per employee (a)	Value of output per person engaged (b)	Value of production per person engaged (b)	Ratio of salaries and wages to value of production
	\$	\$	\$	%
1961-62	2,164	6,405	3,220	61.48
1962-63	2,248	7,027	3,303	62.69
1963-64	2,321	7,502	3,440	62.49
1964-65	2,471	7,680	3,598	63.78
1965-66	2,507	7,905	3,755	61.77

(a) Excludes working proprietors and amounts drawn by them. (b) Includes working proprietors.

TABLE 4. - MOTOR VEHICLE AND CYCLE FACTORIES
PERSONS EMPLOYED (a) : AUSTRALIA

Number of persons employed in each factory	1961-62		1962-63		1963-64		1964-65		1965-66	
	No. of fac-tories	No. em-ployed	No. of fac-tories	No. em-ployed	No. of fac-tories	No. em-ployed	No. of fac-tories	No. em-ployed	No. of fac-tories	No. em-ployed
Under 4	7,349	14,103	7,630	14,711	7,684	14,715	7,921	15,035	7,968	15,039
4	1,351	5,404	1,347	5,388	1,366	5,464	1,431	5,726	1,493	5,980
5 to 10	2,912	19,527	3,026	20,268	3,084	20,827	3,220	21,750	3,341	22,363
11 to 20	985	14,183	1,021	14,661	1,064	15,182	1,172	16,639	1,292	18,340
21 to 50	446	13,449	502	15,279	543	16,575	570	17,384	611	18,813
51 to 100	134	9,354	129	9,012	148	10,281	167	11,206	158	10,819
101 to 200	47	6,790	47	6,820	49	7,135	50	7,041	61	8,822
201 to 300	17	3,888	23	5,516	19	4,698	22	5,408	15	3,714
301 to 400	6	1,688	6	2,106	7	2,375	7	2,331	7	2,468
401 to 1000	16	9,974	17	10,737	18	11,121	16	9,426	16	9,223
1001 and over	9	24,255	12	32,129	14	36,232	16	41,900	15	39,532
TOTAL:	13,272	122,615	13,760	136,627	13,996	144,605	14,592	153,846	14,979	155,113
Average number employed per factory	9		10		10		11		10	

(a) Average number employed during the period of operation whether for the whole or only part of the year. Includes working proprietors.

TABLE 5. - MOTOR VEHICLE AND CYCLE FACTORIES

PERSONS EMPLOYED (a) BY OCCUPATIONAL STATUS

AUSTRALIA, 1965-66

Occupational status	Construction and assembly	Motor vehicle repairs	Motor body building	Motor accessories; cycles and accessories	Total
<u>MALES</u> -					
Working proprietors	..	8,050	2,290	216	10,556
Managerial and clerical staff including salaried managers and working directors	3,547	5,550	2,653	2,230	13,980
Chemists, draftsmen and other laboratory and research staff	499	18	843	417	1,777
Workers in factory (skilled and unskilled), foremen and overseers, carters (excluding delivery only), messengers and persons working regularly at home	18,712	53,095	30,247	10,552	112,612
(<u>Males</u>	22,764	66,713	36,033	13,415	138,925
<u>Females</u>	1,617	5,995	2,006	5,493	15,111
<u>TOTAL</u>	24,381	72,708	38,039	18,908	154,036
(<u>Persons</u>					

(a) Average number employed calculated on a "whole year" basis i.e. in factories working less than the full year the average numbers are reduced to whole year equivalents.

TABLE 6. - MOTOR VEHICLE AND CYCLE FACTORIES
PERSONS EMPLOYED BY SUB-CLASS, AGE AND SEX
AUSTRALIA, 1965-66 (a)

(Excluding working proprietors)

Sex and age	Motor vehicles				Cycles and cycle accessories
	Construction and assembly	Repairs	Motor body building	Motor accessories	
Males -					
Under 16 years	21	745	343	45	6
16 to 20 years	769	13,288	4,729	1,119	56
21 years and over	22,350	44,485	28,540	11,790	249
<u>Total males</u>	23,140	58,518	33,612	12,954	311
Females -					
Under 16 years	4	80	17	19	..
16 to 20 years	256	1,853	386	512	3
21 years and over	1,358	3,351	1,455	4,939	46
<u>Total females</u>	1,618	5,284	1,858	5,470	49
<u>TOTAL PERSONS</u>	24,758	63,802	35,470	18,424	360

(a) Last pay day in June.

TABLE 7. - MOTOR VEHICLE AND CYCLE FACTORIES
PERSONS EMPLOYED BY AGE AND SEX, AUSTRALIA
 (Excluding working proprietors)

Last pay day in June	Under 16 years	16 to 20 years	21 years and over	Total all ages
MALES				
1962	1,299	14,516	91,448	107,263
1963	1,382	15,975	98,814	116,171
1964	1,411	17,947	105,548	124,906
1965	1,244	19,071	110,946	131,261
1966	1,160	19,961	107,414	128,535
FEMALES				
1962	192	2,378	8,589	11,159
1963	148	2,758	9,418	12,324
1964	146	2,902	10,584	13,632
1965	137	3,149	11,481	14,767
1966	120	3,010	11,149	14,279

TABLE 8. - MOTOR VEHICLE AND CYCLE FACTORIES

CLASS OF ENGINE AND RATED HORSEPOWER : AUSTRALIA, 1965-66

Class of engine	Rated horsepower of engines							
	Ordinarily in use				In reserve or idle			
	Construc- tion and assembly	Motor vehicle repairs	Motor body build- ing	Motor access- ories; cycles and access- ories	Construc- tion and assembly	Motor vehicle repairs	Motor body build- ing	Motor access- ories; cycles and access- ories
Steam-Reciprocating	..	5	20	..	..	..	10	..
- Turbine	..	18	..	..	..	..	4	..
Internal Combustion- Petrol and other light oils	1,160	3,363	296	799	73	1,609	238	112
Heavy oils								
Water	..	..	1	..	..	..	10	..
<u>Total hp prime movers</u>	1,160	3,386	317	799	73	1,609	262	112
Motors driven by Electricity - Purchased	113,483	86,008	109,866	78,538	5,888	2,898	2,115	3,501
Own generation	(a) 20	(a) 125	(a) 5	..	79	..	..	..
<u>Total hp electric motors</u>	113,503	86,133	109,871	78,538	5,967	2,898	2,115	3,501
<u>TOTAL POWER EMPLOYED</u>	114,643	89,394	110,183	79,337	6,040	4,507	2,377	3,613

(a) These motors are driven by electricity generated by prime movers and to avoid duplication are excluded from statistics of total power employed.

TABLE 9. - MOTOR VEHICLE AND CYCLE FACTORIES

POWER, FUEL, LIGHT ETC. USED : AUSTRALIA, 1965-66

Particulars	Quantity				Value (\$'000)			
	Construc- tion and assembly	Motor vehicle repairs	Motor body build- ing	Motor access- ories; cycles and access- ories	Construc- tion and assembly	Motor vehicle repairs	Motor body build- ing	Motor access- ories; cycles and access- ories
Power, fuel and light -								
Coal - Black ton	..	267	2,799	79	..	3	20	1
Brown "	..	6	6,894	..	..	(a)	27	..
Brown coal briquettes "	23,756	1,185	42	..	175	11	1	..
Coke "	804	180	233	1,102	33	3	4	14
Wood "	314	1,477	84	11	4	7	1	(a)
Fuel oil '000 gal	7,201	528	6,053	2,735	637	85	415	298
Tar (fuel) ton	..	187	12	2,327	..	4	(a)	47
Electricity	}	(b)	(b)	(b)	3,220	3,500	2,891	1,703
Gas					323	101	91	491
Other (charcoal etc.)					160	28	11	42
Water and lubricating oil					714	863	532	441
Total	(b)	(b)	(b)	(b)	5,267	4,605	3,993	3,037

(a) Less than \$500.

(b) Value only available.

TABLE 10. - MOTOR VEHICLE AND CYCLE FACTORIES
VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY ETC.

AUSTRALIA

(\$'000)

Year	Book Values as at 30 June (a)		Additions and replacements made during year		Depreciation allowed during year	
	Land and buildings	Plant and machinery	Land and buildings	Plant and machinery	Land and buildings	Plant and machinery
1961-62	292,232	139,418	13,791	27,155	2,499	19,325
1962-63	323,320	158,616	22,066	36,880	3,142	21,964
1963-64	354,025	172,382	31,597	48,096	4,077	30,549
1964-65	414,369	204,257	42,597	62,597	5,340	29,190
1965-66	451,644	223,940	35,129	56,721	5,910	32,400

(a) Includes estimated value of rented premises and machinery.

TABLE 11. - SELECTED ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA (a)

(NOTE. These details relate to production in all factories irrespective of classification).

Item	Commodity code no.	1964-65	1965-66	
		Number		
<u>Motor vehicle onassis (incl. mono-constructed)</u>				
Passenger cars (b) -				
Mainly imported from overseas	581.52	104,386	} Collected on a new basis	
Mainly Australian made	581.62	240,812		
Commercial vehicles -				
Payload up to 1 ton (c) -				
Mainly imported from overseas	582.52	15,633	} see pages 16 and 17	
Mainly Australian made	582.62	26,050		
Payload 1 ton and over -				
Mainly imported from overseas	582.71	} 27,262		
Mainly Australian made	582.76			

For footnotes see page 19.

TABLE 11. - SELECTED ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA (a) - continued

(NOTE. These details relate to production all factories irrespective of classification).

Item	Commodity code no.	1964-65	1965-66
Motor bodies -		Number	
Made, built or assembled from parts, components and other materials -			
Mainly imported from overseas -			
Passenger cars (b)	583.01,11,18,21	55,307	)
Utilities	583.31,35,39	1,056	
Vans	583.51,55,58	4,813	
Buses	583.81,85	601	
Truck cabs	583.61	16,002	
Mainly Australian made -			Collected on a new basis
Passenger cars	583.06,16,19	200,102	
Station wagons etc.	583.26	78,992	
Utilities	583.33,37,41	25,755	
Vans	583.52,56,59	10,037	
Truck cabs	583.63	9,890	See page 17
Trucks (chassis mounted) - Trays	583.71	11,518	
Tippers	583.73	3,906	
Other	583.75,77,79	713	
Buses	583.83,87	1,035	
Other motor bodies	583.99	121	
Finished motor vehicles -			
Cars -			
Under 1.400 cc	581.02	)	(59,041
1.400 cc and under 2.200 cc	581.04	)	(39,918
2.200 cc " " 4.000 cc	581.06	)	(128,351
4.000 cc " " over	581.08	)	(8,016
Total finished cars		)	(235,326
Station wagons -			
Under 1.400 cc	581.10	)	(1,616
1.400 cc and under 2.200 cc	581.12	)	(56,718
2.200 cc " " 4.000 cc	581.14	)	(58,334
4.000 cc and over	581.16	)	(691
Total finished station wagons		)	(116,668
Utilities (up to and incl. 115. in wheel base)	582.04	)	(Not previously collected on this basis
Panel vans (up to and incl. 115. in wheel base)	582.06	)	(33,038
Trucks and truck type vehicles (over 115. in wheel base) -			
Rigid -			
G.V.W. and under 50 cwt	582.08	)	(14,427
" 50 cwt and under 75 cwt	582.09	)	(691
" 75 " " " 100 "	582.10	)	(691
" 100 " " " 125 "	582.11	)	(691
" 125 " " " 145 "	582.12	)	(691
" 145 " " " 175 "	582.13	)	(691
" 175 " " " 205 "	582.14	)	(691
" 205 " " " 235 "	582.15	)	(691
" 235 " " " 270 "	582.16	)	(691
" 270 " " " 360 "	582.17	)	(691
" 360 " and over	582.18	)	(691

For footnotes see page 19.

TABLE 11. - SELECTED ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA (a) - continued

(NOTE. These details relate to production in all factories irrespective of classification).

Item	Commodity code no.	1964-65	1965-66
Trucks and truck type vehicles (over 115. in wheel base) -			Number
Articulated -			
G.C.W. under 360 cwt	582.20		
" 360 cwt and under 500 cwt	582.22		75
" 500 " " over	582.24		
Ambulances	582.26		413
Omnibuses	582.28		
Total finished vehicles all types			342,304
Partly finished motor vehicles (d) -			
Cars	581.22		
Station wagons	581.28		1,666
Utilities (up to and incl. 115. in wheel base)	582.31		
Panel vans(" " " " " " " ")	582.32		
Truck and truck type vehicles (over 115. in wheel base) (chassis and cab, chassis and cowl, prime movers, bus chassis, etc.) -			
Rigid -			
G.V.W. under 50 cwt	582.33		1,215
G V W 50 cwt and under 75 cwt	582.34	Not	2,443
" 75 " " " 100 "	582.35	previously	2,237
" 100 " " " 125 "	582.36	collected	2,683
" 125 " " " 145 "	582.37	on this	2,109
" 145 " " " 175 "	582.38	basis	1,521
" 175 " " " 205 "	582.39		2,087
" 205 " " " 235 "	582.40		1,794
" 235 " " " 270 "	582.41		1,159
" 270 " " " 360 "	582.42		856
" 360 " " over	582.43		568
Total rigid			18,672
Articulated (e) -			
G.C.W. under 360 cwt	582.44		219
" 360 cwt and under 500 cwt	582.45		1,558
" 500 " " over	582.46		425
Total articulated			2,202
Total, partly finished vehicles - all types			22,540
Total, finished and partly finished vehicles			364,844
Motor bodies -			
Car	583.03		
Station wagon	583.23		50,303
Utility (up to and incl. 115. in wheel base)	583.32		
Panel Van(" " " " " " " ")	583.43		

TABLE 11. - SELECTED ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA (a) - continued

(NOTE. These details relate to production in all factories irrespective of classification)

Item	Commodity code no.	1964-65	1965-66
		Number	
Van (over 115. in wheel base) (f) -		) See dissection on old basis page 16 (	
Insulated (incl. refrigerated) -			
Up to and incl. 5 ton load capacity	583.53		812
Over 5 ton load capacity	583.54		78
Other	583.57		618
Passenger bus (f)	583.82		977
Truck (over 115. in wheel base) (f) -			
Trays	583.72		9,492
Tipplers	583.74		3,315
Tankers	583.76		110
Transit concrete mixers	583.78		255
Other	583.80		342
Other motor bodies (excl. truck cabs)	583.97		223
Trailed vehicles -			
Caravans - Complete -			
With shell fabricated in own factory	584.01	) 9,277 (	12,006
Made from purchased shells and pre-cut kits	584.03		120
Caravans - Shells and pre-cut kits	584.07		301
Semi-trailers - Flat tops	584.11	1,650	1,431
Tankers	584.12	167	251
Tipplers	584.14	211	225
Buses and other semi-trailers	584.15, 19	17	56
Low loaders	584.16	106	121
Vans -			
Insulated (incl. refrigerated)	584.17	) 96 (	144
Other	584.18		
<u>Trailers etc. -</u>			
Two wheel -			
Box type (under 1 ton load capacity)	584.32	4,948	6,054
Boat type	584.34	6,138	5,734
Agricultural and farm use (other than box types)	584.36	1,634	1,522
Commercial (highway) use			
(1 ton and over load capacity)	584.38	317	377
Other, n.e.i.	584.39	1,286	892
Trailers -			
Four wheel -			
Agricultural and farm	584.41	796	814
Commercial (highway) use			
(1 ton and over load capacity)	584.43	547	382
Other n.e.i.	584.49	521	612
Timber jinkers	584.51	61	67
<u>Motor vehicle components, parts etc. -</u>			
Cylinder sleeves and liners -			
Wet sleeves	585.11	) 186,907 (	143,723
Dry liners	585.13		
Engines made or assembled, - Motor vehicles or tractor - Spark plug ignition	585.21	267,711	245,745

For footnotes see page 19.

TABLE 11. - SELECTED ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA (a) - continued

(NOTE. These details relate to production in all factories irrespective of classification).

Item	Commodity code no.	1964-65	1965-66
Motor vehicle components, parts etc. - continued			
Pistons	585.31	2,388	2,176
Piston rings	585.35	15,447	13,067
		number	
Trailer and caravan chassis	589.01	2,383	4,099
Bumpers and bumperettes	589.21	358,615	457,376
Hydraulic hoists - For trucks	589.31	7,793	5,131
Radiator - Equipment assembly	589.41	364,869	354,060
Cores	589.42	89,140	90,047
		'000	
Shock absorbers	589.51	1,902	1,600
Wheels	589.61	2,237	1,945
		number	
Lift-on freight containers (g)-			
Insulated (incl. refrigerated)	589.71	55	71
Other	589.73	1,154	3,549
Stock crates -			
For trucks	589.75	493	470
For trailers and semi-trailers	589.77	446	478
Motor vehicle safety belts -			
Lap	589.81	82,630	69,887
Sash	589.83	33,578	12,459
Combination lap/sash	589.85	316,204	337,713
Other	589.89	4,777	6,788
		\$'000	
Springs - Laminated	467.04	7,420	7,630
Other	467.08	12,554	11,738
		number	
Pedal cycles -			
Pedal cycles, complete	611.01	67,874	63,641
		\$'000	
Parts and accessories for pedal cycles	611.09	420	206

(a) Excludes Northern Territory and Australian Capital Territory. (b) Includes Station Wagons, Estate Cars, etc. (c) Includes Chassis for all utilities, vans and similar light commercial vehicles. (d) Monoconstructed Units and Chassis to which some additional body work (except painting) is to be done in another factory. (e) Goods Vehicles, with short wheel bases, which it is known are destined for adaption by semi-trailer manufacturers as prime movers for articulated vehicles. (f) Other than Semi-Trailers. (g) Box type containers of the type used for road-rail (sea) transportation of goods.

TABLE 12. - MOTOR VEHICLE REGISTRATIONS : AUSTRALIA

(Excluding defence service vehicles)

Year	No. of motor vehicles on register at end of period			No. of new motor vehicles registered during year ended 30 June		
	Motor cars and station wagons (a)	Other motor vehicles (b)	Motor cycles (c)	Motor cars and station wagons	Other motor vehicles	Motor cycles (c)
1961-1962	2,199,159	814,376	85,390	215,926	52,121	5,314
1962-1963	2,360,815	833,402	77,667	284,926	60,057	5,446
1963-1964	2,594,605	850,517	71,097	329,338	70,776	5,481
1964-1965	2,811,461	864,926	67,865	347,490	73,512	7,470
1965-1966	2,974,538	877,643	67,332	307,979	75,574	8,686
1966-1967	3,140,485	892,693	73,454	314,140	75,995	13,187

(a) Includes ambulances and hearses. (b) Includes utilities, panel vans, truck and omnibuses. (c) Includes motor scooters.

The following tables show imports and exports of commodities of the type covered in this bulletin.

The format for Table 13 has been redesigned to show specified items in the Australian Import Commodity Classification (which is based on the Standard International Trade Classification, Revised) introduced into Australian import statistics as from July 1965. Details on the basis shown in this table are not available for earlier years.

TABLE 13. - IMPORTS OF SPECIFIED ITEMS OF THE AUSTRALIAN IMPORT

COMMODITY CLASSIFICATION : AUSTRALIA, 1965-66

Commodity classification ref. no.	Description	Value (\$'000)
732	Road motor vehicles -	
732.10	Passenger motor cars (other than buses or special vehicles) ..	73,400
732.20	Public service type passenger vehicles ..	765
732.30	Lorries and trucks (incl. ambulances, etc.)	52,191
732.40	Special purpose motor lorries, trucks and vans	3,356
732.50	Road tractors for tractor-trailer combinations	1,410
732.60	Chassis fitted with engines for passenger motor cars	4,047
732.70	Chassis fitted with engines for other motor vehicles	11,572
732.81	Bodies (incl. cabs), for motor vehicles ..	3,847
732.89	Parts and accessories, n.e.i. for motor vehicles	84,189
732.91	Motor cycles, auto-cycles, etc. sidecars ..	1,938
732.92	Parts and accessories, n.e.i., solely for use of motor cycles, auto-cycles, etc. ..	153
	Total group 732	236,868
733	Road vehicles other than motor vehicles -	
733.11	Cycles, not motorised ..	35
733.12	Parts and accessories, n.e.s., for cycles not motorised, etc. ..	1,176
733.30	Other vehicles not mechanically propelled and parts	1,867
733.40	Invalid carriages ..	2
	Total group 733	3,080

NOTE. Values are expressed in \$A f.o.b. port of shipment.

TABLE 14. - IMPORTS (a) OF MOTOR VEHICLES, MOTOR CYCLES AND CYCLES, AND PARTS
AUSTRALIA

Item	Unit	1961-62	1962-63	1963-64	1964-65
Motor vehicle engines	No.	1,812	3,649	2,275	706
	\$A'000	691	1,395	1,034	277
Motor vehicle engine parts	"	3,067	4,684	5,300	1,411
Other motor vehicles, parts and accessories- Complete vehicles	No.	5,332	16,251	22,958	41,197
	\$A'000	11,714	25,796	31,447	51,343
All other parts and accessories	"	94,524	187,523	204,648	224,461
<u>Total motor vehicles and parts</u>	"	109,996	219,398	242,429	277,491
Cycles and cycle parts - Bicycles, tricycles and similar vehicles n.e.i., and frames	No.	7,035	7,875	10,495	15,593
	\$A'000	57	72	110	135
Cycle parts and accessories	"	872	1,343	1,305	1,564
Motor cycles and frames	No.	3,707	6,290	7,210	10,046
	\$A'000	820	1,245	1,258	1,835
Motor cycle engines	No.	57	65	47	7
	\$A'000	5,768	7,202	4,326	532
Parts for motor cycle engines	"	54,332	57,564	53,650	10,440
Motor cycle parts and accessories including sidecars	"	147,088	143,166	153,348	175,178

(a) See Introductory Note page 20.

NOTE. Values are expressed in \$A f.o.b. port of shipment.

TABLE 15. - EXPORTS OF MOTOR VEHICLES AND CYCLES : AUSTRALIA

Item	Unit	1961-62	1962-63	1963-64	1964-65	1965-66
Motor cars	No.	3,266	6,964	7,337	11,030	9,724
	\$A'000	4,432	8,056	10,851	14,144	13,540
Motor trucks or buses, etc.	No.	308	685	586	809	986
	\$A'000	815	2,327	1,490	2,491	3,239
Motor car and truck parts and accessories thereof	"	7,356	8,966	18,020	21,753	24,970
Motor cycles, tricycles, and similar vehicles, n.e.i., and parts and accessories thereof	\$A	63,250	69,518	229,706	131,648	113,068

NOTE. Values are expressed in \$A f.o.b. port of shipment.

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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, A.C.T. 2600

6 FEBRUARY 1968

NOTE. Inquiries concerning these statistics may be made in Canberra by telephoning 63 9111 Extension 2267 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.