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INQUIRIES

- * for further information about statistics in this publication and the availability of related unpublished statistics, contact Rod Smith on Melbourne (03) 615 7635 or any ABS office.
 - * for information about other ABS statistics and services please refer to the back page of this publication.
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TABLE 1. ASSEMBLED, COMPLETE MOTOR VEHICLES(a)
(number)

Period	Cars and station wagons					Vehicles for transportation of goods and materials(b)(c)			
	Cars (781.20)	Station wagons (781.29)	Total			Other passenger vehicles (781.28, 783.12)	Seas. adj(d)		
			Original	Seas. adj(d)	Trend (e)(f)		Original	Seas. adj(d)	Trend(f)
1989-90	321,457	64,586	386,043	..	..	687	25,958	..	..
1990-91	262,875	47,786	310,661	..	..	433	17,666	..	..
1991-92	221,561	47,273	268,834	..	..	634	14,550	..	..
1992—									
March	21,208	4,259	25,467	24,472	22,075	50	1,408	1,281	1,209
April	15,035	3,690	18,725	20,626	22,251	56	1,064	1,181	1,208
May	19,720	4,715	24,435	2,909	22,493	65	1,311	1,160	1,169
June	20,661	4,835	25,496	22,881	22,676	94	1,364	1,220	1,108
July	21,790	5,339	27,129	23,209	22,744	73	1,177	1,017	1,061
August	19,909	4,564	24,473	22,087	22,656	56	961	853	1,063
September	20,771	5,582	26,353	23,882	22,328	53	1,297	1,201	1,121
October	21,020	5,069	26,089	23,148	21,965	51	1,417	1,192	1,206
November	15,796	4,303	20,099	18,402	21,803	63	1,270	1,292	1,307
December	15,661	4,007	19,668	22,571	22,041	55	1,213	1,471	1,403
1993—									
January	8,059	2,132	10,191	29,898	22,565	20	636	1,628	1,473
February	17,931	5,228	23,159	23,704	23,149	56	1,343	1,379	1,514
March	21,243	6,354	27,597	25,876	23,612	63	1,554	1,356	1,544
April	16,544	4,472	21,016	23,465	23,878	53	1,700	1,948	n.y.a.
May	19,335	5,655	25,000	22,331	24,101	52	1,538	1,360	n.y.a.
1991-92: July to May	200,900	42,438	243,338	..	..	540	13,186	..	..
1992-93: July to May	198,059	52,715	250,774	..	..	595	14,106	..	..

(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. (f) There is a lowering of the level of the trend series from August 1990 attributable to various factory shutdowns. However these influences are not expected to affect the reliability of the seasonally adjusted series.

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)	
1989-90	116	136	2,537	19,713	2,169	779	543
1990-91	91	204	1,870	14,992	1,708	473	288
1991-92	71	160	1,417	14,458	1,449	n.p.	295
1990—							
June qtr	30	42	581	4,971	547	179	117
September qtr	26	50	542	4,422	523	170	87
December qtr	30	43	591	3,580	535	113	78
1991—							
March qtr	14	77	346	3,412	295	92	45
June qtr	21	34	391	3,578	355	98	78
September qtr	17	40	412	3,361	407	141	76
December qtr	11	47	393	3,108	357	143	62
1992—							
March qtr	21	51	280	4,134	332	126	81
June qtr	22	22	332	3,855	353	n.p.	76
September qtr	11	44	416	3,899	360	n.p.	53
December qtr	15	38	405	4,114	404	n.p.	93
1993—							
March qtr	13	25	306	3,796	327	146	72
1991-92: July to Mar.	49	138	1,085	10,603	1,096	410	219
1992-93: July to Mar.	39	107	1,127	11,809	1,091	517	218

(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 (786.28)	Van		Box type (under 1 tonne load capacity) (786.23)	Boat type (786.24)
						Refrigerated or insulated (786.42,43)	Other(b)		
1989-90	1,404	658	253	523	157	321	274	15,483	6,234
1990-91	552	395	253	290	86	156	293	11,067	5,101
1991-92	494	498	223	254	66	196	299	10,270	5,107
1990—									
June qtr	282	184	62	111	37	77	74	3,098	1,202
September qtr	167	130	75	118	44	61	83	3,417	1,253
December qtr	160	102	68	90	15	40	120	2,940	1,474
1991—									
March qtr	101	63	47	37	9	25	41	2,338	1,304
June qtr	124	100	63	45	18	30	49	2,372	1,070
September qtr	151	137	64	64	18	25	91	2,711	1,353
December qtr	117	118	71	62	26	54	83	2,865	1,582
1992—									
March qtr	90	129	39	55	n.p.	45	63	2,300	1,177
June qtr	136	114	49	73	n.p.	72	62	2,394	995
September qtr	103	126	44	47	14	48	97	2,608	1,313
December qtr	130	131	48	78	14	58	91	2,983	2,198
1993—									
March qtr	135	131	44	75	9	60	57	2,700	1,427
1991-92: July to Mar.	358	384	174	181	n.p.	124	237	7,876	4,112
1992-93: July to Mar.	368	388	136	200	37	166	245	8,291	4,938

(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 (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)		
1989-90	1,574	1,219	801	495	113	16	4,218	1,078
1990-91	1,180	1,137	693	216	86	20	3,332	857
1991-92	1,152	1,153	749	178	n.p.	n.p.	3,283	944
1990—								
June qtr	376	308	211	96	15	6	1,012	343
September qtr	325	312	224	74	n.p.	n.p.	975	272
December qtr	287	286	156	47	17	5	798	174
1991—								
March qtr	227	197	139	34	n.p.	n.p.	623	156
June qtr	341	342	174	61	14	4	936	255
September qtr	322	319	167	26	n.p.	n.p.	853	254
December qtr	290	278	186	46	n.p.	n.p.	819	241
1992—								
March qtr	166	209	198	43	6	—	622	194
June qtr	374	347	198	63	n.p.	n.p.	989	255
September qtr	355	364	166	44	n.p.	n.p.	942	268
December qtr	378	331	217	52	n.p.	n.p.	995	262
1993—								
March qtr	240	345	172	52	n.p.	n.p.	813	219
1991-92: July to Mar.	778	806	551	115	34	10	2,294	689
1992-93: July to Mar.	973	1,040	555	148	n.p.	n.p.	2,750	749

EXPLANATORY NOTES

Introduction

This publication is one of a series of ten 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.

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:

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

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

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

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

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

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

Manufacturing Production, Australia, Plastics, Rubber, Paints, Detergents and Industrial Chemicals (8362.0)—issued monthly

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

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

Manufacturing Production, Australia, Wood and Wood Products (8369.0)—issued monthly

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

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

Unpublished production data is also available from the ABS Sydney office. Please contact Colin Nicholson on (02) 268 4282.

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
—	nil or rounded to zero



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