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INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics*, contact Vaughn Moore on Melbourne (03) 615 7635 or any ABS office.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 material(b)(c)		
	Cars (781.20)	Station wagons (781.29)	Total		Trend (e)(f)	Other passenger vehicles (781.28, 783.12)	Seas. adj(d)	
			Original	Seas. adj(d)			Original (782.17, 783.20)	Trend(e)
1988-89	269,392	63,748	333,140	..	..	687	29,557	..
1989-90	321,457	64,586	386,043	..	..	687	25,958	..
1990-91	262,875	47,786	310,661	..	..	433	17,666	..
1991—								
February	20,761	4,258	25,019	25,602	..	29	1,136	1,147
March	18,629	3,500	22,129	23,171	..	45	1,159	1,094
April	18,739	3,142	21,881	23,496	..	40	1,046	1,173
May	25,808	4,433	30,241	25,293	..	49	1,592	1,271
June	20,765	3,950	24,715	23,839	..	48	1,530	1,425
July	22,219	4,442	26,661	22,894	..	51	1,512	1,381
August	22,741	4,910	27,651	24,165	..	43	1,503	1,331
September	18,601	3,702	22,303	20,561	..	58	1,358	1,279
October	21,397	4,592	25,989	22,049	..	49	1,583	1,366
November	19,377	4,493	23,870	21,868	..	49	1,003	995
December	13,292	2,709	16,001	18,903	..	37	692	853
1992—								
January	9,466	1,589	11,055	32,163	..	26	496	1,172
February	17,844	3,337	21,181	21,345	..	56	1,256	1,274
March	21,208	4,259	25,467	24,882	..	50	1,408	1,269
April	15,035	3,690	18,725	20,292	..	56	1,064	1,160
1990-91: July to Apr.	216,302	39,403	255,705	..	..	336	14,544	..
1991-92: July to Apr.	181,180	37,723	218,903	..	..	475	11,875	..

(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) The trend estimates have been temporarily suspended because various factory shutdowns have adversely affected their reliable estimation. 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		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)	Tipppers (784.27)		
1988-89	113	236	2,624	17,567	1,792	695	711
1989-90	116	136	2,537	19,730	2,135	779	543
1990-91	91	204	1,860	15,013	1,678	473	288
1989—							
June qtr	32	64	748	5,239	524	192	175
September qtr	32	29	670	5,138	540	199	186
December qtr	34	34	752	4,677	577	214	148
1990—							
March qtr	20	31	534	4,941	481	187	92
June qtr	30	42	581	4,974	537	179	117
September qtr	26	50	540	4,433	518	170	87
December qtr	30	43	590	3,588	528	113	78
1991—							
March qtr	14	77	342	3,414	286	92	45
June qtr	21	34	388	3,578	346	98	78
September qtr	17	40	406	3,361	391	141	76
December qtr	11	47	386	3,108	361	143	62
1992—							
March qtr	21	51	277	4,133	325	126	81
1990-91: July to Mar.	70	170	1,472	11,435	1,332	375	210
1991-92: July to Mar.	49	138	1,069	10,602	1,077	410	219

(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) (786.44)		
1988-89	1,421	471	159	463	160	n.p.	305	14,929	7,630
1989-90	1,404	658	174	523	157	321	274	15,483	6,234
1990-91	562	396	179	289	86	156	274	11,207	5,053
1989—									
June qtr	379	172	49	116	54	n.p.	78	3,859	1,686
September qtr	447	182	46	125	46	64	65	3,988	1,673
December qtr	376	176	47	178	46	113	68	4,928	1,923
1990—									
March qtr	299	116	38	109	28	67	67	3,469	1,436
June qtr	282	184	43	111	37	77	74	3,098	1,202
September qtr	175	130	56	118	44	61	66	3,417	1,253
December qtr	160	102	50	90	15	40	120	3,015	1,478
1991—									
March qtr	103	63	28	37	9	25	39	2,423	1,252
June qtr	124	101	45	44	18	30	49	2,352	1,070
September qtr	153	138	46	64	18	25	89	2,798	1,356
December qtr	117	121	50	67	26	54	74	2,955	1,584
1992—									
March qtr	102	129	23	55	n.p.	45	63	2,415	1,186
1990-91: July to Mar.	438	295	134	245	68	126	225	8,855	3,983
1991-92: July to Mar.	372	388	119	186	n.p.	124	226	8,168	4,126

(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						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)	
1988-89	2,323	1,889	926	789	n.p.	n.p.	6,190
1989-90	1,574	1,219	801	495	113	16	4,218
1990-91	1,180	1,137	693	216	86	20	3,332
1989—							
June qtr	623	475	270	206	n.p.	n.p.	1,614
September qtr	582	427	234	183	39	4	1,469
December qtr	349	268	175	130	38	6	966
1990—							
March qtr	267	216	181	86	21	—	771
June qtr	376	308	211	96	15	6	1,012
September qtr	325	312	224	74	n.p.	n.p.	975
December qtr	287	286	156	47	17	5	798
1991—							
March qtr	227	197	139	34	n.p.	n.p.	623
June qtr	341	342	174	61	14	4	936
September qtr	322	319	167	26	n.p.	n.p.	853
December qtr	291	279	185	47	n.p.	n.p.	821
1992—							
March qtr	166	209	198	43	6	—	622
1990-91: July to Mar.	839	795	519	155	n.p.	n.p.	2,396
1991-92: July to Mar.	779	807	550	116	n.p.	n.p.	2,296

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)

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.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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