



**Australian
Bureau of
Statistics**

SEPTEMBER 1994

9301.0

NEW MOTOR VEHICLE REGISTRATIONS

AUSTRALIA
PRELIMINARY

EMBARGOED UNTIL 11:30AM WED 19 OCTOBER 1994

THIS MONTH'S KEY FIGURES

TREND ESTIMATES

	Sep 94	monthly % change	annual % change
Total new motor vehicle registrations	50 177	-0.5	9.6
Passenger vehicles	41 575	0.2	8.7
Other vehicles	8 602	-3.7	13.9

SEASONALLY ADJUSTED

	Sep 94	monthly % change	annual % change
Total new motor vehicle registrations	48 841	0.1	20.8
Passenger vehicles	40 808	-0.1	21.5
Other vehicles	8 033	1.0	16.9

ORIGINAL ESTIMATES

	Sep 94	monthly % change	annual % change
Total new motor vehicle registrations	50 233	-5.1	18.1
Passenger vehicles	42 384	-5.1	18.8
Other vehicles	7 849	-4.8	14.4

THIS MONTH'S KEY POINTS

TREND ESTIMATES

- The trend for total new registrations has fallen marginally in each of the last three months following sustained rises since September 1993. The trend for passenger vehicles has been essentially flat in recent months, whereas the trend for other vehicles has been falling since the June peak.

SEASONALLY ADJUSTED ESTIMATES

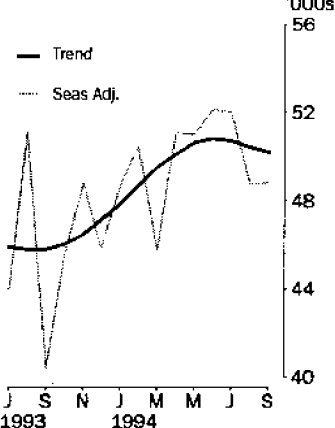
- The marginal decline in passenger vehicles was more than offset by the rise in other vehicles to show a small increase in total vehicles for September 1994. The seasonally adjusted estimate of other vehicle registrations is 16.9 per cent higher than for September 1993.

ORIGINAL ESTIMATES

- While total new vehicle registrations for September 1994 fell by 5.1 per cent they exceeded September 1993 by 18.1 per cent. Passenger vehicles fell by 5.1 per cent and other vehicles by 4.8 per cent from August 1994. Total registrations fell in all States and Territories except South Australia and the Northern Territory where rises of 7.0 and 6.6 per cent respectively, were recorded.

New vehicle registrations

Total vehicles



INQUIRIES

- For further information about these and related statistics, contact Kevin Yeadon on 06 252 6255, or any ABS Office.

NEW MOTOR VEHICLE NOTES

FORTHCOMING ISSUES

ISSUE	RELEASE DATE
October 1994	23 November 1994
November 1994	21 December 1994
December 1994	25 January 1995

CHANGES IN THIS ISSUE

There are no changes in this issue.

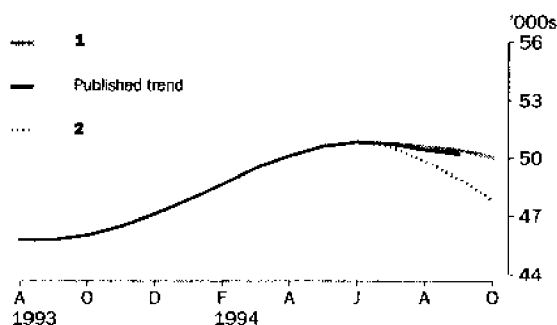
TREND REVISIONS

The most recent trend estimates are likely to be revised when new seasonally adjusted estimates become available.

The graph below presents the effect of two possible scenarios on the previous trend estimates:

- 1 The October seasonally adjusted estimate for total vehicle registrations is higher than the September seasonally adjusted estimate by 5.4%.
- 2 The October seasonally adjusted estimate for total vehicle registrations is lower than the September seasonally adjusted estimate by -5.4%.

The percentage change of 5.4% was chosen because the average absolute percentage change, based on the last 6 years, has been 5.4%.



A 5.4 per cent rise in total seasonally adjusted new motor vehicle registrations in October 1994 would continue the slight fall in the trend since June 1994. A fall of this magnitude in the October seasonally adjusted figure would show a strengthening decline in the revised trend from June 1994.

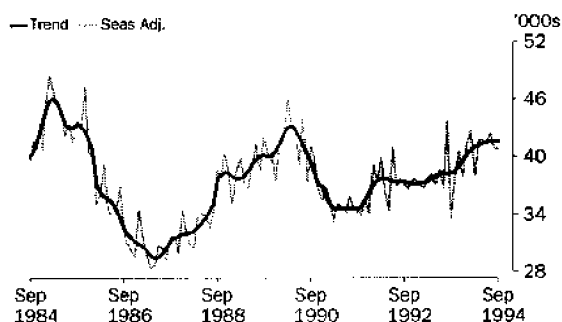
RICHARD MADDEN
ACTING AUSTRALIAN STATISTICIAN

VEHICLE REGISTRATIONS BY TYPE

SEASONALLY ADJUSTED AND TREND

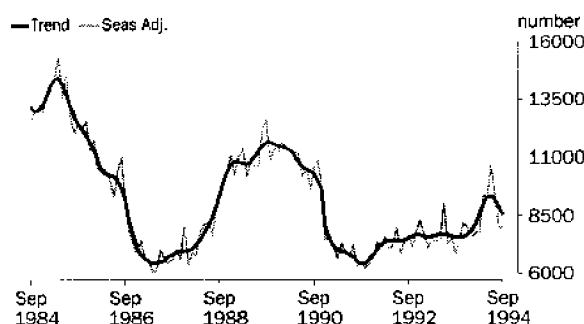
PASSENGER VEHICLES

Minor up and down movements in the trend estimate over the last three months have left the trend 0.2 per cent below the recent peak level recorded in June 1994. However, despite these recent falls the trend for September 1994 stands 8.7 per cent above the level recorded the previous year and 19.8 per cent above the previous low in October



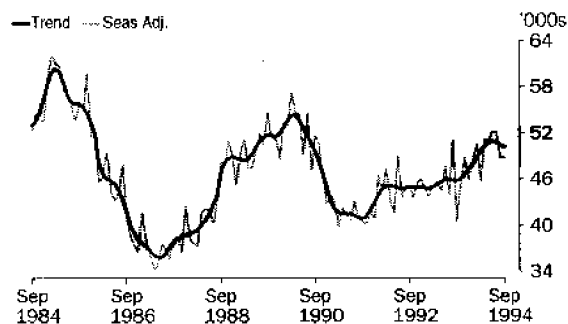
OTHER VEHICLES

The trend estimate for other vehicles has fallen markedly over the last three months following eight months of strong rises to June 1994. The September 1994 level is 26.3 per cent below the previous peak in October 1989 but 33.6 per cent above the most recent low in October 1991.



TOTAL VEHICLES (EXCLUDING MOTOR CYCLES)

The trend level has fallen slightly over the past three consecutive months and is now 1.3 per cent below the most recent peak in June 1994. However, the trend remains 22.6 per cent above the most recent low recorded in September 1991.



A break in series occurred in December 1990 — see paragraph 2 of Explanatory Notes.

NEW MOTOR VEHICLES, Registrations By Type: All Series

Month	Passenger vehicles	Other vehicles	Total
ORIGINAL			
1993			
July	37 719	7 719	45 438
August	45 125	7 326	52 451
September	35 681	6 864	42 545
October	37 162	7 524	44 686
November	41 662	8 446	50 108
December	40 746	7 791	48 537
1994			
January	30 967	5 695	36 662
February	38 859	7 088	45 947
March	43 715	8 971	52 686
April	36 003	8 052	44 055
May	43 102	10 096	53 198
June	45 240	12 713	57 953
July	42 280	9 649	51 929
August	44 684	8 244	52 928
September	42 384	7 849	50 233

SEASONALLY ADJUSTED			
1993			
July	36 722	7 289	44 011
August	43 619	7 534	51 153
September	33 575	6 872	40 447
October	37 929	7 528	45 457
November	40 637	8 176	48 813
December	37 871	7 983	45 854
1994			
January	41 163	7 599	48 762
February	42 736	7 752	50 487
March	37 938	7 816	45 754
April	41 682	9 381	51 063
May	41 704	9 309	51 013
June	41 482	10 656	52 138
July	42 657	9 371	52 028
August	40 840	7 954	48 793
September	40 808	8 033	48 841

TREND ESTIMATES¹			
1993			
July	38 246	7 670	45 916
August	38 179	7 601	45 781
September	38 236	7 555	45 790
October	38 487	7 544	46 031
November	38 908	7 583	46 492
December	39 458	7 668	47 125
1994			
January	40 044	7 831	47 875
February	40 570	8 116	48 687
March	40 975	8 541	49 516
April	41 158	8 971	50 129
May	41 369	9 277	50 645
June	41 486	9 348	50 834
July	41 539	9 201	50 740
August	41 506	8 932	50 438
September	41 575	8 602	50 177

¹ Trend estimates for March 1994 to August 1994 have been revised.

NEW MOTOR VEHICLES, Registrations By Type: Original

Month	Passenger vehicles	Light commercial vehicles	Rigid trucks	Articulated trucks	Non-freight carrying trucks	Buses	Total (excludes motor cycles)	Motor cycles
1993								
July	37 719	6 275	809	206	87	342	45 438	1 250
August	45 125	5 868	802	237	99	320	52 451	1 417
September	35 681	5 558	771	222	63	250	42 545	1 353
October	37 162	6 094	823	262	64	281	44 686	1 323
November	41 662	6 948	811	302	78	307	50 108	1 811
December	40 746	6 309	851	255	70	306	48 537	1 543
1994								
January	30 967	4 686	508	176	23	302	36 662	1 481
February	38 859	5 813	710	214	43	308	45 947	1 613
March	43 715	7 432	882	265	49	343	52 686	1 614
April	36 003	6 794	676	256	50	276	44 055	1 285
May	43 102	8 424	946	323	66	337	53 198	1 315
June	45 240	10 517	1 222	428	104	442	57 953	1 420
July	42 280	7 776	1 078	396	55	344	51 929	1 332
August	44 684	6 528	973	376	68	299	52 928	1 569
September	42 384	6 382	762	290	94	321	50 233	1 700

NEW MOTOR VEHICLES, Registrations By State: All Series

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
ORIGINAL									
1993									
July	15 148	10 784	9 123	3 187	4 624	992	555	1 025	45 438
August	18 495	11 622	10 169	3 549	5 595	1 300	462	1 259	52 451
September	14 303	9 894	7 921	3 141	4 743	985	473	1 085	42 545
October	14 487	10 629	9 397	3 068	4 581	1 065	486	973	44 686
November	18 628	11 248	8 585	3 490	5 361	1 233	548	1 015	50 108
December	16 130	11 608	9 421	3 172	5 470	1 333	448	955	48 537
1994									
January	12 896	8 173	7 373	2 239	4 078	766	299	838	36 662
February	16 295	10 700	8 455	3 187	5 016	929	434	931	45 947
March	18 775	12 713	9 167	3 645	5 702	967	586	1 131	52 686
April	14 642	9 885	10 447	2 651	4 246	811	595	778	44 055
May	19 996	11 950	10 149	3 235	5 327	1 017	562	962	53 198
June	20 719	13 246	10 476	4 022	6 332	1 243	712	1 203	57 953
July	17 641	11 719	11 636	3 393	4 883	1 152	600	905	51 929
August	19 943	12 382	9 032	3 382	5 270	1 331	516	1 072	52 928
September	18 122	11 488	9 027	3 619	5 246	1 247	550	934	50 233
SEASONALLY ADJUSTED									
1993									
July	14 696	10 230	8 760	3 164	4 617	1 008	528	1 008	44 011
August	17 972	11 085	10 434	3 347	5 438	1 365	429	1 082	51 153
September	13 993	9 436	7 114	2 907	4 699	823	467	1 008	40 447
October	15 201	10 698	9 324	3 009	4 608	1 117	493	1 008	45 457
November	17 506	11 242	8 971	3 214	5 195	1 249	546	889	48 813
December	16 177	10 849	8 318	3 046	5 196	855	487	927	45 854
1994									
January	16 857	11 479	9 788	3 031	4 861	1 083	421	1 242	48 762
February	18 040	11 449	9 415	3 508	5 370	1 122	528	1 056	50 487
March	15 875	11 477	7 774	3 221	5 002	900	504	1 000	45 754
April	17 602	10 831	12 451	2 990	4 678	992	621	899	51 063
May	18 031	11 470	10 212	3 269	5 441	1 084	530	976	51 013
June	18 266	12 197	9 270	3 746	5 702	1 245	582	1 130	52 138
July	17 815	11 354	11 534	3 514	5 140	1 207	579	887	52 028
August	18 307	11 278	8 537	3 086	4 935	1 349	442	860	48 793
September	18 253	11 081	8 378	3 365	5 225	1 050	588	902	48 841
TREND ESTIMATES ¹									
1993									
July	15 611	10 428	9 089	3 221	4 972	1 103	507	985	45 916
August	15 603	10 418	9 022	3 169	4 977	1 098	497	996	45 781
September	15 743	10 467	8 933	3 108	4 962	1 089	488	999	45 790
October	15 984	10 627	8 810	3 080	4 965	1 080	482	1 004	46 031
November	16 259	10 855	8 741	3 090	4 986	1 067	481	1 012	46 492
December	16 531	11 062	8 854	3 116	5 012	1 045	487	1 020	47 125
1994									
January	16 809	11 226	9 102	3 147	5 043	1 023	497	1 028	47 875
February	17 063	11 339	9 454	3 193	5 080	1 010	513	1 035	48 687
March	17 290	11 412	9 855	3 248	5 128	1 021	531	1 032	49 516
April	17 463	11 446	10 141	3 298	5 166	1 054	548	1 014	50 129
May	17 700	11 482	10 260	3 344	5 209	1 107	557	986	50 645
June	17 922	11 484	10 143	3 372	5 239	1 155	557	961	50 834
July	18 106	11 457	9 867	3 385	5 242	1 193	551	940	50 740
August	18 242	11 402	9 514	3 379	5 220	1 216	543	921	50 438
September	18 420	11 334	9 151	3 382	5 214	1 235	538	903	50 177

¹ Trend estimates for March 1994 to August 1994 have been revised.

NEW PASSENGER VEHICLES, Selected Make/Models: **Original**— September 1994

Make/Model	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Ford									
Falcon/Fairmont	2 382	2 006	1 240	493	763	65	34	134	7 117
Laser	369	184	177	97	85	13	2	13	940
Telestar	111	109	68	25	9	3	2	4	331
Other	223	161	136	47	68	13	5	16	669
Total	3 085	2 460	1 621	662	925	94	43	167	9 057
Holden									
Commodore/Calais	2 479	1 750	1 104	614	613	193	53	150	6 956
Barina	247	82	110	62	80	11	5	17	614
Apollo	121	106	60	49	49	4	..	5	394
Other	367	280	154	70	82	10	2	14	979
Total	3 214	2 218	1 428	795	824	218	60	186	8 943
Hyundai									
Excel	396	262	225	55	258	25	22	35	1 278
Sonata	162	78	36	33	44	8	3	2	366
Lantra	88	29	21	6	26	6	3	2	181
Other	20	12	6	3	8	..	1	1	51
Total	666	381	288	97	336	39	29	40	1 876
Mazda									
323	234	194	119	48	55	17	3	19	689
121	159	74	70	21	29	13	4	13	383
626	129	88	62	20	39	3	4	11	356
Other	94	47	55	18	25	5	1	4	249
Total	616	403	306	107	148	38	12	47	1 677
Mitsubishi									
Magna	929	729	549	334	278	68	25	83	2 995
Lancer	306	226	243	90	111	20	6	25	1 027
Pajero	215	78	121	44	60	5	4	5	532
Other	192	142	59	82	22	13	..	11	521
Total	1 642	1 175	972	550	471	106	35	124	5 075
Nissan									
Pulsar	243	126	127	65	42	15	2	4	624
Patrol	104	82	66	27	46	5	2	2	334
Bluebird	128	75	47	16	30	21	3	7	327
Other	63	89	34	14	17	7	..	2	226
Total	538	372	274	122	135	48	7	15	1 511
Toyota									
Camry	851	469	366	101	170	137	46	36	2 176
Corolla	603	391	351	136	247	118	55	13	1 914
Landcruiser	246	155	290	61	126	12	25	15	930
Other	860	425	352	96	164	44	21	48	2 010
Total	2 560	1 440	1 359	394	707	311	147	112	7 030

EXPLANATORY NOTES

INTRODUCTION

- 1** This publication presents monthly data for registrations of new motor vehicles.
- 2** The statistics in this publication are based on procedures using the Vehicle Identification Number (VIN), adopted by the State and Territory motor vehicle registration authorities. The VIN system allows more accurate classification of vehicles. In the case of some States, data processed using the VIN are not strictly comparable with data processed prior to December 1990.

SCOPE AND COVERAGE

- 3** Motor vehicle registration statistics are obtained from the State and Territory motor vehicle registration authorities. The statistics reflect the information recorded in registration documents. With the exception of Queensland, the statistics shown do not depart significantly from actual registrations during the period.

In the case of Queensland, a number of registrations processed in a month actually relate to vehicles registered prior to that month. Because of the lags from purchase to registration, and processing lags, the published statistics for the period can vary from actual sales of new vehicles for the same period.

- 4** The scope of the statistics:
 - includes:
 - passenger vehicles
 - light commercial vehicles
 - trucks
 - buses
 - motorcycles
 - vehicles with diplomatic and consular plates
 - State and Commonwealth owned vehicles
 - excludes:
 - vehicles belonging to the defence forces
 - recreation vehicles such as trail bikes and sand dune buggies (in those States where registration is required).

SEASONAL ADJUSTMENT

- 5** Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences can be more clearly recognised.
- 6** Seasonal adjustment does not remove from the series the effect of irregular or non-seasonal influences (e.g. the introduction of new models, processing delays, industrial disputes).
- 7** Irregular influences that are highly volatile can make it difficult to interpret the series even after adjustment for seasonal variation.
- 8** Seasonally adjusted series are calculated for the 'Passenger vehicles', 'Other vehicles' and 'Total vehicles' series for each State and Territory and are aggregated to obtain the total for Australia.
- 9** Seasonal adjustment factors are analysed and revised as necessary annually. (For further details refer to the Explanatory Notes of Cat No. 9303.0.)

TREND ESTIMATES

10 The smoothing of seasonally adjusted series to create trend estimates reduces the impact of the irregular component of the seasonally adjusted series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

11 While this smoothing technique enables trend estimates to be produced for the latest month, it does result in revisions to the trend estimates for the most recent months as data for subsequent months become available. Generally subsequent revisions become smaller and after three months, usually have a negligible impact on the series. Changes in the original data and re-estimation of seasonal factors may also lead to revisions to the trend. For more information, see *A Guide to Smoothing Time Series—Estimates of Trend* (1316.0) and *Time Series Decomposition—An Overview* (1317.0).

RELATED PUBLICATIONS

12 A more detailed break-up of the monthly figures presented here is available in *Motor Vehicle Registrations, Australia* (9303.0). This publication is generally available within three weeks of the issue of this publication. Data on total vehicle registrations, both new and re-registrations, is available in *Motor Vehicle Census, Australia, 30 June 1993* (9309.0).

SYMBOLS AND OTHER USAGES

n.p. not available for publication, but included in totals.

GLOSSARY

Articulated trucks	Vehicles constructed primarily for load carrying consisting of a prime mover having no significant load carrying area but with a turn table device which can be linked to a trailer. With or without a trailer the gross combination mass will be 3.5 tonnes or more.
Buses	Includes all passenger vehicles having more than nine seats, including the driver.
Light commercial vehicles	Describes goods carrying vehicles less than 3.5 tonnes gross vehicle mass. Included are utilities, panel vans, cab-chassis and forward control vehicles (whether four-wheel drive or not).
Motor cycles	Includes 2 and 3 wheeled mopeds, scooters, motor tricycles and motor cycles with side cars.
Non-freight carrying trucks	Includes specialist vehicles such as ambulances, mobile cranes or vehicles fitted with special purpose equipment and having no goods carrying capacity.
Passenger vehicles	Includes cars, station wagons, four-wheel drive passenger vehicles and forward control passenger vehicles with up to nine seats (including the driver).
Registrations	This includes all registrations processed by the motor vehicle registration authorities in the States and Territories during the relevant period.
Rigid trucks	Vehicles constructed primarily for load carrying with a gross vehicle mass of 3.5 tonnes or more.
VIN	The Vehicle Identification Number (VIN) uniquely identifies each vehicle. Embedded in the number are details of make and model together with other relevant information about the vehicle. The VIN is collected by the motor vehicle registration authorities at the time of registration.

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