AUSTRALIAN BUREAU OF STATISTICS Canberra

# PRODUCTION BULLETIN NO. 5 : BUILDING MATERIALS AND FITTINGS AUSTRALIA, APRIL 1981


| | |
|---|---|
| PHONE INQUIRIES | *for more information about these statistics*—contact Mr Harry Klegeris on Canberra (062) 52 5654 or any of our State offices. |
| | *other inquiries including copies of publications*—contact Information Services on Canberra (062) 52 6627 or in any of our State offices. |
| MAIL INQUIRIES | *write to* Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our State offices. |


## 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 this publication 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, 1977-78* (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 in this publication 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: Electricity, Gas and 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 monthly*
*Production Bulletin No. 8: Miscellaneous Products, Australia* (8364.0)—*issued monthly*
*Manufacturing Commodities, Selected Principal Articles Produced, Australia, 1978-79* (8365.0)
*Manufacturing Commodities, Principal Articles Produced, Australia, 1977-78 and 1978-79* (8303.0).

8. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0) which is available free of charge 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 |

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## BRICKS
(Million)

| Period | Clay | | | | | | Australia | | Silica lime (479.45,47) | Concrete (475.21,23) | Total bricks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | N.S.W. | Vic. | Qld | S.A. (472.01,03) | W.A. | Tas. | Original | Seas. adj.(a) | | | |
| 1977-78 | 639 | 463 | 262 | n.p. | 359 | n.p. | 1,910 | .. | 69.0 | 44.8 | 2,024 |
| 1978-79 | 720 | 410 | 268 | n.p. | 380 | n.p. | 1,936 | .. | 74.1 | 42.8 | 2,052 |
| 1979-80 | 882 | 438 | 302 | n.p. | 405 | n.p. | 2,200 | .. | 88.4 | 60.5 | 2,349 |
| *1980—* | | | | | | | | | | | |
| March | 75.1 | 39.5 | 25.9 | n.p. | 35.3 | n.p. | 191 | 186 | 7.36 | 5.64 | 204 |
| April | 72.8 | 37.1 | 23.4 | n.p. | 29.4 | n.p. | 176 | 178 | 7.05 | 4.85 | 188 |
| May | 81.2 | 38.1 | 24.2 | n.p. | 31.5 | n.p. | 189 | 179 | 8.12 | 6.18 | 204 |
| June | 75.3 | 39.2 | 25.9 | n.p. | 33.0 | n.p. | 186 | 182 | 8.59 | 5.97 | 201 |
| July | 80.9 | 43.2 | 30.3 | n.p. | 35.7 | n.p. | 205 | 189 | 10.87 | 6.48 | 222 |
| August | 74.5 | 39.8 | 25.7 | n.p. | 33.7 | n.p. | 188 | 180 | 9.52 | 5.85 | 203 |
| September | 77.8 | 45.1 | 25.7 | n.p. | 31.2 | n.p. | 196 | 183 | 9.65 | 6.17 | 212 |
| October | 80.3 | 41.8 | 29.1 | n.p. | 35.8 | n.p. | 202 | 185 | 9.73 | 5.83 | 217 |
| November | 72.0 | 38.5 | 28.2 | n.p. | 33.8 | n.p. | 187 | 184 | 9.54 | 5.56 | 202 |
| December | 70.7 | 35.4 | 28.2 | n.p. | 29.2 | n.p. | 175 | 190 | 7.74 | 4.73 | 187 |
| *1981—* | | | | | | | | | | | |
| January | 61.0 | 13.3 | 25.6 | n.p. | 25.9 | n.p. | 133 | 207 | 4.96 | 3.23 | 141 |
| February | 75.1 | 33.9 | 27.6 | n.p. | 29.3 | n.p. | 179 | 181 | 7.02 | 5.29 | 191 |
| March | 83.5 | 40.7 | 30.8 | n.p. | 35.9 | n.p. | 207 | 194 | 9.62 | 7.39 | 224 |
| April | 77.7 | 38.5 | 29.0 | n.p. | 30.4 | n.p. | 189 | 195 | 7.74 | 5.70 | 202 |
| 1979-80: July to Apr. | 726 | 361 | 252 | n.p. | 340 | n.p. | 1,824 | .. | 71.7 | 48.4 | 1,944 |
| 1980-81: July to Apr. | 754 | 370 | 280 | n.p. | 321 | n.p. | 1,859 | .. | 86.4 | 56.2 | 2,001 |

## TERRACOTTA AND CONCRETE ROOFING TILES

| Period | Quantity produced ('000) | | | | | Equivalent flat surface measure ('000 sq. m) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | N.S.W. | Vic. (472.12;475.30) | Other States | Australia | | N.S.W. | Vic. (472.15;475.32) | Other States | Australia | |
| | | | | Terracotta (472.12) | Concrete (475.30) | | | | Terracotta (472.15) | Concrete (475.32) |
| 1977-78 | 66,872 | 56,705 | 81,125 | 50,765 | 153,937 | 6,026 | 5,027 | 7,220 | 3,800 | 14,473 |
| 1978-79 | 73,303 | 53,639 | 75,060 | 50,142 | 151,860 | 6,587 | 4,910 | 6,544 | 3,933 | 14,108 |
| 1979-80 | 82,568 | 56,871 | 84,212 | 44,654 | 178,997 | 7,532 | 5,011 | 7,363 | 3,386 | 16,520 |
| *1980—* | | | | | | | | | | |
| March | 7,600 | 4,887 | 7,306 | 3,898 | 15,895 | 647 | 428 | 635 | 292 | 1,417 |
| April | 6,776 | 4,693 | 6,912 | 3,946 | 14,435 | 627 | 408 | 597 | 296 | 1,337 |
| May | 7,993 | 5,800 | 7,626 | 4,003 | 17,416 | 738 | 512 | 677 | 300 | 1,626 |
| June | 7,854 | 4,786 | 7,021 | 4,168 | 15,943 | 714 | 416 | 618 | 309 | 1,439 |
| July | 9,545 | 5,676 | 8,134 | 4,955 | 18,400 | 859 | 499 | 750 | 370 | 1,738 |
| August | 8,078 | 4,999 | 6,552 | 3,832 | 15,797 | 745 | 440 | 604 | 288 | 1,501 |
| September | 8,764 | 5,169 | 7,137 | 4,804 | 16,266 | 789 | 439 | 662 | 347 | 1,543 |
| October | 9,245 | 5,631 | 7,393 | 4,901 | 17,368 | 844 | 492 | 687 | 368 | 1,655 |
| November | 9,223 | 4,698 | 7,058 | 4,332 | 16,647 | 841 | 413 | 675 | 325 | 1,602 |
| December | 6,523 | 4,014 | 4,987 | 3,725 | 11,799 | 592 | 356 | 454 | 278 | 1,125 |
| *1981—* | | | | | | | | | | |
| January | 3,339 | 1,650 | 2,898 | 1,276 | 6,611 | 307 | 148 | 266 | 93 | 627 |
| February | 8,222 | 4,396 | 7,376 | 3,824 | 16,170 | 755 | 388 | 694 | 283 | 1,554 |
| March | 8,990 | 4,999 | 7,834 | 4,407 | 17,416 | 822 | 439 | 732 | 330 | 1,663 |
| April | 8,934 | 5,232 | 7,559 | 5,145 | 16,580 | 811 | 458 | 698 | 383 | 1,584 |
| 1979-80: July to Apr. | 66,721 | 46,285 | 69,565 | 36,483 | 146,088 | 6,080 | 4,083 | 6,069 | 2,777 | 13,455 |
| 1980-81: July to Apr. | 80,863 | 46,464 | 66,928 | 41,201 | 153,054 | 7,365 | 4,072 | 6,221 | 3,065 | 14,592 |

(a) See paragraph 6 of Explanatory notes.

## PORTLAND CEMENT, MINERAL WOOL AND PLASTER OF PARIS

| Period | Portland cement | | Mineral wool (incl. rock, slag and glass wool, etc.) | | | | Plaster of Paris (479.22) |
|---|---|---|---|---|---|---|---|
| | | | Glass wool | | Other mineral wool | | |
| | Original (474.02) | Seasonally adjusted(a) | Bonded wool (excl. sectional pipe insulation) (479.01) | Loose and granulated wool for sale as such (479.03) | Bonded wool (excl. sectional pipe insulation) (479.02) | Loose and granulated wool for sale as such (479.04) | |
| | '000 tonnes | '000 tonnes | — tonnes — | | | | |
| 1977-78 | 5,021 | .. | 13,994 | 743 | 11,060 | 3,886 | 368,995 |
| 1978-79 | 5,117 | .. | 16,740 | 959 | 9,712 | 2,827 | 361,262 |
| 1979-80 | 5,354 | .. | 20,279 | 703 | 10,729 | 1,840 | 412,194 |
| *1980—* | | | | | | | |
| March | 449 | 441 | 1,518 | 49 | 905 | 153 | |
| April | 448 | 451 | 1,325 | 59 | 845 | 128 | |
| May | 481 | 451 | 1,400 | 59 | 964 | 162 | 101,472 |
| June | 457 | 455 | 1,079 | 52 | 633 | 110 | |
| July | 495 | 460 | 1,192 | 58 | 1,144 | 224 | |
| August | 502 | 484 | 1,139 | 58 | 792 | 108 | 123,659 |
| September | 443 | 426 | 1,127 | 33 | 1,000 | 132 | |
| October | 479 | 457 | 1,396 | 29 | 1,038 | 201 | |
| November | 512 | 487 | 1,319 | 32 | 833 | 122 | 110,757 |
| December | 448 | 471 | 1,359 | 28 | 863 | 174 | |
| *1981—* | | | | | | | |
| January | 312 | 451 | 1,063 | 22 | 533 | 77 | |
| February | 447 | 450 | 1,526 | 32 | 973 | 219 | 100,613 |
| March | 523 | 508 | 1,334 | 27 | 837 | 176 | |
| April | 538 | 541 | 1,042 | 36 | 783 | 190 | |
| 1979-80: July to Apr. | 4,417 | .. | 17,800 | 592 | 9,132 | 1,568 | .. |
| 1980-81: July to Apr. | 4,699 | .. | 12,497 | 355 | 8,796 | 1,623 | .. |

## LIGNOCELLULOSE AND DECORATIVE SURFACED BOARDS AND SHEETS

| Period | Lignocellulose boards and sheets(b) | | | Total converted to acoustic tiles, panel and boards (336.51-59) | Decorative surfaced boards and sheets | | Plastic building materials | |
|---|---|---|---|---|---|---|---|---|
| | Particle board resin bonded(c) (336.12) | | Soft board and strawboard (336.11,15) | | On particle board (425.08) | On other (425.09 10,11) | Decorative laminated (425.01,03) | Profile sheet(d) (425.17,18) |
| | Original | Seas. adj.(a) | | | | | | |
| | '000 cu. m | '000 cu. m | | | — '000 sq. m — | | | |
| 1977-78 | 517 | .. | 2,118 | 529 | 4,847 | 1,948 | 3,313 | 2,312 |
| 1978-79 | 574 | .. | 1,932 | 570 | 5,759 | 1,415 | 3,440 | 2,367 |
| 1979-80 | 658 | .. | 1,723 | 136 | 7,046 | 984 | 4,359 | 2,442 |
| *1980—* | | | | | | | | |
| March | 62.3 | 58.4 | 157 | 11.1 | 578 | 76 | 388 | 197 |
| April | 60.3 | 59.1 | 187 | 12.2 | 581 | 64 | 339 | 167 |
| May | 66.8 | 61.9 | 154 | 8.7 | 708 | 62 | 343 | 218 |
| June | 63.7 | 63.3 | 138 | 4.3 | 610 | 81 | 346 | 155 |
| July | 80.5 | 67.8 | 171 | 14.0 | 696 | 74 | 403 | 187 |
| August | 69.1 | 65.6 | 158 | 16.4 | 612 | 53 | 334 | 176 |
| September | 65.2 | 60.9 | 159 | 12.6 | 615 | 76 | 418 | 211 |
| October | 68.6 | 58.3 | 194 | 14.4 | 695 | 60 | 392 | 288 |
| November | 60.2 | 57.7 | 168 | 10.8 | 680 | 63 | 429 | 198 |
| December | 40.5 | 49.2 | 96 | 5.0 | 415 | 50 | 305 | 157 |
| *1981—* | | | | | | | | |
| January | 16.0 | 41.9 | 51 | 5.1 | 246 | 29 | 92 | 108 |
| February | 59.3 | 56.6 | 129 | 8.5 | 712 | 59 | 444 | 202 |
| March | 64.1 | 60.2 | 170 | 8.9 | 648 | 65 | 430 | 217 |
| April | 63.8 | 60.6 | 173 | 13.8 | 721 | 46 | 369 | 189 |
| 1979-80: July to Apr. | 528 | .. | 1,431 | 123 | 5,728 | 840 | 3,671 | 2,069 |
| 1980-81: July to Apr. | 587 | .. | 1,468 | 109 | 6,040 | 575 | 3,616 | 1,933 |

(a) See paragraph 6 of Explanatory notes. (b) Excludes hardboard. Original forming of boards and sheets including compositions. Includes board and sheet for subsequent conversion to other purposes in the same establishment as well as for sale or transfer out. (c) Excludes wood wool board (cement bonded). (d) Corrugated, etc. (including fibreglass reinforced).

## SAWN TIMBER, ACOUSTIC TILES

| Period | *Sawn Australian grown timber(a) (331.01-19)* | *Metal ceiling acoustic tiles, panels and sheets (461.05)* | *Plaster acoustic tiles (479.34)* |
|---|---|---|---|
| | '000 cu. m | '000 sq. m | '000 sq. m |
| 1977-78 | 3,538 | 282 | 117 |
| 1978-79 | 3,180 | 260 | 115 |
| 1979-80 | 3,148 | 300 | 87 |
| *1980—* | | | |
| March | 286 | 23.5 | 4.4 |
| April | 243 | 22.4 | 5.8 |
| May | 287 | 19.4 | 6.9 |
| June | 316 | 19.3 | 5.9 |
| July | | 23.8 | 8.1 |
| August | (b)847 | 20.1 | 5.9 |
| September | | 11.5 | 7.1 |
| October | | 18.7 | 6.2 |
| November | (b)826 | 17.6 | 6.3 |
| December | | 25.3 | 3.2 |
| *1981—* | | | |
| January | | 19.6 | 2.5 |
| February | (b)680 | n.p. | 6.3 |
| March | | n.p. | 7.4 |
| April | | n.p. | 8.8 |
| 1979-80: July to Apr. | .. | 261 | 74.3 |
| 1980-81: July to Apr. | .. | n.p. | 61.9 |

## PLASTER SHEETS NON-ACOUSTIC, CONCRETE PRODUCTS

| Period | *Plaster sheets-non-acoustic* | | | *Concrete blocks(c) (475.27)* | *Concrete pipes other than agricultural (475.46)* | *Concrete box culverts (475.60)* |
|---|---|---|---|---|---|---|
| | *N.S.W. and Qld* | *Other States (479.32.33)* | *Australia* | | | |
| | — '000 sq. m — | | | million | tonnes | tonnes |
| 1977-78 | 21,910 | 26,214 | 48,124 | 78.0 | 695,650 | 108,125 |
| 1978-79 | 23,714 | 24,175 | 47,889 | 76.9 | 626,715 | 112,168 |
| 1979-80 | 26,571 | 29,692 | 56,263 | 82.0 | 673,344 | 104,059 |
| *1980—* | | | | | | |
| March | 2,369 | 2,500 | 4,870 | 7.15 | 62,675 | 9,301 |
| April | 2,428 | 2,729 | 5,157 | 6.93 | 56,940 | 8,924 |
| May | 2,405 | 2,473 | 4,878 | 7.32 | 60,827 | 9,547 |
| June | 2,308 | 2,011 | 4,319 | 6.94 | 51,460 | 9,165 |
| July | 3,147 | 3,291 | 6,438 | 7.87 | 60,356 | 9,988 |
| August | 2,488 | 2,827 | 5,316 | 7.27 | 54,348 | 10,467 |
| September | 2,707 | 2,733 | 5,440 | 7.72 | 54,659 | 10,501 |
| October | 3,276 | 2,865 | 6,141 | 8.15 | 58,418 | 11,284 |
| November | 2,895 | 2,610 | 5,505 | 7.37 | 54,093 | 10,625 |
| December | 2,465 | 2,630 | 5,095 | 6.75 | 37,926 | 6,809 |
| *1981—* | | | | | | |
| January | 1,525 | 1,474 | 2,999 | 4.29 | 22,911 | 6,076 |
| February | 2,737 | 2,871 | 5,608 | 7.27 | 53,161 | 8,750 |
| March | 3,180 | 1,615 | 4,796 | 8.48 | 58,525 | 10,931 |
| April | 2,815 | 2,333 | 5,148 | 7.46 | 54,342 | 10,414 |
| 1979-80: July to Apr. | 21,857 | 25,208 | 47,066 | 67.8 | 561,057 | 85,747 |
| 1980-81: July to Apr. | 27,236 | 25,250 | 52,486 | 72.6 | 508,739 | 95,845 |

(a) *Source:* Forestry Branch, Department of Primary Industry. Expressed in terms of green off saw volumes. (b) Data for sawn Australian grown timber are now collected on a quarterly basis. (c) Expressed in terms of 400 mm x 200 mm.

## READY MIXED CONCRETE(a)
('000 cu. m)

| Period | N.S.W. | Vic. | Qld | S.A. and N.T. (475.90) | W.A. | Tas. | A.C.T. | Australia |
|---|---|---|---|---|---|---|---|---|
| 1977-78 | 2,919 | 2,899 | 1,909 | 1,092 | 1,075 | 288 | 273 | 10,456 |
| 1978-79 | 3,671 | 2,798 | 2,163 | 1,007 | 1,013 | 261 | 209 | 11,122 |
| 1979-80 | 3,892 | 2,580 | 2,366 | 989 | 1,045 | 250 | 160 | 11,282 |
| *1980—* | | | | | | | | |
| March | 350 | 230 | 209 | 90.7 | 93.5 | 24.2 | 11.9 | 1,009 |
| April | 315 | 201 | 191 | 76.1 | 84.7 | 18.0 | 11.3 | 897 |
| May | 348 | 245 | 181 | 92.0 | 99.2 | 25.3 | 12.5 | 1,003 |
| June | 326 | 193 | 225 | 80.9 | 89.0 | 22.3 | 10.6 | 948 |
| July | 399 | 207 | 240 | 83.1 | 96.4 | n.p. | n.p. | 1,063 |
| August | 379 | 212 | 236 | 86.3 | 98.6 | n.p. | n.p. | 1,046 |
| September | 387 | 220 | 255 | 88.7 | 103.1 | 21.9 | 12.4 | 1,088 |
| October | 382 | 220 | 258 | 86.3 | 101.7 | 24.3 | 12.7 | 1,085 |
| November | 368 | 224 | 245 | 90.9 | 98.8 | 21.5 | 12.1 | 1,060 |
| December | 332 | 210 | 211 | 86.4 | 90.1 | 21.2 | 11.0 | 962 |
| *1981—* | | | | | | | | |
| January | 241 | 124 | 175 | 59.4 | 68.7 | 12.1 | 7.2 | 687 |
| February | 301 | 200 | 198 | 84.5 | 97.0 | 22.3 | 11.5 | 915 |
| March | 383 | 246 | 270 | 91.3 | 102.0 | 23.0 | 12.2 | 1,128 |
| April | 335 | 244 | 230 | 81.6 | 95.6 | 21.6 | 12.2 | 1,020 |
| 1979-80: July to Apr. | 3,218 | 2,142 | 1,960 | 816 | 856 | 202 | 137 | 9,332 |
| 1980-81: July to Apr. | 3,507 | 2,109 | 2,319 | 839 | 952 | 212 | 117 | 10,054 |

## HOT WATER SYSTEMS AND BATH HEATERS

| | *Hot water systems (up to 900 litres storage capacity)* | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | *Electric* | | | | | | *Bath heaters* | |
| Period | *Instantaneous (652.11)* | *Storage (b)* | *Heat exchange (incl. coil type) (652.71)* | *Gas storage and heat exchange (c)* | *Solid fuel storage and heat exchange (d)* | *Solar absorber units (652.91)* | *Electric (652.01)* | *Gas (652.02,06)* | *Solid fuel (652.05)* |
| | — number — | | | | | sq. m | — number — | | |
| 1977-78 | 16,528 | 206,899 | 25,633 | 56,935 | 3,110 | 63,441 | 6,385 | n.p. | 883 |
| 1978-79 | 14,055 | 215,749 | 25,629 | 58,016 | 3,763 | 107,961 | 5,043 | n.p. | 346 |
| 1979-80 | 13,400 | 223,781 | n.p. | 71,602 | 2,587 | 150,216 | 3,988 | n.p. | 230 |
| *1980—* | | | | | | | | | |
| March | 1,244 | 19,254 | n.p. | 6,888 | 360 | 13,462 | 343 | n.p. | n.p. |
| April | 1,076 | 13,567 | n.p. | 3,763 | 150 | 11,046 | 282 | — | n.p. |
| May | 909 | 19,386 | n.p. | 4,764 | 229 | 15,141 | 385 | n.p. | n.p. |
| June | 992 | 19,374 | n.p. | 5,260 | 246 | 14,462 | 307 | n.p. | n.p. |
| July | 1,358 | 22,095 | 1,675 | 5,591 | 237 | 17,760 | 352 | n.p. | — |
| August | 1,399 | 22,560 | n.p. | 6,228 | 253 | 16,286 | 306 | n.p. | n.p. |
| September | 1,285 | 21,340 | n.p. | 6,563 | 262 | 17,082 | 301 | n.p. | n.p. |
| October | 1,017 | 25,201 | n.p. | 5,188 | 196 | 17,348 | 255 | n.p. | n.p. |
| November | 1,119 | 19,880 | n.p. | 7,413 | 134 | 16,099 | 259 | — | n.p. |
| December | 914 | 18,649 | 2,311 | 6,137 | 166 | 10,865 | 222 | n.p. | n.p. |
| *1981—* | | | | | | | | | |
| January | 350 | 8,214 | n.p. | 2,336 | 14 | 9,415 | n.p. | — | n.p. |
| February | 710 | 21,579 | n.p. | 5,539 | 128 | 14,709 | n.p. | — | n.p. |
| March | 892 | 23,159 | n.p. | 4,335 | 131 | 15,184 | 163 | n.p. | n.p. |
| April | 804 | 18,979 | n.p. | 3,764 | 106 | 10,529 | 157 | n.p. | n.p. |
| 1979-80: July to Apr. | 11,499 | 185,021 | n.p. | 61,578 | 2,112 | 120,613 | 3,296 | n.p. | n.p. |
| 1980-81: July to Apr. | 9,848 | 201,656 | n.p. | 53,094 | 1,627 | 145,277 | 2,242 | n.p. | n.p. |

(a) Reported production, of ready mixed concrete for sale as such. Excludes production used, or for use, in the same establishment. (b) Code nos. 652.21,31,41,51,61. (c) Code nos. 652.22,26,32,36,42,46,52,56,62,66,72,76. (d) Code nos. 652.25,35,45,55,65,75.

## COOKING STOVES, OVENS AND RANGES
(Number)

| | *Cooking stoves, ovens and ranges—domestic types* | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | *Electric* | | | | *Gas(c)* | | | | | |
| *Period* | *Ranges(a) fixed and other (661.01, 03)* | *Grill boilers(b), wall ovens (661.05, 11)* | *Cooking tops (661.13)* | *Other (661.15, 17)* | *Standard town (662.31, 42)* | *Natural (662.34, 43)* | *LP and TLP (662.26, 36)* | *Total* | *Solid fuel(d) (662.01, 03)* | *Oil, kerosene, spirit, etc. (e) (662.21, 23,25)* |
| 1977-78 | 162,697 | 67,480 | 57,093 | n.p. | 19,368 | 49,895 | 26,949 | 96,212 | 3,042 | 1,570 |
| 1978-79 | 158,873 | 66,920 | 57,319 | n.p. | 17,634 | 48,432 | 27,850 | 93,916 | 4,431 | 1,618 |
| 1979-80 | 158,258 | 82,941 | 66,296 | n.p. | 20,048 | 55,545 | 25,660 | 101,253 | 6,423 | 1,648 |
| *1980—* | | | | | | | | | | |
| March | 13,776 | 7,053 | 5,867 | — | 1,748 | 4,949 | 2,315 | 9,012 | 665 | 147 |
| April | 11,715 | 6,784 | 5,623 | n.p. | 1,467 | 5,059 | 1,510 | 8,036 | 556 | 133 |
| May | 13,428 | 6,844 | 6,357 | n.p. | 1,382 | 4,516 | 1,629 | 7,527 | 729 | 126 |
| June | 12,751 | 6,393 | 5,781 | n.p. | 1,369 | 3,833 | 1,543 | 6,745 | 845 | 106 |
| July | 15,065 | 7,783 | 8,139 | n.p. | 2,066 | 5,203 | 2,302 | 9,571 | 632 | 110 |
| August | 15,560 | 7,483 | 7,524 | n.p. | 1,792 | 5,057 | 2,548 | 9,397 | 634 | 133 |
| September | 18,170 | 8,712 | 9,082 | n.p. | n.p. | 3,438 | n.p. | 9,970 | 583 | 235 |
| October | 18,513 | 11,784 | 8,372 | n.p. | n.p. | 2,938 | n.p. | 9,238 | 517 | 177 |
| November | 18,020 | 8,485 | 7,006 | n.p. | 1,492 | 5,197 | 1,636 | 8,325 | 297 | 178 |
| December | 13,873 | 7,181 | 4,990 | n.p. | 1,475 | 5,092 | 1,602 | 8,169 | 196 | 279 |
| *1981—* | | | | | | | | | | |
| January | 6,421 | 4,253 | 3,140 | n.p. | 713 | 1,960 | 671 | 3,344 | 133 | 111 |
| February | 15,722 | 6,777 | 6,122 | n.p. | 1,842 | 4,602 | 1,757 | 8,201 | 349 | 184 |
| March | 15,120 | 7,557 | 8,079 | n.p. | 1,921 | 3,526 | 1,709 | 7,156 | 478 | 152 |
| April | 13,089 | 5,112 | 4,789 | n.p. | 2,024 | 3,727 | 1,560 | 7,311 | 531 | 105 |
| 1979-80: July to Apr. | 132,079 | 69,704 | 54,158 | n.p. | 17,297 | 47,196 | 22,488 | 86,981 | 4,849 | 1,416 |
| 1980-81: July to Apr. | 149,553 | 75,127 | 67,243 | n.p. | 21,174 | 40,740 | 18,768 | 80,682 | 4,350 | 1,664 |

## NON-DOMESTIC COOKING STOVES, AND SPACE HEATERS
(Number)

| | *Non-domestic cooking stoves, ovens and ranges (electric, gas, solid fuel and oil)* | | *Space heaters* | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | *Gas fires* | | | | |
| | | | | | *Standard town gas(f), capacity of* | | | | |
| *Period* | *Electric (661.19)* | *Other (662.09, 29,49)* | *Gas fired warm air furnaces (651.28, 29)* | *Oil fired warm air furnaces and oil burning space heaters (651.33, 37,38,42, 43,44)* | *Under 7.5kW (651.04, 21)* | *7.5kW and over (651.05, 22)* | *LP and T.L.P gas(g) (651.26,27)* | *Total* | *Solid fuel (in built and free standing types) (excl. grates and heating appliances without doors) (651.01, 03)* |
| 1977-78 | 1,884 | 2,019 | n.p. | n.p. | n.p. | 47,810 | n.p. | 70,852 | 3,576 |
| 1978-79 | 2,551 | 2,463 | 13,566 | n.p. | n.p. | 52,701 | n.p. | 76,816 | 5,615 |
| 1979-80 | 3,280 | 2,877 | 21,968 | n.p. | n.p. | 64,216 | n.p. | 99,273 | 9,211 |
| *1980—* | | | | | | | | | |
| March | 164 | 252 | 2,491 | n.p. | n.p. | 4,735 | n.p. | 8,171 | n.p. |
| April | 357 | 221 | 2,093 | n.p. | n.p. | 7,873 | n.p. | 11,545 | n.p. |
| May | 466 | 304 | 2,289 | n.p. | n.p. | 8,949 | n.p. | 12,801 | n.p. |
| June | 271 | 223 | 2,023 | n.p. | n.p. | 5,194 | n.p. | 9,212 | n.p. |
| July | 312 | 350 | 2,597 | n.p. | n.p. | n.p. | n.p. | 7,505 | n.p. |
| August | 259 | 335 | 2,301 | n.p. | n.p. | n.p. | n.p. | 4,435 | n.p. |
| September | 311 | 228 | 1,402 | n.p. | n.p. | n.p. | n.p. | 2,561 | n.p. |
| October | 300 | 303 | 1,398 | n.p. | n.p. | n.p. | n.p. | 7,263 | n.p. |
| November | 477 | 371 | 423 | n.p. | n.p. | n.p. | n.p. | 5,363 | n.p. |
| December | 318 | 355 | 1,164 | n.p. | n.p. | n.p. | n.p. | 3,790 | n.p. |
| *1981—* | | | | | | | | | |
| January | 117 | 117 | 535 | — | n.p. | n.p. | n.p. | 2,488 | n.p. |
| February | 257 | 203 | 2,386 | n.p. | n.p. | n.p. | n.p. | 3,922 | n.p. |
| March | 359 | 262 | 1,851 | n.p. | n.p. | n.p. | n.p. | 4,841 | n.p. |
| April | 393 | 224 | 2,480 | n.p. | n.p. | n.p. | n.p. | 4,483 | n.p. |
| 1979-80: July to Apr. | 2,543 | 2,350 | 17,656 | n.p. | n.p. | 50,073 | n.p. | 77,260 | n.p. |
| 1980-81: July to Apr. | 3,103 | 2,748 | 16,537 | n.p. | n.p. | n.p. | n.p. | 45,651 | n.p. |

(a) Having at least one hotplate and one oven separately heated. Total rating not exceeding 15kW. (b) Designed to allow simultaneous grilling below and boiling above the heating unit, but without an oven. (c) Gas stoves and ranges, upright or elevated (with oven) and wall ovens: excludes cooking tops, hotplates, stovettes, etc. (d) Insulated on at least 3 sides. (e) Excludes small spirit burners other than gravity fed. (f) Includes natural gas. (g) Excludes natural gas.

## SINK HEATERS, BATHS, SINKS, LAUNDRY TUBS AND PANS
(Number)

| Period | Sink heaters | Baths (excl. infants' baths) | Sinks (incl. combination sinks) | | Laundry tubs | Pans (closet) |
|---|---|---|---|---|---|---|
| | | Pressed steel enamelled | Pressed steel, standard size | Non-standard size (incl. specials) | Stainless steel | earthenware |
| | Electric (653.01) | (671.03) | (671.13,14) | (671.19) | (671.24) | (671.41) |
| 1977-78 | 9,500 | 135,199 | 218,036 | 24,118 | 203,466 | 472,555 |
| 1978-79 | 9,779 | 123,777 | 210,191 | 25,276 | 184,939 | 467,805 |
| 1979-80 | 10,646 | 147,600 | 255,094 | 29,446 | 199,347 | 466,504 |
| *1980—* | | | | | | |
| March | 858 | 12,915 | 21,989 | 2,085 | 16,077 | 42,941 |
| April | 627 | 13,665 | 18,845 | 1,649 | 14,960 | 33,973 |
| May | 722 | 11,164 | 21,990 | 1,726 | 17,404 | 48,983 |
| June | 1,094 | 10,222 | 19,277 | 1,962 | 12,931 | 41,884 |
| July | 1,169 | 15,076 | 21,952 | 1,569 | 17,148 | 47,804 |
| August | 974 | 14,571 | 22,012 | 2,605 | 14,957 | 48,248 |
| September | 1,193 | 16,208 | 23,188 | 1,992 | 16,345 | 48,174 |
| October | 1,008 | 14,682 | 20,410 | 1,872 | 16,932 | 25,404 |
| November | 1,177 | 15,238 | 19,284 | 2,021 | 19,180 | 50,068 |
| December | 676 | 11,706 | 20,935 | 1,319 | 15,560 | 43,679 |
| *1981—* | | | | | | |
| January | 355 | 5,935 | 9,377 | 440 | 5,900 | 28,209 |
| February | 515 | 14,373 | 22,294 | 1,136 | 16,696 | 44,213 |
| March | 1,116 | 12,645 | 25,786 | 1,510 | 17,804 | 48,944 |
| April | 356 | 13,869 | 19,167 | 1,097 | 13,845 | 44,459 |
| 1979-80: July to Apr. | 8,830 | 126,214 | 213,827 | 25,758 | 169,012 | 375,637 |
| 1980-81: July to Apr. | 8,539 | 134,303 | 204,405 | 15,561 | 154,367 | 429,202 |

## WASH BASINS AND TOILET CISTERNS
(Number)

| Period | Wash basins | | Toilet cisterns(a) | | | |
|---|---|---|---|---|---|---|
| | Earthenware (671.37) | Pressed steel enamelled (671.33) | Earthenware (incl. vitreous china) (671.51) | Plastic (671.55) | Other (651.53,57) | Total |
| 1977-78 | 229,814 | 66,551 | 76,797 | 466,890 | 10,877 | 554,564 |
| 1978-79 | 248,932 | 48,436 | 79,388 | 468,126 | 9,290 | 556,804 |
| 1979-80 | 229,268 | 49,081 | 77,422 | 446,087 | 10,032 | 533,541 |
| *1980—* | | | | | | |
| March | 21,644 | 4,706 | 7,625 | 38,441 | 943 | 47,009 |
| April | 21,505 | 3,587 | 6,589 | 34,847 | 729 | 42,165 |
| May | 26,518 | 3,542 | 10,471 | 39,754 | 753 | 50,978 |
| June | 23,277 | 3,297 | 8,521 | 31,742 | 756 | 41,019 |
| July | 26,563 | 4,334 | 10,488 | 46,515 | 580 | 57,583 |
| August | 26,732 | 3,515 | 10,253 | 38,344 | 423 | 49,020 |
| September | 24,952 | 4,305 | 10,063 | 36,663 | 547 | 47,273 |
| October | 25,672 | 7,851 | 10,269 | 38,295 | 623 | 49,187 |
| November | 22,209 | 8,820 | 8,901 | 42,008 | 1,368 | 52,277 |
| December | 18,629 | 3,527 | 6,018 | 27,922 | 756 | 34,696 |
| *1981—* | | | | | | |
| January | 11,651 | 1,151 | 4,688 | 28,503 | 91 | 33,282 |
| February | 21,360 | 3,056 | 8,294 | 40,136 | 576 | 49,006 |
| March | 24,103 | 4,107 | 7,874 | 46,371 | 322 | 54,567 |
| April | 22,177 | 3,516 | 6,496 | 33,144 | 346 | 39,986 |
| 1979-80: July to Apr. | 179,473 | 42,242 | 58,430 | 374,591 | 8,523 | 441,544 |
| 1980-81: July to Apr. | 224,048 | 44,182 | 83,344 | 377,901 | 5,632 | 466,877 |

(a) Excludes storage tanks for use with flusherette valves.

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