

**PRODUCTION OF TRANSPORT EQUIPMENT, AUSTRALIA
SEPTEMBER QUARTER 1989**

*(Previously: Production of Motor Vehicles, Motor Bodies
and Trailed Vehicles, Australia)*

PHONE INQUIRIES

- *about these statistics and the availability of related unpublished statistics*—contact Tony Hunt on Canberra (062) 52 5558 or any ABS State office.
- *about other statistics and ABS services*—contact Information Services on Canberra (062) 52 5402, 52 6007, 52 6627 or any ABS State office.

MAIL INQUIRIES

- *write to Information Services, ABS, PO Box 10, Belconnen, A.C.T. 2616 or any ABS State office.*

ELECTRONIC**SERVICES**

- on VIATEL — key *656#.
- on AUSSTATS — phone (062) 52 6017.
- on TELESTATS — phone (062) 52 5404 Foreign Trade statistics inquiries, (062) 52 5405 Main Economic Indicator inquiries.

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 (AMPCC), which was developed by the ABS to facilitate greater comparability of manufacturing production commodity statistics with import and export commodity statistics. AMPCC 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 The last available data relating to superseded commodity items are published in the June 1989 issues. In cases where data are derived from sources other than ABS collections no commodity code is shown and the source of the data is acknowledged in a footnote.

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 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. The seasonally adjusted figures have been revised following annual reanalysis.

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

Electronic services

VIATEL. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through PAXUS COMNET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides:

- foreign trade statistics tailored to users' requirements. Further information is available on (062) 52 5404.
- text and tables for selected Main Economic Indicator publications. Further information is available on (062) 52 5405.

Floppy disk service

Selected ABS statistics are available on floppy disk. Further information is available on (062) 52 6684.

IAN CASTLES
Australian Statistician

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 (782.17, 783.20)	Seas. adj.(d)	Trend(e)
			Original	Seas. adj.(d)	Trend(e)				
1986-87	249,428	52,629	302,057	..	..	720	20,462	..	..
1987-88	253,768	61,107	314,875	..	..	681	22,860	..	..
1988-89	265,406	63,778	329,184	..	..	687	30,657	..	..
1988—									
July	21,404	4,578	25,982	23,429	25,893	61	2,836	2,602	2,596
August	26,191	5,177	31,368	26,618	26,245	65	2,985	2,587	2,675
September	25,694	5,082	30,776	27,264	26,866	52	2,944	2,699	2,775
October	24,074	6,001	30,075	27,957	27,438	52	2,848	2,716	2,842
November	27,604	6,481	34,085	29,138	27,739	71	3,135	3,101	2,845
December	18,880	4,938	23,818	26,931	27,704	70	2,612	3,087	2,768
1989—									
January	6,235	1,713	7,948	26,629	27,556	21	939	2,463	2,632
February	21,469	5,759	27,228	28,452	27,529	55	2,420	2,343	2,478
March	21,210	5,404	26,514	26,002	27,678	58	2,420	2,135	2,340
April	21,722	5,594	27,316	29,037	27,913	52	2,227	2,404	2,260
May	24,941	6,395	31,336	27,689	28,156	60	2,612	2,217	2,247
June	25,982	6,656	32,638	30,333	28,305	70	2,679	2,435	2,270
July	25,069	5,048	30,117	27,097	28,406	49	2,226	2,049	2,295
August	25,664	7,049	32,713	26,962	28,504	65	2,702	2,328	2,322
September	25,305	6,618	31,923	29,765	28,712	57	2,604	2,499	2,357
1988-89 : July to Sep.	73,289	14,837	88,126	..	..	178	8,765	..	..
1989-90 : July to Sep.	76,038	18,715	94,753	..	..	171	7,532	..	..

(a) Excludes conversions of existing vehicles. (b) Includes utilities, panel vans, prime movers for semi-trailers and units consisting of chassis, engine and cabs 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		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	r209	r1,944	10,951	r1,794	487	796
1987-88	118	220	r1,782	11,188	1,576	508	658
1988-89	148	r233	r2,596	r17,552	1,784	695	711
1986—							
September qtr	42	43	658	r3,387	r512	120	203
December qtr	52	r61	r491	r2,683	515	96	201
1987—							
March qtr	32	54	325	r2,449	338	r109	183
June qtr	25	51	470	r2,432	429	r162	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	r304	2,720	300	136	145
June qtr	28	54	551	3,208	411	141	201
September qtr	25	56	632	3,974	416	165	202
December qtr	41	r54	707	3,818	473	165	189
1989—							
March qtr	41	60	523	4,530	379	173	145
June qtr	41	r63	r734	r5,230	r516	192	175
September qtr	30	26	591	4,809	501	198	167

(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, TWO WHEEL TRAILERS AND CAMPER TRAILERS
(number)

Period	Semi-trailers					Trailers—two wheel(a)			Camper trailers of private or domestic type (786.17)
	Flat top (786.26)	Tanker (786.22)	Tipper (786.27)	Low loader or insulated (786.28) (786.42,43)	Van	Box type (under 1 tonne load capacity) (786.23)	Boat type (786.24)		
					Refrigerated (786.44)				
1986-87	1,498	183	409	156	300	266	11,510	6,885	1,903
1987-88	1,420	145	406	176	298	262	9,647	6,529	1,816
1988-89	1,403	159	458	184	n.p.	314	12,179	7,630	n.p.
1986—									
June qtr	393	61	131	50	100	57	2,230	1,140	641
September qtr	377	68	82	45	76	118	3,315	1,648	612
December qtr	341	56	132	46	74	58	3,220	2,241	505
1987—									
March qtr	342	24	77	30	65	37	2,349	1,594	392
June qtr	438	35	118	35	85	53	2,626	1,402	394
September qtr	358	38	109	37	81	42	2,398	1,622	584
December qtr	348	42	101	66	76	55	2,435	2,184	418
1988—									
March qtr	350	21	77	41	62	66	2,221	1,451	439
June qtr	364	44	119	32	79	99	2,593	1,272	375
September qtr	350	37	125	38	69	82	2,687	1,913	n.p.
December qtr	r362	46	130	41	71	73	3,212	2,241	n.p.
1989—									
March qtr	r336	27	92	37	54	74	3,272	1,790	n.p.
June qtr	r365	49	111	68	n.p.	85	3,008	1,686	n.p.
September qtr	481	46	120	59	72	85	3,665	1,512	n.p.

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

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

Period	Over 4.6 m up to and including 4.6 m and under (786.11)	Over 5.2 m up to and including 5.2 m (786.12)	Over 6.1 m up to and including 6.1 m (786.13)	Over 7.6 m up to and including 7.6 m (786.14)	Over 9.8 m up to and including 9.8 m (786.15)	Over 9.8 m (786.16)	Total
1986-87	2,207	1,897	1,285	913	330	77	6,709
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
1986—							
June qtr	616	549	380	339	145	35	2,064
September qtr	647	529	370	233	85	17	1,881
December qtr	498	370	377	301	102	19	1,667
1987—							
March qtr	500	332	248	228	66	15	1,389
June qtr	562	666	290	151	77	26	1,372
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.	1,555
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	328	183	143	n.p.	n.p.	1,204

