

**PRODUCTION OF TRANSPORT EQUIPMENT, AUSTRALIA
AUGUST 1990**

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TABLE 1. ASSEMBLED, COMPLETE MOTOR VEHICLES(a)
(number)

Period	Cars and station wagons					Other passenger vehicles		Vehicles for transportation of goods and materials(b)(c)		
	Cars (781.20)	Station wagons (781.29)	Total		Trend(e)	781.28, (781.12)	783.12	Original (782.17, 783.20)	Seas. adj.(d)	Trend(e)
			Original	Seas. adj.(d)						
1987-88	253,768	61,107	314,875	..	..	681	22,717	..	..	..
1988-89	269,392	63,778	333,170	..	..	687	30,655	..	..	..
1989-90	319,456	64,586	384,042	..	..	687	26,989	..	..	..
<i>1989—</i>										
June	28,288	6,656	34,944	32,100	30,269	70	2,679	2,450	2,278	
July	27,599	5,048	32,647	29,883	30,690	49	2,226	2,122	2,315	
August	29,254	7,049	36,303	30,074	30,834	65	2,702	2,341	2,356	
September	28,847	6,618	35,465	32,553	30,974	57	2,604	2,453	2,407	
October	28,577	6,509	35,086	31,499	31,337	64	2,686	2,481	2,456	
November	29,812	6,332	36,144	30,700	32,066	53	2,767	2,539	2,484	
December	20,398	3,789	24,187	28,643	33,006	58	1,844	2,256	2,470	
<i>1990—</i>										
January	10,344	2,321	12,665	39,612	33,894	33	1,132	2,809	2,415	
February	27,521	5,104	32,625	34,073	34,476	62	2,162	2,139	2,333	
March	30,502	6,186	36,688	34,671	34,564	63	2,516	2,182	2,235	
April	25,129	4,524	29,653	33,400	34,084	49	1,835	2,077	2,125	
May	33,393	5,928	39,321	33,358	33,211	70	2,503	2,104	2,008	
June	28,080	5,178	33,258	32,153	32,308	64	2,012	1,931	1,889	
July	31,558	5,003	36,561	32,469	n.y.a.	41	1,905	1,812	n.y.a.	
August	29,353	5,434	34,787	29,407	n.y.a.	37	1,757	1,480	n.y.a.	
1989-90: July to Aug.	56,853	12,097	68,950	..	..	114	4,928	..	..	..
1990-91: July to Aug.	60,911	10,437	71,348	..	..	78	3,662	..	..	..

(a) Excludes conversions of existing vehicles. (b) Includes utilities, panel vans, prime movers for semi-trailers and units consisting of chassis, engine and cab produced for sale and transfer out as such. (c) Excludes off-highway trucks (e.g. dump wagons), materials handling trucks (e.g. forklift trucks) and semi-trailers. (d) See paragraph 5, Explanatory Notes. (e) See paragraph 6 to 9, Explanatory Notes.

TABLE 2. MOTOR BODIES(a)
(number)

Period	For vans			For trucks			For passenger vehicles, for 10 persons or more (784.41)
	Refrigerated (784.22)	Insulated (chiller) (784.23)	Other(b) (784.24)	Trays (784.26)	Tipper (784.27)	Concrete mixers (784.43)	
1987-88	118	220	1,782	11,188	1,576	508	658
1988-89	113	234	2,596	17,406	1,792	695	711
1989-90	97	109	2,314	18,625	1,959	778	495
1987—							
June qtr	25	51	470	2,432	429	162	209
September qtr	24	49	448	2,582	422	109	151
December qtr	51	52	479	2,678	443	122	161
1988—							
March qtr	15	65	304	2,720	300	136	145
June qtr	28	54	551	3,208	411	141	201
September qtr	16	56	632	3,974	416	165	202
December qtr	31	55	707	3,818	473	165	189
1989—							
March qtr	34	60	523	4,456	379	173	145
June qtr	32	63	734	5,158	524	192	175
September qtr	30	26	591	4,798	505	198	167
December qtr	32	22	699	4,419	533	214	136
1990—							
March qtr	19	24	478	4,699	436	187	87
June qtr	26	29	546	4,709	485	179	105

(a) Built up for sale or transfer out as such. Excludes bodies produced by motor vehicle manufacturers for use in their own plant, body panels, cabs, conversions or any work done on old vehicles. (b) Including dry freight.

TABLE 3. SEMI-TRAILERS AND TWO WHEEL TRAILERS
(number)

Period	Semi-trailers					Trailers—two wheel(a)		
	Flat top (786.26)	Curtain-sided (786.46)	Tanker (786.22)	Tipper (786.27)	Low loader or insulated (786.28)	Van		Box type (under 1 tonne load capacity) (786.23)
						Refrigerated (786.42,43)	Other(b) (786.44)	
1987-88	1,420	145	406	176	298	262	9,647	6,522
1988-89	1,394	378	159	463	185	n.p.	309	12,417
1989-90	1,431	614	173	527	166	328	285	14,500
1987—								
June qtr	438	Not available	35	118	35	85	53	2,626
September qtr	358	prior to September qtr 1988	38	109	37	81	42	2,398
December qtr	348		42	101	66	76	55	2,435
1988—								
March qtr	350		21	77	41	62	66	2,221
June qtr	364		44	119	32	79	99	2,593
September qtr	350	83	37	125	38	69	82	2,687
December qtr	356	85	46	130	41	71	73	3,212
1989—								
March qtr	336	83	27	92	37	54	74	3,272
June qtr	352	127	49	116	69	n.p.	80	3,246
September qtr	496	183	46	120	59	64	83	3,759
December qtr	376	176	47	194	44	123	69	5,002
1990—								
March qtr	276	95	38	106	27	64	63	3,097
June qtr	283	160	42	107	36	77	70	2,642

(a) Including complete trailer kits. (b) Including dry freight.

TABLE 4. CARAVANS AND CAMPER TRAILERS, PRIVATE OR DOMESTIC TYPE
(number)

Period	Caravans, private or domestic type					Total	Campers trailers of private or domestic type (786.17)
	4.6 m and under (786.11)	Over 4.6 m up to and including 5.2 m (786.12)	Over 5.2 m up to and including 6.1 m (786.13)	Over 6.1 m up to and including 7.6 m (786.14)	Over 7.6 m up to and including 9.8 m (786.15)	Over 9.8 m (786.16)	
1987-88	2,351	1,779	846	782	155	69	5,982
1988-89	2,212	1,631	790	750	n.p.	n.p.	5,640
1989-90	1,121	725	517	354	n.p.	n.p.	2,815
1987—							
June qtr	562	666	290	151	77	26	1,772
September qtr	643	491	206	223	53	38	1,654
December qtr	589	481	245	178	40	15	1,548
1988—							
March qtr	489	334	185	189	n.p.	n.p.	1,220
June qtr	630	473	210	192	n.p.	n.p.	1,560
September qtr	618	544	202	221	n.p.	n.p.	1,713
December qtr	663	414	214	183	n.p.	n.p.	1,535
1989—							
March qtr	352	294	162	162	25	6	1,001
June qtr	579	379	212	184	n.p.	n.p.	1,391
September qtr	513	329	183	148	n.p.	n.p.	1,210
December qtr	208	151	107	88	n.p.	n.p.	586
1990—							
March qtr	154	99	110	56	n.p.	n.p.	432
June qtr	246	146	117	62	n.p.	n.p.	587

EXPLANATORY NOTES

Introduction

This publication is one of a series of nine containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 10.

Classification

2. Data contained in these publications are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Most items are identified by the commodity codes used in Australian Standard Commodity Classification (ASCC), which was developed by the ABS to facilitate greater comparability of manufacturing production commodity statistics with import and export commodity statistics. ASCC items were introduced into the monthly production collections (catalogues 8301.0, 8357.0 to 8363.0, 8367.0 and 8368.0) from July 1989. The last available data relating to super-seeded commodity items are published in the June 1989 issues.

Scope and coverage

3. Manufacturing commodity statistics collected by the ABS exclude details relating to single establishment manufacturing enterprises with fewer than four persons employed 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.

4. 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 and trend estimates

5. This publication contains seasonally adjusted statistics. In the seasonal adjustment, account has been taken not only of normal seasonal factors but also, where appropriate, of 'working-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. However, care should be exercised in interpreting the figures for those months in which Christmas/New Year and Easter holidays fall as some manufacturers vary holiday shutdowns in the light of prevailing demand for their products. Details of the methods used in seasonally adjusting these and other series are available on request.

6. The smoothing of seasonally adjusted series to create trend estimates is a means of reducing the impact of the irregular component of the series. The trend estimates have been derived by applying a 13-term Henderson weighted moving average to the seasonally adjusted series.

7. While this smoothing technique enables estimates of trend to be produced for the latest month, it does result in revisions to the estimates for the most recent months as data for subsequent months become available. Generally subsequent revisions become smaller and after 3 months have little impact on the series. There will also be revisions as a result of revisions to the original estimates and annual reviews of seasonal and 'working day' factors.

8. Because of the highly irregular nature of some production series it is not possible to discern with reasonable confidence the current direction of the trend at the end of these series. For such highly irregular series the ABS does not provide the last two trend estimates.

9. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0) and *Time Series Decomposition — An Overview* (1317.0) for more detailed information on smoothing of seasonally adjusted time series data.

Related publications

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

Production Statistics, Australia, Preliminary (8301.0)—issued monthly

Production of Household Appliances and Electrical Equipment Australia (8357.0)—issued monthly

Production of Clothing and Footwear, Australia (8358.0)—issued monthly

Production of Food, Drink, Tobacco and Stock and Poultry Food, Australia (8359.0)—issued monthly

Production of Fibres, Yarns, Fabrics, Bedding and Floor Coverings, Australia (8360.0)—issued monthly

Production of Building Materials and Fittings, Australia (8361.0)—issued monthly

Production of Paper, Plastics, Paints, Industrial Chemicals and Detergents, Australia (8362.0)—issued monthly

Production of Metal Products, Australia (8367.0)—issued monthly

Production of Energy Products, Australia (8368.0)—issued monthly

Manufacturing Commodities : Selected Principal Articles Produced, Australia, 1986-87 (8365.0) (Preliminary)

Manufacturing Commodities : Principal Articles Produced, Australia, 1986-87 (8303.0)

11. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Symbols and other usages

- n.y.a. not yet available
- n.p. not available for separate publication (but included in totals where applicable)
- .. not applicable
- r revised since previous issue

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