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PRODUCTION OF TRANSPORT EQUIPMENT, AUSTRALIA MAY 1990

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

Period	Cars and station wagons					Other passenger vehicles (781.28, 783.12)	Vehicles for transportation of goods and materials(b)(c)		
	Cars (781.20)	Station wagons (781.29)	Total		Original		Seas. adj. (d)	Trend(e)	
			Original	Seas. adj. (d)					
1986-87	249,428	52,629	302,057	..	..	720	20,549	..	..
1987-88	253,768	61,107	314,875	..	..	681	22,717	..	..
1988-89	269,392	63,778	333,170	..	..	687	30,655	..	..
1989—									
March	21,210	5,404	26,614	26,002	27,897	58	2,420	2,135	2,340
April	21,722	5,594	27,316	29,037	28,558	52	2,227	2,404	2,252
May	26,621	6,395	33,016	29,173	29,391	60	2,612	2,217	2,224
June	28,288	6,656	34,944	32,476	30,237	70	2,679	2,435	2,255
July	27,599	5,048	32,647	29,373	30,651	49	2,226	2,049	2,301
August	29,254	7,049	36,303	29,921	30,803	65	2,702	2,328	2,359
September	28,847	6,618	35,465	33,068	30,987	57	2,604	2,499	2,429
October	28,577	6,509	35,086	31,522	31,464	64	2,686	2,491	2,520
November	29,812	6,332	36,144	30,328	32,324	53	2,767	2,637	2,520
December	20,398	3,789	24,187	28,715	33,302	58	1,844	2,223	2,491
1990—									
January	10,344	2,321	12,665	41,519	34,098	33	1,132	2,842	2,411
February	27,521	5,104	32,625	34,014	34,553	62	2,162	2,096	2,311
March	30,502	6,186	36,688	34,381	34,589	63	2,516	2,182	2,211
April	25,129	4,524	29,653	33,138	n.y.a.	49	1,835	2,069	n.y.a.
May	33,393	5,928	39,321	33,702	n.y.a.	70	2,503	2,106	n.y.a.
1988-89 : July to May.	241,104	57,122	298,226	..	..	617	27,976	..	..
1989-90 : July to May.	291,376	59,408	350,784	..	..	623	24,977	..	..

(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 paragraphs 6 to 9, Explanatory Notes.

TABLE 2. MOTOR BODIES(a)
(number)

Period	For vans			For trucks		Concrete mixers (784.43)	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)		
1986-87	151	209	1,944	10,951	1,794	487	796
1987-88	118	220	1,782	11,188	1,576	508	658
1988-89	r113	234	2,596	17,552	1,784	695	711
1987—							
March qtr	32	54	325	2,449	338	109	183
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	r16	56	652	3,974	416	165	202
December qtr	r31	55	707	3,818	473	165	189
1989—	r						
March qtr	34	60	523	4,530	379	173	145
June qtr	32	63	734	5,230	524	192	175
September qtr	30	26	591	4,811	505	198	167
December qtr	22	30	699	4,456	533	214	136
1990—							
March qtr	r19	r24	r478	4,827	436	187	87
1988-89 : July to Mar.	r81	171	1,862	12,322	1,268	503	536
1989-90 : July to Mar.	r71	r80	r1,768	14,094	1,474	599	390

(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)	Refrigerated or insulated (786.42,43)	Van	
							Other(b) (786.44)	Box type (under 1 tonne load capacity) (786.23)
1986-87	1,498		183	409	156	300	266	11,510
1987-88	1,420		145	406	176	298	262	9,647
1988-89	1,394		159	458	r185	n.p.	r309	12,179
1987—		Not available						
March qtr	342	24	77	30	65	37	2,349	1,594
June qtr	438	35	118	35	85	53	2,626	1,402
September qtr	358	38	109	37	81	42	2,398	1,622
December qtr	348	42	101	66	76	55	2,435	2,184
1988—								
March qtr	350	21	77	41	62	66	2,221	r1,444
June qtr	364	44	119	32	79	99	2,593	1,272
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	r64	83	r3,759
December qtr	376	176	47	187	44	123	69	r5,002
1990—								
March qtr	r276	r95	38	105	27	r73	r63	r3,097
1988-89 : July to Mar.	1,042	251	110	347	116	194	229	9,171
1989-90 : July to Mar.	1,148	454	131	412	130	r260	r215	r11,858

(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	Camper trailers of private or domestic type
	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)		
1986-87	2,207	1,897	1,285	913	330	77	6,709	1,903
1987-88	2,351	1,779	846	782	155	69	5,982	1,816
1988-89	2,212	1,631	790	750	n.p.	n.p.	5,640	n.p.
1987—								
March qtr	500	332	248	228	66	15	1,389	392
June qtr	562	666	290	151	77	26	1,372	394
September qtr	643	491	206	223	53	38	1,654	584
December qtr	589	481	245	178	40	15	1,548	418
1988—								
March qtr	489	334	185	189	n.p.	n.p.	1,220	439
June qtr	630	473	210	192	n.p.	n.p.	1,560	375
September qtr	618	544	202	221	n.p.	n.p.	1,713	n.p.
December qtr	663	414	214	183	n.p.	n.p.	1,535	n.p.
1989—								
March qtr	352	294	162	162	25	6	1,001	n.p.
June qtr	579	379	212	184	n.p.	n.p.	1,391	n.p.
September qtr	513	329	183	148	n.p.	n.p.	1,210	250
December qtr	208	151	107	88	n.p.	n.p.	586	215
1990—								
March qtr	r189	r242	r110	r56	n.p.	n.p.	650	267
1988-89 : July to Mar.	1,633	1,252	578	566	n.p.	n.p.	4,249	n.p.
1989-90 : July to Mar.	r910	r722	r400	r292	n.p.	n.p.	2,446	732

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 Manufacturing Production Commodity Classification (AMPPCC), which was developed by the ABS to facilitate greater comparability of manufacturing production commodity statistics with import and export commodity statistics. AMPPCC 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 superseded 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 of several items. 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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