



Commonwealth Bureau of Census and Statistics.

CANBERRA.

OFFICIAL STATISTICS, COMMONWEALTH OF AUSTRALIA.

MANUFACTURING INDUSTRIES,

1940-41.

NO. 10 MOTOR VEHICLES AND CYCLES

**PREPARED UNDER INSTRUCTIONS FROM
THE HONORABLE THE TREASURER.**

BY

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By Authority
L. F. JOHNSON, COMMONWEALTH GOVERNMENT PRINTER, CANBERRA.
(Printed in Australia.)

P R E F A C E

1. Industries included in the Series: The list of industries included in this series is the same as in previous years. Summaries of the various industries will appear as the information becomes available and not necessarily in any given order. The following have already been published: Numbers 1 to 7 and 11 to 13.
2. Classification of Factories: The classification of factories in Australia is based on the nature of the product. Where two or more distinct types of industrial activity are carried on in one establishment, factory proprietors are requested to furnish separate returns for each activity. In some instances, however, this is not practicable, and in such cases there is no alternative but to classify the factory according to its predominant activity. This difficulty is most acute in the Metal Trades industries (e.g. Engineering firms also producing Agricultural Implements, Stoves and Ovens, and/or Brass and Copper products), but it is also to be found in factories concerned with the treatment or manufacture of Skins, Leather, Clothing, wood products and some other articles. In consequence, and to an extent which will vary with individual industries, the figures may include the subsidiary but extraneous activities of those establishments included in the industry, while they will exclude relevant activities which are subsidiary to the predominant activity of establishments classified to some other industry. This qualification is not important in the case of Motor Vehicles and Cycles, the industry with which this summary is concerned.
3. Basis of the Statistics: The scope of the factory statistics is fully explained in Part I of the annual Production Bulletin.

Briefly, a "factory" is taken to be an industrial establishment in which four or more hands are employed or in which power other than hand is used.

All persons employed in the manufacturing activities of the factory are counted as factory employees. The figures relating to employment, therefore, exclude all those engaged in selling and distribution, such as salesmen, travellers, collectors, carters engaged solely on outward delivery and retailing storemen. The figures do include, however, proprietors who work in their own factories and "out-workers".

The value of output is the wholesale selling value at the factory of goods made or processed during the year, including by-products. In addition, it includes the value of other work done, such as repair work, assembling and making up for customers.

The value of production is the value of output minus the cost of raw materials, containers, power, fuel, light, lubricants, water, tools replaced, and repairs to plant.

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Canberra, A.C.T.
27th January, 1943.

MOTOR VEHICLES AND CYCLES.

The factory classification provides for the grouping of factories associated with the Motor Industry into four groups, viz. - (i) Construction and Assembly; (ii) Motor Body Building; (iii) Manufacture of Cycle and Motor Accessories and (iv) Repair Work. A summary of the principal statistics for each of these industries is given in the following tables (Nos. 1 to 8). In addition, Tables Nos. 9 and 10 provide for the aggregation of these statistics for the industry as a whole.

1. MOTOR VEHICLES AND CYCLES : CONSTRUCTION AND ASSEMBLY. AUSTRALIA, 1936-37 TO 1940-41.

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light Used	Value of Other Materials Used	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1936-37(c)	85	4,626	1,009	34	530	1,636	2,200
1937-38(d)	86	4,908	1,099	39	677	1,784	2,500
1938-39(d)	89	4,279	987	38	664	1,575	2,277
1939-40(d)	83	3,686	912	44	678	1,488	2,210
1940-41(d)	77	3,257	852	41	1,247	1,357	2,645

(a) Including Working Proprietors. (b) Exclusive of amounts drawn by Working Proprietors. (c) Exclusive of South Australia and Tasmania. (d) Exclusive of South Aus.

In the following table particulars of the Industry are given for each State during the year 1940-41.

2. MOTOR VEHICLES AND CYCLES : CONSTRUCTION AND ASSEMBLY. STATES. 1940-41.

Particulars	New South Wales	Vic-toria	Queens-land	South Aus-tralia	Western Aus-tralia	Tas-mania	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Number of Factories ..	22	23	14	(c)	14	4	77
Number Employed (a) -							
Males ..	880	1,633	345	(c)	141	24	3,023
Females ..	37	151	18	(c)	4	4	214
Total ..	917	1,784	363	(c)	145	28	3,237
Value of -	£.	£.	£.	£.	£.	£.	£.
Salaries and Wages							
Paid (b) ..	216,200	514,612	82,634	(c)	34,386	3,610	851,842
Fuel used ..	13,691	19,310	5,125	(c)	2,959	162	41,247
Materials used ..	309,306	839,962	73,768	(c)	22,953	1,265	1,247,254
Production ..	362,271	776,659	145,245	(c)	67,049	5,038	1,356,262
Output ..	585,268	1,635,931	224,136	(c)	92,961	6,465	2,644,763
Land and Buildings ..	509,050	444,244	147,053	(c)	75,797	10,385	1,186,529
Plant and Machinery ..	101,561	85,672	12,070	(c)	8,464	1,084	206,871
H.P. of Engines Ordinarily in use ..	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
	1,524	1,943	522	(c)	322	28	4,339

(a) Includes Working Proprietors. (b) Exclusive of amounts drawn by Working Proprietors. (c) Included with Motor Vehicles and Cycles - Repairs.

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**3. MOTOR VEHICLES AND CYCLES : MOTOR BODY BUILDING, AUSTRALIA,
1936-37 TO 1940-41.**

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light Used	Value of Other Materials Used	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1936-37	220	12,403	2,585	70	3,656	3,547	7,273
1937-38	223	12,932	2,731	74	4,345	4,003	8,422
1938-39	232	11,742	2,589	73	3,749	3,747	7,569
1939-40	220	10,465	2,336	70	3,131	3,540	6,741
1940-41	215	10,038	2,428	79	2,869	3,300	6,248

(a) Including working Proprietors. (b) Exclusive of Amounts drawn by Working Proprietors.

In the following table particulars of the Industry are given for each State during the year 1940-41.

4. MOTOR VEHICLES AND CYCLES : MOTOR BODY BUILDING, STATES, 1940-41.

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Number of Factories ..	51	81	40	12	11	20	215
Number Employed (a) -							
Males ..	1,153	2,591	439	4,954	122	150	9,409
Females ..	58	56	22	486	4	3	629
Total ..	1,211	2,647	461	5,440	126	153	10,038
Value of -							
Salaries and Wages Paid (b) ..	£. 291,637	£. 557,283	£. 77,313	£. 1,454,012	£. 23,571	£. 24,087	£. 2,427,903
Fuel used ..	9,347	17,849	2,861	46,691	1,312	418	78,478
Materials used ..	387,224	1,074,502	88,478	1,269,214	30,853	19,129	2,869,400
Production ..	388,871	898,384	114,044	1,627,763	35,958	34,873	3,299,893
Output ..	785,442	1,990,735	205,363	3,143,668	68,123	54,420	6,247,771
Land and Buildings	296,077	602,812	80,821	348,461	45,089	51,929	1,425,189
Plant and Machinery	100,034	243,966	30,885	227,458	12,647	3,725	618,719
H.P. of Engines Ordinarily in use ..	H.P. 2,448	H.P. 4,480	H.P. 592	H.P. 13,232	H.P. 197	H.P. 117	H.P. 21,066

(a) Including working Proprietors. (b) Exclusive of Amounts drawn by Working Proprietors.

5. MOTOR VEHICLES AND CYCLES : ACCESSORIES, AUSTRALIA, 1936-37 TO 1940-41.

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light Used	Value of Other Materials Used	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1936-37	61	1,154	187	16	305	341	662
1937-38	66	1,926	348	24	455	617	1,096
1938-39	72	1,919	358	26	402	640	1,068
1939-40	76	1,964	376	29	427	638	1,094
1940-41	76	2,351	494	36	513	800	1,349

(a) Including working Proprietors. (b) Exclusive of amounts drawn by working Proprietors.

In the following table particulars of the Industry are given for each State during the year 1940-41 -

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6. MOTOR VEHICLES AND CYCLES : ACCESSORIES, STATES, 1940-41.

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	(d) Tasmania	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Number of Factories ..	23	40	12	-	1	-	76
Number Employed (a) -							
Males ..	415	1,524	91	-	16	-	2,046
Females ..	106	187	12	-	-	-	305
Total ..	521	1,711	103	-	16	-	2,351
Value of -	£.	£.	£.	£.	£.	£.	£.
Salaries and Wages							
Paid (b) ..	94,412	379,294	(c)	-	(c)	-	494,282
Fuel used ..	10,063	25,076	(c)	-	(c)	-	36,421
Materials used ..	144,947	344,078	(c)	-	(c)	-	512,867
Production ..	160,240	601,218	(c)	-	(c)	-	799,643
Output ..	315,250	970,372	(c)	-	(c)	-	1,348,931
Land and Buildings ..	101,243	279,789	(c)	-	(c)	-	406,003
Plant and Machinery ..	53,607	235,160	(c)	-	(c)	-	295,417
H.P. of Engines Ordinarily in use ..	H.P. 956	H.P. 2,824	H.P. (c)	H.P. -	H.P. (c)	H.P. -	H.P. 3,918

(a) Including Working Proprietors. (b) Exclusive of amounts drawn by Working Proprietors.
 (c) Not available for publication. These figures are included in the total for Australia.
 (d) Included with Repairs.

7. MOTOR VEHICLES AND CYCLES : REPAIRS, AUSTRALIA, 1936-37 TO 1940-41.

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light Used	Value of Other Materials Used	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1936-37(c)	2,622	14,855	2,271	124	2,445	3,869	6,438
1937-38(d)	3,012	16,951	2,751	147	2,737	4,628	7,512
1938-39(d)	3,143	18,561	3,197	160	2,988	5,167	8,335
1939-40(d)	3,184	18,350	3,208	163	3,233	5,303	8,699
1940-41(d)	3,057	16,579	2,995	157	3,221	4,938	8,316

(a) Including Working Proprietors. (b) Exclusive of amounts drawn by Working Proprietors.
 (c) Includes Construction and Assembly, South Australia and Construction and Assembly and Cycle and Motor Accessories, Tasmania. (d) Includes Construction and Assembly in South Australia and Cycle and Motor Accessories in Tasmania.

In the following table particulars of the Industry are given for each State during the year 1940-41.

8. MOTOR VEHICLES AND CYCLES : REPAIRS, STATES, 1940-41.

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Number of Factories ..	1,219	888	344	202	284	120	3,057
Number Employed (a) -							
Males ..	6,132	4,372	1,803	1,406	975	615	15,303
Females ..	564	283	179	106	75	69	1,276
Total ..	6,696	4,655	1,982	1,512	1,050	684	16,579
Value of -	£.	£.	£.	£.	£.	£.	£.
Salaries and Wages							
Paid (b) ..	1,177,800	896,692	356,555	282,007	183,599	98,748	2,995,401
Fuel used ..	62,732	46,650	17,975	14,457	11,595	3,748	157,157
Materials used ..	1,239,822	888,061	384,011	346,262	260,035	102,878	3,221,069
Production ..	1,909,050	1,499,538	581,408	419,679	363,113	165,430	4,938,218
Output ..	3,211,604	2,431,249	983,394	780,398	634,743	272,056	8,316,444
Land and Buildings ..	2,709,858	1,482,466	479,763	518,736	441,392	237,719	5,869,934
Plant and Machinery ..	552,273	368,941	144,754	120,383	105,615	49,071	1,341,237
H.P. of Engines Ordinarily in use ..	H.P. 1,219	H.P. 888	H.P. 344	H.P. 202	H.P. 284	H.P. 120	H.P. 3,057

(a) Including Working Proprietors. (b) Exclusive of amounts drawn by Working Proprietors.
 (c) Includes Construction and Assembly. (d) Includes Cycle and Motor Accessories.

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In the following tables relating to the operations of these industries the particulars have been combined to show the industry as a whole.

9. MOTOR VEHICLES AND CYCLES : CONSTRUCTION AND ASSEMBLY; MOTOR BODY BUILDING; ACCESSORIES; AND REPAIRS; AUSTRALIA, 1936-37 TO 1940-41.

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light Used	Value of Other Materials Used	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1936-37	3,188	33,078	6,052	244	6,936	9,391	16,571
1937-38	3,387	36,717	6,929	284	8,213	11,032	19,529
1938-39	3,536	36,521	7,132	296	7,804	11,150	19,250
1939-40	3,563	34,465	6,832	307	7,469	10,968	18,744
1940-41	3,425	32,205	6,769	313	7,851	10,394	18,558

(a) Including Working Proprietors. (b) Exclusive of amounts drawn by Working Proprietors.

Details for each State are shown in the following table.

10. MOTOR VEHICLES AND CYCLES : CONSTRUCTION AND ASSEMBLY; MOTOR BODY BUILDING; ACCESSORIES; AND REPAIRS; STATES, 1940-41.

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Number of Factories	1,315	1,032	410	214	310	144	3,425
Number Employed (a)-							
Males ..	8,580	10,120	2,678	6,360	1,254	789	29,781
Females ..	765	677	231	592	83	76	2,424
Total ..	9,345	10,797	2,909	6,952	1,337	865	32,205
Value of -	£.	£.	£.	£.	£.	£.	£.
Salaries and Wages Paid (b) ..	1,780,049	2,347,881	532,763	1,736,019	246,071	126,645	6,769,428
Fuel used ..	95,833	108,885	27,023	61,148	16,086	4,328	313,303
Materials used ..	2,081,299	3,146,603	565,169	1,615,476	318,771	123,272	7,850,590
Production ..	2,820,432	3,775,799	871,002	2,247,442	474,000	205,341	10,394,016
Output ..	4,997,564	7,031,287	1,463,194	3,924,066	808,857	332,941	18,557,909
Land and Buildings	3,616,228	2,809,311	727,928	867,197	566,958	300,033	8,887,655
Plant and Machinery	807,495	933,739	193,099	347,841	128,186	53,884	2,464,244
H.P. of Engines Ordinarily in use ..	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
	11,566	13,454	3,087	11,920	1,998	743	45,768

(a) Including working Proprietors. (b) Exclusive of amounts drawn by working Proprietors.

Particulars of the average salary and wage paid together with the average values per employee of output and production are shown in the following table for each of the years indicated :-

11. MOTOR VEHICLES AND CYCLES - CONSTRUCTION AND ASSEMBLY; BODY BUILDING; ACCESSORIES; AND REPAIRS - AVERAGE SALARIES AND WAGES PAID, OUTPUT, ETC. PER EMPLOYEE, AUSTRALIA, 1936-37 TO 1940-41.

Year	Salaries and Wages per Employee (a)	Value of Output per Person Engaged (b)	Value of Production per Person Engaged (b)	Ratio per cent. of Salaries and Wages to Value of Production
	£.	£.	£.	%
1936-37	198	501	284	61.44
1937-38	204	532	300	62.84
1938-39	212	527	305	63.96
1939-40	216	544	318	62.29
1940-41	230	576	323	65.13

(a) Excludes Working Proprietors and Amounts drawn by them. (b) Including Working Proprietors.

The following table is divided into five parts and refers to the output of factories associated with the Motor and Cycle Industry. The quantities and values shown here are those furnished by the establishments included in this Summary only. The figures do not include similar articles produced in establishments not classified under Motor and Cycle Works.

**12. MOTOR VEHICLES AND CYCLES : CONSTRUCTION, ASSEMBLY, REPAIRS, ETC.
PRODUCTION, AUSTRALIA, 1940-41.**

Particulars	Unit of Quantity	Quantity	Value £.
PART 1 - ASSEMBLY OF CHASSIS, INCLUDING ENGINES.			
Chassis (including Engines) Assembled -			
Cars ..	No.	20,883	(a)
Trucks - Spark Ignition ..	"	13,789	(a)
- Compression Ignition ..	"	40	(a)
PART 2 - MOTOR BODIES MADE.			
Sedans ..	No.	10,827	1,001,048
Coupes ..	"	675	54,336
Tourers ..	"	1,481	80,863
Roadsters ..	"	311	17,045
Passenger Buses ..	"	272	132,293
Trucks - With Cab ..	"	9,812	416,654
- Without Cab ..	"	9,638	517,177
- Cabins only ..	"	6,163	233,321
Utilities ..	"	6,005	339,242
Vans ..	"	808	74,653
Trailers - Caravan ..	"	105	17,414
- Other ..	"	674	125,323
Other ..	"	2,318	303,183
Sidecars made ..	"	399	5,011
PART 3 - MOTOR ACCESSORIES MADE. (d)			
Axles ..	No.	7,039	8,351
Bumpers and Bumperettes ..	"	39,519	30,441
Springs ..	"	(b)	81,974
Radiators - Cores ..	No.	8,913	24,853
Spark Plugs ..	"	816,025	88,017
Pistons ..	"	243,621	98,136
Piston Rings ..	"	3,023,412	108,775
Shock Absorbers ..	"	17,477	15,911
Gears ..	"	(b)	6,135
PART 4 - CYCLES.			
Cycles - Made on own behalf ..	No.	(c) 81,574	(c) 400,198
" " on behalf of customers ..	"	11,826	(a)
" - Assembled on own behalf ..	"	17,890	118,794
" " on behalf of customers ..	"	5,545	(a)
Cycle Parts made ..	"	(b)	45,787

(a) Quantity only collected. (b) Value only collected. (c) Includes Cycles made on behalf of customers in N.S.W. (d) In addition, the following quantities and values of motor accessories were produced in establishments other than Motor and Cycle: Axles, £72,286; Springs, £176,067; Radiators - Cores, No. 9,484, £21,218; Pistons, No. 2,843, £1,838; Piston Rings, No. 398,722, £28,531; Gears, £107,797.

Further evidence of the development of the Motor Body Building Industry in Australia is given in the following table.

13. MOTOR BODIES: NUMBER IMPORTED AND MADE - AUSTRALIA.

Year	Motor Bodies		Year	Motor Bodies	
	Imported	Made		Imported	Made
	No.	No.		No.	No.
1931-32	61	6,323	1936-37	786	77,198
1932-33	108	13,532	1937-38	646	92,245
1933-34	1,116	26,302	1938-39	532	79,436
1934-35	2,215	45,445	1939-40	345	71,487
1935-36	1,699	67,337	1940-41	50	49,130

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The following table furnishes particulars of motor vehicle registrations in Australia for the periods shown.

14. MOTOR VEHICLES REGISTRATIONS: AUSTRALIA, 1932-33 TO 1941-42.

As at 30th June	Motor Vehicles on Register			Year	New Motor Vehicles Registered (a)		
	Motor Cars	Commercial Vehicles, etc.	Motor Cycles		Motor Cars	Commercial Vehicles, etc.	Motor Cycles
1933	436,499	105,837	72,896	1932-33	14,024	3,366	2,639
1934	455,199	116,341	73,104	1933-34	22,522	6,589	3,936
1935	457,684	155,721	75,045	1934-35	36,934	10,334	5,249
1936	484,832	180,567	77,467	1935-36	52,383	18,648	6,673
1937	499,289	214,296	77,912	1936-37	48,587	24,191	7,479
1938	534,963	241,751	80,114	1937-38	55,125	27,402	6,323
1939	562,271	258,025	79,237	1938-39	54,107	24,927	7,370
1940	559,533	260,994	74,496	1939-40	40,325	19,724	4,517
1941	538,527	262,484	70,922	1940-41	17,765	10,168	2,589
1942	446,423	252,589	49,450	1941-42	1,005	5,188	923

(a) Excluding Northern Territory and extra-metropolitan area of Western Australia; also Australian Capital Territory prior to 1935-36.

The number of persons employed shown in Tables 1 to 10 and 16 has been adjusted to represent the average employment over the whole year in those cases where short time was worked. In the following table the factories have been classified according to the average number employed during the actual period worked. The difference in the number of factories shown in Table 9 is due to the inclusion of a small number of factories which cannot be readily classified.

15. FACTORIES CLASSIFIED ACCORDING TO HANDS EMPLOYED - AUSTRALIA, 1930-31 TO 1940-41.

Number of Persons Employed in each Factory	1930-31		1938-39		1939-40		1940-41	
	Number of Fac- tories	Number Em- ployed	Number of Fac- tories	Number Em- ployed	Number of Fac- tories	Number Em- ployed	Number of Fac- tories	Number Em- ployed
Under 4	1,371	2,622	1,721	3,522	1,792	3,735	1,832	3,743
4	246	984	425	1,700	427	1,708	387	1,548
5 to 10	434	2,813	891	5,911	853	5,630	762	5,036
11 to 20	119	1,795	271	4,041	265	3,751	236	3,346
21 to 50	81	2,486	131	4,031	138	4,323	130	4,070
51 to 100	13	860	64	4,350	59	3,931	49	3,288
Over 100	5	1,445	33	13,239	29	11,538	23	11,370
TOTAL:	2,269	13,005	3,536	36,894	3,563	34,616	3,425	32,401
Average Number employed per Factory:	6		10		10		9	

Further details of employment in the Industrial group - Motor Vehicles and Cycles - Construction and assembly, Body Building, Accessories and Repairs are furnished in the next three tables. In the first, the persons employed have been classified according to the nature of their employment.

16. PERSONS EMPLOYED CLASSIFIED ACCORDING TO GRADE OF OCCUPATION, AUSTRALIA, 1930-31 TO 1940-41.

Grade of Occupation		1930-31	1937-38	1938-39	1939-40	1940-41
		No.	No.	No.	No.	No.
Working Proprietors	..	1,681	2,822	2,902	2,867	2,734
Managers and Overseers	..	622	1,210	1,263	1,273	1,211
Clerical Staff	..	1,141	3,048	3,304	3,410	3,442
Engine Drivers and Firemen	..	8	15	18	19	23
Workers, Skilled and Unskilled	..	9,073	29,143	28,713	26,557	24,491
Other (Carters and Messengers)	..	156	342	321	339	304
TOTAL:		12,683	36,580	36,521	34,465	32,205

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The next table shows the actual number of persons employed (excluding Working Proprietors) on the Pay-day nearest to the 15th of each month for the years 1939-40 and 1940-41.

17. PERSONS EMPLOYED ON PAY-DAY NEAREST TO THE 15TH OF EACH MONTH:
AUSTRALIA, 1939-40 AND 1940-41.
(Working Proprietors Excluded)

Month	1939-40			1940-41		
	Males	Females	Total	Males	Females	Total
	No.	No.	No.	No.	No.	No.
July ..	31,255	1,989	33,244	24,862	2,101	26,963
August ..	30,812	1,968	32,780	24,175	2,063	26,238
September ..	29,163	1,969	31,132	24,871	2,119	26,990
October ..	28,592	1,944	30,536	25,583	2,210	27,793
November ..	28,227	2,001	30,228	26,389	2,266	28,655
December ..	29,728	2,119	31,847	27,407	2,333	29,740
January ..	30,145	2,193	32,338	27,509	2,350	29,859
February ..	30,228	2,200	32,428	28,158	2,397	30,555
March ..	30,066	2,211	32,277	28,569	2,476	31,045
April ..	29,610	2,202	31,812	28,340	2,533	30,873
May ..	28,569	2,125	30,694	28,981	2,613	31,594
June ..	27,411	2,115	29,526	29,550	2,788	32,338
Average:	29,484	2,086	31,570	27,033	2,354	29,387

A classification of the number of employees according to age on or about the 15th June, 1941, is shown in the next table.

18. PERSONS EMPLOYED CLASSIFIED ACCORDING TO AGE, JUNE, 1941.

Sex	Under 16	16 and under	Adults	Total
	years	21 years		
	No.	No.	No.	No.
Males ..	1,308	5,849	22,393	29,550
Per Cent of Total	4%	20%	76%	100%
Females ..	123	1,174	1,491	2,788
Per Cent of Total	4%	42%	54%	100%
Persons ..	1,431	7,023	23,884	32,338
Per Cent of Total	4%	22%	74%	100%

Statistics of the power equipment of the factories included in this group are given in the next table. The details given include the rated horse power of engines ordinarily in use together with those in reserve or idle for the years 1939-40 and 1940-1941.

19. POWER EMPLOYED TO DRIVE MACHINERY: AUSTRALIA.

Class of Engines	Rated H.P. of Engines			
	Ordinarily in Use		In Reserve or Idle	
	1939-40	1940-41	1939-40	1940-41
Steam - Reciprocating ..	311	84	458	458
Turbine ..	-	-	-	-
Internal Combustion -				
Gas ..	206	356	16	42
Petrol or Other Light Oils ..	1,995	2,002	301	212
Heavy Oils ..	636	764	34	35
Water ..	10	16	-	-
Total Prime Movers:	3,158	3,222	809	747
Motors Driven by Electricity -				
Purchased ..	37,793	42,546	1,570	3,246
Own Generation ..	101	52	6	-
Total Electricity:	37,894	42,598	1,576	3,246
TOTAL POWER USED: (a)	40,951	45,768	2,385	3,993

(a) Without Duplication.

Details of the quantities and values of the various items of Power, Fuel and Light used in this Industrial group are shown in the following table.

20. POWER, FUEL AND LIGHT, ETC. USED: AUSTRALIA, 1940-41.

Particulars	Unit of Quantity	Quantity	Value £.
Coal - Black ..	Ton	5,413	10,749
Brown ..	"	140	279
Coke ..	"	3,131	6,090
Wood ..	"	1,393	1,167
Fuel Oil ..	gal.	1,000,159	40,316
Electricity ..	-	-	184,881
Gas ..	-	-	24,410
Other (Charcoal, etc.) ..	-	-	3,432
Water used ..	-	-	21,510
Lubricating Oil ..	-	-	16,989
TOTAL:		Value Only	313,303

Particulars of the book values of premises occupied and plant used in the factories of this Industrial group at the 30th June for each of the five years ended 1941 are shown in the next table. In addition, details of the values of additions and replacements made and depreciation allowed during the year 1940-41 are also shown. It should be noted that the amounts expended in Additions and Replacements refer to expenditure incurred by existing factories and do not include the cost of erecting and equipping new factories; these latter items, however, are included with the book values shown at 30th June. The amounts shown for Depreciation are those returned by factories. Changes in the number of factories operating and other factors, affect comparison from year to year.

21. VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY: AUSTRALIA 1940-41.

Particulars	Land and Buildings	Plant and Machinery
	£.	£.
Additions and Replacements made during year (a) ..	228,121	314,709
Depreciation allowed during year (a) ..	109,981	272,022
Book Value (a) as at 30th June -		
1941 ..	8,887,655	2,464,244
1940 ..	8,994,008	2,439,896
1939 ..	8,729,583	2,411,280
1938 ..	7,882,769	2,094,407
1937 ..	6,964,566	1,818,686

(a) See note above.

The imports and exports of a number of items included in the group - Motor Vehicles and Cycles - are given in the following tables.

22. IMPORTS OF MOTOR VEHICLES AND CYCLES: AUSTRALIA, 1928-29 TO 1940-41.

Item	Unit	1928-29	1930-31	1938-39	1939-40	1940-41
Motor Vehicles -						
Chassis Unassembled -						
Cars ..	No.	92,198	9,220	60,675	(c)	)
	£a.	7,712,723	784,200	5,703,117	4,971,348	)
Trucks ..	No.	(a)	(c)	14,687	(c)	)
	£a.	(a)	(a)	2,175,684	1,824,123	£3,915,083
Assembled	No.	7,302	147	732	(c)	)
	£a.	1,117,639	30,637	158,427	106,970	)
Parts ..	£a.	375,104	140,120	360,220	439,650	)
Motor Bodies	No.	14,546	137	532	345	50
	£a.	1,471,878	15,810	70,943	34,212	5,081
Parts of Bodies viz:-						
Metal Panels ..	£a.	17	15	71,753	71,274	22,554
Motor Parts N.E.I. ..	£a.	1,139,862	136,291	618,788	591,942	490,406
Cycle and Cycle Parts -						
Cycle, Motor Cycle and Side Car Parts ..	£a.	261,800	115,169	330,045	338,803	345,359
Bicycles, Tricycles and similar vehicles n.e.i. and Frames thereof whether partly or wholly finished ..	No.	(b)	(b)	1,056	902	642
	£a.	10,073	2,015	4,386	3,964	3,245
Motor Cycles and Frames thereof whether wholly or partly finished but not including Rubber Tyres and Tubes ..	No.	(b)	1,990	6,565	4,988	1,590
	£a.	655,555	96,633	370,699	291,379	81,769

(a) Included in Chassis - Unassembled. (b) Quantities not available. (c) Not available for publication.

23. EXPORTS OF MOTOR VEHICLES AND CYCLES: AUSTRALIA, 1928-29 TO 1939-40. (c)

Item	Unit	1928-29	1930-31	1938-39	1939-40
Motor Cars, Lorries and Wagons	No.	(a)	(a)	209	292
	£a.	175,230	106,545	45,647	76,530
Motor Cars, Trucks and Wagons - Parts of ..	£a.	(b)	(b)	66,594	57,138
Motor Cycles, Tricycles, and Similar Vehicles N.E.I. and Parts thereof ..	£a.	2,723	4,204	2,251	2,139

(a) Quantities not available. (b) Included in Motor Cars, Lorries and Wagons.

(c) Later years' figures not available for publication.

The following table shows the weekly minimum rates of wage and hours of labour in operation at 30th June, 1941, as prescribed by Commonwealth and State Industrial Tribunals. Where no rate is shown it indicates that the particular occupation is not specifically provided for.

24. MOTORS AND CYCLES - ADULT MALES.

Minimum Weekly Rates of Wage and Hours of Labour as at
30th June, 1941.

Occupation	New South Wales		Victoria		Queensland		South Australia		Western Australia		Tasmania	
	Hrs.	Weekly Wage	Hrs.	Weekly Wage	Hrs.	Weekly Wage	Hrs.	Weekly Wage	Hrs.	Weekly Wage	Hrs.	Weekly Wage
Motors -												
Mechanic	.. 44	121/-	44	120/-	44	116/-	44	116/-	44	121/-	44	117/-
Tuner and Tester	.. 44	121/-	44	120/-	44	116/-	44	116/-	44	121/-	44	117/-
Body maker	.. 44	120/- & 124/-	44	119/- & 123/-	44	115/- & 119/-	44	115/- & 119/-	44	112/-	44	116/- & 120/-
Metal panel worker	.. 44	124/-	44	123/-	44	119/-	44	119/-	44	112/-	44	120/-
Press Die setter	.. 44	121/-	44	120/-	44	116/-	44	116/-	.. ..	44	117/-	
Assembler	.. 44	106/-to 120/-	44	105/-to 119/-	44	101/-to 115/-	44	101/-to 115/-	44	95/-	44	102/-to 116/-
Metal panel fixer	.. 44	106/-	44	105/-	44	101/-	44	101/-	44	101/-	44	102/-
Welders (oxy etc.)	.. 44	106/- & 114/-	44	105/- & 113/-	44	101/- & 109/-	44	101/- & 109/-	44	112/-	44	102/- & 110/-
Panel beater	.. 44	120/- & 124/-	44	119/- & 123/-	44	115/- & 119/-	44	115/- & 119/-	44	112/-	44	116/- & 120/-
Panel edge turner	.. 44	112/-	44	111/-	44	107/-	44	107/-	.. ..	44	108/-	
Hammer driver	.. 44	100/6	44	99/6	44	95/6	44	95/6	.. ..	44	96/6	
Windscreen assembler	.. 44	106/-	44	105/-	44	101/-	44	101/-	.. ..	44	102/-	
Toledo press operator	.. 44	113/-	44	112/-	44	108/-	44	108/-	.. ..	44	109/-	
Drillers	.. 44	99/-to 105/-	44	98/-to 104/-	44	94/-to 100/-	44	94/-to 100/-	.. ..	44	95/-to 101/-	
Smith	.. 44	125/-	44	124/-	44	120/-	44	120/-	44	112/-	44	121/-
Spray painter	.. 44	102/6to 120/-	44	101/6to 119/-	44	97/6to 115/-	44	97/6to 115/-	44	112/-	44	98/6to 116/-
Duco polisher	.. 44	105/- & 112/-	44	104/- & 111/-	44	100/- & 107/-	44	100/- & 107/-	.. ..	44	101/- & 108/-	
Trimmer	.. 44	120/-	44	119/-	44	115/-	44	115/-	44	112/-	44	116/-
Chassis assembler	.. 44	106/-	44	105/-	44	101/-	44	101/-	.. ..	44	102/-	
Motor Cycle Mechanic	.. 44	121/- (a)	44	120/- (a)	44	116/- (a)	44	116/- (a)	.. 121/- (b)	44	117/- (a)	
Cycles -		S.		S.		S.		S.		S.		S.
Frame builders	.. 44	97/8	44	111/-	44	121/5	44	107/-	.. 98/-	44	80/-	
Brazers	.. 44	97/8	44	111/-	44	121/5	44	107/-	.. 98/-	.. ..		
Repairers	.. 44	97/8	44	111/-	44	121/5	48	107/-	.. 98/-	40	80/-	
Wheel Builders	.. 44	93/-	44	105/6	44	121/5	48	107/-	.. 98/-	44	80/-	
Rim makers	.. 44	93/-	44	105/6	44	121/5	48	107/-	.. 98/-	.. ..		
Assemblers	.. 44	96/-	44	105/6	44	109/1	48	98/-	44	98/-	44	80/-

C. denotes Commonwealth Court Award. S. denotes State Award.

(a) A Commonwealth Arbitration Court Award also prescribes wage rates for the following -

Adult female workers in certain occupations according to experience.

Junior male workers according to age and experience.

Apprentices according to experience on four-year and five-year terms.

(b) Wage rates are prescribed for apprentices and Junior male workers.