NEW MOTOR VEHICLE
AUSTRALIA REGISTRATIONS

PRELIMINARY

EMBARGO: 11:30AM (CANBERRA TIME) FRI 24 NOV 2000

## New vehicle registrations <br> 

- For further information about these and related statistics, contact Henry Zuk on Brisbane 0732226125 , or the National Information Service on 1300135070.


## OCTOBER KEY FIGURES

| TREND ESTIMATES | Oct 2000 | \% change <br> Sep 2000 to <br> Oct 2000 | \%ct 1999 to to <br> Oct 2000 |
| :--- | :---: | :---: | :---: |
|  | Octange |  |  |
| Total new motor vehicle registrations | 70628 | 1.3 | 14.8 |
| Passenger vehicles | 60608 | 1.7 | 20.5 |
| Other vehicles | 10020 | -1.1 | -10.8 |


| SEASONALLY ADJUSTED |  | \% change <br> Sep 2000 to <br> Oct 2000 | \% change <br> Oct 1999 to |
| :--- | :---: | :---: | :---: |
|  | Oct 2000 |  |  |


| ORIGINALESTIMATES |  | \%change <br> Sep 2000 to <br> Oct 2000 | Oct 1999 to <br> Oct 2000 |
| :--- | :---: | :---: | :---: |
|  | Oct 2000 |  |  |
| Octal new motor vehicle registrations | 65050 | 1.7 | 14.4 |
| Passenger vehicles | 55534 | 1.4 | 18.5 |
| Other vehicles | 9516 | 3.1 | -5.1 |

## OCTOBER KEY POINTS

## TREND ESTIMATES

- The trend estimate for total new motor vehicle registrations rose by $1.3 \%$ in October 2000 compared with the previous month. The estimate

TAKE CARE!
Trend estimates are revised as new monthly revised as ne available.
data become for passenger vehicles rose by $1.7 \%$ while that for other vehicles fell by $1.1 \%$

## SEASONALLYADJUSTED ESTIMATES

- The seasonally adjusted estimate for total new motor vehicle registrations fell by $5.1 \%$ in October 2000 compared with the previous month. The estimate for passenger vehicles fell by $5.6 \%$ and that for other vehicles fell by $2.3 \%$.


## ORIGINALESTIMATES

- Total new motor vehicle registrations rose by $1.7 \%$ in October 2000 compared with the previous month. Registrations of passenger vehicles rose by $1.4 \%$ and that for other vehicles rose by $3.1 \%$.


## NOTES

## FORTHCOMING ISSUES

CHANGES IN THIS ISSUE

TREND REVISIONS

TAKE CARE: revised as new monthly data become available.

ISSUE
November 2000
December 2000
January 2001
February 2001
March 2001
April 2001

RELEASE DATE
22 December 2000
25 January 2001
23 February 2001
30 March 2001
27 April 2001
25 May 2001

There are no changes in this issue.

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 $3.8 \%$.
2 The November seasonally adjusted estimate for total vehicle registrations is lower than the October seasonally adjusted estimate by $-3.8 \%$.

The percentage change of $3.8 \%$ was chosen because the average absolute percentage change, based on the last 11 years, has been $3.8 \%$.


## Dennis Trewin

Australian Statistician

## VEHICLE REGISTRATIONS BY STATE:Trend series

NEW SOUTH WALES


VICTORIA


QUEENSLAND

SOUTH AUSTRALIA


WESTERN AUSTRALIA


TASMANIA


NORTHERN TERRITORY


AUSTRALIAN CAPITAL TERRITORY


| Month | Passenger vehicles | Other vehicles | Total |
| :---: | :---: | :---: | :---: |
| ORIGINAL |  |  |  |
| 1999 |  |  |  |
| August | 49668 | 10224 | 59892 |
| September | 49104 | 10111 | 59215 |
| October | 46856 | 10028 | 56884 |
| November | 54009 | 11853 | 65862 |
| December | 54941 | 11705 | 66646 |
| 2000 |  |  |  |
| January | 42236 | 8021 | 50257 |
| February | 51401 | 10809 | 62210 |
| March | 56257 | 11457 | 67714 |
| April | 41649 | 8664 | 50313 |
| May | 51554 | 12585 | 64139 |
| June | 45521 | 15358 | 60879 |
| July | 69632 | 9354 | 78986 |
| August | 65811 | 10557 | 76368 |
| September | 54759 | 9227 | 63986 |
| October | 55534 | 9516 | 65050 |
| SEASONALLY ADJUSTED |  |  |  |
| 1999 |  |  |  |
| August | 49604 | 10745 | 60349 |
| September | 49685 | 10697 | 60382 |
| October | 48924 | 10915 | 59839 |
| November | 51150 | 11552 | 62702 |
| December | 52343 | 12122 | 64465 |
| 2000 |  |  |  |
| January | 53510 | 11027 | 64537 |
| February | 52427 | 11208 | 63635 |
| March | 51342 | 10496 | 61838 |
| April | 49698 | 10001 | 59699 |
| May | 48061 | 10928 | 58989 |
| June | 38698 | 11344 | 50042 |
| July | 68594 | 9090 | 77684 |
| August | 64167 | 10902 | 75069 |
| September | 58127 | 10061 | 68188 |
| October | 54865 | 9826 | 64691 |
| TREND ESTIMATES |  |  |  |
| 1999 |  |  |  |
| August | 50612 | 10720 | 61332 |
| September | 50072 | 10982 | 61054 |
| October | 50296 | 11235 | 61531 |
| November | 51007 | 11377 | 62384 |
| December | 51962 | 11369 | 63331 |
| 2000 |  |  |  |
| January | 52072 | 11264 | 63336 |
| February | 51097 | 11066 | 62163 |
| March | 49907 | 10827 | 60734 |
| April | 49608 | 10630 | 60238 |
| May | 50693 | 10509 | 61202 |
| June | 52971 | 10441 | 63412 |
| July | 55678 | 10353 | 66031 |
| August | 58019 | 10240 | 68259 |
| September | 59619 | 10127 | 69746 |
| October | 60608 | 10020 | 70628 |

(a) Trend estimates for April 2000 to September 2000 have been revised.

| Month | Passenger vehicles | Light <br> commercial vehicles | Rigid trucks | Articulated trucks | Non-freight carrying trucks | Buses | Total (excludes motor cycles) | Motor cycles |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |
| August | 49668 | 8456 | 1099 | 302 | 139 | 228 | 59892 | 2578 |
| September | 49104 | 8203 | 1227 | 321 | 80 | 280 | 59215 | 2898 |
| October | 46856 | 8215 | 1119 | 345 | 83 | 266 | 56884 | 2897 |
| November | 54009 | 9793 | 1245 | 358 | 128 | 329 | 65862 | 3179 |
| December | 54941 | 9715 | 1249 | 268 | 96 | 377 | 66646 | 2850 |
| 2000 |  |  |  |  |  |  |  |  |
| January | 42236 | 6821 | 673 | 186 | 48 | 293 | 50257 | 2425 |
| February | 51401 | 9102 | 997 | 278 | 69 | 363 | 62210 | 2604 |
| March | 56257 | 9585 | 1176 | 288 | 56 | 352 | 67714 | 2945 |
| April | 41649 | 7127 | 968 | 198 | 58 | 313 | 50313 | 2518 |
| May | 51554 | 10625 | 1348 | 196 | 61 | 355 | 64139 | 2770 |
| June | 45521 | 13170 | 1354 | 193 | 113 | 528 | 60879 | 2259 |
| July | 69632 | 7508 | 1047 | 485 | 62 | 252 | 78986 | 2842 |
| August | 65811 | 8689 | 1138 | 331 | 90 | 309 | 76368 | 3125 |
| September | 54759 | 7436 | 1057 | 297 | 148 | 289 | 63986 | 3008 |
| October | 55534 | 7774 | 1154 | 285 | 69 | 234 | 65050 | 3140 |


| Month | New <br> South <br> Wales | Victoria | Queensland | South <br> Australia | Western Australia | Tasmania | Northern Territory | Australian Capital Territory | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ORIGINAL |  |  |  |  |  |  |  |  |
| 1999 |  |  |  |  |  |  |  |  |  |
| August | 21102 | 16298 | 9852 | 3851 | 5807 | 1270 | 613 | 1099 | 59892 |
| September | 20647 | 16568 | 9563 | 3651 | 5629 | 1458 | 693 | 1006 | 59215 |
| October | 20130 | 15775 | 8963 | 3659 | 5635 | 1130 | 609 | 983 | 56884 |
| November | 24536 | 17771 | 9919 | 4335 | 6134 | 1256 | 700 | 1211 | 65862 |
| December | 23301 | 17884 | 10939 | 4423 | 6385 | 1899 | 628 | 1187 | 66646 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 16996 | 14991 | 8221 | 2926 | 4842 | 952 | 471 | 858 | 50257 |
| February | 22131 | 16613 | 11056 | 3868 | 5784 | 992 | 587 | 1179 | 62210 |
| March | 23819 | 17530 | 13245 | 3994 | 6189 | 1128 | 659 | 1150 | 67714 |
| April | 17781 | 12964 | 9572 | 2900 | 4627 | 937 | 611 | 921 | 50313 |
| May | 22781 | 16487 | 12061 | 3896 | 5843 | 1126 | 760 | 1185 | 64139 |
| June | 21062 | 15074 | 12968 | 3663 | 5097 | 1059 | 897 | 1059 | 60879 |
| July | 27323 | 21037 | 15649 | 4616 | 7360 | 1205 | 555 | 1241 | 78986 |
| August | 27024 | 19878 | 14357 | 4538 | 7086 | 1472 | 701 | 1312 | 76368 |
| September | 20908 | 17197 | 12122 | 4138 | 6386 | 1545 | 590 | 1100 | 63986 |
| October | 22093 | 17417 | 12429 | 4240 | 5977 | 1241 | 601 | 1052 | 65050 |

SEASONALLY ADJUSTED

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| August | 21162 | 16328 | 10170 | 3788 | 5988 | 1192 | 668 | 1053 | 60349 |
| September | 21574 | 16437 | 10000 | 3598 | 5842 | 1255 | 710 | 966 | 60382 |
| October | 21621 | 16384 | 9267 | 3824 | 5862 | 1142 | 657 | 1082 | 59839 |
| November | 22368 | 17192 | 10020 | 4107 | 5848 | 1222 | 740 | 1205 | 62702 |
| December | 24074 | 16437 | 10793 | 4180 | 5976 | 1247 | 687 | 1071 | 64465 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 21347 | 20405 | 9749 | 3882 | 6033 | 1327 | 667 | 1127 | 64537 |
| February | 22352 | 17104 | 11459 | 3950 | 5642 | 1197 | 657 | 1274 | 63635 |
| March | 21844 | 15259 | 12798 | 3629 | 5592 | 1190 | 514 | 1012 | 61838 |
| April | 20968 | 15898 | 10854 | 3389 | 5536 | 1287 | 637 | 1130 | 59699 |
| May | 20100 | 15648 | 11236 | 3835 | 5331 | 1065 | 632 | 1142 | 58989 |
| June | 17619 | 12166 | 10577 | 2959 | 4150 | 1083 | 641 | 847 | 50042 |
| July | 26243 | 21251 | 14442 | 4631 | 8095 | 1152 | 618 | 1252 | 77684 |
| August | 26947 | 19024 | 14775 | 4337 | 6798 | 1322 | 705 | 1161 | 75069 |
| September | 22986 | 18082 | 12817 | 4270 | 6823 | 1369 | 671 | 1170 | 68188 |
| October | 21651 | 17466 | 12252 | 4263 | 6064 | 1223 | 639 | 1133 | 64691 |

TREND ESTIMATES

| 1999 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| August | 22085 | 16560 | 10019 | 3837 | 5879 | 1201 | 671 | 1080 | 61332 |
| September | 22035 | 16568 | 9829 | 3844 | 5820 | 1202 | 682 | 1074 | 61054 |
| October | 22133 | 16854 | 9815 | 3900 | 5837 | 1214 | 694 | 1084 | 61531 |
| November | 22304 | 17232 | 9991 | 3952 | 5877 | 1231 | 694 | 1103 | 62384 |
| December | 22479 | 17537 | 10363 | 3982 | 5919 | 1242 | 679 | 1130 | 63331 |
| 2000 |  |  |  |  |  |  |  |  |  |
| January | 22339 | 17448 | 10737 | 3931 | 5833 | 1247 | 657 | 1144 | 63336 |
| February | 21779 | 16932 | 11002 | 3806 | 5639 | 1235 | 633 | 1137 | 62163 |
| March | 21152 | 16268 | 11235 | 3669 | 5478 | 1204 | 614 | 1114 | 60734 |
| April | 20929 | 15845 | 11536 | 3599 | 5454 | 1173 | 610 | 1092 | 60238 |
| May | 21259 | 15901 | 11923 | 3646 | 5613 | 1157 | 619 | 1084 | 61202 |
| June | 22008 | 16438 | 12369 | 3793 | 5911 | 1168 | 635 | 1090 | 63412 |
| July | 22826 | 17237 | 12787 | 3979 | 6246 | 1197 | 650 | 1109 | 66031 |
| August | 23484 | 17935 | 13133 | 4156 | 6525 | 1233 | 661 | 1132 | 68259 |
| September | 23880 | 18430 | 13334 | 4303 | 6712 | 1266 | 667 | 1154 | 69746 |
| October | 24068 | 18704 | 13497 | 4417 | 6822 | 1292 | 665 | 1163 | 70628 |

(a) Trend estimates for April 2000 to September 2000 have been revised.

| Make/Model | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Northern Territory | Australian Capital Territory | Australia |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Make/Model |  | Victora | Queensland |  |  | Tasmania |  |  | Australia |
| Holden |  |  |  |  |  |  |  |  |  |
| Commodore/Calais | 2801 | 2495 | 1555 | 628 | 670 | 149 | 36 | 147 | 8481 |
| Astra | 685 | 530 | 263 | 156 | 130 | 23 | 3 | 65 | 1855 |
| Vectra | 193 | 224 | 53 | 35 | 35 | 13 | 1 | 6 | 560 |
| Other | 405 | 433 | 233 | 113 | 111 | 19 | 6 | 21 | 1341 |
| Total | 4084 | 3682 | 2104 | 932 | 946 | 204 | 46 | 239 | 12237 |

## Toyota

| Camry/Vienta | 1166 | 668 | 526 | 100 | 217 | 51 | 40 | 56 | 2824 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Corolla | 798 | 478 | 341 | 116 | 285 | 40 | 47 | 28 | 2133 |
| Avalon | 378 | 612 | 180 | 87 | 132 | 16 | 7 | 10 | 1422 |
| Other | 1215 | 774 | 801 | 194 | 327 | 58 | 65 | 34 | 3468 |
| Total | 3557 | 2532 | 1848 | 497 | 961 | 165 | 159 | 128 | 9847 |

Ford

| Falcon/Fairmont | 1534 | 1649 | 1032 | 354 | 498 | 70 | 29 | 80 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Laser | 386 | 304 | 153 | 81 | 80 | 28 | 6 | 12 |
| Festiva | 170 | 101 | 87 | 65 | 20 | 10 | 5 | 9 |
| Other | 141 | 216 | 93 | 45 | 47 | 5 | 6 | 11 |
| Total | 2231 | 2270 | 1365 | 545 | 645 | 113 | 46 | 112 |

Mitsubishi

| Lancer | 464 | 451 | 346 | 106 | 189 | 26 | 13 | 39 | 1634 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Magna | 435 | 397 | 273 | 365 | 189 | 29 | 16 | 27 | 1731 |
| Pajero | 235 | 176 | 131 | 62 | 67 | 15 | 17 | 10 | 713 |
| Other | 541 | 240 | 196 | 129 | 73 | 17 | 3 | 36 | 1235 |
| Total | 1675 | 1264 | 946 | 662 | 518 | 87 | 49 | 112 | 5313 |


| Nissan |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Pulsar | 771 | 703 | 564 | 96 | 220 | 78 | 17 | 42 |
| Patrol | 231 | 141 | 183 | 50 | 101 | 9 | 12 | 8 |
| Pathfinder | 117 | 83 | 51 | 15 | 21 | 5 | 4 | 4 |
| Other | 93 | 92 | 61 | 19 | 23 | 3 | 3 | 8 |
| Total | 1212 | 1019 | 859 | 180 | 365 | 95 | 36 | 62 |
| 300 |  |  |  |  |  |  |  |  |

## Hyundai

| Accent | 646 | 356 | 288 | 114 | 197 | 35 | 10 | 28 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Lantra/Elantra | 234 | 159 | 100 | 23 | 78 | 18 | 9 | 11 |
| Sonata | 101 | 53 | 39 | 15 | 36 | 27 |  | 1 |
| Other | 103 | 47 | 59 | 15 | 36 | 4 | 1 | 272 |
| Total | 1084 | 615 | 486 | 167 | 347 | 84 | 20 | 43 |

## Honda

| CRV | 283 | 240 | 142 | 29 | 46 | 9 | 4 | 11 | 764 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Civic | 258 | 202 | 119 | 47 | 86 | 10 | 2 | 15 | 739 |
| Accord | 106 | 86 | 47 | 10 | 14 | 2 |  | 6 | 271 |
| Other | 177 | 116 | 59 | 11 | 38 | 8 | 1 | 7 | 417 |
| Total | 824 | 644 | 367 | 97 | 184 | 29 | 7 | 39 | $\mathbf{2 1 9 1}$ |

## EXPLANATORY NOTES

INTRODUCTION

SCOPE AND COVERAGE

SEASONAL ADJUSTMENT

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

3 Motor vehicle registration statistics are obtained from State and Territory motor vehicle registration authorities. The statistics reflect information recorded in registration documents. While the statistics do not depart significantly from actual registrations during the period, a number of registrations processed in a month actually relate to vehicles registered prior to that month.

4 New motor vehicle registrations are obtained from New South Wales, Victoria, Queensland and Western Australia registration authorities on a weekly basis. Other registries provide data for each calendar month. The ABS processes the weekly registration data provided for the above-mentioned States and includes data for the relevant month in this publication. Data referring to the next month are withheld and included in the next month's publication. In some months, the ABS processes five weeks of data for the above States, while other months include four weeks of data. In months where five weeks of data are processed and depending on the actual pattern of registration processing, it is possible that there will be a greater number of registrations recorded because the carry forward from the previous month is likely to be greater than the carry over to the next month.

5 The scope of the statistics:

- includes:
passenger vehicles
light commercial vehicles
trucks
buses
motorcycles (note: not included in totals)
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).

6 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.

7 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).

## EXPLANATORY NOTES

SEASONAL ADJUSTMENT continued

TREND ESTIMATES

RELATED PUBLICATIONS

SYMBOLS AND OTHER USAGES

8 Irregular influences that are highly volatile can make it difficult to interpret the series even after adjustment for seasonal variation.

9 Extreme care should be exercised in using the seasonally adjusted series for new motor vehicle registrations in Tasmania, the Northern Territory and the Australian Capital Territory. The small numbers and volatile nature of these data makes reliable estimation of the seasonal pattern very difficult.

10 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.

11 Seasonal adjustment factors are analysed and revised as necessary annually.
12 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.

13 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 Interpreting Time Series-Monitoring 'Trends'-an Overview (Cat. no. 1348.0) or contact the Assistant Director, Time Series Analysis on (02) 62526345 .

14 For a more detailed break-up of the monthly figures presented here, enquiries should be made to Henry Zuk on 0732226125 or to any ABS office. Additional statistics, including registrations of trailers and caravans, are also available in the Special Data Service, New Motor Vehicle Registrations, Australia (9303.0.40.003). Data on total vehicle registrations are published annually in Motor Vehicle Census, Australia, 31 October 1999 (Cat. no. 9309.0).
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 Vehicles constructed for the carriage of passengers. Included are all passenger vehicles with 10 seats or more, including the driver's seat.

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

Registrations

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.

