

**NEW MOTOR VEHICLE
REGISTRATIONS**

AUSTRALIA
PRELIMINARY

EMBARGOED UNTIL 11:30AM WED 23 NOVEMBER 1994

THIS MONTH'S KEY FIGURES

TREND ESTIMATES

	Oct 94	monthly % change	annual % change
Total new motor vehicle registrations	51 927	0.4	12.8
Passenger vehicles	43 427	1.1	12.8
Other vehicles	8 499	-2.9	12.7

SEASONALLY ADJUSTED

	Oct 94	monthly % change	annual % change
Total new motor vehicle registrations	55 799	13.7	22.8
Passenger vehicles	46 786	14.7	23.4
Other vehicles	9 013	9.2	19.7

ORIGINAL ESTIMATES

	Oct 94	monthly % change	annual % change
Total new motor vehicle registrations	54 355	7.8	21.6
Passenger vehicles	45 359	7.0	22.1
Other vehicles	8 996	11.6	19.6

THIS MONTH'S KEY POINTS

TREND ESTIMATES

- Other vehicle registrations have been steadily falling since the peak of June 1994. However, the steady consecutive rises in the passenger vehicle trend since August 1993 have offset the decline in other vehicles to continue the slight upward trend in total registrations which is now 12.8 per cent higher than the level in October 1993.

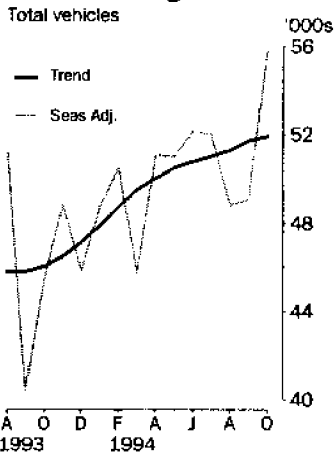
SEASONALLY ADJUSTED ESTIMATES

- Most States and Territories showed large percentage increases over the previous month. However, South Australia and the Northern Territory recorded declines of 1.8 and 0.9 per cent, respectively.

ORIGINAL ESTIMATES

- While most States and Territories recorded increases during October, ranging from 16.7 per cent in Queensland to 2.2 per cent in Western Australia and Tasmania, South Australia and the Australian Capital Territory recorded falls of 6.9 per cent and 3.6 per cent, respectively.

New vehicle registrations



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
November 1994	21 December 1994
December 1994	25 January 1995
January 1995	22 February 1995

CHANGES IN THIS ISSUE

There are no changes in this issue.

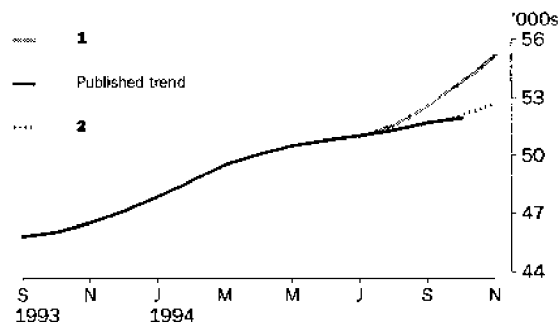
TREND REVISIONS

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 November seasonally adjusted estimate for total vehicle registrations is higher than the October seasonally adjusted estimate by 5.5%.
- 2** The November seasonally adjusted estimate for total vehicle registrations is lower than the October seasonally adjusted estimate by -5.5%.

The percentage change of 5.5% was chosen because the average absolute percentage change, based on the last 6 years, has been 5.5%.



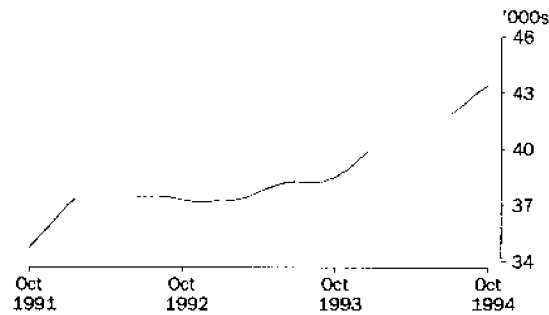
A 5.5 per cent rise in total seasonally adjusted new motor vehicle registrations in November 1994 would produce a sharp increase in the revised trend from July. A 5.5 per cent fall in the November seasonally adjusted figure would continue the current rise in the trend.

RICHARD MADDEN
ACTING AUSTRALIAN STATISTICIAN

VEHICLE REGISTRATIONS BY TYPE: Trend series

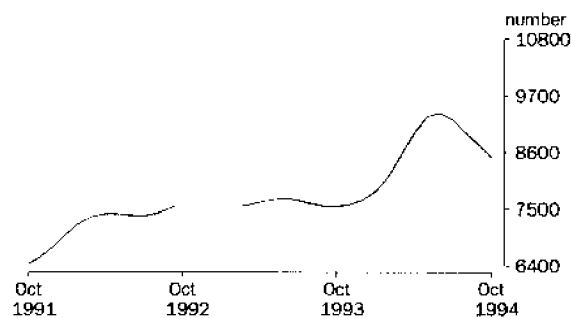
PASSENGER VEHICLES

The trend has been rising steadily since December 1992 apart from minor falls in February and August 1993 to be 12.8 per cent above the trend level in October 1993. It has now risen 0.5 per cent above the previous peak of April 1990.



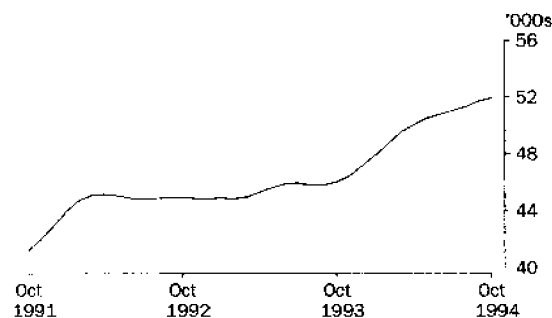
OTHER VEHICLES

The trend has fallen steadily over recent months to be 9.2 per cent below the recent peak level in June 1994. However, the trend remains 12.7 per cent above the level in October 1993 and 32.0 per cent above the low in October 1991.



TOTAL VEHICLES (EXCLUDING MOTOR CYCLES)

The trend has shown steady growth since December 1992 (despite marginal reverses in February, August and September 1993). The fall in other vehicles over recent months has modified the strong growth in the trend for passenger vehicles. The trend level remains 4.5 per cent below the level of the most recent peak in April 1990.





NEW MOTOR VEHICLES, Registrations By Type: All Series

Month	Passenger vehicles	Other vehicles	Total
ORIGINAL			
1993			
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	42 374	8 064	50 438
October	45 359	8 996	54 355

SEASONALLY ADJUSTED			
1993			
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	40 799	8 257	49 056
October	46 786	9 013	55 799

TREND ESTIMATES ¹			
1993			
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	8 537	49 512
April	41 067	8 969	50 036
May	41 199	9 280	50 478
June	41 403	9 362	50 765
July	41 780	9 225	51 005
August	42 303	8 988	51 291
September	42 949	8 754	51 703
October	43 427	8 499	51 927

¹ Trend estimates for April 1994 to September 1994 have been revised.



NEW MOTOR VEHICLES, Registrations By Type: Original

<i>Month</i>	<i>Passenger vehicles</i>	<i>Light commercial vehicles</i>	<i>Rigid trucks</i>	<i>Articulated trucks</i>	<i>Non-freight carrying trucks</i>	<i>Buses</i>	<i>Total (excludes motor cycles)</i>	<i>Motor cycles</i>
1993								
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	10 518	1 221	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	42 374	6 390	877	384	94	319	50 438	1 677
October	45 359	7 223	922	415	92	344	54 355	1 671

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									
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	18 124	11 489	9 230	3 619	5 245	1 247	550	934	50 438
October	19 342	12 746	10 767	3 371	5 362	1 275	592	900	54 355
SEASONALLY ADJUSTED									
1993									
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	18 255	11 082	8 591	3 365	5 224	1 050	588	902	49 056
October	20 183	13 016	10 931	3 304	5 439	1 360	583	984	55 799
TREND ESTIMATES¹									
1993									
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	47 675
February	17 063	11 339	9 454	3 193	5 080	1 010	513	1 035	48 687
March	17 290	11 412	9 850	3 248	5 128	1 021	531	1 032	49 512
April	17 433	11 417	10 113	3 301	5 163	1 050	547	1 012	50 036
May	17 639	11 428	10 220	3 348	5 201	1 102	557	984	50 478
June	17 895	11 458	10 133	3 375	5 235	1 153	557	959	50 765
July	18 183	11 533	9 962	3 380	5 250	1 199	551	946	51 005
August	18 505	11 651	9 789	3 371	5 256	1 236	548	935	51 291
September	18 857	11 802	9 686	3 354	5 265	1 264	550	926	51 703
October	19 100	11 991	9 475	3 334	5 277	1 278	549	923	51 927

¹ Trend estimates for April 1994 to September 1994 have been revised.

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

<i>Make/Model</i>	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Northern Territory</i>	<i>Australian Capital Territory</i>	<i>Australia</i>
Ford									
Falcon/Fairmont	2 624	2 279	1 355	456	700	120	38	136	7 708
Laser	369	200	145	60	98	17	4	19	912
Festiva	241	99	165	40	78	6	16	9	654
Other	237	339	129	46	60	8	4	8	831
Total	3 471	2 917	1 794	602	936	151	62	172	10 105
Holden									
Commodore/Calais	2 243	1 684	1 227	475	504	169	52	123	6 477
Barina	263	133	205	87	85	18	2	22	815
Apollo	83	84	59	41	51	6	..	11	335
Other	281	263	153	67	72	18	7	15	876
Total	2 870	2 164	1 644	670	712	211	61	171	8 503
Hyundai									
Excel	475	373	351	57	298	34	30	29	1 647
Sonata	113	66	81	14	36	4	2	1	317
Lantra	128	40	30	4	33	1	3	3	242
Other	20	19	10	3	10	1	63
Total	736	498	472	78	377	39	35	34	2 269
Mazda									
323	282	208	149	45	65	13	2	22	786
121	275	127	138	45	67	64	10	24	750
626	170	95	56	26	39	5	3	5	399
Other	101	60	54	20	14	1	1	5	256
Total	828	490	397	136	185	83	16	56	2 191
Mitsubishi									
Magna	966	729	514	326	308	83	25	69	3 020
Lancer	328	234	229	112	105	25	5	23	1 061
Pajero	268	98	151	38	63	7	10	2	637
Other	127	107	71	63	31	11	4	7	421
Total	1 689	1 168	965	539	507	126	44	101	5 139
Nissan									
Pulsar	209	105	102	36	36	7	4	16	515
Patrol	99	96	71	16	61	5	4	3	355
Bluebird	100	44	51	8	9	1	3	8	224
Other	114	122	74	25	29	12	..	5	381
Total	522	367	298	85	135	25	11	32	1 475
Toyota									
Corolla	949	531	417	116	240	91	57	54	2 455
Camry	984	515	408	108	210	98	45	31	2 399
Landcruiser	344	204	306	76	118	20	23	5	1 096
Other	1 012	474	451	118	194	31	17	35	2 332
Total	3 289	1 724	1 582	418	762	240	142	125	8 282

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.

G L O S S A R Y



- 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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