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PRODUCTION BULLETIN NO. 7 : MOTOR VEHICLES, PARTS AND ACCESSORIES AUSTRALIA, AUGUST 1978

INQUIRIES

If you want to know more about these statistics ring Mr Cyril Rees on Canberra 525558 or our State Office, or write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616
For copies of this publication contact Information Services, Canberra 526627 or State offices.

EXPLANATORY NOTES

Introduction

This bulletin is one of a series of eight publications containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 7 below.

2. Data contained in this bulletin are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Where another authority is the source this is indicated in a footnote.

Classification

3. Most items are identified by Commodity Codes of the Commodity Classification used in Australian manufacturing statistics. However in cases where data are derived from sources other than ABS collections no commodity code is shown. In this bulletin some of the "traditional" combinations of commodities have been rearranged so as to align production data with import and export commodity items in accordance with the Australian Standard Commodity Classification (ASCC). For further information regarding the ASCC see the ABS publication *Australian Standard Commodity Classification 1975-76* (1207.0).

Scope and coverage

4. Production statistics collected by the ABS exclude production by single establishment manufacturing enterprises employing less than four persons and production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. However, except for a few commodities the effect on production levels and movements is marginal.

5. Annual figures shown in this publication are derived by aggregating monthly/quarterly production and relate to production during the year ended 30 June. They may differ from annual manufacturing census data which relate to the census year, and in the case of businesses unable to report on a June year basis include details in respect of substitute accounting periods.

Seasonal adjustment

6. This bulletin contains seasonally adjusted

statistics of several items. In the seasonal adjustment, account has been taken not only of normal seasonal factors but also of "trading-day" effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. Details of the methods used in seasonally adjusting these and other series are given in *Seasonally Adjusted Indicators* (1308.0).

Related publications

7. Other ABS publications which may be of interest are :

Production Bulletin No. 1 : Electricity, Gas and Electrical Appliances (8357.0)

Production Bulletin No. 2 : Clothing and Footwear (8358.0)

Production Bulletin No. 3 : Food, Drink and Tobacco (8359.0)

Production Bulletin No. 4 : Textiles, Bedding and Floor Coverings (8360.0)

Production Bulletin No. 5 : Building Materials and Fittings (8361.0)

Production Bulletin No. 6 : Chemicals and By-products (8362.0)

Production Bulletin No. 8 : Miscellaneous Products (8364.0)

Selected Principal Articles Produced (8365.0)

Principal Articles Produced (8303.0)

All publications produced by the ABS are listed in *Catalogue of Publications* (1101.0) which is available free of charge from any ABS office.

Symbols and other usages

- n.p. not available for separate publication (but included in totals where applicable)
- .. not applicable
- nil or less than half the final digit shown

R. J. CAMERON
Australian Statistician

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MOTOR BODIES (a)

Period	Cars, station wagons, utilities (b) panel vans (b) (f)	Vans (c) (d)		Passenger buses (d) (583.83)	Trucks and truck type vehicles (b) (c)			Other motor bodies (g) (583.96)	
		Insulated (583.54,55)	Other (583.58)		Trays (583.71)	Tipper (583.73)	Transit concrete mixers (583.79)		Other (e) (583.76, 77.81)
					- Number -				
1975-76	2,776	875	1,266	811	12,745	3,232	505	754	705
1976-77	3,037	996	1,302	666	9,963	2,861	291	577	788
1977-78	3,386	670	1,373	959	12,566	2,713	380	809	797
1976 -									
January	211	42	56	40	734	173	16	27	25
February	262	69	104	69	1,427	279	n.p.	46	49
March	277	99	107	80	1,012	314	n.p.	82	64
Quarter ended -									
June	761	290	389	196	3,693	838	n.p.	277	243
September	786	279	301	165	2,612	689	78	147	239
December	735	269	365	175	2,468	748	77	157	252
1977 -									
March	775	241	243	144	2,408	640	41	139	211
June	741	207	393	182	2,475	784	95	134	223
September	802	187	346	221	3,386	695	102	139	217
December	753	157	315	247	2,715	673	81	229	147
1978 -									
March	944	116	325	208	2,554	573	64	277	163
June	887	210	387	283	3,911	772	133	164	270

SEMI-TRAILERS AND TWO WHEEL TRAILERS

Period	Semi-trailer					Trailers Two wheel			
	Flat top (including skeletal) (584.11)	Tankers (584.06,07)	Tippers (584.14)	Low loaders (584.16)	Other (h) (i)	Box type (under 1 tonne load capacity) (584.32)	Boat type (584.34)	Agri- cultural and farm (other than box type) (584.36)	Other (i) (584.38,39)
					- Number -				
1975-76	1,721	195	649	96	335	13,197	23,429	741	1,203
1976-77	1,940	181	617	108	399	11,450	20,677	1,381	1,232
1977-78	1,824	145	589	119	381	9,265	18,974	955	1,090
1976 -									
January	66	9	26	3	15	775	1,725	n.p.	n.p.
February	120	8	52	5	22	1,235	1,863	59	66
March	156	12	75	8	42	1,273	1,950	80	89
Quarter ended -									
June	521	52	179	40	127	3,106	4,264	162	367
September	420	44	127	21	99	3,225	5,442	397	257
December	495	40	178	30	127	3,135	6,707	434	230
1977 -									
March	424	47	147	20	80	2,474	5,127	299	311
June	601	50	165	37	93	2,616	3,401	251	434
September	530	44	144	29	119	2,547	4,766	210	275
December	383	41	150	22	81	2,372	5,928	121	269
1978 -									
March	431	22	129	23	85	2,066	4,358	281	307
June	480	38	166	45	96	2,280	3,922	343	239

(a) Production by specialist body building establishments. Statistics represent production of bodies for partly finished motor vehicles reported by motor vehicle manufacturers, bodies produced by motor vehicle manufacturers for use in their own plant are excluded. Bodies intended for export or sold for repair work, and conversions (or any work done on old vehicles) are also excluded. (b) Vehicles up to and including 2,900 mm wheel base. (c) Vehicles over 2,900 mm wheel base. (d) Other than semi-trailers. (e) Includes tankers. (f) Code numbers 583.04,24,33,44. (g) Excludes truck cabs. (h) Includes buses and vans. (i) Includes commercial (highway) use, 1 tonne and over load capacity. (j) Code numbers 584.15,17,18,19.

FOUR WHEELED TRAILERS, CAMPER TRAILERS, LIFT-ON FREIGHT CONTAINERS AND STOCK CRATES

Period	Trailers - continued Four wheel				Stock crates		
	Agricultural and farm (584.41)	Commercial (highway) use (1 tonne and over, load capacity) (584.43)	Other (584.49)	Camper trailers (584.10)	Lift-on freight containers (a) (589.71,73)	For trucks (589.75)	For trailers and semi- trailers (589.77)
	- Number -						
1975-76	1,791	1,571	2,396	8,019	2,813	165	135
1976-77	1,660	1,593	2,768	5,163	1,033	132	179
1977-78	1,348	1,427	1,954	3,572	335	103	221
1976 -							
January	99	100	162	594	95	10	3
February	117	143	137	933	141	14	11
March	150	165	207	772	179	17	16
Quarter ended -							
June	379	453	766	1,164	721	48	46
September	544	460	714	1,348	422	46	46
December	509	423	893	1,542	330	33	36
1977 -							
March	371	403	548	1,307	146	24	44
June	236	307	613	966	135	29	53
September	316	350	434	1,133	79	37	47
December	316	385	528	922	39	17	43
1978 -							
March	306	292	512	706	56	17	52
June	410	400	480	811	161	32	79

CARAVANS (b) PRIVATE OR DOMESTIC USE

Period	4.6m and under (584.20)	Over 4.6m up to and including 5.2m (584.21)	Over 5.2m up to and including 6.1m (584.22)	Over 6.1m up to and including 7.6m (584.23)	Over 7.6m (584.24,25)	Total
	- Number -					
1975-76	10,158	8,586	5,294	8,206	3,397	35,641
1976-77	11,516	6,217	5,731	6,653	3,506	33,623
1977-78	8,867	4,682	4,235	3,240	1,757	22,781
1976 -						
January	369	360	173	275	102	1,279
February	861	893	408	795	296	3,153
March	995	776	509	735	410	3,425
Quarter ended -						
June	2,412	1,714	1,360	1,968	894	8,348
September	3,115	1,877	1,665	1,777	988	9,422
December	3,344	1,700	1,664	2,076	1,004	9,788
1977 -						
March	2,835	1,339	1,174	1,474	734	7,556
June	2,222	1,301	1,228	1,326	780	6,857
September	2,623	1,378	1,234	1,118	716	7,069
December	3,018	1,459	1,161	835	425	6,898
1978 -						
March	1,621	907	813	840	292	4,181
June	1,605	938			324	4,633

(a) Box-trailers of the type used for road-rail conversion for fitting wheels. (b) Semi-trailers and lift-on freight containers are included.

FINISHED MOTOR VEHICLES (a)

Period	Cars					Station wagons		
	Under 1,400 cc (581.02)	1,400 cc and under 2,200 cc (581.04)	2,200 cc and under 4,000 cc (581.06)	4,000 cc and over (581.08)	Total	Under 4,000 cc (b)	4,000 cc and over (581.16)	Total
— Number —								
1975-76	52,868	98,498	69,517	91,705	312,588	34,366	21,385	55,751
1976-77	41,315	114,058	52,942	100,389	308,704	32,266	26,301	58,567
1977-78	32,256	111,733	45,774	78,225	267,988	26,213	21,191	47,404
1977 —								
July	3,582	7,677	4,271	7,410	22,940	2,327	2,039	4,366
August	3,788	8,756	5,022	7,097	24,663	2,902	1,822	4,724
September	2,758	10,862	4,110	6,927	24,657	2,073	2,034	4,107
October	1,286	4,182	1,635	3,923	11,026	1,359	1,359	2,718
November	3,230	12,954	3,295	8,387	27,866	2,792	2,508	5,300
December	2,008	7,267	4,028	6,819	20,122	2,082	1,670	3,752
1978 —								
January	805	4,100	1,478	3,196	9,579	507	806	1,313
February	2,842	10,788	3,959	6,738	24,327	2,364	1,849	4,213
March	2,819	10,993	5,387	7,693	26,892	2,570	1,628	4,198
April	2,769	10,349	4,347	6,270	23,735	2,183	1,532	3,715
May	3,476	12,255	4,793	7,445	27,969	2,509	2,044	4,553
June	2,893	11,550	3,449	6,320	24,212	2,545	1,900	4,445
July	2,694	12,947	4,163	6,870	26,674	2,867	2,304	5,171
August	1,640	9,894	4,353	4,344	20,231	3,237	1,625	4,862
1977-78 : July to Aug.	7,370	16,433	9,293	14,507	47,603	5,229	3,861	9,090
1978-79 : July to Aug.	4,334	22,841	8,516	11,214	46,905	6,104	3,929	10,033

FINISHED MOTOR VEHICLES — continued

Period	Utilities (c) (582.04)	Panel vans (c) (582.06)	Trucks and truck type vehicles (d) (582.08-24)	Omnibuses, ambulances and hearses (582.26,28)	Total finished vehicles — all types
— Number —					
1975-76	24,631	28,817	8,949	1,801	432,537
1976-77	24,745	24,653	10,694	984	428,347
1977-78	20,804	18,353	9,115	644	364,308
1977 —					
July	1,849	2,103	919	18	32,195
August	1,902	2,034	967	38	34,328
September	1,731	1,664	862	43	33,064
October	1,292	1,011	405	46	16,498
November	2,214	2,157	907	49	38,493
December	1,780	1,632	639	17	27,942
1978 —					
January	751	521	384	8	12,556
February	1,948	1,621	772	34	32,915
March	1,856	1,601	809	100	35,456
April	1,784	1,241	692	121	31,288
May	2,015	1,395	888	98	36,918
June	1,682	1,373	871	72	32,655
July	1,831	1,286	795	51	35,808
August	1,509	1,234	907	113	28,856
1977-78 : July to Aug.	3,751	4,137	1,886	56	66,523
1978-79 : July to Aug.	3,340	2,520	1,702	164	64,664

(a) Includes production of vehicles from both Australian and imported components. Excludes vehicles finished by specialist body building establishments. (b) Code numbers 581.10,12,14. (c) Vehicles up to and including 2,900mm wheelbase. (d) Vehicles over 2,900mm wheelbase.

PARTLY FINISHED VEHICLES (a)

Trucks and truck type vehicles (c)

Rigid-gross vehicle weight

Panel vans
and
utilities

(b)

Under
3.75 t3.75 t
and under
5.00 t5.00 t
and under
6.25 t6.25 t
and under
7.25 t7.25 t
and under
9.00 t9.00 t
and under
10.50 t10.50 t
and under
12.00 t

Period

(582.31,32)

(582.33,34)

(582.35)

(582.36)

(582.37)

(582.38)

(582.39)

(582.40)

- Number -

1975-76	1,588	6,917	910	906	1,116	1,134	2,118	2,155
1976-77	1,536	7,915	1,190	884	1,292	830	1,503	2,011
1977-78	1,134	8,125	759	660	868	877	1,125	1,299
1977 -								
July	109	786	77	104	80	84	90	92
August	117	759	56	100	61	143	103	98
September	149	682	67	87	106	80	95	54
October	40	366	61	62	47	20	28	59
November	133	811	64	49	88	96	59	106
December	97	645	51	12	75	63	104	72
1978 -								
January	27	218	58	n.p.	31	19	36	62
February	87	697	58	n.p.	70	112	n.p.	132
March	123	572	53	45	86	78	n.p.	169
April	40	735	82	28	80	35	112	124
May	98	888	65	55	105	80	109	152
June	114	966	67	73	39	67	66	179
July	114	991	100	56	63	65	120	130
August	n.p.	n.p.	n.p.	37	n.p.	98	n.p.	141
1977-78 : July to Aug.	226	1,545	133	204	141	227	193	190
1978-79 : July to Aug.	n.p.	n.p.	n.p.	93	n.p.	163	n.p.	271

PARTLY FINISHED VEHICLES (a) - continued

Trucks and truck type vehicles (c) - continued

Rigid-gross vehicle weight - continued

12.00 t
and under
13.75 t13.75 t
and under
18.25 t18.25 t
and over
(582.43)

Total

Articulated
- gross
combination
weight
(582.44-46)Total partly
finished
trucks and
truck type
vehiclesTotal partly
finished
vehicles -
all types

Period

(582.41)

(582.42)

(582.43)

- Number -

1975-76	2,395	1,354	994	19,999	2,040	22,039	23,627
1976-77	1,856	1,286	1,344	20,111	2,598	22,709	24,245
1977-78	1,286	893	1,115	17,007	2,556	19,563	20,697
1977 -							
July	138	125	111	1,687	254	1,941	2,050
August	137	130	117	1,704	242	1,946	2,063
September	92	100	127	1,480	234	1,714	1,863
October	42	58	79	822	155	977	1,017
November	101	120	135	1,629	236	1,865	1,998
December	54	51	74	1,201	151	1,352	1,449
1978 -							
January	33	15	n.p.	502	57	559	586
February	99	27	n.p.	1,500	181	1,681	1,768
March	119	44	98	1,423	240	1,663	1,796
April	129	65	84	1,474	238	1,712	1,752
May	185	75	86	1,800	278	2,078	2,156
June	167	83	78	1,785	290	2,075	2,149
July	163	96	90	1,874	297	2,171	2,255
August	181	46	82	1,767	365	2,132	2,167
1977-78 : July to Aug.	275	255	228	3,391	496	3,887	4,113
1978-79 : July to Aug.	344	142	172	3,641	662	4,303	4,452

(a) Represents the production of vehicles to which some additional body work (except painting) is to be done by specialist body building establishments. (b) Up to and including 2,900mm wheelbase. (c) Vehicles over 2,900mm wheelbase.

FINISHED AND PARTLY FINISHED MOTOR VEHICLES

Period	Cars and station wagons		Utilities and panel vans		Trucks and truck type		Total finished and partly finished vehicles (a)	
	Original	Seas. adj. (b)	Original	Seas. adj. (b)	Original	Seas. adj. (b)	Original	Seas. adj. (b)
	- Number -							
1975-76	368,339	..	55,036	..	30,988	..	456,164	..
1976-77	367,272	..	50,933	..	33,403	..	452,592	..
1977-78	315,392	..	40,291	..	28,678	..	385,005	..
1977 -								
July	27,306	27,152	4,061	3,770	2,860	2,670	34,245	34,120
August	29,387	26,895	4,053	3,645	2,913	2,404	36,391	32,706
September	28,764	24,229	3,544	2,986	2,576	2,129	34,927	29,480
October	13,744	12,453	2,343	2,296	1,382	1,314	17,515	15,710
November	33,166	28,892	4,504	3,940	2,772	2,635	40,491	35,738
December	23,874	27,720	3,509	4,065	1,991	2,294	29,391	34,596
1978 -								
January	10,892	33,879	1,299	4,006	943	2,449	13,142	38,191
February	28,540	29,352	3,656	3,770	2,453	2,538	34,683	35,888
March	31,090	29,755	3,580	3,455	2,472	2,469	37,242	35,913
April	27,450	28,676	3,065	2,937	2,404	2,446	33,040	34,693
May	32,522	27,375	3,508	3,071	2,966	2,641	39,094	32,492
June	28,657	26,714	3,169	2,952	2,946	2,766	34,844	32,468
July	31,845	31,322	3,231	2,992	2,966	2,768	38,093	37,389
August	25,093	22,211	2,778	2,499	3,039	2,548	31,023	27,198
1977-78 : July to Aug.	56,693	..	8,114	..	5,773	..	70,636	..
1978-79 : July to Aug.	56,938	..	6,009	..	6,005	..	69,116	..

INTERNAL COMBUSTION ENGINES, SPARK PLUGS AND SHOCK ABSORBERS

Period	Internal combustion engines (c)					
	2 stroke (502,22,26)		4 stroke (502,32,36)		Total	
	Number	Number	Original	Seasonally adjusted (b)	Spark plugs (689,01)	Shock absorbers (589,51)
1975-76	343,890	14,900	358,790	..	25,593	2,306
1976-77	275,942	15,654	291,596	..	24,141	2,368
1977-78	238,700	11,293	249,993	..	22,938	2,284
1977 -						
July	n.p.	n.p.	33,661	26,780	6,469	n.p.
August	n.p.	n.p.	39,604	34,083		
September	n.p.	n.p.	24,103	16,497		
October	n.p.	n.p.	27,298	16,523	5,556	n.p.
November	n.p.	n.p.	40,163	26,241		
December	n.p.	n.p.	13,779	13,231		
1978 -						
January	n.p.	n.p.	6,731	10,019	5,107	n.p.
February	n.p.	n.p.	13,827	17,371		
March	n.p.	n.p.	14,686	23,819		
April	n.p.	n.p.	12,877	18,870	5,806	n.p.
May	n.p.	n.p.	9,241	18,867		
June	n.p.	n.p.	14,023	23,153		
July	n.p.	n.p.	16,778	13,172		
August	n.p.	n.p.	28,069	24,351		
1977-78 : July to Aug.	n.p.	n.p.	73,265	..		
1978-79 : July to Aug.	n.p.	n.p.	44,847	..		

(a) Includes finished omnibuses, ambulances and hearses not seasonally adjusted separately. (b) See paragraph 6 Explanatory Notes. (c) Includes those made and incorporated in manufacturer's own products. Excludes marine inboard, motor car, motor cycle, truck, tractor and aero engines but includes engines for outboard motors.

MOTOR TYRES AND TUBES (a)

Period	Tyres (motor)				Tubes (motor)			
	Motor car and motor cycle (621.01, 21)	Truck and bus (621.03, 23)	Tractor, grader and earth moving equipment (621.05, 25)	Aero (621.07, 27)	Motor car and motor cycle (622.01)	Truck and bus (622.03)	Tractor, grader and earth moving equipment (622.05)	Aero (622.07)
- '000 -								
1975-76	7,579	529	271	5.19	4,067	660	264	0.04
1976-77	7,160	479	217	2.92	3,316	570	231	-
1977-78	6,324	619	184	2.52	3,516	581	196	-
1977 -								
July	592	40.5	20.7	0.35	300	51.6	18.6	-
August	624	35.1	19.3	0.25	278	49.6	20.9	-
September	597	38.3	18.6	0.44	315	55.2	15.4	-
October	365	28.9	11.3	0.11	232	33.4	9.9	-
November	589	43.3	17.6	0.46	374	52.3	26.1	-
December	552	34.0	13.2	0.43	313	45.4	17.2	-
1978 -								
January	243	28.1	7.0	-	129	17.3	8.7	-
February	572	72.9	16.8	-	329	49.2	17.7	-
March	485	70.7	13.7	-	304	52.0	15.1	-
April	549	67.2	14.4	-	291	53.8	13.6	-
May	572	80.7	16.5	0.48	352	63.4	18.3	-
June	585	79.3	15.4	-	326	58.0	14.3	-
July	570	73.8	14.3	0.54	329	53.2	15.3	-
August	621	88.3	16.7	-	349	56.9	21.3	-
1977-78 : July to Aug.	1,216	75.6	40.0	0.60	578	101.2	39.5	-
1978-79 : July to Aug.	1,191	162.1	31.0	0.54	678	110.1	36.6	-

(a) Source : Australian Tyre Manufacturers Association.