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PRODUCTION BULLETIN NO. 5: BUILDING MATERIALS AND FITTINGS AUSTRALIA, MARCH 1984

PHONE INQUIRIES *for more information about these statistics*—contact Sue Gumprich on Canberra (062) 52 5558 or any of our State offices.

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EXPLANATORY NOTES

Introduction

This publication is one of a series of eight containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 7 below.

2. Data contained in these publications are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Where another authority is the source this is indicated in a footnote.

Classification

3. Most items are identified by Commodity Codes of the Commodity Classification used in Australian manufacturing statistics. However, in cases where data are derived from sources other than ABS collections no commodity code is shown. Furthermore, combinations of commodities are arranged so as to align production data with import and export commodity items in accordance with the Australian Standard Commodity Classification (ASCC). For further information regarding the ASCC, see the ABS publication *Australian Standard Commodity Classification, Part 1, Introduction, Summary Classification and Commodity Keys* (1207.0).

Scope and coverage

4. Production statistics collected by the ABS exclude production by single establishment manufacturing enterprises employing less than four persons 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.

5. Annual figures shown 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

6. This publication contains seasonally adjusted statistics of several items. In the seasonal adjustment, account has been taken not only of normal seasonal factors but also of 'trading-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. Details of the methods used in seasonally adjusting these and other series are given in *Seasonally Adjusted Indicators, Australia* (1308.0).

Related publications

7. Other ABS publications which may be of interest are:

Production Bulletin No. 1: Electrical Appliances, Australia (8357.0)—issued monthly

Production Bulletin No. 2: Clothing and Footwear, Australia (8358.0)—issued monthly

Production Bulletin No. 3: Food, Drink and Tobacco, Australia (8359.0)—issued monthly

Production Bulletin No. 4: Textiles, Bedding and Floor Coverings, Australia (8360.0)—issued monthly

Production Bulletin No. 6: Chemicals and By-products, Australia (8362.0)—issued monthly

Production Bulletin No. 7: Motor Vehicles, Parts and Accessories, Australia (8363.0)—issued quarterly

Production Bulletin No. 8: Miscellaneous Products, Australia (8364.0)—issued monthly

Manufacturing Commodities Selected Principal Articles Produced, Australia, 1981-82 (8365.0) (Preliminary)

Manufacturing Commodities, Principal Articles Produced, Australia, 1980-81 and 1981-82 (8303.0)

8. Current publications produced by the ABS are listed in the *Catalogue of Publications, 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)

n.y.a. not yet available

.. not applicable

— nil or rounded to zero

— break in continuity of series (where a line is drawn between two consecutive figures in the same column)

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Australian Statistician

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PORTLAND CEMENT, MINERAL WOOL

| Period | Portland cement | | Bonded mineral wool(a) | |
|------------------------|----------------------|-------------------------------|---|---|
| | Original (474.02) | Seasonally adjusted (b) | Glass (excl. sectional pipe insulation) (479.01) | Other (excl. sectional pipe insulation) (479.02) |
| | — '000 tonnes— | | —tonnes— | |
| 1980-81 | 5,734 | .. | 15,057 | 10,335 |
| 1981-82 | 6,086 | .. | 15,854 | 10,404 |
| 1982-83 | 5,076 | .. | 15,638 | 11,173 |
| 1983— | | | | |
| February | 389 | 401 | 1,096 | 764 |
| March | 429 | 405 | 1,409 | 1,077 |
| April | 348 | 342 | 979 | 776 |
| May | 389 | 364 | 1,408 | 1,069 |
| June | 421 | 416 | 1,442 | 982 |
| July | 410 | 376 | 1,429 | 884 |
| August | 419 | 406 | 1,430 | 1,145 |
| September | 450 | 447 | 1,614 | 997 |
| October | 433 | 418 | 1,403 | 1,000 |
| November | 446 | 424 | 1,477 | 1,267 |
| December | 434 | 442 | 1,222 | 923 |
| 1984— | | | | |
| January | 244 | 367 | 786 | 264 |
| February | 451 | 456 | 1,245 | 1,200 |
| March | 471 | 439 | 1,428 | 946 |
| 1982-83 : July to Mar. | 3,918 | .. | 11,809 | 8,346 |
| 1983-84 : July to Mar. | 3,758 | .. | 12,034 | 8,626 |

LIGNOCELLULOSE AND DECORATIVE SURFACED BOARDS AND SHEETS

| Period | Lignocellulose boards and sheets(c) | | Decorative surfaced boards and sheets(d) | | Plastic building materials | |
|------------------------|--|---------------------------|---|--|----------------------------|--|
| | Particle board resin bonded(c) | Seasonally adjusted(h) | On particle board (425.08) | Decorative laminated high pressure (425.01) | Profile sheet(f) | |
| | Original (336.12) | | | | (425.19) | |
| — '000 cu.m— | | | — '000 sq.m— | | | |
| 1980-81 | 702 | .. | 7,807 | (e)4,320 | 2,391 | |
| 1981-82 | 678 | .. | 8,849 | (e)4,354 | 2,506 | |
| 1982-83 | 566 | .. | 7,646 | 3,578 | 2,436 | |
| 1983— | | | | | | |
| February | 52.9 | 48.5 | 630 | 278 | 246 | |
| March | 59.1 | 48.1 | 732 | 269 | 229 | |
| April | 46.4 | 49.6 | 724 | 332 | 170 | |
| May | 52.9 | 51.3 | 782 | 327 | 216 | |
| June | 57.1 | 51.2 | 710 | 369 | 204 | |
| July | 51.8 | 49.4 | 645 | 359 | 215 | |
| August | 61.5 | 50.6 | 764 | 319 | 244 | |
| September | 56.7 | 54.4 | 895 | 409 | 285 | |
| October | 59.8 | 55.4 | 928 | 387 | 234 | |
| November | 64.7 | 58.3 | 1,036 | 395 | 294 | |
| December | 40.4 | 54.9 | 618 | 460 | 222 | |
| 1984— | | | | | | |
| January | 21.4 | 59.6 | 313 | 241 | 183 | |
| February | 62.3 | 51.3 | 955 | 319 | 234 | |
| March | 59.8 | 53.5 | 912 | 487 | 240 | |
| 1982-83 : July to Mar. | 409 | .. | 5,430 | 2,551 | 1,847 | |
| 1983-84 : July to Mar. | 478 | .. | 7,065 | 3,376 | 2,149 | |

(a) Includes rock, slag glass wool, etc. (b) See paragraph 6 of Explanatory notes. (c) Original forming of boards and sheets including special compositions. Includes board and sheet for subsequent conversion to other purposes in the same establishment as well as for sale or transfer out. (d) Excludes decorative laminated sheets simply bonded by means of an adhesive to a substrate. (e) Prior to July 1982 includes low pressure type. (f) Corrugated, etc. (including fibreglass reinforced).

PLASTER SHEETS, CONCRETE PRODUCTS AND SAWN TIMBER

| Period | Plaster sheets (479.32.33) | Concrete blocks(a) (475.27) | Concrete box culverts (475.60) | Sawn Australian grown timber(b) (331.01-19) |
|------------------------|-------------------------------|--------------------------------|-----------------------------------|--|
| | '000 sq. m— | million | tonnes | '000 cu. m |
| 1980-81 | 61,132 | 88.9 | 120,036 | 3,308 |
| 1981-82 | 60,060 | 97.0 | 119,188 | 3,219 |
| 1982-83 | 49,879 | 82.0 | 115,059 | 2,962 |
| 1983— | | | | |
| February | 3,741 | 6.76 | 10,443 | 637 |
| March | 4,433 | 6.88 | 13,011 | |
| April | 3,365 | 5.68 | 10,058 | |
| May | 4,188 | 6.56 | 11,275 | 769 |
| June | 4,799 | 6.57 | 10,299 | |
| July | 4,458 | 6.40 | 9,646 | |
| August | 5,361 | 7.31 | 7,817 | 701 |
| September | 4,484 | 7.60 | 7,210 | |
| October | 4,785 | 7.04 | 7,978 | |
| November | 6,287 | 8.05 | 9,937 | 644 |
| December | 4,316 | 6.01 | 6,723 | |
| 1984— | | | | |
| January | 2,797 | 3.94 | 4,649 | |
| February | 6,216 | 7.09 | 9,608 | 610 |
| March | 5,487 | 7.70 | 11,014 | |
| 1982-83 : July to Mar. | 37,527 | 63.2 | 83,387 | 2,193 |
| 1983-84 : July to Mar. | 44,191 | 61.2 | 74,582 | 1,955 |

READY MIXED CONCRETE(c)

| Period | N. S. W. | Vic. | Qld | S. A. | W. A. (475.90) | Tas. | A. C. T. | N. T. | Australia |
|------------------------|-------------|-------|-------|-------|-------------------|------|----------|-------|-----------|
| | '000 cu. m— | | | | | | | | |
| 1980-81 | 4,123 | 2,610 | 2,849 | 862 | 1,151 | 250 | 137 | 134 | 12,116 |
| 1981-82 | 4,320 | 2,708 | 3,586 | 859 | 1,246 | 227 | 179 | 157 | 13,283 |
| 1982-83 | 3,401 | 2,279 | 2,886 | 833 | 931 | 208 | 194 | 153 | 10,885 |
| 1983— | | | | | | | | | |
| February | 244 | 173 | 235 | 60.7 | 70.8 | 17.0 | 15.7 | 11.2 | 828 |
| March | 285 | 203 | 249 | 76.8 | 77.2 | 20.9 | 17.8 | 11.2 | 941 |
| April | 230 | 176 | 159 | 65.1 | 68.6 | 19.8 | 14.8 | 12.4 | 745 |
| May | 245 | 203 | 186 | 77.6 | 75.4 | 18.1 | 15.9 | 14.1 | 835 |
| June | 276 | 195 | 220 | 80.4 | 73.8 | 15.7 | 16.6 | 15.1 | 893 |
| July | 291 | 185 | 243 | 65.7 | 73.3 | 15.8 | 22.4 | 14.7 | 910 |
| August | 335 | 209 | 256 | 78.8 | 82.2 | 16.2 | 24.7 | 14.5 | 1,016 |
| September | 316 | 190 | 267 | 78.0 | 79.2 | 16.0 | 22.1 | 15.3 | 983 |
| October | 243 | 206 | 255 | 84.4 | 78.8 | 12.6 | 19.4 | 16.1 | 915 |
| November | 311 | 215 | 265 | 91.8 | 88.3 | 18.0 | 22.2 | 14.5 | 1,025 |
| December | 258 | 207 | 227 | 76.7 | 77.4 | 16.0 | 16.1 | 13.3 | 891 |
| 1984— | | | | | | | | | |
| January | 182 | 131 | 192 | 53.6 | 57.7 | 9.4 | 8.8 | 9.0 | 644 |
| February | 270 | 230 | 251 | 87.2 | 81.5 | 9.2 | 24.1 | 8.7 | 962 |
| March | 323 | 232 | 279 | 93.1 | 84.2 | 21.3 | 23.6 | 14.9 | 1,072 |
| 1982-83 : July to Mar. | 2,650 | 1,706 | 2,321 | 610 | 713 | 155 | 146 | 112 | 8,412 |
| 1983-84 : July to Mar. | 2,529 | 1,804 | 2,235 | 709 | 703 | 134 | 183 | 121 | 8,418 |

(a) Expressed in terms of 400 mm x 200 mm. x 200 mm blocks. (b) Source: Forestry Branch, Department of Primary Industry. Quarterly figures are expressed in terms of green off saw volumes. (c) Reported production of ready mixed concrete for sale as such. Excludes production used, or for use, in the same establishment.

COMPLETE HOT WATER SYSTEMS(a)

| Period | Storage— displacement type | | | | Solar (b) (654.28) |
|------------------------|------------------------------------|----------------------------------|---------------------|-------------------|--------------------------|
| | Electric | | Gas | | |
| | Full mains pressure (654.11) | Constant pressure (654.12) | Natural (654.24) | Other (654.25) | |
| | —number— | | | | |
| 1981-82 | 206,734 | 21,338 | 62,135 | 18,976 | 48,806 |
| 1982-83 | 176,840 | 21,220 | 69,488 | 19,806 | 43,754 |
| 1983— | | | | | |
| February | 14,560 | 1,678 | 5,805 | 1,268 | 3,593 |
| March | 13,707 | 1,971 | 5,286 | 1,444 | 3,593 |
| April | 13,618 | 1,614 | 4,190 | 1,169 | 2,639 |
| May | 13,283 | 1,702 | 6,176 | 1,058 | 2,970 |
| June | 18,792 | 2,059 | 8,231 | 1,565 | 3,726 |
| July | 14,549 | 2,281 | 8,610 | 2,044 | 6,019 |
| August | 16,872 | 2,558 | 8,667 | 1,764 | 3,675 |
| September | 18,906 | 2,110 | 8,294 | 1,846 | 5,864 |
| October | 19,600 | 2,058 | 7,280 | n.p. | 4,262 |
| November | 21,810 | 1,696 | 7,386 | n.p. | 4,990 |
| December | 15,158 | 1,475 | 5,201 | n.p. | 3,247 |
| 1984— | | | | | |
| January | 2,461 | 1,032 | 1,477 | n.p. | 2,727 |
| February | 19,525 | 1,581 | 8,683 | n.p. | 4,453 |
| March | 18,068 | 1,534 | 8,063 | n.p. | 3,672 |
| 1982-83 : July to Mar. | 131,147 | 15,845 | 50,891 | 16,014 | 34,419 |
| 1983-84 : July to Mar. | 146,949 | 16,325 | 63,661 | n.p. | 38,909 |

COOKING STOVES, OVENS AND RANGES

| Period | Cooking stoves, ovens and ranges—domestic types | | | | | | Total |
|------------------------|---|---------------------------|-----------------------------|------------------------------|---------------------|---------------------------|------------|
| | Electric | | | Gas(d) | | | |
| | Ranges(c) fixed and other (661.02) | Wall ovens (661.11) | Cooking tops (661.13) | Standard town (662.31) | Natural (662.34) | LP and TLP (662.26) | |
| | —number— | | | | | | |
| 1980-81 | 172,436 | (e)89,912 | 79,470 | (f)19,506 | (f)54,962 | (f)20,537 | (f)95,005 |
| 1981-82 | 148,453 | (e)95,342 | 73,687 | (f)18,691 | (f)62,254 | (f)30,465 | (f)111,410 |
| 1982-83 | 110,526 | 50,123 | 49,163 | 17,514 | 53,430 | 27,305 | 98,249 |
| 1983— | | | | | | | |
| February | 7,610 | 2,550 | 3,313 | n.p. | 4,371 | n.p. | 6,855 |
| March | 9,905 | 3,487 | 3,801 | n.p. | 3,070 | n.p. | 6,471 |
| April | 8,805 | 3,202 | 3,397 | n.p. | 4,580 | n.p. | 8,412 |
| May | 11,775 | 5,225 | 3,519 | n.p. | 4,858 | n.p. | 8,816 |
| June | 12,473 | 5,147 | 4,751 | n.p. | 5,084 | n.p. | 8,982 |
| July | 12,457 | 5,296 | 4,637 | 1,249 | 4,981 | 2,393 | 8,623 |
| August | 11,569 | 5,779 | 4,477 | 1,227 | 6,086 | 3,086 | 10,399 |
| September | 13,183 | 5,479 | 4,752 | 1,402 | 6,438 | 2,761 | 10,601 |
| October | 12,427 | 5,526 | 4,973 | 976 | 3,986 | 4,223 | 9,185 |
| November | 11,140 | 7,145 | 5,383 | 1,594 | 5,498 | 3,570 | 10,662 |
| December | 10,537 | 3,705 | 4,688 | 1,137 | 4,472 | 2,868 | 8,477 |
| 1984— | | | | | | | |
| January | 5,942 | 2,029 | 2,080 | 305 | 1,692 | 852 | 2,849 |
| February | 12,568 | 6,345 | 5,704 | 1,433 | 6,280 | 2,355 | 10,068 |
| March | 13,635 | 6,620 | 6,061 | 1,472 | 5,509 | 2,598 | 9,579 |
| 1982-83 : July to Mar. | 77,473 | 36,549 | 37,496 | n.p. | 38,908 | n.p. | 72,039 |
| 1983-84 : July to Mar. | 103,458 | 47,924 | 42,755 | 10,795 | 44,942 | 24,706 | 80,443 |

(a) Both domestic and non-domestic up to 900 litres storage capacity. (b) Includes hot water systems that also have a conventional back up energy source. (c) Having at least one hotplate and one oven separately heated. Total rating not exceeding 15kw. (d) Gas stoves and ranges, upright or elevated (with oven) excludes cooking tops, hotplates, stovesettes, etc. (e) Prior to July 1982 includes grill boilers. (f) Prior to July 1982 includes wall ovens.

COOKING STOVES—continued

SPACE HEATERS AND SOLAR COLLECTORS

| Period | Non-domestic cooking stoves ovens and ranges | | Space heaters(a) | | |
|------------------------|--|--------------|---|--|---------------------------------|
| | Electric (661.19) | Gas (662.49) | Gas fired warm air furnaces (651.28,29) | Gas fires and gas space heaters—all types (651.15) | Solar collectors(b) (654.84-87) |
| | | | —number— | | |
| 1980-81 | 4,610 | 3,344 | 21,484 | 60,304 | (c)186,622 |
| 1981-82 | 3,860 | 3,150 | 20,516 | 51,512 | 196,705 |
| 1982-83 | 2,847 | 2,232 | 18,867 | 68,999 | 198,476 |
| 1983— | | | | | sq.m. |
| February | 243 | 179 | 1,108 | 4,811 | 16,094 |
| March | 248 | 156 | 1,598 | 6,047 | 15,109 |
| April | 221 | 109 | 2,192 | 6,894 | 7,863 |
| May | 210 | 110 | 3,217 | 10,243 | 10,809 |
| June | 208 | 64 | 2,159 | 11,463 | 20,690 |
| July | 171 | 88 | 2,077 | 8,403 | 16,798 |
| August | 173 | n.p. | 3,088 | 4,382 | 28,055 |
| September | 170 | n.p. | 1,504 | 2,324 | 24,799 |
| October | 150 | n.p. | 1,348 | 2,816 | 21,715 |
| November | 197 | n.p. | 1,140 | 4,642 | 22,716 |
| December | 141 | n.p. | 845 | 2,435 | 15,202 |
| 1984— | | | | | |
| January | 56 | n.p. | 336 | 2,695 | 11,920 |
| February | 115 | n.p. | 1,165 | 5,798 | 19,196 |
| March | 235 | n.p. | 1,783 | 8,089 | 16,410 |
| 1982-83 : July to Mar. | 2,208 | 1,949 | 11,299 | 40,399 | 159,114 |
| 1983-84 : July to Mar. | 1,408 | n.p. | 13,286 | 41,584 | 176,811 |

PLUMBING FIXTURES AND FITTINGS

| Period | Sinks (incl. combination sinks) | Laundry tubs | Earthenware | | |
|------------------------|---|---|-------------------------------------|--|------------------------|
| | Pressed steel standard size—stainless(d) (671.14) | Pressed steel (enamelled, stainless or galvanised) (671.22) | Toilet cisterns(e) plastic (671.55) | Wash basins wall and pedestal (671.37) | Pans (closer) (671.41) |
| | | | —number— | | |
| 1980-81 | (f)253,125 | (g)182,661 | 455,546 | 269,624 | 558,378 |
| 1981-82 | (f)258,335 | (g)182,805 | 519,734 | 276,620 | 570,790 |
| 1982-83 | 210,153 | 152,364 | 422,977 | 202,425 | 498,765 |
| 1983— | | | | | |
| February | 17,572 | 12,700 | 37,974 | 14,958 | 36,030 |
| March | 20,024 | 15,775 | 32,834 | 18,983 | 48,021 |
| April | 14,095 | 9,425 | 24,755 | 16,405 | 40,225 |
| May | 21,612 | 17,156 | 32,802 | 16,802 | 36,595 |
| June | 23,203 | 16,845 | 39,273 | 20,679 | 38,032 |
| July | 19,602 | 15,127 | 38,461 | 17,926 | 34,027 |
| August | 22,183 | 16,076 | 44,506 | 20,684 | 41,540 |
| September | 22,230 | 17,856 | 41,263 | 16,970 | 42,181 |
| October | 21,071 | 16,350 | 40,358 | 16,913 | 36,671 |
| November | 23,287 | 19,342 | 43,703 | 20,041 | 42,277 |
| December | 18,841 | 15,037 | n.p. | 10,727 | 33,649 |
| 1984— | | | | | |
| January | 6,499 | 3,998 | n.p. | 7,356 | 19,872 |
| February | 26,364 | 18,991 | 35,360 | 17,199 | 49,637 |
| March | 23,642 | 22,317 | 36,972 | 22,316 | 54,611 |
| 1982-83 : July to Mar. | 151,243 | 108,938 | 326,147 | 148,539 | 383,913 |
| 1983-84 : July to Mar. | 183,719 | 145,094 | 329,472 | 150,132 | 354,465 |

(a) Includes both domestic and non-domestic types. (b) For household or industrial water heating purposes (e.g. hot water systems, swimming pool heating). Production figures relate to effective area of aperture. (c) Prior to July 1981 figures relate only to collectors for hot water systems. (d) Excludes enamelled or galvanised sinks. (e) Excludes storage tanks for use with flusherette valves. (f) Prior to July 1982 includes enamelled sinks. (g) Prior to July 1982 comprises stainless steel laundry tubs only.