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PRODUCTION BULLETIN NO. 7 : MOTOR VEHICLES, PARTS AND ACCESSORIES AUSTRALIA, DECEMBER 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. Furthermore, combinations of commodities are arranged 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

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MOTOR BODIES (a)

Period	Cars, station wagons, utilities (b)	Vans (c) (d)		Passenger buses (d) (583.83)	Trucks and truck type vehicles (b) (c)				Other motor bodies (g) (583.96)
	panel vans (b) (f)	Insulated (583.54,55)	Other (583.58)		Trays (583.71)	Tipper (583.73)	Transit concrete mixers (583.79)	Other (c) (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	3,215	737	1,373	959	12,889	2,713	380	812	835
1976 -									
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	48	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	197	346	221	3,401	695	102	140	218
December	753	170	315	247	2,822	673	81	218	147
1978 -									
March	773	129	325	208	2,740	573	64	281	163
June	887	241	387	283	3,926	772	133	173	307
September	1,021	261	396	220	3,317	751	113	198	167
December	979	417	472	223	2,939	696	106	175	162
1977-78 : July to Dec.	1,555	367	661	468	6,223	1,368	183	358	365
1978-79 : July to Dec.	2,000	678	868	443	6,256	1,447	219	373	329

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	1,287	
1977-78	1,825	182	600	121	357	9,387	18,635	944	1,214	
1976 —										
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	55	146	30	115	2,547	4,766	206	340	
December	383	51	153	23	78	2,372	5,928	121	331	
1978 —										
March	432	29	131	23	77	2,160	4,394	292	330	
June	480	47	170	45	87	2,308	3,541	325	213	
September	518	47	154	33	102	2,573	4,795	500	276	
December	431	53	162	26	89	2,333	5,341	675	244	
1977-78 : July to Dec.	913	106	299	53	193	4,919	10,654	327	671	
1978-79 : July to Dec.	949	100	316	59	191	4,906	10,136	1,175	620	

(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

Trailers - continued Four wheel							
Period	Agricultural and farm (584.41)	Commercial (highway) use (1 tonne and over, load capacity) (584.43)	Other (584.49)	Camper trailer: (584.10)	Lift-on freight containers (a) (589.71,73)	Stock crates	
						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	2,997	5,163	1,033	132	179
1977-78	1,219	1,341	1,964	3,572	335	115	222
1976 -							
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	300	313	445	1,133	79	38	47
December	317	358	570	922	39	18	43
1978 -							
March	240	295	506	706	56	22	52
June	362	375	443	811	161	37	80
September	271	359	645	592	104	31	49
December	256	316	609	624	205	26	38
1977-78 : July to Dec.	617	671	1,015	2,055	132	56	90
1978-79 : July to Dec.	527	675	1,254	1,216	309	57	87

CARA VANS (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	9,145	4,508	3,472	3,430	1,798	22,353
1976 -						
February	861	893	408	695	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	2,719	1,341	956	1,187	731	6,934
December	3,101	1,410	1,004	884	434	6,833
1978 -						
March	1,668	857	613	574	297	4,009
June	1,657	900	899	785	336	4,577
September	1,533	1,805	1,176	626	324	5,464
December	1,700	1,797	1,081	590	220	5,388
1977-78 : July to Dec.	5,820	2,751	1,960	2,071	1,165	13,767
1978-79 : July to Dec.	3,233	3,602	2,257	1,216	544	10,652

(a) Box-type containers of the type used for road-rail (sea) transportation of goods. Insulated (incl. refrigerated) freight containers are included. (b) Wheeled or with provision for fitting wheels. Complete or substantially complete.

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 -								
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
September	3,034	11,980	4,705	6,606	26,325	2,974	2,215	5,189
October	3,733	12,897	3,614	7,746	27,990	3,415	3,288	6,703
November	n.p.	12,006	n.p.	8,666	29,452	3,961	3,018	6,979
December	n.p.	9,849	n.p.	6,764	22,687	3,641	1,434	5,075
1977-78 : July to Dec.	16,652	51,698	22,361	40,563	131,274	13,535	11,432	24,967
1978-79 : July to Dec.	n.p.	69,573	n.p.	40,996	153,359	20,095	13,884	33,979

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 hearse (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	9,114	606	364,269
1977 -					
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	115	31,282
May	2,015	1,395	887	81	36,900
June	1,682	1,373	871	57	32,640
July	1,831	1,286	764	41	35,767
August	1,509	1,234	873	99	28,808
September	1,808	1,134	797	63	35,316
October	1,655	1,177	880	65	38,460
November	1,717	1,042	763	77	40,030
December	1,276	867	529	38	30,472
1977-78 : July to Dec.	10,768	10,601	4,699	211	182,520
1978-79 : July to Dec.	9,796	6,740	4,676	373	208,853

(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)

Period	Panel vans and utilities (b) (582.31,32)	Trucks and truck type vehicles (c)						
		Rigid-gross vehicle weight						
		Under 3.75 t (582.33,34)	3.75 t and under 5.00 t (582.35)	5.00 t and under 6.25 t (582.36)	6.25 t and under 7.25 t (582.37)	7.25 t and under 9.00 t (582.38)	9.00 t and under 10.50 t (582.39)	10.50 t and under 12.00 t (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 -								
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
September	n.p.	n.p.	n.p.	n.p.	n.p.	59	n.p.	60
October	n.p.	n.p.	n.p.	n.p.	97	71	n.p.	136
November	n.p.	n.p.	182	n.p.	n.p.	52	n.p.	n.p.
December	n.p.	n.p.	108	29	n.p.	34	n.p.	n.p.
1977-78 : July to Dec.	645	4,049	376	414	457	486	479	481
1978-79 : July to Dec.	n.p.	n.p.	637	296	444	379	n.p.	655

PARTLY FINISHED VEHICLES (a) - continued

PARTLY FINISHED VEHICLES (c) - continued							
Trucks and truck type vehicles (c) - continued							
Period	Rigid-gross vehicle weight - continued			Total	Articulated - gross combination weight (582.44-46)	Total partly finished trucks and truck type vehicles	Total partly finished vehicles - all types
	12.00 t and under 13.75 t (582.41)	13.75 t and under 18.25 t (582.42)	18.25 t and over (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 -							
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	1,786
April	129	65	84	1,474	238	1,712	1,752
May	185	75	86	1,800	278	2,078	2,176
June	167	83	78	1,785	290	2,075	2,189
July	163	96	90	1,874	297	2,171	2,285
August	181	46	82	1,767	365	2,132	2,167
September	n.p.	51	67	1,623	306	1,929	2,008
October	n.p.	77	85	1,944	357	2,301	2,377
November	n.p.	72	105	1,725	316	2,041	2,078
December	104	16	56	1,259	232	1,491	1,526
1977-78 : July to Dec.	554	584	643	8,523	1,272	9,795	10,440
1978-79 : July to Dec.	822	358	485	10,192	1,873	12,065	12,441

(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	..	28,677	..	384,966	..
1977 —								
November	33,166	29,087	4,504	3,942	2,772	2,650	40,491	35,865
December	23,874	27,806	3,509	3,985	1,991	2,312	29,391	34,508
1978 —								
January	10,892	33,008	1,299	3,886	943	2,478	13,142	38,458
February	28,540	28,820	3,656	3,698	2,453	2,498	34,683	35,257
March	31,090	29,198	3,580	3,420	2,472	2,467	37,242	35,333
April	27,450	28,359	3,065	3,072	2,404	2,465	33,034	34,364
May	32,522	27,217	3,508	3,067	2,965	2,612	39,076	32,553
June	28,657	26,886	3,169	2,943	2,946	2,724	34,829	32,631
July	31,845	31,422	3,231	2,963	2,935	2,690	38,052	37,501
August	25,093	22,842	2,778	2,561	3,005	2,487	30,975	27,584
September	31,514	28,720	3,021	2,606	2,726	2,328	37,324	33,832
October	34,693	30,033	2,908	2,791	3,181	3,057	40,837	35,546
November	36,431	31,137	2,796	2,436	2,804	2,609	42,108	36,346
December	27,762	33,982	2,178	2,463	2,020	2,448	31,998	39,616
1977-78 : July to Dec.	156,241	..	22,014	..	14,494	..	192,960	..
1978-79 : July to Dec.	187,338	..	16,912	..	16,671	..	221,294	..

INTERNAL COMBUSTION ENGINES, SPARK PLUGS AND SHOCK ABSORBERS

Internal combustion engines (c)						
Period	2 stroke (502.22,26)	4 stroke (502.32,36)	Total		Spark plugs (689.01)	Shock absorbers (589.51)
			Original	Seasonally adjusted (b)		
	Number	Number	Number	Number	'000	'000
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	..	22,936	2,284
1977 -						
November	n.p.	n.p.	40,163	26,512	5,556	n.p.
December	n.p.	n.p.	13,779	13,930		
1978 -						
January	n.p.	n.p.	6,731	9,397		
February	n.p.	n.p.	13,827	17,380	5,107	n.p.
March	n.p.	n.p.	14,686	21,716		
April	n.p.	n.p.	12,877	19,194		
May	n.p.	n.p.	9,241	18,957	5,806	n.p.
June	n.p.	n.p.	14,023	21,002		
July	n.p.	n.p.	16,778	15,560		
August	n.p.	n.p.	28,069	21,788	n.p.	n.p.
September	n.p.	n.p.	26,665	18,402		
October	n.p.	n.p.	34,976	21,044		
November	n.p.	n.p.	31,189	20,570		
December	n.p.	n.p.	15,447	15,575	n.p.	n.p.
1977-78 : July to Dec.	n.p.	n.p.	178,608	..	12,025	n.p.
1978-79 : July to Dec.	n.p.	n.p.	153,124	..	11,174	n.p.

(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 -								
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	-
September	594	81.6	13.7	-	310	47.5	14.4	-
October	578	86.3	15.3	-	326	53.4	19.0	-
November	546	72.8	12.4	0.52	255	43.6	17.6	-
December	368	65.4	12.7	0.54	223	38.1	14.9	-
1977-78 : July to Dec.	3,318	220	100.6	2.03	1,812	287	108	-
1978-79 : July to Dec.	3,277	468	85.1	1.60	1,793	293	103	-

(a) Source : Australian Tyre Manufacturers Association.