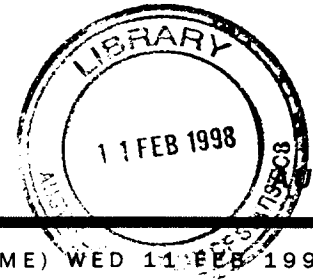




**MANUFACTURING
PRODUCTION**



STRALIA

EMBARGO: 11:30AM (CANBERRA TIME) WED 11 FEB 1998

DECEMBER QTR KEY FIGURES

| | <i>Trend indicators available no.</i> | <i>% rising</i> | <i>% falling</i> | <i>% stable</i> |
|---------------------|---|-----------------|------------------|-----------------|
| 1997 | | | | |
| June qtr | 28 | 61 | 21 | 18 |
| September qtr | 28 | 50 | 25 | 25 |
| December qtr | 14 | 57 | 14 | 29 |

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INQUIRIES

- For more information about these and related statistics, contact John Ridley on Sydney (02) 9268 4541 or refer to the back cover of this publication.



NOTES

FORTHCOMING ISSUES

| ISSUE | RELEASE DATE |
|------------------------|------------------|
| March quarter 1998 | 13 May 1998 |
| June quarter 1998 | 12 August 1998 |
| September quarter 1998 | 14 November 1998 |

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IN THIS ISSUE

This publication presents quarterly estimates of selected major indicators of manufacturing production for Australia.

This issue of the publication is the second in the new quarterly series, whereby a significantly reduced number of data items is collected and published as quarterly data series. Some additional manufacturing production data items are collected by the Australian Bureau of Statistics (ABS) and are available to users as a special data service, as are monthly series for a limited number of the data items contained in this publication. These data items are listed in paragraph 19 of the Explanatory Notes on page 7. In addition, production data for some other commodities are collected annually. Summary data for these commodities will be published in the June quarter publication each year.

.....

EFFECTS OF ROUNDING

Estimates of change shown in this publication have been calculated using unrounded estimates and may be different from, but are more accurate than, movements obtained from the rounded estimates.

.....

SYMBOLS AND OTHER USAGES

| | |
|--------|--|
| ABARE | Australian Bureau of Agricultural and Resource Economics |
| ABS | Australian Bureau of Statistics |
| ADC | Australian Dairy Corporation |
| DPIE | Department of Primary Industries and Energy |
| n.p. | not publishable |
| n.y.a. | not yet available |
| r | figure or series revised since previous issue |
| — | nil or rounded to zero |

.....

T. J. Skinner
Acting Australian Statistician

1 COMMODITY PRODUCTION: All series(a)

| No. | Item and unit/Series | 1995... 1996..... 1997..... | | | | | | | | Percentage changes between latest quarter shown and.... | | |
|-----|---|-----------------------------|--------|--------|---------|---------|---------|---------|--------|---|------------------|-------------------------------|
| | | Dec | Mar | Jun | Sep | Dec | Mar | Jun | Sep | Dec | prev. quarter | same quarter prev. year |
| | Red meat ('000 tonnes) | | | | | | | | | | | |
| | Original | 664 | 669 | 661 | 633 | 669 | 675 | r743 | r732 | 735 | 0.5 | 10.0 |
| | Seasonally adjusted | 660 | 681 | 655 | 637 | 656 | 708 | r727 | r731 | 724 | -1.0 | 10.3 |
| | Trend | 665 | 675 | 658 | 639 | 660 | 706 | 727 | 726 | 725 | -0.1 | 9.8 |
| | Chicken meat ('000 tonnes) | | | | | | | | | | | |
| | Original | 121 | 122 | 118 | 123 | 127 | 122 | 125 | 135 | 137 | 1.5 | 8.0 |
| | Seasonally adjusted | 119 | 122 | 120 | 123 | 125 | 122 | 127 | 135 | 134 | -0.4 | 7.4 |
| | Trend | 120 | 121 | 120 | 123 | 125 | 123 | 128 | 134 | 134 | 0.2 | 7.6 |
| | Cheese (tonnes) | | | | | | | | | | | |
| | Original | 91 928 | 66 327 | 48 063 | 58 108 | 95 264 | 75 575 | 56 004 | 58 790 | n.y.a. | 5.0 | 1.2 |
| | Seasonally adjusted | 65 333 | 63 676 | 70 215 | 66 970 | 67 762 | 72 572 | 81 524 | 67 798 | n.y.a. | -16.8 | 1.2 |
| | Trend | 65 789 | 66 320 | 66 967 | 67 532 | 70 132 | 73 210 | 74 834 | 73 904 | n.y.a. | -1.2 | 9.4 |
| | Butter (tonnes) | | | | | | | | | | | |
| | Original | 55 871 | 39 838 | 24 608 | r31 850 | r58 082 | r35 352 | r21 665 | 31 666 | n.y.a. | 46.2 | -0.6 |
| | Seasonally adjusted | 34 992 | 38 258 | 41 867 | 41 054 | 36 407 | 34 010 | 36 750 | 40 802 | n.y.a. | 11.0 | -0.6 |
| | Trend | 35 229 | 38 617 | 40 863 | 39 959 | 37 042 | 35 710 | 36 863 | 39 013 | n.y.a. | 5.8 | -2.4 |
| | Beer (megalitres) | | | | | | | | | | | |
| | Original | 520 | 409 | 398 | 398 | 507 | 432 | 398 | 406 | 526 | 29.5 | 3.7 |
| | Seasonally adjusted | 443 | 422 | 432 | 424 | 428 | 451 | 433 | 433 | 442 | 1.9 | 3.2 |
| | Trend | 437 | 431 | 425 | 427 | 434 | 438 | 438 | 437 | 437 | — | 0.7 |
| | Tobacco and cigarettes (tonnes) | | | | | | | | | | | |
| | Original | 4 739 | 4 275 | 5 239 | 6 293 | 5 575 | 4 802 | 5 523 | 5 708 | 4 821 | -15.5 | -13.5 |
| | Seasonally adjusted | 4 772 | 4 768 | 5 302 | 5 544 | 5 641 | 5 453 | 5 575 | 4 987 | 4 833 | -3.1 | -14.3 |
| | Trend | 4 889 | 5 006 | 5 187 | 5 494 | 5 623 | 5 568 | 5 371 | 5 114 | 4 879 | -4.6 | -13.2 |
| | Newsprint ('000 tonnes) | | | | | | | | | | | |
| | Original | 112 | 115 | 111 | 111 | 102 | 104 | 105 | 104 | 96 | -7.9 | -5.7 |
| | Seasonally adjusted | 116 | 112 | 108 | 112 | 106 | 101 | 102 | 107 | 98 | -8.3 | -7.6 |
| | Trend | 113 | 112 | 111 | 109 | 106 | 104 | 103 | 103 | 102 | -0.8 | -4.0 |
| | Wood pulp ('000 tonnes) | | | | | | | | | | | |
| | Original | 247 | 242 | 244 | 231 | 244 | 239 | 235 | 233 | 250 | 7.3 | 2.7 |
| | Seasonally adjusted | 246 | 242 | 241 | 234 | 244 | 239 | 232 | 236 | 251 | 6.3 | 2.9 |
| | Trend | 248 | 242 | 239 | 239 | 239 | 237 | 236 | 239 | 244 | 2.1 | 1.9 |
| | Undressed sawn timber ('000 m ³) | | | | | | | | | | | |
| | Original | 840 | 807 | 846 | r924 | 809 | 777 | r872 | 889 | n.y.a. | 1.9 | -3.8 |
| | Seasonally adjusted | 851 | 855 | 839 | r871 | 821 | 821 | r866 | 837 | n.y.a. | -3.3 | -3.9 |
| | Trend | 863 | 851 | 850 | 844 | 837 | 836 | 841 | 851 | n.y.a. | 1.1 | 0.8 |
| 0 | Hardwood woodchips ('000 tonnes) | | | | | | | | | | | |
| | Original | 1 203 | 1 163 | 1 128 | 1 128 | 1 220 | 1 106 | 1 325 | 1 402 | 1 362 | -2.9 | 11.7 |
| | Seasonally adjusted | 1 212 | 1 205 | 1 117 | 1 094 | 1 228 | 1 143 | 1 311 | 1 363 | 1 370 | 0.5 | 11.6 |
| | Trend | 1 225 | 1 171 | 1 137 | 1 130 | 1 155 | 1 216 | 1 281 | 1 342 | 1 397 | 4.1 | 20.9 |
| 1 | Automotive gasoline (megalitres) | | | | | | | | | | | |
| | Original | 4 551 | 4 553 | 4 682 | 4 596 | 4 378 | 4 455 | 4 655 | 4 622 | n.y.a. | -0.7 | 0.6 |
| | Seasonally adjusted | 4 611 | 4 552 | 4 663 | 4 515 | 4 455 | 4 506 | 4 634 | 4 532 | n.y.a. | -2.2 | 0.4 |
| | Trend | 4 569 | 4 607 | 4 591 | 4 530 | 4 500 | 4 520 | 4 562 | 4 574 | n.y.a. | 0.3 | 1.0 |
| 2 | Fuel oil (megalitres) | | | | | | | | | | | |
| | Original | 529 | 394 | 431 | 433 | 422 | 455 | 485 | 460 | n.y.a. | -5.2 | 6.0 |
| | Seasonally adjusted | 540 | 401 | 437 | 411 | 433 | 461 | 491 | 436 | n.y.a. | -11.2 | 6.1 |
| | Trend | 518 | 450 | 413 | 415 | 440 | 458 | 467 | 461 | n.y.a. | -1.2 | 11.1 |
| 3 | Aviation turbine fuel (megalitres) | | | | | | | | | | | |
| | Original | 1 292 | 1 264 | 1 129 | 1 259 | 1 383 | 1 412 | 1 230 | 1 370 | n.y.a. | 11.4 | 8.8 |
| | Seasonally adjusted | 1 235 | 1 255 | 1 192 | 1 262 | 1 321 | 1 399 | 1 296 | 1 375 | n.y.a. | 6.1 | 8.9 |
| | Trend | 1 230 | 1 229 | 1 229 | 1 266 | 1 318 | 1 349 | 1 352 | 1 350 | n.y.a. | -0.1 | 6.6 |
| 4 | Automotive diesel oil (megalitres) | | | | | | | | | | | |
| | Original | 3 086 | 2 982 | 3 164 | 3 075 | 3 277 | 3 362 | 3 253 | 3 193 | n.y.a. | -1.8 | 3.8 |
| | Seasonally adjusted | 3 037 | 3 017 | 3 161 | 3 090 | 3 212 | 3 471 | 3 244 | 3 153 | n.y.a. | -2.8 | 2.0 |
| | Trend | 3 023 | 3 062 | 3 086 | 3 159 | 3 266 | 3 317 | 3 291 | 3 215 | n.y.a. | -2.3 | 1.8 |

) Trend estimates shown may have been revised. See paragraph 15 of the Explanatory Notes on page 6.

| No. | Item and unit/Series | 1995... 1996..... 1997..... | | | | | | | | | Percentage changes between latest quarter shown and.... | | |
|-----------|---|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---|-------------------------------|--|
| | | Dec | Mar | Jun | Sep | Dec | Mar | Jun | Sep | Dec | prev. quarter | same quarter prev. year | |
| | | | | | | | | | | | | | |
| 15 | Portland cement ('000 tonnes) | | | | | | | | | | | | |
| | Original | 1 545 | 1 526 | 1 593 | 1 706 | 1 699 | 1 511 | 1 785 | 1 826 | 1 830 | 0.2 | 7.8 | |
| | Seasonally adjusted | 1 533 | 1 670 | 1 576 | 1 587 | 1 666 | 1 678 | 1 765 | 1 700 | 1 818 | 7.0 | 9.1 | |
| | Trend | 1 593 | 1 594 | 1 600 | 1 610 | 1 645 | 1 694 | 1 724 | 1 753 | 1 785 | 1.8 | 8.5 | |
| 16 | Clay bricks (million) | | | | | | | | | | | | |
| | Original | 370 | 310 | 358 | 379 | 369 | 330 | 390 | 416 | 383 | -8.0 | 3.9 | |
| | Seasonally adjusted | 369 | 339 | 345 | 360 | 365 | 368 | 376 | 392 | 384 | -2.0 | 5.3 | |
| | Trend | 366 | 347 | 346 | 355 | 364 | 370 | 378 | 385 | 390 | 1.3 | 7.2 | |
| 17 | Ready mixed concrete ('000 m ³) | | | | | | | | | | | | |
| | Original r | 3 561 | 3 473 | 3 568 | 3 922 | 3 989 | 3 534 | 4 099 | 4 252 | 4 390 | 3.3 | 10.0 | |
| | Seasonally adjusted r | 3 465 | 3 802 | 3 557 | 3 713 | 3 886 | 3 867 | 4 086 | 4 025 | 4 278 | 6.3 | 10.1 | |
| | Trend | 3 620 | 3 622 | 3 659 | 3 725 | 3 819 | 3 931 | 4 013 | 4 111 | 4 218 | 2.6 | 10.5 | |
| 18 | Basic iron, spiegeleisen and sponge iron ('000 tonnes) | | | | | | | | | | | | |
| | Original | 1 912 | 1 876 | 1 854 | 1 917 | 1 734 | 1 804 | 1 891 | 1 966 | 2 025 | 3.0 | 16.8 | |
| | Seasonally adjusted | 1 912 | 1 914 | 1 850 | 1 834 | 1 760 | 1 840 | 1 890 | 1 924 | 2 034 | 5.7 | 15.6 | |
| | Trend | 1 894 | 1 902 | 1 862 | 1 814 | 1 799 | 1 824 | 1 882 | 1 948 | 2 002 | 2.7 | 11.2 | |
| 19 | Blooms and slabs of iron or steel ('000 tonnes) | | | | | | | | | | | | |
| | Original | 2 023 | 1 944 | 1 956 | 1 996 | 1 877 | 1 948 | 1 954 | 2 108 | 2 075 | -1.5 | 10.6 | |
| | Seasonally adjusted | 2 012 | 1 989 | 1 968 | 1 948 | 1 872 | 1 989 | 1 969 | 2 059 | 2 071 | 0.6 | 10.7 | |
| | Trend | 1 994 | 1 998 | 1 964 | 1 931 | 1 922 | 1 947 | 1 996 | 2 041 | 2 069 | 1.4 | 7.6 | |
| 20 | Alumina ('000 tonnes) | | | | | | | | | | | | |
| | Original | 3 297 | 3 319 | 3 348 | 3 341 | 3 341 | 3 201 | 3 370 | 3 429 | n.y.a. | 1.8 | 2.6 | |
| | Seasonally adjusted | 3 315 | 3 327 | 3 342 | 3 304 | 3 315 | 3 279 | 3 363 | 3 358 | n.y.a. | -0.2 | 1.6 | |
| | Trend | 3 318 | 3 327 | 3 330 | 3 314 | 3 302 | 3 313 | 3 337 | 3 359 | n.y.a. | 0.7 | 1.4 | |
| 21 | Zinc ('000 tonnes) | | | | | | | | | | | | |
| | Original | 85 | 81 | 82 | 82 | 81 | 77 | 79 | 73 | n.y.a. | -7.6 | -11.0 | |
| | Seasonally adjusted | 85 | 84 | 80 | 81 | 81 | 80 | 78 | 72 | n.y.a. | -6.8 | -11.0 | |
| | Trend | 84 | 83 | 82 | 81 | 81 | 79 | 77 | 75 | n.y.a. | -2.7 | -7.8 | |
| 22 | Silver (tonnes) | | | | | | | | | | | | |
| | Original | 75 | 90 | 97 | 84 | 85 | 84 | 87 | 58 | n.y.a. | -33.3 | -31.0 | |
| | Seasonally adjusted | 80 | 90 | 90 | 85 | 91 | 83 | 81 | 59 | n.y.a. | -27.1 | -30.9 | |
| | Trend | 86 | 87 | 88 | 89 | 88 | 84 | 76 | 68 | n.y.a. | -10.2 | -23.7 | |
| 23 | Copper ('000 tonnes) | | | | | | | | | | | | |
| | Original | 63 | 62 | 82 | 84 | 83 | 62 | 76 | 75 | n.y.a. | -1.3 | -10.7 | |
| | Seasonally adjusted | 65 | 67 | 81 | 77 | 86 | 67 | 74 | 68 | n.y.a. | -8.2 | -10.8 | |
| | Trend | 66 | 71 | 76 | 80 | 79 | 75 | 71 | 68 | n.y.a. | -4.3 | -15.0 | |
| 24 | Lead ('000 tonnes) | | | | | | | | | | | | |
| | Original | 56 | 54 | 56 | 44 | 50 | 52 | 56 | 50 | n.y.a. | -10.7 | 13.6 | |
| | Seasonally adjusted | 54 | 54 | 55 | 47 | 48 | 52 | 55 | 53 | n.y.a. | -3.2 | 13.8 | |
| | Trend | 56 | 55 | 52 | 49 | 49 | 51 | 54 | 54 | n.y.a. | 1.2 | 9.7 | |
| 25 | Tin (tonnes) | | | | | | | | | | | | |
| | Original | 160 | 90 | 135 | 100 | 135 | 160 | 175 | 145 | n.y.a. | -17.1 | 45.0 | |
| | Seasonally adjusted | n.p. | n.p. | n.p. | n.p. | n.p. | n.p. | n.p. | n.p. | n.y.a. | n.p. | n.p. | |
| | Trend | 148 | 129 | 103 | 121 | 145 | 156 | 160 | 162 | n.y.a. | 1.6 | 34.3 | |
| 26 | Gold (tonnes) | | | | | | | | | | | | |
| | Original | 75 | 85 | 83 | 81 | 81 | 85 | 80 | 85 | n.y.a. | 6.3 | 5.4 | |
| | Seasonally adjusted | 78 | 84 | 82 | 79 | 84 | 84 | 79 | 84 | n.y.a. | 5.4 | 5.4 | |
| | Trend | 79 | 81 | 82 | 82 | 82 | 83 | 82 | 82 | n.y.a. | -0.4 | -0.3 | |
| 27 | Electricity (million kWh) | | | | | | | | | | | | |
| | Original | 40 452 | 41 076 | 42 122 | 43 742 | 40 761 | 41 011 | 42 901 | 45 521 | 43 461 | -4.5 | 6.6 | |
| | Seasonally adjusted | 41 593 | 42 345 | 41 927 | 41 568 | 41 885 | 42 285 | 42 697 | 43 276 | 44 645 | 3.2 | 6.6 | |
| | Trend | 41 877 | 41 987 | 41 916 | 41 786 | 41 850 | 42 187 | 42 763 | 43 495 | 44 320 | 1.9 | 5.9 | |
| 28 | Gas (petajoules) | | | | | | | | | | | | |
| | Original | 145 | 133 | 162 | 184 | 146 | 135 | 171 | 183 | 151 | -17.5 | 3.4 | |
| | Seasonally adjusted | 156 | 158 | 154 | 157 | 157 | 161 | 163 | 156 | 162 | 3.8 | 3.3 | |
| | Trend | 156 | 156 | 156 | 156 | 158 | 160 | 160 | 160 | 160 | -0.1 | 1.2 | |

(a) Trend estimates shown may have been revised. See paragraph 15 of the Explanatory Notes on page 6.

EXPLANATORY NOTES

INTRODUCTION

1 This publication presents quarterly estimates of production of selected major manufacturing commodities for Australia.

SCOPE AND COVERAGE

2 Data presented in this publication are collected from a number of different sources. The prime source is the ABS surveys of manufacturing production. Data are also obtained from surveys undertaken by the Department of Primary Industries and Energy (DPIE), the Australian Bureau of Agricultural and Resource Economics (ABARE), the Australian Dairy Corporation (ADC) and from ABS agriculture collections. Scope and coverage varies slightly depending on the source of the information.

3 Where production statistics are collected by the ABS manufacturing production surveys, they are not collected from single establishment manufacturing businesses with less than four persons employed nor from establishments predominantly engaged in non-manufacturing activities but which may carry out some manufacturing in a minor way. However, in general, the contribution of these small producers to statistical aggregates is only marginal and data contained in this publication provide reliable information for the evaluation of movements in commodity production.

4 The statistics on meat production include data collected from abattoirs and other major slaughtering establishments and include estimates of animals slaughtered on farms and by country butchers and other small slaughtering establishments for human consumption. Further information about this series, including more detail, is available in the monthly publication *Livestock Products, Australia* (Cat. no. 7215.0).

5 The statistics on chicken meat have been collected from commercial poultry slaughtering establishments. Producers in Tasmania, the Northern Territory and the Australian Capital Territory and the very small producers are excluded from the collection. Further information about this series, including more detail, is available in the monthly publication *Livestock Products, Australia* (Cat. no. 7215.0).

6 Data on the production of base metals and sawn timber are obtained from the ABARE publication *Mineral Statistics* and as unpublished data.

7 Data on the production of fuels are obtained from the DPIE Petroleum and Fisheries Division publication *Australian Petroleum Statistics*, from July 1996. Previously, these data were obtained from ABARE.

8 Data on the production of cheese and butter are obtained from the ADC publication *Dairystats*.

COMPARABILITY WITH OTHER ESTIMATES

9 The ABS publishes quarterly estimates of constant price manufacturing production in the publication *Indexes of Industrial Production, Australia* (Cat. no. 8125.0). These estimates are shown as index numbers and are derived mainly from estimates of manufacturers' sales and stocks. Details of manufacturers' sales and stocks are published quarterly in *Stocks and Sales, Selected Industries, Australia* (Cat. no. 5629.0).

10 The production statistics referred to in paragraph 1 account, in total, for less than one-quarter of the output of the manufacturing sector. For information on general trends in the manufacturing sector, refer to the publications shown in paragraph 9.

EXPLANATORY NOTES *continued*

.....

COMPARABILITY WITH OTHER ESTIMATES *continued*

11 Details for the annual manufacturing collection are published in *Manufacturing Industry, Australia* (Cat. no. 8221.0) and corresponding State publications.

SEASONALLY ADJUSTED AND TREND ESTIMATES

12 In the seasonal adjustment process, 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 quarter) which may, in successive years, affect figures for different quarters. Details of the methods used in seasonally adjusting these series are available on request.

13 Seasonal adjustment procedures do not aim to remove the irregular or non-seasonal influences which may be present in any particular quarter, such as the non-systematic effect of strikes, holiday shutdowns, providers' inconsistent reporting periods (where, for example, a 'quarter' may variously represent 13 or 14 weeks production), or other factors which vary with the prevailing demand for products. Irregular influences that are highly volatile can make it difficult to interpret the movement of the series even after seasonal adjustment. Seasonally adjusted estimates of production for the series 12 Fuel oil, 21 Zinc, and 26 Gold are more volatile than other series. Seasonally adjusted estimates for 25 Tin are not sufficiently reliable to be published.

14 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 7-term moving average to the quarterly seasonally adjusted series. The 7-term Henderson averages (like all Henderson averages) are symmetric but, as the end of a time series is approached, asymmetric forms of the average are applied. Unlike the weights of the standard 7-term Henderson moving average, the surrogate weights employed with the quarterly data have been tailored to suit the particular characteristics of individual series.

15 While the asymmetric weights enable trend estimates for recent quarters to be produced, it does result in revisions to the estimates for the most recent quarters as additional observations become available. Generally, subsequent revisions become smaller and after two quarters have little impact on the series. There will also be revisions as a result of changes to the original estimates and annual reviews of seasonal and 'working day' factors.

16 Users may wish to refer to the ABS' *Information Paper: A Guide to Interpreting Time Series — Monitoring 'Trends', an Overview* (Cat. no. 1348.0) for more detailed information on smoothing of seasonally adjusted time series data.

GENERAL ACKNOWLEDGEMENTS

17 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Unpublished information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

RELATED PUBLICATIONS

18 Other ABS publications which may be of interest are:

- *Australian Mining Industry* (Cat. no. 8414.0) issued annually
- *Indexes of Industrial Production, Australia* (Cat. no. 8125.0) issued quarterly
- *Information Paper: Availability of Statistics Related to Manufacturing, 1997* (Cat. no. 8205.0), released on 16 January 1998
- *Livestock Products, Australia* (Cat. no. 7215.0) issued monthly
- *Manufacturing Industry, Australia* (Cat. no. 8221.0) issued annually
- *Manufacturing Industry, Australia: Preliminary* (Cat. no. 8201.0) issued annually
- *Manufacturing Production, Australia: Principal Commodities Produced, 1993-94* (Cat. no. 8365.0), released on 6 August 1997
- *Manufacturing Production, Australia: Principal Commodities Produced, 1995-96* (Cat. no. 8365.0), to be released in March 1998
- *Stocks and Sales, Selected Industries, Australia* (Cat. no. 5629.0) issued quarterly

UNPUBLISHED STATISTICS

19 Additional manufacturing production data are collected by the ABS through user funded surveys and are available to users as a special data service. These series are:

audio cassette tapes
 audio compact discs
 beer
 brass bars, rods and sections
 cars and station wagons
 children's footwear
 clay bricks
 clothes drying machines
 concrete blocks, bricks and pavers
 cotton broadwoven fabric
 cotton yarn
 domestic clothes washing machines
 domestic cooking stoves, ovens and ranges
 domestic deep-freezers
 domestic refrigerators
 foundation garments and swimwear
 gas
 hosiery
 knitted and woven sleepwear
 knitted cardigans, jumpers, sweatshirts and sloppy-joes
 knitted or crocheted fabrics
 knitted underwear
 malt
 man-made fibre broadwoven fabric
 men's and boys' long trousers and shorts
 men's and boys' shirts
 men's complete suits and men's and boys' woven coats
 men's footwear
 mowers
 other clothing (excluding those listed here)

EXPLANATORY NOTES *continued*

UNPUBLISHED STATISTICS *continued*

Portland cement
ready mixed concrete
rigid PVC tubes, pipes and hoses
roofing tiles
scoured and carbonised wool
space heaters
starches, wheat gluten and glucose
synthetic fibre yarn
textile floor coverings
unlaminated particle board
water heaters
women's and girls' woven coats, blazers, jackets, overalls, slacks and other long trousers
women's footwear
women's shirts and blouses
wool and man-made fibre tops
wool broadwoven fabric
wool yarn

For further information, please call John Ridley on Sydney (02) 9268 4541 or by email through the Internet to john.ridley@abs.gov.au.

CURRENT PUBLICATIONS

20 Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

APPENDIX CLARIFICATION OF TERMS

.....

- 1 **Red meat** Includes veal, pork and buffalo.
- 2 **Chicken meat** Expressed in the dressed weight of whole birds, pieces and giblets.
- 3 **Cheese** Includes fresh cheeses such as ricotta, cottage, cream and quark.
- 4 **Butter** Includes direct butter oil.
- 5 **Beer** Includes ale and stout; excludes low alcohol beer containing less than 1.15% but more than 0.5%, by volume of alcohol.
- 6 **Tobacco and cigarettes** Includes those containing tobacco substitutes.
- 7 **Newsprint** Excludes directory paper, mechanical and printing paper.
- 8 **Wood pulp** Expressed as air-dried weight.
- 9 **Undressed sawn timber** Expressed in terms of green off saw volumes.
- 10 **Hardwood woodchips** Expressed as greenweight; excludes chips which are not sold or are used in own works.
- 11 **Automotive gasoline** Produced by Australian refineries from imported and indigenous petroleum.
- 12 **Fuel oil** Oils derived from the distillation of petroleum which are generally used for domestic heating or fuelling furnaces; produced by Australian refineries from imported and indigenous petroleum.
- 13 **Aviation turbine fuel** Produced by Australian refineries from imported and indigenous petroleum.
- 14 **Automotive diesel oil** Produced by Australian refineries from imported and indigenous petroleum.
- 15 **Portland cement** Includes blended Portland cement. Excludes both Portland cement clinker and Portland cement used to make blended Portland cement in-house.
- 16 **Clay bricks** Saleable bricks (of all sizes) removed from kiln; excludes firebricks and bricks for other than structural purposes.
- 17 **Ready mixed concrete** Excludes production used or for use within the same business.
- 18 **Basic iron, spiegeleisen and sponge iron** In pigs, blocks and other primary forms; includes pig iron. This item comprises production of BHP Steel only.
- 19 **Blooms and slabs of iron or steel** Continuous cast; includes steel in the molten state. This item comprises production of BHP Steel only.
- 20 **Alumina** Aluminium oxide.
- 21 **Zinc** Primary origin only.
- 22 **Silver** Refined.
- 23 **Copper** Primary origin only.

APPENDIX CLARIFICATION OF TERMS *continued*

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- 24 **Lead** Includes lead content of lead from primary sources.
- 25 **Tin** Primary origin only.
- 26 **Gold** From primary and secondary sources.
- 27 **Electricity** Excludes purchases or transfers in of electricity.
- 28 **Gas** Gas (including natural gas) available for issue through mains. From September quarter 1996, includes gas production for distribution via natural gas pipelines which service a single user.





FOR MORE INFORMATION . . .

For more information . . .

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