



australian **economy**



**2006**

overview  
macroeconomic indicators  
farm sector  
resource sector



## Australian gross product, by sector

|         | Chain volume measures <sup>a</sup> |                    |                                   |                    |        |                        | Nominal prices         |
|---------|------------------------------------|--------------------|-----------------------------------|--------------------|--------|------------------------|------------------------|
|         | Rural                              |                    | Mining                            |                    |        | Gross domestic product | Gross domestic product |
|         | Farm                               | Total <sup>b</sup> | Mining (excl. services to mining) | Services to mining | Total  |                        |                        |
|         |                                    |                    |                                   |                    |        | \$m                    | \$m                    |
| 1974-75 | 12 310                             | 13 318             | 13 896                            | na                 | 15 947 | 342 897                | 69 857                 |
| 1975-76 | 13 436                             | 14 421             | 13 479                            | na                 | 15 536 | 352 438                | 81 867                 |
| 1976-77 | 13 765                             | 14 806             | 14 354                            | na                 | 16 545 | 364 622                | 94 373                 |
| 1977-78 | 13 285                             | 14 320             | 14 718                            | na                 | 16 907 | 367 936                | 103 069                |
| 1978-79 | 16 510                             | 17 429             | 15 097                            | na                 | 17 274 | 383 785                | 116 726                |
| 1979-80 | 14 191                             | 15 286             | 14 777                            | na                 | 16 695 | 395 791                | 132 456                |
| 1980-81 | 12 140                             | 13 402             | 15 056                            | na                 | 16 855 | 408 996                | 149 960                |
| 1981-82 | 14 510                             | 15 593             | 14 935                            | na                 | 16 331 | 421 930                | 172 877                |
| 1982-83 | 11 062                             | 12 185             | 15 502                            | na                 | 17 111 | 411 679                | 185 921                |
| 1983-84 | 16 455                             | 17 461             | 16 648                            | na                 | 18 573 | 431 159                | 209 979                |
| 1984-85 | 16 510                             | 17 494             | 18 807                            | na                 | 21 162 | 454 118                | 231 868                |
| 1985-86 | 16 070                             | 17 022             | 21 063                            | 3 114              | 23 382 | 474 203                | 255 804                |
| 1986-87 | 16 183                             | 17 144             | 20 049                            | 2 125              | 21 922 | 484 997                | 280 404                |
| 1987-88 | 15 485                             | 16 592             | 23 495                            | 2 740              | 25 842 | 511 311                | 319 752                |
| 1988-89 | 15 968                             | 17 169             | 24 679                            | 2 850              | 27 129 | 531 817                | 362 436                |
| 1989-90 | 17 362                             | 18 544             | 27 538                            | 2 532              | 29 852 | 552 739                | 397 480                |
| 1990-91 | 18 230                             | 19 518             | 29 486                            | 2 164              | 31 552 | 549 451                | 408 862                |
| 1991-92 | 17 005                             | 18 396             | 31 027                            | 1 989              | 32 995 | 550 059                | 416 934                |
| 1992-93 | 18 211                             | 19 586             | 31 081                            | 2 287              | 33 322 | 570 639                | 438 001                |
| 1993-94 | 18 949                             | 20 261             | 31 640                            | 2 299              | 33 905 | 594 210                | 459 963                |
| 1994-95 | 15 265                             | 16 874             | 33 724                            | 2 779              | 36 333 | 620 801                | 486 578                |
| 1995-96 | 19 199                             | 20 790             | 36 491                            | 3 038              | 39 354 | 646 373                | 518 158                |
| 1996-97 | 20 550                             | 22 348             | 36 963                            | 3 089              | 39 879 | 671 806                | 545 736                |
| 1997-98 | 20 343                             | 22 227             | 38 206                            | 3 247              | 41 286 | 701 894                | 577 422                |
| 1998-99 | 22 582                             | 24 486             | 38 538                            | 2 901              | 41 151 | 738 225                | 607 863                |
| 1999-00 | 23 495                             | 25 755             | 41 271                            | 2 811              | 43 667 | 767 611                | 645 153                |
| 2000-01 | 24 443                             | 26 798             | 44 051                            | 3 248              | 46 994 | 782 492                | 689 340                |
| 2001-02 | 25 311                             | 27 642             | 43 955                            | 3 340              | 47 025 | 812 009                | 735 783                |
| 2002-03 | 18 808                             | 21 158             | 43 526                            | 3 566              | 46 921 | 838 366                | 782 798                |
| 2003-04 | 25 278                             | 27 790             | 42 130                            | 3 354              | 45 283 | 871 738                | 838 251                |
| 2004-05 | 25 182                             | 27 490             | 43 554                            | 3 943              | 47 496 | 894 665                | 894 665                |
| 2005-06 | 24 592                             | 26 855             | 42 598                            | 3 736              | 46 336 | 918 483                | 961 920                |

<sup>a</sup> Reference year is 2004-05. Original series, based on ANZSIC codes. For more information on chain volume measures, see the ABS information paper *Australian National Accounts, Introduction of Chain Volume and Price Indexes*, cat. no. 5248.0, released 19 March 1998. <sup>b</sup> Includes farm, forestry, fishing and hunting. **na** Not available.  
Sources: ABS, *Australian National Accounts, National Income, Expenditure and Product*, cat. nos. 5204.0 and 5206.0, Canberra.

## 2 Australian employment, by sector <sup>a</sup>

|         | Rural        |                            | Mining<br>'000 | Manufacturing<br>'000 | Other<br>'000 | Total<br>employment<br>'000 |
|---------|--------------|----------------------------|----------------|-----------------------|---------------|-----------------------------|
|         | Farm<br>'000 | Total <sup>b</sup><br>'000 |                |                       |               |                             |
| 1960-61 | 448          | na                         | na             | na                    | na            | na                          |
| 1961-62 | 453          | na                         | na             | na                    | na            | na                          |
| 1962-63 | 443          | 496                        | 52             | na                    | na            | 4 320                       |
| 1963-64 | 420          | 486                        | 52             | na                    | na            | 4 435                       |
| 1964-65 | 414          | 475                        | 53             | na                    | na            | 4 555                       |
| 1965-66 | 409          | 470                        | 55             | na                    | na            | 4 705                       |
| 1966-67 | 402          | 461                        | 57             | na                    | na            | 4 871                       |
| 1967-68 | 401          | 458                        | 60             | na                    | na            | 4 989                       |
| 1968-69 | 396          | 448                        | 63             | na                    | na            | 5 112                       |
| 1969-70 | 392          | 452                        | 69             | na                    | na            | 5 285                       |
| 1970-71 | 401          | 450                        | 76             | na                    | na            | 5 466                       |
| 1971-72 | 393          | 447                        | 77             | na                    | na            | 5 540                       |
| 1972-73 | 388          | 434                        | 77             | na                    | na            | 5 680                       |
| 1973-74 | 377          | 427                        | 78             | na                    | na            | 5 863                       |
| 1974-75 | 368          | 414                        | 82             | na                    | na            | 5 856                       |
| 1975-76 | 365          | 401                        | 81             | na                    | na            | 5 929                       |
| 1976-77 | 360          | 393                        | 81             | na                    | na            | 5 966                       |
| 1977-78 | 351          | 390                        | 80             | na                    | na            | 6 018                       |
| 1978-79 | 348          | 388                        | 81             | 1 205                 | 4 367         | 6 041                       |
| 1979-80 | 364          | 404                        | 81             | 1 242                 | 4 460         | 6 187                       |
| 1980-81 | 367          | 414                        | 88             | 1 246                 | 4 600         | 6 348                       |
| 1981-82 | 363          | 409                        | 99             | 1 249                 | 4 668         | 6 425                       |
| 1982-83 | 374          | 417                        | 96             | 1 163                 | 4 645         | 6 321                       |
| 1983-84 | 367          | 407                        | 98             | 1 139                 | 4 724         | 6 368                       |
| 1984-85 | 361          | 403                        | 94             | 1 139                 | 4 927         | 6 563                       |
| 1985-86 | 386          | 428                        | 106            | 1 129                 | 5 187         | 6 849                       |
| 1986-87 | 377          | 422                        | 101            | 1 124                 | 5 372         | 7 020                       |
| 1987-88 | 375          | 418                        | 98             | 1 159                 | 5 544         | 7 219                       |
| 1988-89 | 384          | 435                        | 98             | 1 201                 | 5 803         | 7 537                       |
| 1989-90 | 381          | 429                        | 104            | 1 201                 | 6 089         | 7 823                       |
| 1990-91 | 387          | 435                        | 95             | 1 143                 | 6 088         | 7 762                       |
| 1991-92 | 367          | 408                        | 90             | 1 086                 | 6 040         | 7 623                       |
| 1992-93 | 360          | 404                        | 87             | 1 087                 | 6 024         | 7 601                       |
| 1993-94 | 363          | 409                        | 89             | 1 092                 | 6 165         | 7 755                       |
| 1994-95 | 357          | 403                        | 86             | 1 115                 | 6 453         | 8 057                       |
| 1995-96 | 370          | 418                        | 85             | 1 112                 | 6 674         | 8 289                       |
| 1996-97 | 375          | 422                        | 86             | 1 129                 | 6 717         | 8 355                       |
| 1997-98 | 378          | 432                        | 83             | 1 123                 | 6 840         | 8 477                       |
| 1998-99 | 366          | 422                        | 80             | 1 080                 | 7 060         | 8 642                       |
| 1999-00 | 385          | 440                        | 78             | 1 099                 | 7 218         | 8 835                       |
| 2000-01 | 373          | 435                        | 79             | 1 113                 | 7 389         | 9 016                       |
| 2001-02 | 386          | 444                        | 81             | 1 077                 | 7 532         | 9 134                       |
| 2002-03 | 326          | 377                        | 86             | 1 091                 | 7 769         | 9 323                       |
| 2003-04 | 320          | 374                        | 92             | 1 033                 | 7 933         | 9 431                       |
| 2004-05 | 312          | 363                        | 93             | 991                   | 8 089         | 9 536                       |
| 2005-06 | 305          | 355                        | 115            | 1 001                 | 8 388         | 9 858                       |

<sup>a</sup> Average employment over four quarters, based on ANZSIC and equivalent ASIC codes. <sup>b</sup> Includes farm, forestry, fishing and hunting. na Not available.

Sources: ABS, *The Labour Force, Australia*, cat. no. 6203.0, Canberra; ABS, *The Labour Force, Australia, 1979 to 1990*, cat. no. 6204.0, Canberra.

### 3 Contribution to Australian employment, by sector

|         | Rural     |                         | Mining<br>% | Manufacturing<br>% | Other<br>% |
|---------|-----------|-------------------------|-------------|--------------------|------------|
|         | Farm<br>% | Total <sup>a</sup><br>% |             |                    |            |
| 1962-63 | 10.3      | 11.5                    | 1.2         | na                 | na         |
| 1963-64 | 9.5       | 11.0                    | 1.2         | na                 | na         |
| 1964-65 | 9.1       | 10.4                    | 1.2         | na                 | na         |
| 1965-66 | 8.7       | 10.0                    | 1.2         | na                 | na         |
| 1966-67 | 8.3       | 9.5                     | 1.2         | na                 | na         |
| 1967-68 | 8.0       | 9.2                     | 1.2         | na                 | na         |
| 1968-69 | 7.7       | 8.8                     | 1.2         | na                 | na         |
| 1969-70 | 7.4       | 8.6                     | 1.3         | na                 | na         |
| 1970-71 | 7.3       | 8.2                     | 1.4         | na                 | na         |
| 1971-72 | 7.1       | 8.1                     | 1.4         | na                 | na         |
| 1972-73 | 6.8       | 7.6                     | 1.4         | na                 | na         |
| 1973-74 | 6.4       | 7.3                     | 1.3         | na                 | na         |
| 1974-75 | 6.3       | 7.1                     | 1.4         | na                 | na         |
| 1975-76 | 6.2       | 6.8                     | 1.4         | na                 | na         |
| 1976-77 | 6.0       | 6.6                     | 1.4         | na                 | na         |
| 1977-78 | 5.8       | 6.5                     | 1.3         | na                 | na         |
| 1978-79 | 5.8       | 6.4                     | 1.3         | 19.9               | 72.3       |
| 1979-80 | 5.9       | 6.5                     | 1.3         | 20.1               | 72.1       |
| 1980-81 | 5.8       | 6.5                     | 1.4         | 19.6               | 72.5       |
| 1981-82 | 5.6       | 6.4                     | 1.5         | 19.4               | 72.7       |
| 1982-83 | 5.9       | 6.6                     | 1.5         | 18.4               | 73.5       |
| 1983-84 | 5.8       | 6.4                     | 1.5         | 17.9               | 74.2       |
| 1984-85 | 5.5       | 6.1                     | 1.4         | 17.4               | 75.1       |
| 1985-86 | 5.6       | 6.2                     | 1.5         | 16.5               | 75.7       |
| 1986-87 | 5.4       | 6.0                     | 1.4         | 16.0               | 76.5       |
| 1987-88 | 5.2       | 5.8                     | 1.4         | 16.1               | 76.8       |
| 1988-89 | 5.1       | 5.8                     | 1.3         | 15.9               | 77.0       |
| 1989-90 | 4.9       | 5.5                     | 1.3         | 15.4               | 77.8       |
| 1990-91 | 5.0       | 5.6                     | 1.2         | 14.7               | 78.4       |
| 1991-92 | 4.8       | 5.4                     | 1.2         | 14.2               | 79.2       |
| 1992-93 | 4.7       | 5.3                     | 1.1         | 14.3               | 79.2       |
| 1993-94 | 4.7       | 5.3                     | 1.2         | 14.1               | 79.5       |
| 1994-95 | 4.4       | 5.0                     | 1.1         | 13.8               | 80.1       |
| 1995-96 | 4.5       | 5.0                     | 1.0         | 13.4               | 80.5       |
| 1996-97 | 4.5       | 5.0                     | 1.0         | 13.5               | 80.4       |
| 1997-98 | 4.5       | 5.1                     | 1.0         | 13.2               | 80.7       |
| 1998-99 | 4.2       | 4.9                     | 0.9         | 12.5               | 81.7       |
| 1999-00 | 4.4       | 5.0                     | 0.9         | 12.4               | 81.7       |
| 2000-01 | 4.1       | 4.8                     | 0.9         | 12.3               | 82.0       |
| 2001-02 | 4.2       | 4.9                     | 0.9         | 11.8               | 82.5       |
| 2002-03 | 3.5       | 4.0                     | 0.9         | 11.7               | 83.3       |
| 2003-04 | 3.4       | 4.0                     | 1.0         | 11.0               | 84.1       |
| 2004-05 | 3.3       | 3.8                     | 1.0         | 10.4               | 84.8       |
| 2005-06 | 3.1       | 3.6                     | 1.2         | 10.2               | 85.1       |

<sup>a</sup> Includes farm, forestry, fishing and hunting. **na** Not available.

Sources: ABS, *The Labour Force, Australia*, cat. no. 6203.0, Canberra; ABS, *The Labour Force, Australia, 1979 to 1990*, cat. no. 6204.0, Canberra.

## 4 Value of Australian exports, by sector

Balance of payments basis

|         | Farm a | Forest b | Fisheries c | Resource sector d | Total commodities | Total merchandise | Total goods and services |
|---------|--------|----------|-------------|-------------------|-------------------|-------------------|--------------------------|
|         | \$m    | \$m      | \$m         | \$m               | \$m               | \$m               | \$m                      |
| 1960-61 | 1 400  | 12       | 9           | na                | na                | 1 884             | 2 168                    |
| 1961-62 | 1 635  | 12       | 13          | na                | na                | 2 165             | 2 468                    |
| 1962-63 | 1 645  | 13       | 13          | na                | na                | 2 158             | 2 489                    |
| 1963-64 | 2 147  | 16       | 14          | na                | na                | 2 764             | 3 158                    |
| 1964-65 | 1 927  | 16       | 18          | na                | na                | 2 605             | 3 050                    |
| 1965-66 | 1 849  | 15       | 24          | na                | na                | 2 655             | 3 136                    |
| 1966-67 | 2 006  | 23       | 25          | na                | na                | 2 954             | 3 484                    |
| 1967-68 | 1 833  | 18       | 34          | na                | na                | 2 968             | 3 574                    |
| 1968-69 | 1 868  | 18       | 39          | na                | na                | 3 242             | 3 897                    |
| 1969-70 | 2 105  | 20       | 39          | 1 268             | 3 416             | 3 998             | 4 765                    |
| 1970-71 | 2 103  | 25       | 56          | 1 430             | 3 594             | 4 244             | 5 086                    |
| 1971-72 | 2 414  | 28       | 73          | 1 545             | 4 021             | 4 746             | 5 685                    |
| 1972-73 | 3 316  | 55       | 72          | 1 809             | 5 208             | 6 086             | 7 016                    |
| 1973-74 | 3 504  | 74       | 66          | 2 246             | 5 849             | 6 833             | 7 896                    |
| 1974-75 | 3 816  | 87       | 69          | 3 420             | 7 360             | 8 620             | 10 114                   |
| 1975-76 | 4 267  | 84       | 80          | 3 869             | 8 306             | 9 589             | 11 225                   |
| 1976-77 | 5 189  | 116      | 135         | 4 813             | 10 154            | 11 572            | 13 425                   |
| 1977-78 | 5 203  | 123      | 143         | 5 211             | 10 570            | 12 158            | 14 245                   |
| 1978-79 | 6 022  | 142      | 192         | 5 928             | 12 285            | 14 234            | 16 910                   |
| 1979-80 | 8 398  | 207      | 235         | 7 400             | 16 262            | 18 869            | 22 013                   |
| 1980-81 | 8 179  | 238      | 230         | 7 480             | 16 177            | 19 018            | 22 605                   |
| 1981-82 | 4 372  | 239      | 307         | 8 289             | 16 686            | 19 662            | 23 694                   |
| 1982-83 | 4 573  | 261      | 354         | 10 058            | 17 962            | 21 226            | 25 622                   |
| 1983-84 | 4 703  | 266      | 393         | 11 524            | 20 502            | 23 968            | 28 888                   |
| 1984-85 | 5 470  | 311      | 399         | 14 952            | 26 146            | 30 102            | 35 741                   |
| 1985-86 | 6 332  | 348      | 482         | 16 285            | 28 483            | 32 492            | 38 937                   |
| 1986-87 | 7 935  | 429      | 593         | 17 399            | 30 593            | 36 487            | 44 312                   |
| 1987-88 | 10 369 | 481      | 730         | 19 980            | 35 321            | 41 903            | 51 737                   |
| 1988-89 | 15 144 | 607      | 674         | 21 195            | 37 264            | 44 187            | 55 322                   |
| 1989-90 | 14 409 | 607      | 784         | 24 932            | 40 497            | 48 927            | 60 842                   |
| 1990-91 | 13 024 | 696      | 831         | 28 030            | 42 371            | 52 568            | 66 249                   |
| 1991-92 | 14 572 | 737      | 980         | 28 304            | 44 322            | 55 427            | 70 065                   |
| 1992-93 | 15 905 | 815      | 1 090       | 29 759            | 47 352            | 60 634            | 77 045                   |
| 1993-94 | 17 611 | 897      | 1 243       | 29 878            | 48 896            | 64 419            | 83 186                   |
| 1994-95 | 17 819 | 1 052    | 1 367       | 30 371            | 50 023            | 67 101            | 87 926                   |
| 1995-96 | 20 262 | 1 067    | 1 328       | 34 450            | 56 472            | 76 146            | 99 385                   |
| 1996-97 | 21 849 | 1 182    | 1 305       | 36 052            | 59 740            | 80 934            | 105 571                  |
| 1997-98 | 23 097 | 1 324    | 1 489       | 40 925            | 66 181            | 88 538            | 114 005                  |
| 1998-99 | 22 620 | 1 300    | 1 511       | 39 221            | 63 902            | 85 783            | 112 552                  |
| 1999-00 | 24 154 | 1 580    | 1 988       | 45 498            | 72 182            | 97 665            | 126 863                  |
| 2000-01 | 29 568 | 1 813    | 2 169       | 58 006            | 90 643            | 120 216           | 154 669                  |
| 2001-02 | 31 193 | 1 984    | 2 100       | 57 293            | 91 598            | 120 950           | 154 778                  |
| 2002-03 | 27 164 | 2 060    | 1 844       | 56 937            | 86 795            | 115 800           | 149 691                  |
| 2003-04 | 26 240 | 2 002    | 1 652       | 53 539            | 82 396            | 109 504           | 144 676                  |
| 2004-05 | 27 615 | 2 089    | 1 542       | 68 457            | 98 807            | 127 903           | 164 390                  |
| 2005-06 | 27 634 | 2 109    | 1 549       | 90 533            | 120 970           | 153 946           | 192 149                  |

a Includes exports of wine. b Includes paper and paperboard. c Tuna captured under joint venture agreements or transhipped at sea are not included. d Minerals and energy resources. Before 1990-91, includes ABARE estimates for items such as bauxite, manganese and diamonds which were excluded from ABS estimates for confidentiality reasons. From July 1990, ABS estimates contain details for such items. na Not available.

Sources: ABS, *Balance of Payments, Australia*, cat. nos. 5302.0 and 5303.0, Canberra; ABARE.

## 5 Contribution to Australian merchandise exports, by sector

Balance of payments basis

|         | Farm a | Forest b | Fisheries c | Resource sector d | Total commodities |
|---------|--------|----------|-------------|-------------------|-------------------|
|         | %      | %        | %           | %                 | %                 |
| 1960-61 | 74.3   | 0.6      | 0.5         | na                | na                |
| 1961-62 | 75.5   | 0.6      | 0.6         | na                | na                |
| 1962-63 | 76.2   | 0.6      | 0.6         | na                | na                |
| 1963-64 | 77.7   | 0.6      | 0.5         | na                | na                |
| 1964-65 | 74.0   | 0.6      | 0.7         | na                | na                |
| 1965-66 | 69.7   | 0.5      | 0.9         | na                | na                |
| 1966-67 | 67.9   | 0.8      | 0.8         | na                | na                |
| 1967-68 | 61.7   | 0.6      | 1.1         | na                | na                |
| 1968-69 | 57.6   | 0.5      | 1.2         | na                | na                |
| 1969-70 | 52.7   | 0.5      | 1.0         | 31.7              | 85.4              |
| 1970-71 | 49.5   | 0.6      | 1.3         | 33.7              | 84.7              |
| 1971-72 | 50.9   | 0.6      | 1.5         | 32.6              | 84.7              |
| 1972-73 | 54.5   | 0.9      | 1.2         | 29.7              | 85.6              |
| 1973-74 | 51.3   | 1.1      | 1.0         | 32.9              | 85.6              |
| 1974-75 | 44.3   | 1.0      | 0.8         | 39.7              | 85.4              |
| 1975-76 | 44.5   | 0.9      | 0.8         | 40.3              | 86.6              |
| 1976-77 | 44.8   | 1.0      | 1.2         | 41.6              | 87.7              |
| 1977-78 | 42.8   | 1.0      | 1.2         | 42.9              | 86.9              |
| 1978-79 | 42.3   | 1.0      | 1.3         | 41.6              | 86.3              |
| 1979-80 | 44.5   | 1.1      | 1.2         | 39.2              | 86.2              |
| 1980-81 | 43.0   | 1.3      | 1.2         | 39.3              | 85.1              |
| 1981-82 | 22.2   | 1.2      | 1.6         | 42.2              | 84.9              |
| 1982-83 | 21.5   | 1.2      | 1.7         | 47.4              | 84.6              |
| 1983-84 | 19.6   | 1.1      | 1.6         | 48.1              | 85.5              |
| 1984-85 | 18.2   | 1.0      | 1.3         | 49.7              | 86.9              |
| 1985-86 | 19.5   | 1.1      | 1.5         | 50.1              | 87.7              |
| 1986-87 | 21.7   | 1.2      | 1.6         | 47.7              | 83.8              |
| 1987-88 | 24.7   | 1.1      | 1.7         | 47.7              | 84.3              |
| 1988-89 | 34.3   | 1.4      | 1.5         | 48.0              | 84.3              |
| 1989-90 | 29.4   | 1.2      | 1.6         | 51.0              | 82.8              |
| 1990-91 | 24.8   | 1.3      | 1.6         | 53.3              | 80.6              |
| 1991-92 | 26.3   | 1.3      | 1.8         | 51.1              | 80.0              |
| 1992-93 | 26.2   | 1.3      | 1.8         | 49.1              | 78.1              |
| 1993-94 | 27.3   | 1.4      | 1.9         | 46.4              | 75.9              |
| 1994-95 | 26.6   | 1.6      | 2.0         | 45.3              | 74.5              |
| 1995-96 | 26.6   | 1.4      | 1.7         | 45.2              | 74.2              |
| 1996-97 | 27.0   | 1.5      | 1.6         | 44.5              | 73.8              |
| 1997-98 | 26.1   | 1.5      | 1.7         | 46.2              | 74.7              |
| 1998-99 | 26.4   | 1.5      | 1.8         | 45.7              | 74.5              |
| 1999-00 | 24.7   | 1.6      | 2.0         | 46.6              | 73.9              |
| 2000-01 | 24.6   | 1.5      | 1.8         | 48.3              | 75.4              |
| 2001-02 | 25.8   | 1.6      | 1.7         | 47.4              | 75.7              |
| 2002-03 | 23.5   | 1.8      | 1.6         | 49.2              | 75.0              |
| 2003-04 | 24.0   | 1.8      | 1.5         | 48.9              | 75.2              |
| 2004-05 | 21.6   | 1.6      | 1.2         | 53.5              | 77.3              |
| 2005-06 | 18.0   | 1.4      | 1.0         | 58.8              | 78.6              |

**a** Includes exports of wine. **b** Includes paper and paperboard. **c** Tuna captured under joint venture agreements or transhipped at sea are not included. **d** Minerals and energy resources. Before 1990-91, includes ABARE estimates for items such as bauxite, manganese and diamonds which were excluded from ABS estimates for confidentiality reasons. From July 1990, ABS estimates contain details for such items. **na** Not available.

Sources: ABS, *Balance of Payments, Australia*, cat. nos. 5302.0 and 5303.0, Canberra; ABARE.

## 6 Contribution to Australian total exports, by sector

Balance of payments basis

|         | Farm a<br>% | Forest b<br>% | Fisheries c<br>% | Resource<br>sector d<br>% | Total<br>commodities<br>% | Total<br>merchandise<br>% | Services<br>% |
|---------|-------------|---------------|------------------|---------------------------|---------------------------|---------------------------|---------------|
| 1960-61 | 64.6        | 0.5           | 0.4              | na                        | na                        | 86.9                      | 13.1          |
| 1961-62 | 66.2        | 0.5           | 0.5              | na                        | na                        | 87.7                      | 12.3          |
| 1962-63 | 66.1        | 0.5           | 0.5              | na                        | na                        | 86.7                      | 13.3          |
| 1963-64 | 68.0        | 0.5           | 0.4              | na                        | na                        | 87.5                      | 12.5          |
| 1964-65 | 63.2        | 0.5           | 0.6              | na                        | na                        | 85.4                      | 14.6          |
| 1965-66 | 59.0        | 0.5           | 0.8              | na                        | na                        | 84.7                      | 15.3          |
| 1966-67 | 57.6        | 0.7           | 0.7              | na                        | na                        | 84.8                      | 15.2          |
| 1967-68 | 51.3        | 0.5           | 1.0              | na                        | na                        | 83.0                      | 17.0          |
| 1968-69 | 47.9        | 0.5           | 1.0              | na                        | na                        | 83.2                      | 16.8          |
| 1969-70 | 44.2        | 0.4           | 0.8              | 26.6                      | 71.7                      | 83.9                      | 16.1          |
| 1970-71 | 41.3        | 0.5           | 1.1              | 28.1                      | 70.7                      | 83.4                      | 16.6          |
| 1971-72 | 42.5        | 0.5           | 1.3              | 27.2                      | 70.7                      | 83.5                      | 16.5          |
| 1972-73 | 47.3        | 0.8           | 1.0              | 25.8                      | 74.2                      | 86.7                      | 13.3          |
| 1973-74 | 44.4        | 0.9           | 0.8              | 28.4                      | 74.1                      | 86.5                      | 13.5          |
| 1974-75 | 37.7        | 0.9           | 0.7              | 33.8                      | 72.8                      | 85.2                      | 14.8          |
| 1975-76 | 38.0        | 0.7           | 0.7              | 34.5                      | 74.0                      | 85.4                      | 14.6          |
| 1976-77 | 38.7        | 0.9           | 1.0              | 35.9                      | 75.6                      | 86.2                      | 13.8          |
| 1977-78 | 36.5        | 0.9           | 1.0              | 36.6                      | 74.2                      | 85.3                      | 14.7          |
| 1978-79 | 35.6        | 0.8           | 1.1              | 35.1                      | 72.6                      | 84.2                      | 15.8          |
| 1979-80 | 38.2        | 0.9           | 1.1              | 33.6                      | 73.9                      | 85.7                      | 14.3          |
| 1980-81 | 36.2        | 1.1           | 1.0              | 33.1                      | 71.6                      | 84.1                      | 15.9          |
| 1981-82 | 18.5        | 1.0           | 1.3              | 35.0                      | 70.4                      | 83.0                      | 17.0          |
| 1982-83 | 17.8        | 1.0           | 1.4              | 39.3                      | 70.1                      | 82.8                      | 17.2          |
| 1983-84 | 16.3        | 0.9           | 1.4              | 39.9                      | 71.0                      | 83.0                      | 17.0          |
| 1984-85 | 15.3        | 0.9           | 1.1              | 41.8                      | 73.2                      | 84.2                      | 15.8          |
| 1985-86 | 16.3        | 0.9           | 1.2              | 41.8                      | 73.2                      | 83.4                      | 16.6          |
| 1986-87 | 17.9        | 1.0           | 1.3              | 39.3                      | 69.0                      | 82.3                      | 17.7          |
| 1987-88 | 20.0        | 0.9           | 1.4              | 38.6                      | 68.3                      | 81.0                      | 19.0          |
| 1988-89 | 27.4        | 1.1           | 1.2              | 38.3                      | 67.4                      | 79.9                      | 20.1          |
| 1989-90 | 23.7        | 1.0           | 1.3              | 41.0                      | 66.6                      | 80.4                      | 19.6          |
| 1990-91 | 19.7        | 1.1           | 1.3              | 42.3                      | 64.0                      | 79.3                      | 20.7          |
| 1991-92 | 20.8        | 1.1           | 1.4              | 40.4                      | 63.3                      | 79.1                      | 20.9          |
| 1992-93 | 20.6        | 1.1           | 1.4              | 38.6                      | 61.5                      | 78.7                      | 21.3          |
| 1993-94 | 21.2        | 1.1           | 1.5              | 35.9                      | 58.8                      | 77.4                      | 22.6          |
| 1994-95 | 20.3        | 1.2           | 1.6              | 34.5                      | 56.9                      | 76.3                      | 23.7          |
| 1995-96 | 20.4        | 1.1           | 1.3              | 34.7                      | 56.8                      | 76.6                      | 23.4          |
| 1996-97 | 20.7        | 1.1           | 1.2              | 34.1                      | 56.6                      | 76.7                      | 23.3          |
| 1997-98 | 20.3        | 1.2           | 1.3              | 35.9                      | 58.1                      | 77.7                      | 22.3          |
| 1998-99 | 20.1        | 1.2           | 1.3              | 34.8                      | 56.8                      | 76.2                      | 23.8          |
| 1999-00 | 19.0        | 1.2           | 1.6              | 35.9                      | 56.9                      | 77.0                      | 23.0          |
| 2000-01 | 19.1        | 1.2           | 1.4              | 37.5                      | 58.6                      | 77.7                      | 22.3          |
| 2001-02 | 20.2        | 1.3           | 1.4              | 37.0                      | 59.2                      | 78.1                      | 21.9          |
| 2002-03 | 18.1        | 1.4           | 1.2              | 38.0                      | 58.0                      | 77.4                      | 22.6          |
| 2003-04 | 18.1        | 1.4           | 1.1              | 37.0                      | 57.0                      | 75.7                      | 24.3          |
| 2004-05 | 16.8        | 1.3           | 0.9              | 41.6                      | 60.1                      | 77.8                      | 22.2          |
| 2005-06 | 14.4        | 1.1           | 0.8              | 47.1                      | 63.0                      | 80.1                      | 19.9          |

a Includes exports of wine. b Includes paper and paperboard. c Tuna captured under joint venture agreements or transhipped at sea are not included. d Minerals and energy resources. Before 1990-91, includes ABARE estimates for items such as bauxite, manganese and diamonds which were excluded from ABS estimates for confidentiality reasons. From July 1990, ABS estimates contain details for such items. na Not available.

Sources: ABS, *Balance of Payments, Australia*, cat. nos. 5302.0 and 5303.0, Canberra; ABARE.



## 7 Value of Australian exports, by sector <sup>a</sup>

Chain volume measures

|         | Rural<br>products <sup>b</sup><br>\$m | Resource<br>sector<br>products <sup>c</sup><br>\$m | Other<br>merchandise<br>\$m | Total<br>merchandise <sup>d</sup><br>\$m | Services <sup>d</sup><br>\$m | Total<br>goods and<br>services <sup>d</sup><br>\$m |
|---------|---------------------------------------|--|-----------------------------|--|------------------------------|--|
| 1974-75 | 9 250                                 | 12 314   | 4 694                       | 26 258                                   | 6 755                        | 32 963   |
| 1975-76 | 11 328                                | 12 206   | 4 216                       | 27 750                                   | 6 431                        | 34 254   |
| 1976-77 | 12 713                                | 13 163   | 4 108                       | 29 984                                   | 6 531                        | 36 703   |
| 1977-78 | 12 763                                | 13 680   | 4 127                       | 30 570                                   | 6 824                        | 37 527   |
| 1978-79 | 12 901                                | 14 625   | 4 703                       | 32 229                                   | 8 021                        | 40 193   |
| 1979-80 | 14 066                                | 14 589   | 6 088                       | 34 743                                   | 8 219                        | 43 030   |
| 1980-81 | 12 569                                | 14 164   | 5 350                       | 32 083                                   | 8 979                        | 40 946   |
| 1981-82 | 12 824                                | 14 838   | 5 175                       | 32 837                                   | 9 207                        | 41 912   |
| 1982-83 | 12 012                                | 16 138   | 4 886                       | 33 036                                   | 9 157                        | 42 130   |
| 1983-84 | 11 942                                | 18 191   | 5 633                       | 35 766                                   | 9 630                        | 45 370   |
| 1984-85 | 13 931                                | 21 516   | 6 325                       | 41 772                                   | 10 424                       | 52 367   |
| 1985-86 | 14 878                                | 21 966   | 6 416                       | 43 260                                   | 10 916                       | 54 341   |
| 1986-87 | 15 737                                | 23 643   | 8 418                       | 47 798                                   | 12 178                       | 60 134   |
| 1987-88 | 15 466                                | 26 116   | 9 480                       | 51 062                                   | 14 541                       | 65 579   |
| 1988-89 | 14 569                                | 26 080   | 10 359                      | 51 008                                   | 15 808                       | 66 606   |
| 1989-90 | 14 824                                | 29 137   | 10 006                      | 53 967                                   | 16 037                       | 69 888   |
| 1990-91 | 16 181                                | 33 806   | 10 563                      | 60 550                                   | 17 571                       | 78 052   |
| 1991-92 | 17 628                                | 36 916   | 12 167                      | 66 710                                   | 18 461                       | 85 171   |
| 1992-93 | 18 896                                | 37 816   | 13 791                      | 70 503                                   | 20 538                       | 91 004   |
| 1993-94 | 20 893                                | 38 068   | 17 869                      | 76 830                                   | 23 244                       | 99 985   |
| 1994-95 | 19 688                                | 39 257   | 19 942                      | 78 886                                   | 26 260                       | 104 984  |
| 1995-96 | 21 690                                | 42 907   | 22 552                      | 87 150                                   | 28 603                       | 115 593  |
| 1996-97 | 24 496                                | 47 855   | 25 597                      | 97 947                                   | 29 986                       | 127 874  |
| 1997-98 | 25 853                                | 52 519   | 23 629                      | 102 001                                  | 30 545                       | 132 488  |
| 1998-99 | 26 708                                | 52 910   | 24 823                      | 104 440                                  | 31 772                       | 136 137  |
| 1999-00 | 29 413                                | 56 631   | 29 358                      | 115 402                                  | 33 879                       | 149 175  |
| 2000-01 | 30 772                                | 59 468   | 32 185                      | 122 425                                  | 38 134                       | 160 476  |
| 2001-02 | 32 308                                | 66 158   | 24 311                      | 122 777                                  | 36 464                       | 159 269  |
| 2002-03 | 27 921                                | 68 203   | 26 297                      | 122 420                                  | 35 557                       | 158 041  |
| 2003-04 | 29 030                                | 67 437   | 27 501                      | 123 967                                  | 36 244                       | 160 278  |
| 2004-05 | 30 352                                | 68 459   | 29 092                      | 127 903                                  | 36 487                       | 164 390  |
| 2005-06 | 30 660                                | 69 182   | 30 760                      | 130 602                                  | 36 920                       | 167 522  |

<sup>a</sup> Reference year 2004-05. <sup>b</sup> Before 1989-90, wine and paper and paperboard are excluded. <sup>c</sup> Minerals and energy resources. Before 1990-91, bauxite, diamonds and manganese are excluded. <sup>d</sup> Balance of payments basis.

Sources: ABS, *Balance of Payments, Australia*, cat. nos. 5302.0 and 5303.0, Canberra; ABS, *Balance of Payments, Australia – Historical Series on Microfiche*, cat. no. 5337.0, Canberra; ABARE.

## 8 Australian unit export returns

|                            | Rural |                               |       | Minerals        |                           |       | Total commodities |
|----------------------------|-------|-------------------------------|-------|-----------------|---------------------------|-------|-------------------|
|                            | Farm  | Forest and fisheries products | Total | Energy minerals | Metals and other minerals | Total |                   |
| <b>Annual indexes a</b>    |       |                               |       |                 |                           |       |                   |
| 1989-90                    | 100.0 | 100.0                         | 100.0 | 100.0           | 100.0                     | 100.0 | 100.0             |
| 1990-91                    | 85.9  | 101.2                         | 87.2  | 111.5           | 96.6                      | 102.0 | 96.8              |
| 1991-92                    | 87.6  | 106.0                         | 89.1  | 103.6           | 88.1                      | 93.7  | 92.0              |
| 1992-93                    | 90.0  | 111.3                         | 91.8  | 109.7           | 92.1                      | 98.5  | 96.1              |
| 1993-94                    | 89.4  | 126.6                         | 92.5  | 100.2           | 88.6                      | 92.8  | 92.7              |
| 1994-95                    | 99.7  | 129.8                         | 102.2 | 94.3            | 92.3                      | 93.0  | 96.2              |
| 1995-96                    | 105.0 | 126.8                         | 106.8 | 101.5           | 95.3                      | 97.5  | 100.7             |
| 1996-97                    | 95.0  | 125.2                         | 97.4  | 103.2           | 86.9                      | 92.9  | 94.4              |
| 1997-98                    | 101.8 | 125.8                         | 103.7 | 106.0           | 94.8                      | 98.9  | 100.5             |
| 1998-99                    | 92.9  | 123.7                         | 95.4  | 96.8            | 92.4                      | 94.0  | 94.5              |
| 1999-00                    | 90.2  | 133.2                         | 93.7  | 110.4           | 98.0                      | 102.7 | 99.4              |
| 2000-01                    | 108.4 | 145.1                         | 111.4 | 141.0           | 115.6                     | 125.4 | 120.4             |
| 2001-02                    | 117.8 | 143.2                         | 119.8 | 140.8           | 110.3                     | 122.2 | 121.3             |
| 2002-03                    | 115.9 | 136.1                         | 117.5 | 135.2           | 105.9                     | 117.4 | 117.2             |
| 2003-04                    | 106.7 | 125.1                         | 108.1 | 120.2           | 105.1                     | 111.1 | 110.0             |
| 2004-05                    | 105.8 | 126.8                         | 107.5 | 166.1           | 124.9                     | 140.9 | 130.0             |
| 2005-06                    | 105.9 | 129.7                         | 107.8 | 225.1           | 161.1                     | 185.8 | 160.3             |
| <b>Quarterly indexes b</b> |       |                               |       |                 |                           |       |                   |
| <b>2003-04</b>             |       |                               |       |                 |                           |       |                   |
| September                  | 106.8 | 95.6                          | 105.5 | 124.9           | 109.3                     | 115.7 | 111.7             |
| December                   | 107.0 | 97.7                          | 105.8 | 118.8           | 110.3                     | 114.0 | 110.7             |
| March                      | 105.4 | 94.2                          | 103.5 | 119.9           | 108.5                     | 113.2 | 109.5             |
| June                       | 109.3 | 97.9                          | 108.6 | 146.5           | 127.1                     | 134.9 | 124.8             |
| <b>2004-05</b>             |       |                               |       |                 |                           |       |                   |
| September                  | 108.9 | 103.3                         | 108.5 | 163.3           | 131.8                     | 144.4 | 131.2             |
| December                   | 105.8 | 97.1                          | 104.6 | 166.7           | 127.8                     | 143.3 | 129.2             |
| March                      | 106.1 | 95.1                          | 104.4 | 164.5           | 131.1                     | 144.5 | 130.1             |
| June                       | 104.0 | 95.1                          | 103.5 | 210.1           | 151.3                     | 174.5 | 149.3             |
| <b>2005-06</b>             |       |                               |       |                 |                           |       |                   |
| September                  | 103.2 | 99.1                          | 102.8 | 232.3           | 158.8                     | 187.5 | 158.0             |
| December                   | 105.8 | 100.3                         | 104.3 | 242.1           | 164.5                     | 194.8 | 163.6             |
| March                      | 106.5 | 101.2                         | 105.7 | 243.1           | 177.9                     | 203.7 | 169.7             |
| June                       | 108.5 | 99.5                          | 108.4 | 241.4           | 197.5                     | 215.5 | 177.8             |

a In Australian dollars. Base: 1989-90 = 100. b In Australian dollars. Base 1994-95 = 100.  
Source: ABARE.

## 9 Australian main macroeconomic indicators

|         | Growth of<br>real gross<br>domestic<br>product<br>% | Interest rates                  |                                | Inflation <sup>c</sup><br>% | Consumer<br>price<br>index <sup>d</sup> |
|---------|---|---------------------------------|--------------------------------|-----------------------------|---|
|         |   | Short<br>term <sup>a</sup><br>% | Long<br>term <sup>b</sup><br>% |                             |   |
| 1960-61 | 3.6   | na                              | na                             | 4.3                         | 14.1                                    |
| 1961-62 | 1.4   | na                              | na                             | 0.4                         | 14.1                                    |
| 1962-63 | 6.8   | na                              | na                             | 0.0                         | 14.1                                    |
| 1963-64 | 6.9   | na                              | na                             | 1.2                         | 14.3                                    |
| 1964-65 | 6.7   | na                              | na                             | 3.5                         | 14.8                                    |
| 1965-66 | 1.7   | na                              | na                             | 3.7                         | 15.3                                    |
| 1966-67 | 6.6   | na                              | na                             | 2.6                         | 15.7                                    |
| 1967-68 | 4.5   | na                              | na                             | 3.5                         | 16.3                                    |
| 1968-69 | 8.1   | na                              | na                             | 2.6                         | 16.7                                    |
| 1969-70 | 6.0   | 6.7                             | 6.1                            | 3.1                         | 17.2                                    |
| 1970-71 | 3.9   | 7.1                             | 6.8                            | 4.5                         | 18.0                                    |
| 1971-72 | 3.8   | 6.0                             | 6.2                            | 6.9                         | 19.3                                    |
| 1972-73 | 3.5   | 5.1                             | 5.9                            | 6.1                         | 20.4                                    |
| 1973-74 | 5.1   | 11.3                            | 8.2                            | 12.9                        | 23.1                                    |
| 1974-75 | 1.1   | 10.5                            | 9.5                            | 16.8                        | 26.9                                    |
| 1975-76 | 2.7   | 8.6                             | 10.0                           | 12.9                        | 30.4                                    |
| 1976-77 | 3.2   | 9.8                             | 10.2                           | 13.9                        | 34.6                                    |
| 1977-78 | 0.8   | 10.4                            | 9.6                            | 9.5                         | 37.9                                    |
| 1978-79 | 5.5   | 9.6                             | 9.2                            | 8.2                         | 41.0                                    |
| 1979-80 | 2.4   | 11.2                            | 10.7                           | 10.2                        | 45.2                                    |
| 1980-81 | 3.2   | 13.4                            | 12.6                           | 9.3                         | 49.4                                    |
| 1981-82 | 3.1   | 17.0                            | 15.1                           | 10.5                        | 54.6                                    |
| 1982-83 | -2.6  | 14.0                            | 14.6                           | 11.5                        | 60.9                                    |
| 1983-84 | 5.3   | 11.9                            | 13.8                           | 6.7                         | 65.0                                    |
| 1984-85 | 5.1   | 13.4                            | 13.4                           | 4.3                         | 67.8                                    |
| 1985-86 | 4.2   | 16.8                            | 13.7                           | 8.4                         | 73.5                                    |
| 1986-87 | 2.5   | 15.7                            | 13.5                           | 9.4                         | 80.4                                    |
| 1987-88 | 5.4   | 11.8                            | 12.5                           | 7.3                         | 86.3                                    |
| 1988-89 | 4.0   | 15.7                            | 12.8                           | 7.3                         | 92.6                                    |
| 1989-90 | 3.7   | 16.9                            | 13.3                           | 8.0                         | 100.0                                   |
| 1990-91 | -0.1  | 12.2                            | 12.2                           | 5.3                         | 105.3                                   |
| 1991-92 | 0.3   | 8.1                             | 10.0                           | 1.9                         | 107.3                                   |
| 1992-93 | 3.7   | 5.6                             | 8.3                            | 1.0                         | 108.4                                   |
| 1993-94 | 3.9   | 4.9                             | 7.4                            | 1.8                         | 110.4                                   |
| 1994-95 | 4.3   | 7.2                             | 9.9                            | 3.2                         | 113.9                                   |
| 1995-96 | 4.2   | 7.5                             | 8.7                            | 4.2                         | 118.7                                   |
| 1996-97 | 3.8   | 6.3                             | 7.6                            | 1.3                         | 120.3                                   |
| 1997-98 | 4.5   | 5.0                             | 6.0                            | 0.0                         | 120.3                                   |
| 1998-99 | 5.3   | 4.9                             | 5.5                            | 1.2                         | 121.8                                   |
| 1999-00 | 3.8   | 5.6                             | 6.5                            | 2.4                         | 124.7                                   |
| 2000-01 | 2.0   | 5.8                             | 5.8                            | 6.0                         | 132.2                                   |
| 2001-02 | 3.9   | 4.6                             | 5.9                            | 2.9                         | 136.0                                   |
| 2002-03 | 3.2   | 4.8                             | 5.4                            | 3.1                         | 140.2                                   |
| 2003-04 | 4.0   | 5.3                             | 5.9                            | 2.4                         | 143.5                                   |
| 2004-05 | 2.6   | 5.5                             | 5.1                            | 2.4                         | 147.0                                   |
| 2005-06 | 2.7   | 5.7                             | 5.8                            | 3.2                         | 151.7                                   |

<sup>a</sup> 90 day bank bills, average of end-of-month data. <sup>b</sup> 10 year Treasury bonds, average of end-of-month data. <sup>c</sup> Percentage change in the consumer price index. <sup>d</sup> 1989-90 = 100. **na** Not available.

Sources: ABS, *Australian National Accounts, National Income, Expenditure and Product*, cat. no. 5206.0, Canberra; ABS, *Balance of Payments, Australia*, cat. no. 5302.0, Canberra; ABS, *Consumer Price Index*, cat. no. 6401.0, Canberra; ABS, *Quarterly Index of Industrial Production, Australia*, cat. no. 8125.0, Canberra; Reserve Bank of Australia, *Bulletin*, Sydney.

## 10 Australian trade balance and foreign debt

|         | Balance on         |         | Current account      |          | Terms of | Net foreign debt <sup>c</sup> |       |          |
|---------|--------------------|---------|----------------------|----------|----------|-------------------------------|-------|----------|
|         | goods and services |         | balance <sup>a</sup> |          |          | trade <sup>b</sup>            | Level | Share of |
|         | Imports            | Exports | Level                | Share of |          |                               |       |          |
|         | \$m                | \$m     | \$m                  | GDP      |          | \$m                           | %     |          |
| 1960-61 | 2 636              | 2 168   | -748                 | -4.5     | 104.2    | na                            | 0.0   |          |
| 1961-62 | 2 243              | 2 468   | -8                   | -0.2     | 106.0    | na                            | 0.0   |          |
| 1962-63 | 2 656              | 2 489   | -468                 | -2.6     | 107.7    | na                            | 0.0   |          |
| 1963-64 | 2 920              | 3 158   | -70                  | -0.6     | 119.3    | na                            | 0.0   |          |
| 1964-65 | 3 535              | 3 050   | -780                 | -3.6     | 113.0    | na                            | 0.0   |          |
| 1965-66 | 3 683              | 3 136   | -889                 | -3.9     | 113.5    | na                            | 0.0   |          |
| 1966-67 | 3 770              | 3 484   | -659                 | -2.7     | 112.8    | na                            | 0.0   |          |
| 1967-68 | 4 224              | 3 574   | -1 131               | -4.2     | 108.0    | na                            | 0.0   |          |
| 1968-69 | 4 360              | 3 897   | -980                 | -3.3     | 111.4    | na                            | 0.0   |          |
| 1969-70 | 4 871              | 4 765   | -688                 | -2.2     | 112.7    | na                            | 0.0   |          |
| 1970-71 | 5 214              | 5 086   | -749                 | -2.1     | 101.5    | na                            | 0.0   |          |
| 1971-72 | 5 351              | 5 685   | -293                 | -0.8     | 99.5     | na                            | 0.0   |          |
| 1972-73 | 5 512              | 7 016   | 754                  | 1.4      | 117.9    | na                            | 0.0   |          |
| 1973-74 | 7 996              | 7 896   | -921                 | -1.6     | 127.1    | na                            | 0.0   |          |
| 1974-75 | 10 510             | 10 114  | -1 195               | -1.8     | 115.5    | na                            | 0.0   |          |
| 1975-76 | 11 163             | 11 225  | -1 423               | -1.8     | 110.4    | 3 133                         | 4.0   |          |
| 1976-77 | 14 106             | 13 425  | -2 451               | -2.6     | 106.9    | 5 160                         | 5.7   |          |
| 1977-78 | 15 342             | 14 245  | -3 067               | -3.0     | 96.9     | 7 434                         | 7.5   |          |
| 1978-79 | 18 260             | 16 910  | -3 708               | -3.2     | 97.8     | 9 553                         | 8.5   |          |
| 1979-80 | 21 444             | 22 013  | -2 168               | -1.6     | 101.4    | 7 923                         | 6.2   |          |
| 1980-81 | 25 530             | 22 605  | -5 763               | -3.8     | 100.5    | 9 361                         | 6.4   |          |
| 1981-82 | 29 660             | 23 694  | -9 057               | -5.2     | 98.5     | 18 378                        | 11.0  |          |
| 1982-83 | 29 667             | 25 622  | -6 864               | -3.7     | 97.8     | 25 169                        | 14.0  |          |
| 1983-84 | 32 162             | 28 888  | -7 836               | -3.7     | 100.0    | 31 850                        | 15.7  |          |
| 1984-85 | 40 790             | 35 741  | -11 281              | -4.9     | 97.5     | 53 055                        | 23.6  |          |
| 1985-86 | 47 199             | 38 937  | -15 499              | -6.1     | 88.4     | 78 396                        | 31.5  |          |
| 1986-87 | 49 032             | 44 312  | -12 547              | -4.5     | 81.8     | 87 971                        | 32.3  |          |
| 1987-88 | 54 080             | 51 737  | -11 545              | -3.6     | 88.3     | 98 767                        | 30.9  |          |
| 1988-89 | 62 296             | 55 322  | -19 017              | -5.2     | 100.3    | 117 240                       | 31.5  |          |
| 1989-90 | 68 771             | 60 842  | -22 795              | -5.7     | 107.6    | 130 620                       | 32.9  |          |
| 1990-91 | 66 948             | 66 249  | -17 470              | -4.3     | 101.6    | 142 065                       | 35.0  |          |
| 1991-92 | 69 269             | 70 065  | -13 264              | -3.2     | 79.8     | 162 466                       | 39.0  |          |
| 1992-93 | 79 098             | 77 045  | -14 958              | -3.4     | 76.4     | 177 453                       | 40.5  |          |
| 1993-94 | 85 424             | 83 186  | -15 904              | -3.5     | 74.2     | 171 313                       | 37.2  |          |
| 1994-95 | 97 778             | 87 926  | -28 292              | -5.8     | 76.1     | 190 790                       | 39.2  |          |
| 1995-96 | 101 241            | 99 385  | -21 325              | -4.1     | 78.5     | 193 872                       | 37.4  |          |
| 1996-97 | 103 828            | 105 571 | -17 429              | -3.2     | 80.9     | 208 628                       | 38.2  |          |
| 1997-98 | 118 973            | 114 005 | -23 037              | -4.0     | 80.9     | 227 782                       | 39.4  |          |
| 1998-99 | 127 122            | 112 552 | -33 749              | -5.6     | 76.3     | 230 689                       | 38.0  |          |
| 1999-00 | 140 912            | 126 863 | -32 080              | -5.0     | 79.5     | 272 639                       | 42.3  |          |
| 2000-01 | 153 910            | 154 669 | -17 946              | -2.6     | 81.8     | 302 467                       | 43.9  |          |
| 2001-02 | 154 580            | 154 778 | -19 486              | -2.6     | 83.2     | 324 147                       | 44.1  |          |
| 2002-03 | 167 170            | 149 691 | -40 184              | -5.1     | 84.8     | 356 995                       | 45.6  |          |
| 2003-04 | 167 706            | 144 676 | -47 033              | -5.6     | 90.8     | 390 565                       | 46.6  |          |
| 2004-05 | 188 881            | 164 390 | -57 557              | -6.4     | 100.0    | 431 941                       | 48.3  |          |
| 2005-06 | 208 665            | 192 149 | -54 420              | -5.8     | 111.0    | 493 828                       | 52.2  |          |

<sup>a</sup> Negative sign indicates current account deficit. <sup>b</sup> Ratio of implicit price deflator for exports of goods and services to implicit price deflator for imports of goods and services. Base: 2004-05 = 100. <sup>c</sup> As at 30 June. **na** Not available.

Sources: ABS, *Australian National Accounts, National Income, Expenditure and Product*, cat. no. 5206.0, Canberra; ABS, *Balance of Payments, Australia*, cat. no. 5302.0, Canberra; ABS, *International Investment Position, Australia*, cat. no. 5306.0, Canberra; Reserve Bank of Australia, *Bulletin*, Sydney.

## 11 Average Australian exchange rates with selected countries <sup>a</sup>

|         | Japan<br>¥/A\$ | United<br>States<br>US\$/A\$ | New<br>Zealand<br>NZ\$/A\$ | Korea,<br>Rep. of b<br>won/A\$ | United<br>Kingdom<br>£/A\$ | Euro<br>€/A\$ | Trade<br>weighted<br>index <sup>c</sup> |
|---------|----------------|------------------------------|----------------------------|--------------------------------|----------------------------|---------------|---|
| 1960-61 | 402.22         | 1.1193                       | 0.805                      | na                             | 0.399                      | na            | na                                      |
| 1961-62 | 405.56         | 1.1213                       | 0.805                      | na                             | 0.399                      | na            | na                                      |
| 1962-63 | 402.46         | 1.1185                       | 0.805                      | na                             | 0.399                      | na            | na                                      |
| 1963-64 | 404.76         | 1.1168                       | 0.805                      | na                             | 0.399                      | na            | na                                      |
| 1964-65 | 402.18         | 1.1137                       | 0.805                      | 287.6                          | 0.399                      | na            | na                                      |
| 1965-66 | 404.03         | 1.1163                       | 0.805                      | 303.4                          | 0.399                      | na            | na                                      |
| 1966-67 | 403.88         | 1.1144                       | 0.805                      | 301.6                          | 0.399                      | na            | na                                      |
| 1967-68 | 403.87         | 1.1155                       | 0.912                      | 304.4                          | 0.466                      | na            | na                                      |
| 1968-69 | 398.92         | 1.1124                       | 1.000                      | 312.5                          | 0.466                      | na            | na                                      |
| 1969-70 | 399.88         | 1.1160                       | 1.000                      | 335.1                          | 0.466                      | na            | na                                      |
| 1970-71 | 400.22         | 1.1185                       | 1.000                      | 357.6                          | 0.466                      | na            | 99.6                                    |
| 1971-72 | 371.74         | 1.1710                       | 1.000                      | 443.9                          | 0.462                      | na            | 98.8                                    |
| 1972-73 | 367.32         | 1.2835                       | 1.032                      | 513.9                          | 0.524                      | na            | 104.4                                   |
| 1973-74 | 408.19         | 1.4743                       | 1.034                      | 587.0                          | 0.617                      | na            | 115.5                                   |
| 1974-75 | 404.94         | 1.3700                       | 1.016                      | 611.2                          | 0.584                      | na            | 107.7                                   |
| 1975-76 | 379.39         | 1.2613                       | 1.193                      | 610.3                          | 0.633                      | na            | 105.3                                   |
| 1976-77 | 330.52         | 1.1531                       | 1.193                      | 557.4                          | 0.674                      | na            | 96.3                                    |
| 1977-78 | 273.88         | 1.1276                       | 1.127                      | 545.9                          | 0.618                      | na            | 89.3                                    |
| 1978-79 | 227.36         | 1.1365                       | 1.079                      | 550.0                          | 0.568                      | na            | 83.2                                    |
| 1979-80 | 259.57         | 1.1143                       | 1.132                      | 594.3                          | 0.499                      | na            | 83.8                                    |
| 1980-81 | 248.28         | 1.1612                       | 1.233                      | 759.7                          | 0.508                      | na            | 87.6                                    |
| 1981-82 | 257.36         | 1.1048                       | 1.374                      | 776.6                          | 0.601                      | na            | 91.0                                    |
| 1982-83 | 232.66         | 0.9383                       | 1.333                      | 705.5                          | 0.581                      | na            | 81.8                                    |
| 1983-84 | 211.95         | 0.9057                       | 1.382                      | 718.7                          | 0.623                      | na            | 81.5                                    |
| 1984-85 | 192.55         | 0.7741                       | 1.611                      | 643.2                          | 0.634                      | na            | 75.5                                    |
| 1985-86 | 140.21         | 0.6979                       | 1.291                      | 625.7                          | 0.485                      | na            | 62.3                                    |
| 1986-87 | 100.84         | 0.6609                       | 1.231                      | 567.4                          | 0.433                      | na            | 53.8                                    |
| 1987-88 | 97.11          | 0.7262                       | 1.122                      | 565.9                          | 0.415                      | na            | 54.8                                    |
| 1988-89 | 106.55         | 0.8139                       | 1.302                      | 560.8                          | 0.474                      | na            | 61.6                                    |
| 1989-90 | 112.49         | 0.7667                       | 1.302                      | 529.4                          | 0.470                      | na            | 60.0                                    |
| 1990-91 | 107.01         | 0.7824                       | 1.304                      | 564.4                          | 0.422                      | na            | 58.9                                    |
| 1991-92 | 100.45         | 0.7664                       | 1.380                      | 584.6                          | 0.436                      | na            | 55.4                                    |
| 1992-93 | 82.57          | 0.6968                       | 1.306                      | 552.9                          | 0.447                      | na            | 52.3                                    |
| 1993-94 | 73.01          | 0.6889                       | 1.224                      | 568.4                          | 0.460                      | na            | 51.4                                    |
| 1994-95 | 69.96          | 0.7390                       | 1.169                      | 584.8                          | 0.468                      | na            | 52.8                                    |
| 1995-96 | 77.02          | 0.7553                       | 1.130                      | 589.5                          | 0.488                      | na            | 54.8                                    |
| 1996-97 | 89.90          | 0.7801                       | 1.126                      | 666.7                          | 0.483                      | na            | 58.7                                    |
| 1997-98 | 85.56          | 0.6797                       | 1.142                      | 850.8                          | 0.412                      | na            | 58.3                                    |
| 1998-99 | 77.55          | 0.6257                       | 1.181                      | 784.1                          | 0.381                      | na            | 56.0                                    |
| 1999-00 | 67.88          | 0.6295                       | 1.248                      | 726.1                          | 0.395                      | 0.628         | 55.2                                    |
| 2000-01 | 61.42          | 0.5391                       | 1.266                      | 653.2                          | 0.371                      | 0.604         | 50.3                                    |
| 2001-02 | 65.90          | 0.5238                       | 1.215                      | 677.2                          | 0.363                      | 0.585         | 50.6                                    |
| 2002-03 | 69.75          | 0.5838                       | 1.121                      | 705.2                          | 0.368                      | 0.558         | 53.4                                    |
| 2003-04 | 78.56          | 0.7113                       | 1.130                      | 841.0                          | 0.409                      | 0.597         | 61.4                                    |
| 2004-05 | 80.14          | 0.7513                       | 1.077                      | 807.4                          | 0.404                      | 0.590         | 62.7                                    |
| 2005-06 | 85.45          | 0.7457                       | 1.113                      | 753.7                          | 0.418                      | 0.610         | 63.3                                    |

<sup>a</sup> Period average. As at 1 October 2005, the five most important currencies and their weights in the trade weighted index for the Australian dollar were the Japanese yen (16.36 per cent), European Euro (13.08 per cent), Chinese renminbi (12.75 per cent), US dollar (11.94 per cent) and Korean won (5.72 per cent). <sup>b</sup> Average of end-of-month data. <sup>c</sup> Base: May 1970=100. Period average. **na** Not available. Sources: ABS, *Average Monthly Exchange Rates*, cat. no. 5654.0, Canberra; Reserve Bank of Australia, *Bulletin*, Sydney.

macroeconomic indicators

12 Exchange rates of selected countries <sup>a</sup>

|      | Australia<br>A\$/US\$ | Japan<br>¥/US\$ | Euro<br>€/US\$ | United<br>Kingdom<br>£/US\$ | Real effective exchange rates <sup>b</sup> |       |         |
|------|-----------------------|-----------------|----------------|-----------------------------|--|-------|---------|
|      |                       |                 |                |                             | United<br>States                           | Japan | Germany |
| 1960 | 0.8929                | 360.00          | na             | 0.3571                      | na   | na    | na      |
| 1961 | 0.8929                | 360.00          | na             | 0.3571                      | na   | na    | na      |
| 1962 | 0.8929                | 360.00          | na             | 0.3571                      | na   | na    | na      |
| 1963 | 0.8929                | 360.00          | na             | 0.3571                      | na   | na    | na      |
| 1964 | 0.8929                | 360.00          | na             | 0.3571                      | na   | na    | na      |
| 1965 | 0.8929                | 360.00          | na             | 0.3571                      | na   | na    | na      |
| 1966 | 0.8929                | 360.00          | na             | 0.3571                      | na   | na    | na      |
| 1967 | 0.8929                | 360.00          | na             | 0.3614                      | na   | na    | na      |
| 1968 | 0.8929                | 360.00          | na             | 0.4167                      | na   | na    | na      |
| 1969 | 0.8929                | 360.00          | na             | 0.4167                      | na   | na    | na      |
| 1970 | 0.8929                | 360.00          | na             | 0.4167                      | na   | na    | na      |
| 1971 | 0.8817                | 350.68          | na             | 0.4108                      | na   | na    | na      |
| 1972 | 0.8387                | 303.17          | na             | 0.3997                      | na   | na    | na      |
| 1973 | 0.7035                | 271.70          | na             | 0.4078                      | na   | na    | na      |
| 1974 | 0.6947                | 292.08          | na             | 0.4275                      | na   | na    | na      |
| 1975 | 0.7632                | 296.79          | na             | 0.4501                      | 117.6                                      | 88.0  | 80.1    |
| 1976 | 0.8162                | 296.55          | na             | 0.5536                      | 120.6                                      | 87.1  | 81.1    |
| 1977 | 0.9017                | 268.51          | na             | 0.5729                      | 118.6                                      | 93.3  | 85.3    |
| 1978 | 0.8736                | 210.44          | na             | 0.5210                      | 105.2                                      | 76.7  | 76.7    |
| 1979 | 0.8945                | 219.14          | na             | 0.4714                      | 103.9                                      | 67.6  | 78.0    |
| 1980 | 0.8776                | 226.74          | na             | 0.4299                      | 105.7                                      | 60.6  | 76.7    |
| 1981 | 0.8701                | 220.54          | na             | 0.4931                      | 116.8                                      | 65.1  | 69.6    |
| 1982 | 0.9829                | 249.08          | na             | 0.5713                      | 129.3                                      | 57.6  | 70.7    |
| 1983 | 1.1082                | 237.51          | na             | 0.6592                      | 131.1                                      | 61.3  | 73.1    |
| 1984 | 1.1369                | 237.52          | na             | 0.7483                      | 138.3                                      | 62.7  | 72.0    |
| 1985 | 1.4269                | 238.54          | na             | 0.7714                      | 143.5                                      | 62.2  | 73.0    |
| 1986 | 1.4906                | 168.52          | na             | 0.6817                      | 118.7                                      | 78.3  | 81.8    |
| 1987 | 1.4268                | 144.64          | na             | 0.6102                      | 103.7                                      | 82.1  | 88.7    |
| 1988 | 1.2752                | 128.15          | na             | 0.5614                      | 97.8                                       | 87.3  | 89.8    |
| 1989 | 1.2618                | 137.96          | na             | 0.6099                      | 98.7                                       | 83.5  | 89.5    |
| 1990 | 1.2799                | 144.79          | na             | 0.5603                      | 90.8                                       | 75.2  | 96.6    |
| 1991 | 1.2835                | 134.71          | na             | 0.5652                      | 88.2                                       | 80.7  | 95.8    |
| 1992 | 1.3600                | 126.65          | na             | 0.5664                      | 86.3                                       | 83.2  | 100.5   |
| 1993 | 1.4703                | 111.20          | na             | 0.6658                      | 89.2                                       | 99.1  | 106.8   |
| 1994 | 1.3667                | 102.21          | na             | 0.6529                      | 87.4                                       | 105.2 | 110.5   |
| 1995 | 1.3486                | 94.06           | na             | 0.6335                      | 80.5                                       | 110.3 | 119.9   |
| 1996 | 1.2772                | 108.78          | na             | 0.6403                      | 82.2                                       | 93.9  | 118.7   |
| 1997 | 1.3440                | 120.99          | na             | 0.6106                      | 86.5                                       | 89.4  | 111.2   |
| 1998 | 1.5888                | 130.91          | na             | 0.6037                      | 91.6                                       | 83.4  | 108.8   |
| 1999 | 1.5496                | 113.91          | 0.939          | 0.6180                      | 90.6                                       | 94.3  | 106.4   |
| 2000 | 1.7172                | 107.77          | 1.085          | 0.6596                      | 100.0                                      | 100.0 | 100.0   |
| 2001 | 1.9319                | 121.53          | 1.118          | 0.6945                      | 103.8                                      | 89.4  | 100.1   |
| 2002 | 1.8386                | 125.39          | 1.063          | 0.6661                      | 105.8                                      | 80.2  | 99.3    |
| 2003 | 1.5340                | 115.00          | 0.880          | 0.6119                      | 96.7                                       | 77.1  | 102.0   |
| 2004 | 1.3569                | 108.00          | 0.800          | 0.5459                      | 88.6                                       | 77.9  | 100.8   |
| 2005 | 1.4870                | 110.00          | 0.800          | 0.5493                      | 90.0                                       | 74.6  | 98.4    |

<sup>a</sup> Period average. <sup>b</sup> The nominal exchange rate, trade weighted against 44 world currencies, adjusted for relative wholesale prices. Base: 2000 = 100. na Not available.  
Sources: ABS, *Average Monthly Exchange Rates*, cat. no. 5654.0, Canberra; International Monetary Fund, *International Financial Statistics Yearbook*, Washington DC; International Monetary Fund, *International Financial Statistics*.

## 13 Growth of real gross domestic product in selected countries

|      | Australia<br>% | United<br>States<br>% | European<br>Union<br>% | Japan<br>% | OECD <sup>a</sup><br>% | China <sup>b</sup><br>% | Korea,<br>Rep. of<br>% |
|------|----------------|-----------------------|------------------------|------------|------------------------|-------------------------|------------------------|
| 1960 | na             | 2.5                   | na                     | 13.0       | na                     | -1.5                    | 1.2                    |
| 1961 | 0.7            | 2.3                   | 5.2                    | 11.7       | 4.4                    | -29.7                   | 5.9                    |
| 1962 | 6.2            | 6.1                   | 4.9                    | 8.9        | 5.1                    | -6.5                    | 2.1                    |
| 1963 | 6.2            | 4.4                   | 4.7                    | 8.4        | 4.8                    | 10.7                    | 9.1                    |
| 1964 | 6.8            | 5.8                   | 5.7                    | 11.4       | 6.1                    | 16.5                    | 9.7                    |
| 1965 | 5.2            | 6.4                   | 4.2                    | -5.1       | 5.3                    | 16.9                    | 5.7                    |
| 1966 | 2.8            | 6.5                   | 4.1                    | 10.4       | 5.5                    | 17.0                    | 12.2                   |
| 1967 | 6.8            | 2.5                   | 3.4                    | 10.4       | 3.7                    | -7.2                    | 5.9                    |
| 1968 | 5.8            | 4.8                   | 5.2                    | 12.5       | 5.4                    | -6.5                    | 11.3                   |
| 1969 | 6.0            | 3.1                   | 6.0                    | 12.1       | 5.1                    | 19.3                    | 13.8                   |
| 1970 | 6.5            | 0.2                   | 5.1                    | 9.4        | 3.5                    | 23.3                    | 8.8                    |
| 1971 | 4.7            | 3.4                   | 3.3                    | 4.3        | 3.3                    | 7.0                     | 9.2                    |
| 1972 | 2.5            | 5.3                   | 4.5                    | 8.4        | 5.2                    | 2.9                     | 5.9                    |
| 1973 | 5.5            | 5.8                   | 5.8                    | 7.9        | 5.8                    | 8.3                     | 14.4                   |
| 1974 | 2.6            | -0.5                  | 2.1                    | -1.2       | 0.8                    | 1.1                     | 7.9                    |
| 1975 | 2.7            | -0.2                  | -0.5                   | 2.6        | -0.1                   | 8.3                     | 7.1                    |
| 1976 | 3.9            | 5.3                   | 4.5                    | 4.8        | 4.7                    | -2.7                    | 12.8                   |
| 1977 | 1.3            | 4.6                   | 2.7                    | 5.3        | 3.8                    | 7.8                     | 10.1                   |
| 1978 | 3.0            | 5.6                   | 3.0                    | 5.1        | 3.9                    | 12.3                    | 9.7                    |
| 1979 | 5.2            | 3.2                   | 3.4                    | 5.2        | 3.7                    | 7.6                     | 7.6                    |
| 1980 | 1.9            | -0.2                  | 1.3                    | 3.6        | 1.2                    | 7.8                     | -2.2                   |
| 1981 | 3.9            | 2.5                   | 0.3                    | 3.0        | 2.0                    | 4.5                     | 6.7                    |
| 1982 | -0.1           | -1.9                  | 0.9                    | 2.8        | -0.1                   | 8.3                     | 7.3                    |
| 1983 | 0.0            | 4.5                   | 1.8                    | 1.6        | 3.0                    | 10.4                    | 11.5                   |
| 1984 | 6.9            | 7.2                   | 2.5                    | 3.1        | 4.9                    | 14.6                    | 8.7                    |
| 1985 | 5.1            | 4.1                   | 2.5                    | 5.1        | 3.6                    | 16.2                    | 6.5                    |
| 1986 | 2.1            | 3.5                   | 2.7                    | 3.0        | 3.1                    | 8.9                     | 11.6                   |
| 1987 | 4.9            | 3.4                   | 2.8                    | 3.7        | 3.6                    | 11.6                    | 11.5                   |
| 1988 | 4.5            | 4.1                   | 4.2                    | 6.8        | 4.6                    | 11.3                    | 11.3                   |
| 1989 | 4.4            | 3.5                   | 3.6                    | 5.3        | 3.8                    | 4.1                     | 6.4                    |
| 1990 | 1.4            | 1.9                   | 3.1                    | 5.3        | 3.1                    | 3.8                     | 7.8                    |
| 1991 | -0.7           | -0.2                  | 1.8                    | 3.3        | 1.2                    | 9.2                     | 9.2                    |
| 1992 | 2.4            | 3.3                   | 1.2                    | 1.0        | 2.1                    | 14.2                    | 5.4                    |
| 1993 | 3.8            | 2.7                   | -0.3                   | 0.2        | 1.4                    | 13.5                    | 5.5                    |
| 1994 | 4.7            | 4.0                   | 2.8                    | 1.1        | 3.2                    | 12.7                    | 8.3                    |
| 1995 | 4.0            | 2.5                   | 2.5                    | 1.9        | 2.5                    | 10.5                    | 8.9                    |
| 1996 | 4.0            | 3.7                   | 1.7                    | 3.5        | 3.0                    | 9.6                     | 7.0                    |
| 1997 | 3.6            | 4.5                   | 2.6                    | 1.8        | 3.5                    | 8.8                     | 4.7                    |
| 1998 | 5.5            | 4.2                   | 2.9                    | -1.0       | 2.7                    | 7.8                     | -6.9                   |
| 1999 | 4.5            | 4.4                   | 2.6                    | -0.1       | 3.1                    | 7.1                     | 9.5                    |
| 2000 | 3.2            | 3.7                   | 3.6                    | 2.4        | 3.9                    | 8.0                     | 8.5                    |
| 2001 | 2.5            | 0.8                   | 3.3                    | 0.2        | 0.7                    | 7.5                     | 3.8                    |
| 2002 | 3.8            | 1.6                   | 0.8                    | -0.3       | 1.6                    | 8.3                     | 7.0                    |
| 2003 | 3.0            | 2.7                   | 0.6                    | 1.4        | 1.7                    | 9.3                     | 3.1                    |
| 2004 | 2.3            | 4.2                   | 1.7                    | 2.3        | 3.1                    | 10.1                    | 4.6                    |
| 2005 | 2.7            | 3.5                   | 1.6                    | 2.8        | 2.7                    | 10.2                    | 4.0                    |

<sup>a</sup> Regarded as nineteen countries for all years. <sup>b</sup> Gross national product. Excludes Hong Kong. **na** Not available.  
Sources: ABS, *Australian National Accounts, National Income, Expenditure and Product*, cat. no. 5206.0, Canberra; Asian Development Bank, *Key Indicators of Developing Asian and Pacific Countries*, Manila; OECD, *Main Economic Indicators*, Paris; International Monetary Fund, *International Financial Statistics Yearbook*, Washington DC.

## 14 Growth of industrial production in selected countries

|      | Australia<br>% | United<br>States<br>% | Japan<br>% | Germany <sup>a</sup><br>% | United<br>Kingdom<br>% | OECD<br>% | China<br>% | Korea,<br>Rep. of<br>% |
|------|----------------|-----------------------|------------|---------------------------|------------------------|-----------|------------|------------------------|
| 1961 | -6.0           | 0.7                   | 19.5       | 6.3                       | 0.5                    | na        | -41.6      | 5.0                    |
| 1962 | 12.2           | 8.3                   | 8.3        | 4.2                       | 1.0                    | 6.5       | -15.4      | 16.7                   |
| 1963 | 5.7            | 5.9                   | 11.3       | 3.4                       | 3.9                    | 6.2       | 12.6       | 14.3                   |
| 1964 | 11.2           | 6.7                   | 15.9       | 8.3                       | 7.2                    | 7.7       | 24.6       | 7.1                    |
| 1965 | 4.7            | 10.0                  | 3.8        | 5.5                       | 3.0                    | 6.6       | 27.8       | 8.3                    |
| 1966 | 1.7            | 8.8                   | 13.2       | 1.7                       | 1.2                    | 7.1       | 24.9       | 23.1                   |
| 1967 | 5.6            | 2.1                   | 19.4       | -2.1                      | -0.7                   | 3.7       | -15.7      | 26.2                   |
| 1968 | 5.7            | 5.6                   | 15.4       | 12.3                      | 5.1                    | 6.8       | -9.0       | 31.7                   |
| 1969 | 6.6            | 4.6                   | 16.0       | 13.1                      | 3.4                    | 8.1       | 35.9       | 19.5                   |
| 1970 | 4.6            | -3.3                  | 13.8       | 6.5                       | 0.5                    | 3.1       | 38.5       | 11.9                   |
| 1971 | 3.9            | 1.4                   | 2.6        | 0.9                       | -0.6                   | 2.0       | 13.4       | 15.2                   |
| 1972 | 1.2            | 7.3                   | 7.2        | 3.7                       | 1.8                    | 7.1       | 6.5        | 14.6                   |
| 1973 | 10.2           | 8.2                   | 15.0       | 6.4                       | 9.0                    | 9.2       | 8.7        | 33.6                   |
| 1974 | 3.1            | -0.4                  | -4.0       | -1.7                      | -2.0                   | -0.3      | -0.4       | 27.4                   |
| 1975 | -7.6           | -8.9                  | -11.0      | -6.2                      | -5.4                   | -8.1      | 15.0       | 19.0                   |
| 1976 | 5.1            | 7.8                   | 11.1       | 6.7                       | 3.2                    | 8.3       | -3.8       | 29.8                   |
| 1977 | -1.6           | 7.7                   | 4.1        | 2.6                       | 5.2                    | 4.7       | 14.8       | 19.9                   |
| 1978 | 1.5            | 5.5                   | 6.3        | -1.9                      | 2.8                    | 4.1       | 17.1       | 22.9                   |
| 1979 | 5.2            | 3.0                   | 7.3        | 5.0                       | 2.1                    | 4.8       | 8.1        | 11.7                   |
| 1980 | 0.6            | -2.6                  | 4.7        | -0.0                      | -6.9                   | 0.2       | 10.9       | -1.8                   |
| 1981 | 3.0            | 1.3                   | 1.0        | -1.8                      | -4.1                   | 0.5       | 1.7        | 12.7                   |
| 1982 | -0.5           | -5.1                  | 0.3        | -3.3                      | 0.3                    | -2.5      | 6.0        | 5.0                    |
| 1983 | -2.9           | 2.6                   | 3.2        | 0.7                       | 2.6                    | 1.8       | 9.9        | 15.8                   |
| 1984 | 6.9            | 9.1                   | 9.3        | 3.0                       | 0.6                    | 6.5       | 14.9       | 15.0                   |
| 1985 | 8.0            | 1.3                   | 3.6        | 4.8                       | 5.1                    | 3.0       | 19.6       | 4.4                    |
| 1986 | -0.2           | 1.0                   | -0.2       | 1.8                       | 2.2                    | 0.9       | 9.6        | 20.9                   |
| 1987 | 4.8            | 5.0                   | 3.4        | 0.4                       | 4.1                    | 3.7       | 13.0       | 19.2                   |
| 1988 | 5.5            | 5.0                   | 9.4        | 3.6                       | 5.2                    | 5.4       | 17.4       | 13.3                   |
| 1989 | 4.6            | 0.9                   | 5.8        | 4.9                       | 2.1                    | 3.3       | 6.0        | 3.4                    |
| 1990 | 2.4            | 0.9                   | 4.2        | 5.2                       | 0.0                    | 1.6       | 5.5        | 8.6                    |
| 1991 | -3.6           | -1.5                  | 1.9        | 3.5                       | -3.3                   | -0.4      | 12.8       | 9.5                    |
| 1992 | 0.3            | 2.8                   | -5.7       | -2.4                      | 0.4                    | -0.3      | 21.2       | 6.0                    |
| 1993 | 2.9            | 3.3                   | -3.5       | -7.9                      | 2.2                    | -0.5      | 21.9       | 4.4                    |
| 1994 | 5.0            | 5.4                   | 1.3        | 3.2                       | 5.3                    | 4.6       | 21.6       | 11.1                   |
| 1995 | 1.2            | 4.9                   | 3.8        | 0.8                       | 1.8                    | 3.4       | 16.1       | 12.1                   |
| 1996 | 3.7            | 4.3                   | 2.3        | 0.2                       | 1.4                    | 2.5       | 13.1       | 8.3                    |
| 1997 | 2.0            | 7.3                   | 3.5        | 3.1                       | 1.4                    | 4.8       | 11.3       | 5.0                    |
| 1998 | 3.0            | 5.8                   | -6.6       | 3.7                       | 0.2                    | 1.8       | 8.9        | -6.9                   |
| 1999 | 3.3            | 4.5                   | 0.3        | 1.2                       | 2.2                    | 3.0       | 8.5        | 24.1                   |
| 2000 | 5.4            | 4.3                   | 5.4        | 5.5                       | 1.9                    | 4.9       | 11.4       | 17.3                   |
| 2001 | 0.1            | -3.6                  | -6.3       | 0.2                       | -1.5                   | -2.6      | 9.9        | 0.4                    |
| 2002 | 2.9            | -0.3                  | -1.1       | -1.0                      | -2.0                   | -0.4      | 12.6       | 8.2                    |
| 2003 | 0.5            | -0.0                  | 3.0        | 0.4                       | -0.3                   | 0.7       | 17.0       | 5.2                    |
| 2004 | 0.0            | 4.2                   | 5.3        | 3.0                       | 0.8                    | 3.6       | 16.7       | 10.0                   |
| 2005 | 1.0            | 3.7                   | 1.2        | 3.4                       | -1.8                   | 2.4       | na         | 5.9                    |

<sup>a</sup> West Germany until 1990; unified Germany from 1991. **na** Not available.

Sources: ABS, *Quarterly Index of Industrial Production*, cat. no. 8125.0, Canberra; International Monetary Fund, *International Financial Statistics Yearbook*, Washington DC; OECD, *Main Economic Indicators*, Paris.



# 15 Inflation and interest rates in selected countries

|      | Inflation rates <sup>a</sup> |       |                              | Interest rates <sup>b</sup> |             |              |             |
|------|------------------------------|-------|------------------------------|-----------------------------|-------------|--------------|-------------|
|      | United States                | Japan | Total Euro Area <sup>c</sup> | United States               |             | Japan        |             |
|      | %                            | %     | %                            | Short term %                | Long term % | Short term % | Long term % |
| 1960 | 1.5                          | 3.6   | 1.9                          | 2.9                         | 4.1         | na           | na          |
| 1961 | 1.1                          | 5.4   | 1.9                          | 2.4                         | 3.9         | na           | na          |
| 1962 | 1.1                          | 6.8   | 3.2                          | 2.8                         | 3.9         | na           | na          |
| 1963 | 1.2                          | 7.7   | 3.1                          | 3.2                         | 4.0         | na           | na          |
| 1964 | 1.3                          | 3.8   | 2.6                          | 3.6                         | 4.2         | na           | na          |
| 1965 | 1.7                          | 6.6   | 3.3                          | 4.0                         | 4.3         | na           | na          |
| 1966 | 3.0                          | 5.1   | 3.2                          | 4.9                         | 4.9         | na           | 6.9         |
| 1967 | 2.8                          | 4.0   | 3.1                          | 4.3                         | 5.1         | na           | 6.9         |
| 1968 | 4.2                          | 5.4   | 4.2                          | 5.4                         | 5.6         | na           | 7.0         |
| 1969 | 5.4                          | 5.2   | 4.7                          | 6.7                         | 6.7         | na           | 7.1         |
| 1970 | 5.9                          | 7.7   | 5.6                          | 6.4                         | 7.3         | na           | 7.2         |
| 1971 | 4.3                          | 6.4   | 5.3                          | 4.3                         | 6.2         | na           | 7.3         |
| 1972 | 3.3                          | 4.8   | 5.0                          | 4.1                         | 6.2         | na           | 6.7         |
| 1973 | 6.2                          | 11.6  | 7.8                          | 7.0                         | 6.8         | na           | 7.3         |
| 1974 | 11.0                         | 23.2  | 13.9                         | 7.9                         | 7.6         | na           | 9.3         |
| 1975 | 9.1                          | 11.8  | 11.4                         | 5.8                         | 8.0         | na           | 9.2         |
| 1976 | 5.7                          | 9.3   | 9.0                          | 5.0                         | 7.6         | na           | 8.7         |
| 1977 | 6.5                          | 8.2   | 10.1                         | 5.3                         | 7.4         | na           | 7.3         |
| 1978 | 7.6                          | 4.2   | 8.7                          | 7.2                         | 8.4         | na           | 6.1         |
| 1979 | 11.3                         | 3.7   | 11.1                         | 10.0                        | 9.4         | 8.1          | 7.7         |
| 1980 | 13.5                         | 7.8   | 14.5                         | 11.6                        | 11.5        | 9.9          | 9.2         |
| 1981 | 10.3                         | 4.9   | 11.3                         | 14.1                        | 13.9        | 7.7          | 8.7         |
| 1982 | 6.2                          | 2.7   | 9.6                          | 10.7                        | 13.0        | 7.1          | 8.1         |
| 1983 | 3.2                          | 1.9   | 8.7                          | 8.6                         | 11.1        | 6.7          | 7.4         |
| 1984 | 4.3                          | 2.3   | 7.8                          | 9.4                         | 12.4        | 6.3          | 6.8         |
| 1985 | 3.6                          | 2.0   | 4.9                          | 7.5                         | 10.6        | 6.7          | 6.3         |
| 1986 | 1.9                          | 0.6   | 2.4                          | 6.0                         | 7.7         | 5.0          | 4.9         |
| 1987 | 3.7                          | 0.1   | 2.4                          | 5.8                         | 8.4         | 3.9          | 4.2         |
| 1988 | 4.0                          | 0.7   | 2.7                          | 6.7                         | 8.8         | 4.1          | 4.3         |
| 1989 | 4.8                          | 2.3   | 4.0                          | 8.1                         | 8.5         | 5.4          | 5.1         |
| 1990 | 5.4                          | 3.1   | 4.6                          | 7.5                         | 8.6         | 7.7          | 7.4         |
| 1991 | 4.2                          | 3.2   | 5.0                          | 5.4                         | 7.9         | 7.3          | 6.5         |
| 1992 | 3.0                          | 1.7   | 4.6                          | 3.5                         | 7.0         | 4.4          | 4.9         |
| 1993 | 3.0                          | 1.3   | 4.0                          | 3.0                         | 5.9         | 3.0          | 3.7         |
| 1994 | 2.6                          | 0.7   | 3.2                          | 4.3                         | 7.1         | 2.2          | 3.7         |
| 1995 | 2.8                          | -0.1  | 2.9                          | 5.5                         | 6.6         | 1.2          | 2.5         |
| 1996 | 2.9                          | 0.1   | 2.2                          | 5.0                         | 6.4         | 0.6          | 2.2         |
| 1997 | 2.3                          | 1.7   | 1.6                          | 5.1                         | 6.4         | 0.6          | 1.7         |
| 1998 | 1.6                          | 0.7   | 1.1                          | 4.8                         | 5.3         | 0.7          | 1.1         |
| 1999 | 2.2                          | -0.3  | 1.1                          | 4.7                         | 5.6         | 0.2          | 1.8         |
| 2000 | 3.4                          | -0.7  | 2.3                          | 5.8                         | 6.0         | 0.2          | 1.7         |
| 2001 | 2.8                          | -0.7  | 2.1                          | 3.5                         | 5.0         | 0.1          | 1.3         |
| 2002 | 1.6                          | -0.9  | 2.2                          | 1.6                         | 4.6         | 0.1          | 1.3         |
| 2003 | 2.3                          | -0.3  | 2.1                          | 1.0                         | 4.0         | 0.1          | 1.0         |
| 2004 | 2.7                          | -0.0  | 2.1                          | 1.4                         | 4.3         | 0.1          | 1.5         |
| 2005 | 3.4                          | -0.3  | na                           | 3.2                         | 4.3         | 0.3          | 1.4         |

<sup>a</sup> Percentage change in consumer price indexes. <sup>b</sup> Period average: United States – 3 month Treasury bill rate and 10 year government bond yield; Japan – 3 month certificate of deposit rate and average government bond yield. <sup>c</sup> Prior to 1985 based on total OECD statistical definition. Post 1985 based on Euro area statistical definition. **na** Not available.

Sources: International Monetary Fund, *International Financial Statistics Yearbook*, Washington DC; OECD, *Main Economic Indicators*, Paris.

16 Population in selected countries and regions <sup>a</sup>

|      | Australia<br>million | United<br>States<br>million | European<br>Union <sup>b</sup><br>million | Japan<br>million | China<br>million | Other<br>East Asia <sup>c</sup><br>million | India<br>million | World <sup>d</sup><br>million |
|------|----------------------|-----------------------------|---|------------------|------------------|--|------------------|-------------------------------|
| 1960 | 10.3                 | 186.2                       | 296.3                                     | 94.1             | 657.5            | 187.6                                      | 442.3            | 3 021.5                       |
| 1961 | 10.5                 | 189.1                       | 298.9                                     | 95.0             | 669.4            | 192.5                                      | 452.5            | 3 084.8                       |
| 1962 | 10.8                 | 192.0                       | 301.6                                     | 95.9             | 682.4            | 197.5                                      | 462.8            | 3 148.0                       |
| 1963 | 11.0                 | 194.7                       | 304.4                                     | 96.9             | 696.6            | 202.6                                      | 473.3            | 3 211.3                       |
| 1964 | 11.3                 | 197.3                       | 307.2                                     | 97.9             | 712.1            | 207.8                                      | 484.1            | 3 274.6                       |
| 1965 | 11.5                 | 199.8                       | 309.7                                     | 98.9             | 729.2            | 213.1                                      | 495.2            | 3 337.8                       |
| 1966 | 11.8                 | 202.1                       | 312.0                                     | 99.9             | 747.8            | 218.6                                      | 506.5            | 3 409.7                       |
| 1967 | 12.0                 | 204.2                       | 314.1                                     | 100.9            | 767.7            | 224.3                                      | 518.2            | 3 481.5                       |
| 1968 | 12.3                 | 206.2                       | 316.1                                     | 101.9            | 788.5            | 230.0                                      | 530.2            | 3 553.4                       |
| 1969 | 12.5                 | 208.2                       | 317.9                                     | 103.1            | 809.7            | 235.9                                      | 542.4            | 3 625.3                       |
| 1970 | 12.7                 | 210.1                       | 319.8                                     | 104.3            | 830.7            | 241.8                                      | 554.9            | 3 697.1                       |
| 1971 | 12.9                 | 212.1                       | 321.6                                     | 105.7            | 851.4            | 247.7                                      | 567.7            | 3 773.1                       |
| 1972 | 13.1                 | 214.1                       | 323.3                                     | 107.2            | 871.9            | 253.7                                      | 580.8            | 3 849.1                       |
| 1973 | 13.3                 | 216.1                       | 325.0                                     | 108.7            | 891.6            | 259.8                                      | 594.0            | 3 925.0                       |
| 1974 | 13.4                 | 218.1                       | 326.6                                     | 110.2            | 910.4            | 265.9                                      | 607.4            | 4 001.0                       |
| 1975 | 13.6                 | 220.2                       | 328.0                                     | 111.5            | 927.8            | 272.2                                      | 620.7            | 4 077.0                       |
| 1976 | 13.8                 | 222.2                       | 329.4                                     | 112.8            | 943.8            | 278.5                                      | 634.0            | 4 150.5                       |
| 1977 | 14.0                 | 224.3                       | 330.8                                     | 113.9            | 958.4            | 284.8                                      | 647.4            | 4 223.9                       |
| 1978 | 14.2                 | 226.5                       | 332.0                                     | 114.9            | 972.1            | 291.2                                      | 660.8            | 4 297.4                       |
| 1979 | 14.4                 | 228.7                       | 333.1                                     | 115.9            | 985.5            | 297.7                                      | 674.6            | 4 370.9                       |
| 1980 | 14.6                 | 230.9                       | 334.0                                     | 116.8            | 998.9            | 304.1                                      | 688.9            | 4 444.4                       |
| 1981 | 14.8                 | 233.3                       | 334.7                                     | 117.7            | 1 012.4          | 310.5                                      | 703.6            | 4 524.7                       |
| 1982 | 15.0                 | 235.7                       | 335.4                                     | 118.6            | 1 026.0          | 316.9                                      | 718.7            | 4 605.1                       |
| 1983 | 15.2                 | 238.1                       | 336.0                                     | 119.4            | 1 040.0          | 323.3                                      | 734.2            | 4 685.5                       |
| 1984 | 15.4                 | 240.6                       | 336.6                                     | 120.1            | 1 054.6          | 329.7                                      | 750.0            | 4 765.8                       |
| 1985 | 15.7                 | 243.1                       | 337.4                                     | 120.8            | 1 070.2          | 336.0                                      | 766.1            | 4 846.3                       |
| 1986 | 15.9                 | 245.5                       | 338.3                                     | 121.5            | 1 086.8          | 342.3                                      | 782.3            | 4 934.0                       |
| 1987 | 16.1                 | 247.9                       | 339.3                                     | 122.1            | 1 104.3          | 348.5                                      | 798.8            | 5 021.7                       |
| 1988 | 16.4                 | 250.4                       | 340.5                                     | 122.6            | 1 122.1          | 354.6                                      | 815.5            | 5 109.4                       |
| 1989 | 16.6                 | 252.9                       | 341.7                                     | 123.1            | 1 139.3          | 360.8                                      | 832.4            | 5 197.1                       |
| 1990 | 16.9                 | 255.5                       | 343.0                                     | 123.5            | 1 155.3          | 361.3                                      | 849.4            | 5 284.8                       |
| 1991 | 17.1                 | 258.2                       | 344.5                                     | 124.0            | 1 169.9          | 367.4                                      | 866.5            | 5 371.2                       |
| 1992 | 17.3                 | 261.0                       | 346.0                                     | 124.4            | 1 183.3          | 373.5                                      | 883.7            | 5 457.5                       |
| 1993 | 17.5                 | 263.8                       | 347.5                                     | 124.8            | 1 195.7          | 379.6                                      | 901.0            | 5 543.8                       |
| 1994 | 17.7                 | 266.7                       | 348.9                                     | 125.1            | 1 207.6          | 385.6                                      | 918.3            | 5 630.1                       |
| 1995 | 17.9                 | 269.6                       | 350.3                                     | 125.5            | 1 219.3          | 391.6                                      | 935.6            | 5 716.4                       |
| 1996 | 18.2                 | 272.5                       | 351.5                                     | 125.8            | 1 231.0          | 397.6                                      | 952.8            | 5 804.8                       |
| 1997 | 18.4                 | 275.4                       | 352.5                                     | 126.1            | 1 242.4          | 403.4                                      | 970.0            | 5 891.8                       |
| 1998 | 18.6                 | 278.4                       | 353.5                                     | 126.5            | 1 253.5          | 409.2                                      | 987.2            | 5 901.1                       |
| 1999 | 18.8                 | 281.3                       | 354.5                                     | 126.8            | 1 264.1          | 414.9                                      | 1 004.2          | 5 978.4                       |
| 2000 | 19.1                 | 284.2                       | 355.7                                     | 127.0            | 1 274.0          | 420.6                                      | 1 021.1          | 6 111.4                       |
| 2001 | 19.3                 | 287.0                       | 357.0                                     | 127.3            | 1 283.2          | 426.2                                      | 1 037.8          | 6 172.0                       |
| 2002 | 19.5                 | 289.8                       | 358.4                                     | 127.5            | 1 291.8          | 431.8                                      | 1 054.4          | 6 251.0                       |
| 2003 | 19.7                 | 292.6                       | 359.8                                     | 127.7            | 1 300.0          | 437.2                                      | 1 070.8          | 6 331.0                       |
| 2004 | 19.9                 | 295.4                       | 361.2                                     | 127.9            | 1 308.0          | 442.7                                      | 1 087.1          | 6 408.0                       |
| 2005 | 20.2                 | 298.2                       | 362.4                                     | 128.1            | 1 315.8          | 448.0                                      | 1 103.4          | 6 484.0                       |

<sup>a</sup> Midyear. <sup>b</sup> Regarded as twelve countries for all years. <sup>c</sup> Chinese Taipei, Indonesia, Malaysia, the Philippines, Republic of Korea, Singapore, Thailand. <sup>d</sup> United Nations estimates.

Sources: ABS, *Estimated Resident Population by Sex and Age: States and Territories of Australia*, cat. no. 3201.0, Canberra; Asian Development Bank, *Key Indicators of Developing Asian and Pacific Countries*, Manila; International Monetary Fund, *International Financial Statistics Yearbook*, Washington DC; OECD, *Main Economic Indicators*, Paris; United Nations, *World Population Prospects*, New York.

# 17 Australian farm returns, costs and prices

|         | Gross value<br>of farm<br>production<br>\$m | Farm<br>costs<br>\$m | Net value<br>of farm<br>production<br>\$m | Index of<br>real net<br>value of<br>farm<br>production ab | Index of<br>prices<br>received c | Index of<br>prices<br>paid c | Farmers'<br>terms of<br>trade cd | Consumer<br>price<br>index b |
|---------|---|----------------------|---|---|----------------------------------|------------------------------|----------------------------------|------------------------------|
| 1961-62 | 2 734                                       | 1 781                | 953                                       | 245   | 24.7                             | 11.7                         | 211.2                            | 9.3                          |
| 1962-63 | 3 013                                       | 1 865                | 1 148                                     | 289   | 25.4                             | 11.7                         | 217.1                            | 9.3                          |
| 1963-64 | 3 424                                       | 1 953                | 1 471                                     | 367   | 27.4                             | 11.7                         | 234.5                            | 9.4                          |
| 1964-65 | 3 450                                       | 2 093                | 1 357                                     | 326   | 26.7                             | 12.1                         | 220.0                            | 9.7                          |
| 1965-66 | 3 316                                       | 2 250                | 1 066                                     | 245   | 27.4                             | 12.6                         | 217.3                            | 10.1                         |
| 1966-67 | 3 825                                       | 2 415                | 1 410                                     | 320   | 27.4                             | 13.1                         | 209.6                            | 10.4                         |
| 1967-68 | 3 342                                       | 2 472                | 870                                       | 189   | 26.7                             | 13.5                         | 198.5                            | 10.7                         |
| 1968-69 | 3 947                                       | 2 673                | 1 274                                     | 272   | 26.0                             | 13.5                         | 193.4                            | 11.0                         |
| 1969-70 | 3 732                                       | 2 668                | 1 064                                     | 218   | 25.4                             | 13.5                         | 188.4                            | 11.4                         |
| 1970-71 | 3 569                                       | 2 713                | 856                                       | 166   | 23.9                             | 13.9                         | 171.6                            | 11.9                         |
| 1971-72 | 3 971                                       | 2 793                | 1 178                                     | 216   | 26.0                             | 14.9                         | 175.3                            | 12.7                         |
| 1972-73 | 4 962                                       | 3 103                | 1 859                                     | 324   | 35.6                             | 16.2                         | 219.9                            | 13.5                         |
| 1973-74 | 6 412                                       | 3 594                | 2 818                                     | 438   | 43.1                             | 18.4                         | 234.3                            | 15.2                         |
| 1974-75 | 5 874                                       | 4 196                | 1 678                                     | 221   | 36.9                             | 23.4                         | 158.0                            | 17.8                         |
| 1975-76 | 6 170                                       | 4 832                | 1 338                                     | 156   | 39.0                             | 27.0                         | 144.3                            | 20.0                         |
| 1976-77 | 6 755                                       | 5 278                | 1 477                                     | 150   | 42.5                             | 30.1                         | 141.1                            | 22.8                         |
| 1977-78 | 6 984                                       | 5 742                | 1 242                                     | 115   | 44.5                             | 33.3                         | 133.8                            | 25.0                         |
| 1978-79 | 10 204                                      | 6 629                | 3 575                                     | 316   | 54.0                             | 35.5                         | 152.1                            | 27.0                         |
| 1979-80 | 11 764                                      | 7 761                | 4 003                                     | 316   | 64.3                             | 39.5                         | 162.7                            | 29.8                         |
| 1980-81 | 11 580                                      | 8 739                | 2 841                                     | 205   | 68.4                             | 44.9                         | 152.2                            | 32.6                         |
| 1981-82 | 12 704                                      | 10 205               | 2 499                                     | 162   | 67.7                             | 49.9                         | 135.7                            | 36.0                         |
| 1982-83 | 11 708                                      | 11 403               | 305                                       | 14  | 71.1                             | 55.3                         | 128.6                            | 40.1                         |
| 1983-84 | 15 396                                      | 12 255               | 3 141                                     | 177   | 74.6                             | 59.8                         | 124.8                            | 42.9                         |
| 1984-85 | 15 377                                      | 12 896               | 2 481                                     | 138   | 76.6                             | 63.4                         | 121.0                            | 44.7                         |
| 1985-86 | 15 381                                      | 14 051               | 1 330                                     | 70  | 76.6                             | 68.3                         | 112.2                            | 48.5                         |
| 1986-87 | 17 282                                      | 15 386               | 1 896                                     | 77  | 82.8                             | 74.2                         | 111.5                            | 53.0                         |
| 1987-88 | 19 962                                      | 16 727               | 3 235                                     | 139   | 99.5                             | 77.4                         | 128.5                            | 56.9                         |
| 1988-89 | 22 845                                      | 18 330               | 4 515                                     | 187   | 112.4                            | 84.4                         | 133.2                            | 61.0                         |
| 1989-90 | 23 591                                      | 20 008               | 3 583                                     | 136   | 109.3                            | 90.1                         | 121.3                            | 65.9                         |
| 1990-91 | 21 207                                      | 20 168               | 1 039                                     | 31  | 93.6                             | 90.9                         | 102.9                            | 69.4                         |
| 1991-92 | 21 168                                      | 19 392               | 1 776                                     | 47  | 94.5                             | 90.8                         | 104.1                            | 70.7                         |
| 1992-93 | 21 990                                      | 19 340               | 2 650                                     | 89  | 93.7                             | 89.5                         | 104.7                            | 71.5                         |
| 1993-94 | 23 647                                      | 20 187               | 3 460                                     | 109   | 97.4                             | 91.1                         | 106.8                            | 72.8                         |
| 1994-95 | 23 794                                      | 21 708               | 2 086                                     | 72  | 112.0                            | 95.0                         | 118.0                            | 75.1                         |
| 1995-96 | 27 515                                      | 22 913               | 4 602                                     | 144   | 111.2                            | 99.5                         | 111.8                            | 78.3                         |
| 1996-97 | 28 449                                      | 23 910               | 4 540                                     | 147   | 101.6                            | 99.4                         | 102.2                            | 79.3                         |
| 1997-98 | 28 526                                      | 23 885               | 4 641                                     | 144   | 100.0                            | 100.0                        | 100.0                            | 79.3                         |
| 1998-99 | 28 844                                      | 24 511               | 4 333                                     | 135   | 96.1                             | 100.6                        | 95.6                             | 80.3                         |
| 1999-00 | 30 468                                      | 25 223               | 5 245                                     | 149   | 96.3                             | 104.7                        | 92.0                             | 82.2                         |
| 2000-01 | 34 432                                      | 26 657               | 7 776                                     | 217   | 108.5                            | 110.1                        | 98.5                             | 87.2                         |
| 2001-02 | 39 528                                      | 27 258               | 12 270                                    | 297   | 122.5                            | 112.9                        | 108.6                            | 89.6                         |
| 2002-03 | 32 586                                      | 27 766               | 4 820                                     | 115   | 122.6                            | 121.3                        | 101.1                            | 92.4                         |
| 2003-04 | 36 888                                      | 29 292               | 7 596                                     | 171   | 116.5                            | 123.0                        | 94.7                             | 94.6                         |
| 2004-05 | 35 894                                      | 29 768               | 6 126                                     | 137   | 115.2                            | 126.6                        | 91.0                             | 96.9                         |
| 2005-06 | 38 517                                      | 30 663               | 7 855                                     | 100   | 124.7                            | 131.6                        | 94.7                             | 100.0                        |

a Obtained by deflating the net value of farm production by the consumer price index. b base year 2005-06 = 100. c ABARE revised the method for calculating farm, price and production indexes in October 1999. The indexes for the different groups of farm commodities are now calculated on a chained weight basis using Fishers' ideal index with a reference year of 1997-98 = 100. d Ratio of index of prices received by farmers to index of prices paid by farmers.

Sources: ABS, *Australian National Accounts, National Income and Expenditure*, cat. no. 5206.0, Canberra; ABS, *Consumer Price Index*, cat. no. 6401.0, Canberra; ABS, *Agriculture, Australia*, cat. no. 7113.0, Canberra; ABS, *Value of Agricultural Commodities Produced, Australia*, cat. no. 7503.0, Canberra; ABARE.

## 18 Volume of Australian farm production

|         | Crops                  |                |                | Livestock                  |                       |                    |               |
|---------|------------------------|----------------|----------------|----------------------------|-----------------------|--------------------|---------------|
|         | Grains<br>and oilseeds | Other<br>crops | Total<br>crops | Livestock<br>slaughterings | Livestock<br>products | Total<br>livestock | Total<br>farm |
|         | index                  | index          | index          | index                      | index                 | index              | index         |
| 1960-61 | 28.9                   | 25.0           | 25.7           | 32.6                       | 79.2                  | 53.6               | 37.0          |
| 1961-62 | 24.7                   | 23.2           | 24.0           | 39.3                       | 83.1                  | 58.3               | 38.5          |
| 1962-63 | 29.7                   | 27.0           | 27.8           | 43.3                       | 82.3                  | 59.4               | 41.5          |
| 1963-64 | 31.2                   | 28.7           | 28.7           | 45.6                       | 86.4                  | 62.9               | 43.3          |
| 1964-65 | 34.6                   | 30.4           | 31.4           | 47.0                       | 87.2                  | 64.1               | 45.3          |
| 1965-66 | 25.8                   | 29.7           | 27.1           | 45.1                       | 84.2                  | 61.0               | 41.9          |
| 1966-67 | 44.9                   | 35.0           | 38.2           | 43.7                       | 88.5                  | 62.8               | 49.3          |
| 1967-68 | 26.2                   | 31.6           | 28.4           | 45.8                       | 88.1                  | 64.2               | 43.6          |
| 1968-69 | 50.4                   | 40.7           | 42.2           | 48.0                       | 93.1                  | 69.1               | 52.5          |
| 1969-70 | 38.8                   | 36.7           | 36.4           | 51.9                       | 98.0                  | 74.0               | 51.2          |
| 1970-71 | 35.9                   | 37.1           | 35.2           | 55.0                       | 95.7                  | 75.1               | 50.8          |
| 1971-72 | 39.7                   | 39.8           | 38.4           | 60.1                       | 94.8                  | 78.0               | 53.9          |
| 1972-73 | 28.9                   | 39.1           | 33.1           | 66.8                       | 83.8                  | 76.9               | 50.6          |
| 1973-74 | 46.0                   | 34.8           | 39.5           | 65.5                       | 80.4                  | 74.5               | 53.2          |
| 1974-75 | 44.3                   | 35.8           | 39.1           | 61.4                       | 86.0                  | 75.3               | 53.3          |
| 1975-76 | 48.4                   | 34.9           | 40.6           | 74.0                       | 82.6                  | 79.4               | 55.8          |
| 1976-77 | 46.6                   | 37.4           | 41.1           | 79.2                       | 76.3                  | 78.4               | 56.0          |
| 1977-78 | 39.2                   | 40.8           | 39.4           | 86.8                       | 74.5                  | 81.0               | 55.8          |
| 1978-79 | 71.2                   | 41.1           | 54.9           | 82.9                       | 76.5                  | 79.9               | 64.8          |
| 1979-80 | 63.6                   | 41.9           | 51.6           | 72.5                       | 76.8                  | 73.9               | 60.1          |
| 1980-81 | 46.7                   | 44.0           | 44.4           | 70.3                       | 73.7                  | 71.3               | 55.2          |
| 1981-82 | 66.2                   | 48.6           | 56.1           | 73.6                       | 75.0                  | 73.7               | 62.9          |
| 1982-83 | 37.2                   | 48.8           | 41.6           | 74.3                       | 75.4                  | 74.2               | 54.8          |
| 1983-84 | 88.6                   | 53.7           | 69.6           | 69.0                       | 79.5                  | 73.4               | 70.3          |
| 1984-85 | 80.5                   | 55.7           | 66.6           | 68.9                       | 85.5                  | 76.1               | 69.8          |
| 1985-86 | 71.7                   | 59.4           | 64.0           | 72.4                       | 87.0                  | 78.6               | 69.5          |
| 1986-87 | 70.3                   | 58.8           | 63.0           | 77.1                       | 92.3                  | 83.5               | 71.3          |
| 1987-88 | 60.5                   | 63.8           | 61.2           | 79.7                       | 94.0                  | 85.6               | 71.4          |
| 1988-89 | 65.0                   | 62.1           | 62.4           | 76.2                       | 97.4                  | 85.9               | 72.3          |
| 1989-90 | 65.3                   | 65.1           | 64.2           | 82.5                       | 108.1                 | 94.3               | 77.2          |
| 1990-91 | 67.9                   | 73.4           | 70.0           | 84.7                       | 106.5                 | 94.7               | 80.3          |
| 1991-92 | 61.7                   | 78.1           | 69.9           | 87.7                       | 95.5                  | 91.2               | 78.6          |
| 1992-93 | 77.1                   | 78.9           | 77.3           | 89.4                       | 98.6                  | 93.6               | 83.7          |
| 1993-94 | 85.4                   | 80.4           | 81.7           | 91.3                       | 99.9                  | 95.2               | 87.0          |
| 1994-95 | 51.1                   | 73.6           | 62.8           | 92.1                       | 94.2                  | 93.1               | 75.7          |
| 1995-96 | 89.7                   | 82.0           | 85.2           | 91.4                       | 94.5                  | 92.9               | 88.6          |
| 1996-97 | 115.0                  | 88.4           | 100.1          | 94.9                       | 98.3                  | 96.5               | 98.7          |
| 1997-98 | 100.0                  | 100.0          | 100.0          | 100.0                      | 100.0                 | 100.0              | 100.0         |
| 1998-99 | 115.6                  | 102.9          | 108.2          | 102.9                      | 104.3                 | 103.5              | 106.1         |
| 1999-00 | 126.8                  | 109.2          | 116.5          | 104.9                      | 107.1                 | 105.9              | 111.7         |
| 2000-01 | 118.0                  | 116.8          | 116.9          | 110.7                      | 106.5                 | 109.1              | 113.4         |
| 2001-02 | 130.1                  | 115.5          | 121.7          | 108.0                      | 106.9                 | 107.6              | 115.2         |
| 2002-03 | 59.3                   | 106.0          | 83.4           | 109.8                      | 95.4                  | 104.2              | 93.6          |
| 2003-04 | 138.6                  | 113.5          | 123.0          | 104.4                      | 92.4                  | 99.6               | 111.9         |
| 2004-05 | 113.2                  | 121.3          | 116.8          | 109.3                      | 93.3                  | 103.1              | 110.7         |
| 2005-06 | 133.1                  | 104.7          | 115.4          | 108.6                      | 92.0                  | 102.1              | 109.5         |

Note: ABARE revised the method for calculating farm production indexes in October 1999. The indexes for the different groups of farm commodities are now calculated on a chained weight basis using Fishers' ideal index with a reference year of 1997-98 = 100.

Sources: ABS, *Australian National Accounts, National Income and Expenditure*, cat. no. 5206.0, Canberra; ABS, *Agriculture Australia*, cat. no. 7113.0, Canberra; ABS, *Value of Agricultural Commodities Produced, Australia*, cat. no. 7503.0, Canberra; ABARE.

# 19 Gross value of Australian farm production

|         | Crops                         |                       |                       | Livestock                         |                              |                           |                      |
|---------|-------------------------------|-----------------------|-----------------------|-----------------------------------|------------------------------|---------------------------|----------------------|
|         | Grains and<br>oilseeds<br>\$m | Other<br>crops<br>\$m | Total<br>crops<br>\$m | Livestock<br>slaughterings<br>\$m | Livestock<br>products<br>\$m | Total<br>livestock<br>\$m | Total<br>farm<br>\$m |
| 1960-61 | 538                           | 533                   | 1 071                 | 567                               | 1 107                        | 1 674                     | 2 745                |
| 1961-62 | 492                           | 516                   | 1 008                 | 551                               | 1 174                        | 1 726                     | 2 734                |
| 1962-63 | 580                           | 557                   | 1 136                 | 634                               | 1 242                        | 1 876                     | 3 013                |
| 1963-64 | 603                           | 625                   | 1 228                 | 702                               | 1 495                        | 2 196                     | 3 424                |
| 1964-65 | 662                           | 656                   | 1 319                 | 806                               | 1 324                        | 2 131                     | 3 450                |
| 1965-66 | 525                           | 657                   | 1 181                 | 834                               | 1 301                        | 2 135                     | 3 316                |
| 1966-67 | 897                           | 742                   | 1 639                 | 858                               | 1 327                        | 2 185                     | 3 825                |
| 1967-68 | 557                           | 712                   | 1 269                 | 883                               | 1 190                        | 2 073                     | 3 342                |
| 1968-69 | 906                           | 811                   | 1 717                 | 894                               | 1 336                        | 2 230                     | 3 947                |
| 1969-70 | 703                           | 750                   | 1 454                 | 1 010                             | 1 269                        | 2 279                     | 3 732                |
| 1970-71 | 682                           | 795                   | 1 477                 | 1 013                             | 1 079                        | 2 092                     | 3 569                |
| 1971-72 | 746                           | 852                   | 1 598                 | 1 137                             | 1 236                        | 2 373                     | 3 971                |
| 1972-73 | 614                           | 968                   | 1 582                 | 1 547                             | 1 832                        | 3 380                     | 4 962                |
| 1973-74 | 1 770                         | 1 089                 | 2 859                 | 1 696                             | 1 857                        | 3 553                     | 6 412                |
| 1974-75 | 1 772                         | 1 432                 | 3 204                 | 1 019                             | 1 651                        | 2 670                     | 5 874                |
| 1975-76 | 1 859                         | 1 389                 | 3 247                 | 1 246                             | 1 676                        | 2 923                     | 6 170                |
| 1976-77 | 1 651                         | 1 538                 | 3 189                 | 1 685                             | 1 881                        | 3 566                     | 6 755                |
| 1977-78 | 1 455                         | 1 592                 | 3 047                 | 1 967                             | 1 970                        | 3 937                     | 6 984                |
| 1978-79 | 3 093                         | 1 815                 | 4 908                 | 3 082                             | 2 215                        | 5 296                     | 10 204               |
| 1979-80 | 3 366                         | 2 175                 | 5 541                 | 3 659                             | 2 565                        | 6 223                     | 11 764               |
| 1980-81 | 2 666                         | 2 641                 | 5 307                 | 3 474                             | 2 799                        | 6 274                     | 11 580               |
| 1981-82 | 3 652                         | 2 660                 | 6 312                 | 3 296                             | 3 096                        | 6 392                     | 12 704               |
| 1982-83 | 2 334                         | 2 682                 | 5 017                 | 3 452                             | 3 240                        | 6 692                     | 11 708               |
| 1983-84 | 5 188                         | 3 239                 | 8 426                 | 3 484                             | 3 485                        | 6 969                     | 15 396               |
| 1984-85 | 4 785                         | 3 083                 | 7 867                 | 3 725                             | 3 784                        | 7 510                     | 15 377               |
| 1985-86 | 4 074                         | 3 278                 | 7 352                 | 3 903                             | 4 125                        | 8 028                     | 15 381               |
| 1986-87 | 3 748                         | 3 987                 | 7 735                 | 4 633                             | 4 915                        | 9 547                     | 17 282               |
| 1987-88 | 3 520                         | 4 119                 | 7 639                 | 5 077                             | 7 247                        | 12 324                    | 19 962               |
| 1988-89 | 4 685                         | 4 959                 | 9 643                 | 5 308                             | 7 894                        | 13 202                    | 22 845               |
| 1989-90 | 4 462                         | 5 455                 | 9 917                 | 5 867                             | 7 806                        | 13 673                    | 23 591               |
| 1990-91 | 3 467                         | 5 654                 | 9 121                 | 5 732                             | 6 354                        | 12 086                    | 21 207               |
| 1991-92 | 4 021                         | 6 143                 | 10 164                | 5 751                             | 5 253                        | 11 004                    | 21 168               |
| 1992-93 | 4 621                         | 6 117                 | 10 737                | 6 046                             | 5 207                        | 11 252                    | 21 990               |
| 1993-94 | 5 157                         | 6 448                 | 11 606                | 6 874                             | 5 167                        | 12 041                    | 23 647               |
| 1994-95 | 3 997                         | 7 121                 | 11 119                | 6 680                             | 5 995                        | 12 676                    | 23 794               |
| 1995-96 | 7 470                         | 7 907                 | 15 377                | 6 431                             | 5 707                        | 12 138                    | 27 515               |
| 1996-97 | 8 133                         | 8 186                 | 16 319                | 6 376                             | 5 754                        | 12 130                    | 28 449               |
| 1997-98 | 6 715                         | 8 861                 | 15 576                | 6 992                             | 5 958                        | 12 950                    | 28 526               |
| 1998-99 | 7 134                         | 9 042                 | 16 177                | 7 256                             | 5 412                        | 12 667                    | 28 844               |
| 1999-00 | 8 082                         | 8 970                 | 17 052                | 7 944                             | 5 472                        | 13 417                    | 30 468               |
| 2000-01 | 8 701                         | 10 029                | 18 730                | 9 738                             | 5 965                        | 15 702                    | 34 432               |
| 2001-02 | 10 875                        | 10 385                | 21 260                | 11 434                            | 6 834                        | 18 268                    | 39 528               |
| 2002-03 | 5 440                         | 9 988                 | 15 428                | 10 676                            | 6 482                        | 17 158                    | 32 586               |
| 2003-04 | 9 836                         | 10 541                | 20 377                | 10 896                            | 5 615                        | 16 511                    | 36 888               |
| 2004-05 | 7 359                         | 10 711                | 18 070                | 12 030                            | 5 794                        | 17 824                    | 35 894               |
| 2005-06 | 9 999                         | 10 845                | 20 844                | 12 007                            | 5 666                        | 17 673                    | 38 517               |

Sources: ABS, Australian National Accounts, National Income and Expenditure, cat. no. 5206.0, Canberra; ABS, Agriculture, Australia, cat. no. 7113.0, Canberra; ABS, Value of Agricultural Commodities Produced, Australia, cat. no. 7503.0, Canberra; ABARE.

## 20 Value of Australian agricultural exports (fob)

|  | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
|  | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     |
| <b>Grains and oilseeds</b>                 |         |         |         |         |         |         |         |         |
| Wheat (including flour)                    | 3 467   | 3 481   | 4 197   | 4 612   | 3 109   | 3 475   | 3 488   | 3 296   |
| Barley (including malt)                    | 877     | 822     | 1 101   | 1 278   | 954     | 1 239   | 1 274   | 1 108   |
| Oats                                       | 38      | 27      | 22      | 37      | 66      | 66      | 36      | 47      |
| Sorghum                                    | 46      | 81      | 122     | 109     | 17      | 61      | 96      | 33      |
| Rice                                       | 417     | 386     | 369     | 354     | 371     | 145     | 173     | 176     |
| Lupins                                     | 155     | 235     | 166     | 109     | 57      | 148     | 89      | 101     |
| Peas <sup>a</sup>                          | 63      | 90      | 112     | 157     | 43      | 56      | 33      | 43      |
| Chickpeas                                  | 50      | 101     | 113     | 167     | 52      | 71      | 65      | 107     |
| Canola                                     | 558     | 638     | 544     | 572     | 289     | 453     | 397     | 331     |
| Cottonseed                                 | 91      | 122     | 137     | 148     | 82      | 62      | 55      | 53      |
| Other oilseeds <sup>b</sup>                | 25      | 29      | 28      | 20      | 21      | 25      | 33      | 20      |
| Total                                      | 5 785   | 6 013   | 6 910   | 7 563   | 5 062   | 5 800   | 5 739   | 5 314   |
| <b>Industrial crops</b>                    |         |         |         |         |         |         |         |         |
| Raw cotton <sup>c</sup>                    | 1 559   | 1 407   | 1 958   | 1 547   | 1 153   | 982     | 770     | 1 137   |
| Sugar                                      | 1 385   | 1 095   | 1 178   | 1 430   | 1 220   | 982     | 1 098   | 1 550   |
| Wine                                       | 991     | 1 347   | 1 614   | 1 970   | 2 386   | 2 494   | 2 715   | 2 757   |
| Total                                      | 3 934   | 3 849   | 4 751   | 4 948   | 4 759   | 4 458   | 4 583   | 5 444   |
| Other crops                                | 2 487   | 2 780   | 3 145   | 3 432   | 3 420   | 3 096   | 3 186   | 3 214   |
| Total crops                                | 12 206  | 12 643  | 14 805  | 15 943  | 13 241  | 13 354  | 13 508  | 13 973  |
| <b>Meat and live animals for slaughter</b> |         |         |         |         |         |         |         |         |
| Beef and veal                              | 2 863   | 3 119   | 4 007   | 4 189   | 3 756   | 3 793   | 4 584   | 4 272   |
| Live cattle                                | 343     | 433     | 482     | 526     | 567     | 318     | 374     | 358     |
| Mutton                                     | 309     | 326     | 416     | 490     | 346     | 379     | 418     | 431     |
| Lamb                                       | 305     | 369     | 508     | 626     | 554     | 636     | 700     | 782     |
| Live sheep                                 | 182     | 180     | 258     | 392     | 408     | 266     | 207     | 291     |
| Pig meat                                   | 71      | 159     | 186     | 265     | 256     | 181     | 150     | 140     |
| Poultry meat                               | 23      | 21      | 26      | 26      | 22      | 20      | 20      | 21      |
| Canned meat                                | 53      | 50      | 16      | 39      | 17      | 12      | 12      | 12      |
| Total                                      | 4 095   | 4 606   | 5 882   | 6 514   | 5 910   | 5 594   | 6 452   | 6 295   |
| <b>Wool</b>                                |         |         |         |         |         |         |         |         |
| Greasy <sup>d</sup>                        | 1 457   | 1 796   | 2 310   | 2 271   | 2 266   | 1 850   | 1 994   | 1 868   |
| Semiprocessed                              | 994     | 1 031   | 1 289   | 1 119   | 991     | 632     | 505     | 389     |
| Skins                                      | 132     | 136     | 298     | 297     | 288     | 296     | 339     | 287     |
| Total <sup>d</sup>                         | 2 583   | 2 963   | 3 897   | 3 687   | 3 545   | 2 778   | 2 838   | 2 544   |
| <b>Dairy products</b>                      |         |         |         |         |         |         |         |         |
| Butter                                     | 294     | 291     | 291     | 297     | 224     | 182     | 188     | 224     |
| Cheese                                     | 695     | 807     | 950     | 1 033   | 800     | 738     | 875     | 836     |
| Casein                                     | 73      | 93      | 100     | 123     | 128     | 122     | 116     | 89      |
| Skim milk powder                           | 496     | 478     | 694     | 698     | 406     | 386     | 420     | 529     |
| Wholemilk powder                           | 364     | 403     | 580     | 571     | 380     | 321     | 324     | 334     |
| Other dairy products                       | 369     | 419     | 485     | 556     | 555     | 540     | 564     | 559     |
| Total                                      | 2 291   | 2 491   | 3 100   | 3 278   | 2 493   | 2 290   | 2 488   | 2 570   |
| Other livestock exports                    | 1 444   | 1 452   | 1 884   | 1 771   | 1 977   | 2 224   | 2 329   | 2 279   |
| Total livestock exports                    | 10 413  | 11 512  | 14 763  | 15 250  | 13 924  | 12 885  | 14 108  | 13 689  |
| Total farm exports                         | 22 620  | 24 154  | 29 568  | 31 193  | 27 164  | 26 240  | 27 615  | 27 662  |

<sup>a</sup> Field peas and cowpeas. <sup>b</sup> Includes soybeans, linseed, sunflowerseed, safflowerseed and peanuts. Excludes meals and oils. <sup>c</sup> Excludes cotton waste and linters. <sup>d</sup> On a balance of payments basis. ABS recorded trade data adjusted for changes in stock levels held overseas by Wool International.

Sources: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra; Department of Agriculture, Fisheries and Forestry; ABARE.

## 21 Value of Australian agricultural exports (fob), by destination

|                         | 1998-99       | 1999-00       | 2000-01       | 2001-02       | 2002-03       | 2003-04       | 2004-05       | 2005-06       |
|-------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                         | \$m           | \$m           | \$m           | \$m           | \$m           | \$m           | \$m           | \$m           |
| <b>Africa</b>           |               |               |               |               |               |               |               |               |
| Egypt                   | 578           | 500           | 543           | 721           | 332           | 657           | 228           | 472           |
| South Africa            | 168           | 152           | 196           | 133           | 127           | 123           | 118           | 117           |
| Total                   | 1 164         | 985           | 1 287         | 1 538         | 900           | 1 167         | 735           | 1 027         |
| <b>Americas</b>         |               |               |               |               |               |               |               |               |
| United States           | 1 684         | 2 041         | 2 885         | 3 332         | 2 949         | 3 014         | 3 128         | 2 988         |
| Canada                  | 452           | 441           | 545           | 487           | 519           | 381           | 490           | 531           |
| Total                   | 2 482         | 2 779         | 3 857         | 4 245         | 3 836         | 3 770         | 3 878         | 3 821         |
| <b>North Asia</b>       |               |               |               |               |               |               |               |               |
| China                   | 1 330         | 1 831         | 2 189         | 2 331         | 2 129         | 2 209         | 2 736         | 3 100         |
| Chinese Taipei          | 733           | 740           | 794           | 760           | 737           | 642           | 688           | 737           |
| Japan                   | 3 938         | 4 134         | 4 868         | 4 339         | 3 905         | 4 320         | 5 292         | 5 033         |
| Korea, Rep. of          | 1 093         | 1 161         | 1 433         | 1 392         | 1 310         | 1 266         | 1 673         | 1 813         |
| Total                   | 7 545         | 8 337         | 9 875         | 9 446         | 8 609         | 8 654         | 10 745        | 11 075        |
| <b>South East Asia</b>  |               |               |               |               |               |               |               |               |
| Indonesia               | 1 069         | 1 067         | 1 559         | 1 603         | 1 450         | 1 407         | 1 508         | 1 538         |
| Malaysia                | 788           | 752           | 1 074         | 777           | 621           | 842           | 991           | 1 004         |
| Philippines             | 598           | 628           | 695           | 629           | 484           | 378           | 343           | 269           |
| Singapore               | 429           | 533           | 567           | 611           | 548           | 450           | 535           | 501           |
| Thailand                | 514           | 526           | 670           | 596           | 543           | 504           | 493           | 545           |
| Total                   | 3 595         | 3 736         | 4 858         | 4 511         | 3 888         | 3 794         | 4 125         | 4 096         |
| <b>South Asia</b>       | 1 183         | 1 262         | 1 211         | 1 225         | 649           | 771           | 813           | 732           |
| <b>Middle East</b>      | 1 871         | 2 004         | 2 897         | 3 272         | 2 080         | 2 132         | 1 953         | 2 204         |
| <b>Europe</b>           |               |               |               |               |               |               |               |               |
| European Union <b>a</b> | 2 510         | 2 581         | 3 382         | 3 063         | 2 867         | 2 641         | 2 645         | 2 505         |
| Russian Federation      | 31            | 22            | 74            | 88            | 65            | 76            | 116           | 188           |
| Total                   | 2 588         | 2 637         | 3 468         | 3 167         | 2 989         | 2 750         | 2 815         | 2 742         |
| <b>Oceania</b>          | 921           | 976           | 1 123         | 1 202         | 1 284         | 1 230         | 1 355         | 1 372         |
| New Zealand             | 625           | 672           | 791           | 861           | 936           | 920           | 1 025         | 1 054         |
| <b>Other <b>b</b></b>   | 1 271         | 1 439         | 992           | 2 588         | 2 930         | 1 972         | 1 196         | 593           |
| <b>Total</b>            | <b>22 620</b> | <b>24 154</b> | <b>29 568</b> | <b>31 193</b> | <b>27 164</b> | <b>26 240</b> | <b>27 615</b> | <b>27 662</b> |

**a** Twenty five countries. **b** Includes commodities such as rice and lupins for which export data are not available by destination.

Note: For some agricultural commodities (namely, wheat, sugar and barley), data are only available by volume to specific export destinations. The country export values for these commodities are calculated using an average export unit return to all destinations.

Sources: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra; ABARE.

## 22 Indexes of prices received by farmers in Australia

|                              | 1988-89      | 1989-90      | 1990-91     | 1991-92     | 1992-93     | 1993-94     | 1994-95      | 1995-96      | 1996-97      |
|------------------------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| <b>Crops sector</b>          |              |              |             |             |             |             |              |              |              |
| Grains and oilseeds          |              |              |             |             |             |             |              |              |              |
| Wheat                        | 110.6        | 102.0        | 69.0        | 103.8       | 93.4        | 88.3        | 124.9        | 136.3        | 107.5        |
| Barley                       | 109.2        | 111.2        | 75.3        | 86.2        | 92.8        | 79.0        | 135.1        | 143.7        | 116.6        |
| Sorghum                      | 89.3         | 85.6         | 80.3        | 83.7        | 94.1        | 85.9        | 112.3        | 119.0        | 106.7        |
| Oats                         | 92.8         | 79.4         | 72.1        | 78.8        | 78.9        | 65.6        | 131.3        | 112.9        | 100.3        |
| Lupins                       | 105.4        | 118.9        | 115.0       | 88.8        | 106.1       | 96.2        | 95.3         | 106.7        | 111.8        |
| Canola                       | 76.8         | 66.5         | 62.3        | 61.8        | 69.7        | 77.3        | 80.0         | 81.4         | 75.6         |
| Total                        | 107.7        | 102.1        | 75.7        | 95.3        | 94.2        | 89.9        | 120.9        | 126.1        | 105.1        |
| Cotton                       | 79.3         | 98.9         | 104.6       | 88.3        | 91.8        | 98.6        | 123.5        | 121.3        | 103.1        |
| Sugar                        | 96.5         | 109.8        | 102.6       | 90.4        | 89.6        | 102.8       | 112.7        | 110.2        | 100.0        |
| Hay                          | 74.1         | 80.3         | 95.1        | 95.6        | 77.3        | 78.3        | 108.8        | 102.3        | 93.6         |
| Fruit                        | 88.2         | 85.5         | 90.6        | 95.1        | 85.4        | 87.0        | 101.1        | 103.0        | 109.6        |
| Wine grapes                  | 49.5         | 59.6         | 46.7        | 53.8        | 52.5        | 58.0        | 72.8         | 82.4         | 88.5         |
| Vegetables                   | 112.4        | 122.5        | 86.5        | 89.8        | 94.3        | 100.6       | 115.1        | 115.2        | 100.9        |
| Total crops sectors          | 102.1        | 103.2        | 84.9        | 93.4        | 91.9        | 92.5        | 115.2        | 118.2        | 104.1        |
| <b>Livestock sector</b>      |              |              |             |             |             |             |              |              |              |
| Livestock for slaughter      |              |              |             |             |             |             |              |              |              |
| Cattle                       | 119.9        | 129.2        | 123.2       | 117.9       | 117.0       | 134.1       | 126.1        | 104.9        | 93.0         |
| Lambs                        | 70.1         | 64.2         | 52.8        | 58.4        | 85.2        | 97.6        | 89.9         | 116.9        | 121.4        |
| Sheep                        | 69.3         | 29.4         | 8.8         | 21.4        | 39.0        | 48.4        | 58.3         | 85.9         | 85.0         |
| Live sheep for export        | 79.2         | 78.0         | 34.7        | 47.8        | 55.7        | 66.8        | 82.8         | 98.5         | 92.7         |
| Pigs                         | 105.2        | 106.5        | 114.0       | 101.0       | 98.4        | 95.3        | 96.4         | 122.4        | 123.2        |
| Poultry                      | 98.6         | 100.4        | 100.7       | 93.6        | 97.7        | 101.7       | 98.2         | 99.6         | 107.2        |
| Total                        | 105.9        | 108.7        | 102.9       | 99.1        | 102.4       | 113.9       | 109.9        | 106.5        | 101.0        |
| Livestock products           |              |              |             |             |             |             |              |              |              |
| Wool                         | 156.5        | 131.9        | 99.7        | 86.7        | 75.1        | 75.2        | 115.4        | 93.3         | 91.9         |
| Milk                         | 82.9         | 88.8         | 90.7        | 93.2        | 102.3       | 99.2        | 96.5         | 108.2        | 103.4        |
| Eggs                         | 107.5        | 99.0         | 96.4        | 92.0        | 95.3        | 91.4        | 88.6         | 101.7        | 105.2        |
| Honey                        | 58.8         | 60.0         | 71.1        | 80.8        | 82.3        | 76.8        | 81.7         | 90.2         | 101.6        |
| Total                        | 133.3        | 118.7        | 98.1        | 90.6        | 87.4        | 86.1        | 105.8        | 100.8        | 98.1         |
| Store and breeding stock     | 92.3         | 88.6         | 82.0        | 79.7        | 78.8        | 95.0        | 96.7         | 96.1         | 89.4         |
| Total livestock sector       | 118.7        | 112.4        | 99.1        | 93.7        | 93.6        | 99.9        | 107.0        | 103.2        | 98.8         |
| <b>Total prices received</b> | <b>112.4</b> | <b>109.3</b> | <b>93.6</b> | <b>94.5</b> | <b>93.7</b> | <b>97.4</b> | <b>112.0</b> | <b>111.2</b> | <b>101.6</b> |

*Continued*



## 22 Indexes of prices received by farmers in Australia *continued*

|                              | 1997-98 | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| <b>Crops sector</b>          |         |         |         |         |         |         |         |         |         |
| Grains and oilseeds          |         |         |         |         |         |         |         |         |         |
| Wheat                        | 100.0   | 94.5    | 98.7    | 117.4   | 132.3   | 134.4   | 109.1   | 99.6    | 114.9   |
| Barley                       | 100.0   | 87.7    | 107.9   | 125.1   | 130.8   | 159.9   | 105.9   | 100.1   | 121.2   |
| Sorghum                      | 100.0   | 88.1    | 72.6    | 85.1    | 102.2   | 120.9   | 93.8    | 79.4    | 105.3   |
| Oats                         | 100.0   | 63.7    | 77.5    | 96.5    | 128.2   | 160.3   | 101.1   | 98.1    | 126.0   |
| Lupins                       | 100.0   | 72.9    | 74.3    | 104.9   | 127.7   | 149.0   | 120.4   | 105.2   | 106.1   |
| Canola                       | 100.0   | 98.7    | 80.1    | 79.6    | 99.7    | 100.9   | 104.4   | 84.5    | 96.0    |
| Total                        | 100.0   | 92.0    | 94.5    | 108.7   | 123.7   | 134.0   | 105.2   | 95.7    | 111.9   |
| Cotton                       | 100.0   | 88.4    | 97.4    | 106.1   | 92.7    | 100.1   | 88.2    | 87.0    | 85.0    |
| Sugar                        | 100.0   | 93.2    | 72.2    | 70.4    | 88.5    | 83.2    | 76.3    | 84.1    | 90.6    |
| Hay                          | 100.0   | 98.4    | 100.0   | 110.7   | 104.2   | 155.0   | 125.0   | 128.0   | 147.8   |
| Fruit                        | 100.0   | 108.7   | 100.0   | 102.0   | 117.8   | 108.9   | 123.9   | 114.3   | 187.7   |
| Wine grapes                  | 100.0   | 109.7   | 99.3    | 108.7   | 110.2   | 100.5   | 96.2    | 81.5    | 76.3    |
| Vegetables                   | 100.0   | 108.2   | 100.4   | 107.5   | 104.3   | 123.8   | 124.6   | 122.2   | 141.2   |
| Total crops sectors          | 100.0   | 96.9    | 94.9    | 104.7   | 113.6   | 118.7   | 106.3   | 99.3    | 116.3   |
| <b>Livestock sector</b>      |         |         |         |         |         |         |         |         |         |
| Livestock for slaughter      |         |         |         |         |         |         |         |         |         |
| Cattle                       | 100.0   | 105.6   | 119.3   | 144.2   | 167.7   | 145.0   | 160.4   | 177.2   | 178.6   |
| Lambs                        | 100.0   | 101.9   | 94.8    | 104.1   | 167.2   | 176.7   | 190.1   | 184.3   | 183.8   |
| Sheep                        | 100.0   | 83.7    | 69.5    | 117.9   | 204.7   | 185.4   | 230.3   | 195.4   | 202.0   |
| Live sheep for export        | 100.0   | 94.0    | 95.3    | 111.4   | 156.1   | 179.3   | 178.0   | 164.1   | 176.1   |
| Pigs                         | 100.0   | 94.2    | 110.2   | 113.7   | 123.6   | 109.7   | 109.4   | 117.8   | 112.6   |
| Poultry                      | 100.0   | 94.1    | 90.2    | 90.1    | 93.0    | 98.5    | 97.7    | 91.9    | 93.1    |
| Total                        | 100.0   | 100.9   | 108.4   | 126.0   | 151.5   | 139.1   | 149.2   | 157.4   | 158.2   |
| Livestock products           |         |         |         |         |         |         |         |         |         |
| Wool                         | 100.0   | 79.2    | 81.4    | 98.3    | 113.9   | 153.2   | 116.5   | 107.4   | 98.4    |
| Milk                         | 100.0   | 95.5    | 87.9    | 97.0    | 110.5   | 90.7    | 93.4    | 105.7   | 109.2   |
| Eggs                         | 100.0   | 85.3    | 84.0    | 79.1    | 82.8    | 92.4    | 89.2    | 85.4    | 91.2    |
| Honey                        | 100.0   | 101.1   | 94.3    | 94.3    | 115.0   | 130.5   | 131.3   | 129.4   | 134.5   |
| Total                        | 100.0   | 87.5    | 84.5    | 95.6    | 109.0   | 114.0   | 101.6   | 104.6   | 103.8   |
| Store and breeding stock     | 100.0   | 100.9   | 105.0   | 126.0   | 145.3   | 125.9   | 144.0   | 159.5   | 163.2   |
| Total livestock sector       | 100.0   | 95.2    | 97.9    | 113.0   | 133.4   | 128.1   | 129.3   | 135.4   | 135.5   |
| <b>Total prices received</b> | 100.0   | 96.1    | 96.3    | 108.5   | 122.5   | 122.6   | 116.5   | 115.2   | 124.7   |

Note: ABARE revised the method for calculating these indexes in October 1999. The indexes for commodity groups are now calculated on a chained weight basis using Fishers' ideal index with a reference year of 1997-98 = 100. Indexes for most individual commodities are based on annual gross unit value of production.

Source: ABARE.

## 23 Farm land use and livestock numbers in Australia

|         | Area used for <sup>a</sup> |   | Total<br>area of<br>farms<br>million ha | Livestock numbers <sup>b</sup> |                            |                  |
|---------|----------------------------|---|---|--------------------------------|----------------------------|------------------|
|         | Wheat<br>million ha        | Other<br>crops <sup>c</sup><br>million ha |   | Beef<br>cattle<br>million      | Dairy<br>cattle<br>million | Sheep<br>million |
| 1962-63 | 6.7                        | 2.6                                       | 476.6                                   | 13.47                          | 5.08                       | 158.63           |
| 1963-64 | 6.7                        | 2.7                                       | 479.4                                   | 13.78                          | 4.62                       | 164.98           |
| 1964-65 | 7.3                        | 2.8                                       | 481.9                                   | 13.65                          | 4.54                       | 170.62           |
| 1965-66 | 7.1                        | 3.0                                       | 486.3                                   | 12.98                          | 4.41                       | 157.56           |
| 1966-67 | 8.4                        | 3.4                                       | 487.0                                   | 13.36                          | 4.34                       | 164.24           |
| 1967-68 | 9.1                        | 3.0                                       | 489.6                                   | 14.42                          | 4.24                       | 166.91           |
| 1968-69 | 10.8                       | 3.5                                       | 490.6                                   | 15.93                          | 4.09                       | 168.95           |
| 1969-70 | 9.5                        | 3.7                                       | 494.7                                   | 17.54                          | 4.01                       | 174.26           |
| 1970-71 | 6.5                        | 4.7                                       | 497.2                                   | 19.83                          | 3.90                       | 171.74           |
| 1971-72 | 7.1                        | 5.3                                       | 499.5                                   | 22.89                          | 3.82                       | 155.39           |
| 1972-73 | 7.6                        | 4.6                                       | 499.8                                   | 24.65                          | 3.79                       | 134.10           |
| 1973-74 | 8.9                        | 4.3                                       | 500.3                                   | 26.59                          | 3.57                       | 139.45           |
| 1974-75 | 8.3                        | 4.2                                       | 499.9                                   | 28.52                          | 3.53                       | 145.83           |
| 1975-76 | 8.6                        | 4.7                                       | 500.7                                   | 29.26                          | 3.41                       | 144.11           |
| 1976-77 | 9.0                        | 4.7                                       | 491.5                                   | 27.83                          | 3.12                       | 131.32           |
| 1977-78 | 10.0                       | 5.3                                       | 489.4                                   | 25.73                          | 2.90                       | 127.46           |
| 1978-79 | 10.2                       | 5.6                                       | 493.2                                   | 23.68                          | 2.73                       | 130.50           |
| 1979-80 | 11.2                       | 5.2                                       | 495.6                                   | 22.82                          | 2.70                       | 132.71           |
| 1980-81 | 11.3                       | 5.2                                       | 495.4                                   | 21.82                          | 2.67                       | 131.44           |
| 1981-82 | 11.9                       | 5.9                                       | 490.8                                   | 21.23                          | 2.66                       | 135.02           |
| 1982-83 | 11.5                       | 5.7                                       | 483.8                                   | 19.21                          | 2.64                       | 130.51           |
| 1983-84 | 12.8                       | 7.3                                       | 488.6                                   | 18.85                          | 2.69                       | 135.14           |
| 1984-85 | 12.0                       | 7.3                                       | 489.2                                   | 19.44                          | 2.71                       | 145.67           |
| 1985-86 | 11.7                       | 6.5                                       | 468.3                                   | 20.14                          | 2.66                       | 150.40           |
| 1986-87 | 11.1                       | 5.4                                       | 471.0                                   | 18.75                          | 2.56                       | 153.18           |
| 1987-88 | 9.0                        | 7.3                                       | 472.0                                   | 18.73                          | 2.50                       | 156.54           |
| 1988-89 | 8.8                        | 6.8                                       | 466.9                                   | 19.33                          | 2.48                       | 164.91           |
| 1989-90 | 9.0                        | 6.2                                       | 464.3                                   | 20.07                          | 2.46                       | 173.78           |
| 1990-91 | 9.2                        | 6.6                                       | 462.8                                   | 21.23                          | 2.43                       | 166.57           |
| 1991-92 | 7.2                        | 7.5                                       | 466.0                                   | 21.45                          | 2.43                       | 151.00           |
| 1992-93 | 9.1                        | 7.5                                       | 460.1                                   | 21.56                          | 2.50                       | 140.54           |
| 1993-94 | 8.4                        | 8.1                                       | 469.1                                   | 23.08                          | 2.68                       | 132.57           |
| 1994-95 | 7.9                        | 7.8                                       | 463.3                                   | 22.99                          | 2.74                       | 120.86           |
| 1995-96 | 9.2                        | 8.8                                       | 465.2                                   | 23.57                          | 2.81                       | 121.12           |
| 1996-97 | 10.9                       | 9.1                                       | 462.2                                   | 23.74                          | 2.96                       | 120.23           |
| 1997-98 | 10.4                       | 9.7                                       | 463.8                                   | 23.78                          | 3.08                       | 117.49           |
| 1998-99 | 11.5                       | 10.3                                      | 453.7                                   | 22.82                          | 3.22                       | 115.46           |
| 1999-00 | 12.2                       | 9.9                                       | 455.5                                   | 24.45                          | 3.14                       | 118.55           |
| 2000-01 | 12.1                       | 10.4                                      | 455.7                                   | 24.50                          | 3.22                       | 110.93           |
| 2001-02 | 11.5                       | 10.5                                      | 447.0                                   | 24.74                          | 3.13                       | 106.17           |
| 2002-03 | 11.2                       | 10.2                                      | 439.5                                   | 23.62                          | 3.05                       | 99.25            |
| 2003-04 | 13.1                       | 10.7                                      | 440.1                                   | 24.41                          | 3.06                       | 101.29           |
| 2004-05 | 13.4                       | 11.0                                      | 445.1                                   | 24.73                          | 3.06                       | 101.13           |
| 2005-06 | 13.0                       | 10.6                                      | na                                      | 25.51                          | 3.05                       | 100.13           |

<sup>a</sup> Year ended 31 March. From 1999-00, year ended 30 June. Details for establishments with estimated value of agricultural operations (EVAO) of \$2 500 or more until 1985-86; EVAO of \$5 000 or more from 1986-87 to 1988-89; EVAO of \$20 000 or more from 1989-90 to 1990-91; EVAO of \$22 500 or more from 1991-92 to 1992-93; and EVAO of \$5 000 or more from 1993-94. <sup>b</sup> Year ended 31 March. From 1999-00, year ended 30 June. Before 1987, includes livestock holdings on establishments with an EVAO of \$2 500 or more. From 1987, the EVAO has been raised to \$5 000. <sup>c</sup> Includes barley, canola, chickpeas, field peas, lupins, oats, triticale, maize, rice, sorghum, soybeans, sunflowerseed, linseed, safflowerseed, sugar cane and winegrapes. Excludes winegrapes before 1974-75. **na** Not available.

Sources: ABS, *Selected Agricultural Commodities, Australia (Preliminary)*, cat. no. 7112.0, Canberra; ABS, *Agriculture, Australia*, cat. no. 7113.0, Canberra; ABS, *Agricultural Commodities*, cat. no. 7121.0, Canberra; ABS, *Livestock and Livestock Products, Australia*, cat. no. 7221.0, Canberra; ABS, *Crops and Pastures, Australia*, cat. no. 7321.0, Canberra; ABS, *Summary of Crops, Australia*, cat. no. 7330.0, Canberra; ABS, *Agricultural Land Use and Selected Inputs, Australia*, cat. no. 7411.0, Canberra; ABARE.

## 24 Number of agricultural establishments and rural employment in Australia

|         | Agricultural establishments <sup>a</sup><br>no. | Rural employment <sup>b</sup>       |                                 |                                     | Total<br>'000 |
|---------|---|-------------------------------------|---------------------------------|-------------------------------------|---------------|
|         |   | Employers and self-employed<br>'000 | Wage and salary earners<br>'000 | Contributing family workers<br>'000 |               |
| 1962-63 | 201 600   | na                                  | na                              | na                                  | na            |
| 1963-64 | 201 000   | na                                  | na                              | na                                  | na            |
| 1964-65 | 200 350   | na                                  | na                              | na                                  | na            |
| 1965-66 | 199 750   | na                                  | na                              | na                                  | na            |
| 1966-67 | 198 400   | 251.9                               | 139.4                           | 25.7                                | 417.0         |
| 1967-68 | 197 050   | 250.0                               | 143.0                           | 23.2                                | 416.1         |
| 1968-69 | 195 700   | 242.4                               | 142.2                           | 25.4                                | 409.9         |
| 1969-70 | 192 550   | 237.7                               | 146.9                           | 21.8                                | 406.4         |
| 1970-71 | 189 400   | 243.0                               | 148.9                           | 22.8                                | 414.6         |
| 1971-72 | 187 650   | 239.6                               | 144.8                           | 22.8                                | 407.1         |
| 1972-73 | 185 900   | 236.0                               | 143.3                           | 22.1                                | 401.4         |
| 1973-74 | 184 150   | 238.3                               | 136.9                           | 16.0                                | 391.2         |
| 1974-75 | 182 250   | 238.7                               | 127.0                           | 16.1                                | 381.9         |
| 1975-76 | 180 411   | 243.4                               | 118.5                           | 16.7                                | 378.6         |
| 1976-77 | 173 625   | 248.3                               | 107.1                           | 17.6                                | 373.0         |
| 1977-78 | 176 155   | 237.0                               | 107.1                           | 19.8                                | 363.9         |
| 1978-79 | 177 218   | 233.1                               | 113.9                           | 14.1                                | 361.1         |
| 1979-80 | 179 084   | 239.5                               | 124.4                           | 14.7                                | 378.6         |
| 1980-81 | 175 756   | 243.9                               | 124.9                           | 13.6                                | 382.4         |
| 1981-82 | 174 466   | 236.0                               | 132.1                           | 11.9                                | 379.9         |
| 1982-83 | 178 025   | 253.4                               | 120.6                           | 16.8                                | 390.8         |
| 1983-84 | 175 412   | 249.0                               | 121.5                           | 12.2                                | 382.6         |
| 1984-85 | 173 061   | 248.1                               | 116.8                           | 11.2                                | 376.0         |
| 1985-86 | 171 180   | 261.3                               | 124.9                           | 18.4                                | 404.6         |
| 1986-87 | 169 568   | 250.1                               | 118.6                           | 25.4                                | 394.1         |
| 1987-88 | 168 339   | 242.0                               | 122.3                           | 26.8                                | 391.1         |
| 1988-89 | 167 934   | 245.9                               | 133.1                           | 25.5                                | 404.5         |
| 1989-90 | 163 416   | 236.2                               | 149.4                           | 16.9                                | 402.5         |
| 1990-91 | 158 898   | 238.3                               | 143.4                           | 26.8                                | 408.5         |
| 1991-92 | 154 380   | 230.4                               | 128.8                           | 23.8                                | 383.0         |
| 1992-93 | 151 966   | 227.7                               | 122.4                           | 27.2                                | 377.2         |
| 1993-94 | 150 389   | 227.5                               | 128.7                           | 26.8                                | 383.0         |
| 1994-95 | 147 115   | 228.2                               | 148.3                           | 26.8                                | 403.3         |
| 1995-96 | 146 612   | 228.2                               | 163.7                           | 26.6                                | 418.4         |
| 1996-97 | 145 083   | 225.6                               | 171.0                           | 25.3                                | 421.9         |
| 1997-98 | 144 836   | 236.0                               | 174.5                           | 20.3                                | 430.8         |
| 1998-99 | 145 226   | 214.1                               | 188.8                           | 18.9                                | 421.8         |
| 1999-00 | 146 371   | 218.6                               | 196.0                           | 23.4                                | 438.0         |
| 2000-01 | 140 516   | 212.0                               | 201.0                           | 22.2                                | 435.1         |
| 2001-02 | 135 377   | 214.8                               | 216.5                           | 13.0                                | 444.4         |
| 2002-03 | 132 983   | 183.2                               | 184.0                           | 10.2                                | 377.4         |
| 2003-04 | 130 526   | 175.5                               | 189.3                           | 9.8                                 | 374.5         |
| 2004-05 | 129 934   | 170.5                               | 185.7                           | 10.0                                | 366.2         |
| 2005-06 | na  | 165.2                               | 180.6                           | 10.2                                | 356.0         |

<sup>a</sup> Represents total establishments engaged in agricultural activities. <sup>b</sup> Census date is at 30 June from 2000 onwards. Prior to 2000 the census date was 31 March. Average over four quarters. Before 1994-95, the data represents agriculture and services to agriculture. From 1994-95 onwards, the data represents agriculture, forestry, fishing and hunting, and services to these industries. **na** Not available. Sources: ABS, *Labour Statistics, Australia*, cat. no. 6101.0, Canberra; ABS, *The Labour Force, Australia*, cat. no. 6203.0, Canberra; ABS, *Labour Force, Australia, Detailed - Electronic Delivery*, cat. no. 6291.0.55.001, Canberra; ABS, *Characteristics of Australian Farms*, cat. no. 7102.0, Canberra; ABS, *Agriculture*, cat. no. 7113.0, Canberra; ABS, *Agricultural Commodities*, cat. no. 7121.0, Canberra; Lette, G. 1979, *Number of Farms and Farm Work-force in Australia*, BAE, Quarterly Review of the Rural Economy, vol. 1, no. 2, May 1979, pp. 147-150; ABARE.

## 25 Summary of farm sector and other rural exports <sup>a</sup>

|                          | Cereal<br>grains and<br>products<br>\$m | Sugar<br>products<br>and honey<br>\$m | Meat<br>and meat<br>preparations<br>\$m | Wool and<br>sheepskins<br>\$m | Other<br>rural <sup>b</sup><br>\$m | Total<br>\$m |
|--------------------------|---|---------------------------------------|---|-------------------------------|------------------------------------|--------------|
| <b>At current prices</b> |   |                                       |   |                               |                                    |              |
| 1970-71                  | 596                                     | 160                                   | 428                                     | 594                           | 386                                | 2 164        |
| 1971-72                  | 623                                     | 223                                   | 558                                     | 631                           | 441                                | 2 476        |
| 1972-73                  | 421                                     | 259                                   | 857                                     | 1 270                         | 592                                | 3 399        |
| 1973-74                  | 748                                     | 230                                   | 795                                     | 1 242                         | 588                                | 3 603        |
| 1974-75                  | 1 460                                   | 661                                   | 444                                     | 770                           | 605                                | 3 940        |
| 1975-76                  | 1 397                                   | 599                                   | 668                                     | 1 043                         | 730                                | 4 437        |
| 1976-77                  | 1 317                                   | 645                                   | 886                                     | 1 558                         | 935                                | 5 341        |
| 1977-78                  | 1 330                                   | 544                                   | 1 118                                   | 1 292                         | 1 075                              | 5 359        |
| 1978-79                  | 1 182                                   | 466                                   | 1 711                                   | 1 608                         | 1 390                              | 6 357        |
| 1979-80                  | 2 957                                   | 719                                   | 1 729                                   | 1 790                         | 1 667                              | 8 862        |
| 1980-81                  | 2 339                                   | 1 198                                 | 1 592                                   | 1 920                         | 1 648                              | 8 697        |
| 1981-82                  | 2 494                                   | 794                                   | 1 417                                   | 1 893                         | 1 799                              | 8 397        |
| 1982-83                  | 1 837                                   | 596                                   | 1 632                                   | 1 819                         | 2 020                              | 7 904        |
| 1983-84                  | 2 861                                   | 665                                   | 1 357                                   | 1 960                         | 2 135                              | 8 978        |
| 1984-85                  | 4 000                                   | 625                                   | 1 409                                   | 2 651                         | 2 509                              | 11 194       |
| 1985-86                  | 3 848                                   | 652                                   | 1 698                                   | 3 028                         | 2 972                              | 12 198       |
| 1986-87                  | 2 759                                   | 698                                   | 2 247                                   | 3 920                         | 3 570                              | 13 194       |
| 1987-88                  | 2 298                                   | 701                                   | 2 557                                   | 5 806                         | 3 979                              | 15 341       |
| 1988-89                  | 2 828                                   | 934                                   | 2 270                                   | 5 984                         | 4 053                              | 16 069       |
| 1989-90                  | 3 288                                   | 1 104                                 | 2 936                                   | 3 753                         | 4 484                              | 15 565       |
| 1990-91                  | 2 436                                   | 948                                   | 3 173                                   | 2 887                         | 4 897                              | 14 341       |
| 1991-92                  | 2 352                                   | 747                                   | 3 434                                   | 3 829                         | 5 657                              | 16 019       |
| 1992-93                  | 2 954                                   | 1 072                                 | 3 750                                   | 3 367                         | 6 450                              | 17 593       |
| 1993-94                  | 3 205                                   | 1 315                                 | 4 043                                   | 3 369                         | 7 087                              | 19 019       |
| 1994-95                  | 2 523                                   | 1 730                                 | 3 654                                   | 4 216                         | 7 529                              | 19 652       |
| 1995-96                  | 4 926                                   | 1 712                                 | 3 292                                   | 3 664                         | 8 428                              | 22 022       |
| 1996-97                  | 5 954                                   | 1 694                                 | 2 957                                   | 3 744                         | 9 339                              | 23 688       |
| 1997-98                  | 5 094                                   | 1 939                                 | 3 731                                   | 4 020                         | 10 472                             | 25 256       |
| 1998-99                  | 5 046                                   | 1 472                                 | 4 008                                   | 2 583                         | 11 572                             | 24 681       |
| 1999-00                  | 4 941                                   | 1 229                                 | 4 467                                   | 2 963                         | 13 084                             | 26 684       |
| 2000-01                  | 5 937                                   | 1 330                                 | 5 796                                   | 3 897                         | 15 677                             | 32 637       |
| 2001-02                  | 6 481                                   | 1 610                                 | 6 246                                   | 3 687                         | 16 281                             | 34 305       |
| 2002-03                  | 4 487                                   | 1 363                                 | 5 655                                   | 3 545                         | 14 809                             | 29 859       |
| 2003-04                  | 5 094                                   | 1 123                                 | 5 758                                   | 2 778                         | 14 105                             | 28 858       |
| 2004-05                  | 5 159                                   | 1 292                                 | 6 937                                   | 2 838                         | 14 124                             | 30 350       |
| 2005-06                  | 4 853                                   | 1 786                                 | 6 713                                   | 2 544                         | 14 541                             | 30 437       |

<sup>a</sup> On a balance of payments basis. <sup>b</sup> Includes other farm, forest and fisheries products. Also includes wine, paper and paperboard, and tuna transhipped at sea or captured under joint venture agreements, which are not included in rural exports by the ABS.  
Sources: ABS, *Balance of Payments, Australia*, cat. no. 5302.0, Canberra; ABARE.

## 26 Australian winter and summer crop area and production

|         | Winter crops a |            | Summer crops b |            |
|---------|----------------|------------|----------------|------------|
|         | Area           | Production | Area           | Production |
|         | '000 ha        | kt         | '000 ha        | kt         |
| 1988-89 | 13 963         | 21 021     | 1 292          | 3 066      |
| 1989-90 | 13 845         | 21 518     | 932            | 2 754      |
| 1990-91 | 14 349         | 22 326     | 1 053          | 2 672      |
| 1991-92 | 13 058         | 18 962     | 1 225          | 3 793      |
| 1992-93 | 15 112         | 25 934     | 1 032          | 2 377      |
| 1993-94 | 14 906         | 27 783     | 1 172          | 3 096      |
| 1994-95 | 13 974         | 14 713     | 1 317          | 3 307      |
| 1995-96 | 16 128         | 27 785     | 1 448          | 3 623      |
| 1996-97 | 18 102         | 35 071     | 1 431          | 4 374      |
| 1997-98 | 18 260         | 31 116     | 1 335          | 3 823      |
| 1998-99 | 19 582         | 34 159     | 1 741          | 5 097      |
| 1999-00 | 19 883         | 37 202     | 1 591          | 5 025      |
| 2000-01 | 20 280         | 34 697     | 1 761          | 5 286      |
| 2001-02 | 19 783         | 39 241     | 1 633          | 4 933      |
| 2002-03 | 19 623         | 17 402     | 1 097          | 2 868      |
| 2003-04 | 21 982         | 43 386     | 1 211          | 3 679      |
| 2004-05 | 22 444         | 34 711     | 1 340          | 3 887      |
| 2005-06 | 21 376         | 40 748     | 1 581          | 4 542      |

**a** Includes lentils, lupins, chickpeas, faba beans, field peas, canola, linseed, safflower, wheat, barley, oats and triticale. **b** Includes sorghum, cottonseed, maize, sunflower, rice, soybean. Australia also includes peanuts, mung beans and navy beans.  
Sources: Australian Oilseeds Federation, Sydney; Pulse Australia, Sydney; ABS, Canberra; ABARE.

## 27 Australian winter and summer crop area and production, by state

|                   | Unit    | New South Wales | Victoria | Queensland | Western Australia | South Australia | Tasmania | Australia |
|-------------------|---------|-----------------|----------|------------|-------------------|-----------------|----------|-----------|
| <b>Winter a</b>   |         |                 |          |            |                   |                 |          |           |
| <b>Area</b>       |         |                 |          |            |                   |                 |          |           |
| 1996-97           | '000 ha | 4 676           | 2 331    | 1 225      | 6 793             | 3 048           | 28       | 18 102    |
| 1997-98           | '000 ha | 4 543           | 2 315    | 1 213      | 7 141             | 3 047           | 27       | 18 260    |
| 1998-99           | '000 ha | 4 927           | 2 454    | 1 420      | 7 419             | 3 376           | 27       | 19 582    |
| 1999-00           | '000 ha | 4 976           | 2 740    | 1 323      | 7 466             | 3 385           | 25       | 19 883    |
| 2000-01           | '000 ha | 5 398           | 2 707    | 1 126      | 7 390             | 3 667           | 28       | 20 280    |
| 2001-02           | '000 ha | 5 309           | 2 684    | 788        | 7 173             | 3 866           | na       | 19 783    |
| 2002-03           | '000 ha | 4 782           | 2 928    | 774        | 7 174             | 3 965           | 25       | 19 623    |
| 2003-04           | '000 ha | 6 070           | 3 126    | 1 067      | 7 689             | 4 034           | 25       | 21 982    |
| 2004-05           | '000 ha | 6 456           | 3 126    | 878        | 7 936             | 4 019           | 23       | 22 444    |
| 2005-06           | '000 ha | 5 289           | 2 926    | 1 167      | 7 975             | 3 989           | 29       | 21 376    |
| <b>Production</b> |         |                 |          |            |                   |                 |          |           |
| 1996-97           | Kt      | 11 285          | 4 599    | 2 469      | 11 192            | 5 458           | 65       | 35 071    |
| 1997-98           | Kt      | 8 558           | 3 398    | 1 637      | 12 097            | 5 360           | 66       | 31 116    |
| 1998-99           | Kt      | 9 718           | 3 508    | 2 322      | 12 232            | 6 304           | 74       | 34 159    |
| 1999-00           | Kt      | 11 539          | 5 236    | 2 223      | 13 325            | 4 817           | 61       | 37 202    |
| 2000-01           | Kt      | 10 834          | 6 232    | 1 340      | 8 726             | 7 486           | 75       | 34 697    |
| 2001-02           | Kt      | 11 171          | 5 873    | 1 142      | 12 050            | 8 927           | 75       | 39 241    |
| 2002-03           | Kt      | 3 505           | 1 955    | 836        | 6 812             | 4 227           | 65       | 17 402    |
| 2003-04           | Kt      | 10 766          | 6 941    | 1 472      | 16 682            | 7 450           | 70       | 43 386    |
| 2004-05           | Kt      | 10 724          | 4 203    | 1 384      | 12 472            | 5 849           | 77       | 34 711    |
| 2005-06           | Kt      | 11 476          | 5 919    | 1 684      | 14 290            | 7 314           | 65       | 40 748    |
| <b>Summer b</b>   |         |                 |          |            |                   |                 |          |           |
| <b>Area</b>       |         |                 |          |            |                   |                 |          |           |
| 1996-97           | '000 ha | 655             | 5        | 689        | 2                 | 0               | 0        | 1 431     |
| 1997-98           | '000 ha | 617             | 5        | 640        | 2                 | 1               | 0        | 1 335     |
| 1998-99           | '000 ha | 885             | 3        | 721        | 3                 | 2               | 1        | 1 741     |
| 1999-00           | '000 ha | 742             | 3        | 771        | 2                 | 0               | 0        | 1 591     |
| 2000-01           | '000 ha | 825             | 4        | 816        | 2                 | 0               | 0        | 1 761     |
| 2001-02           | '000 ha | 777             | 3        | 794        | 0                 | 1               | 0        | 1 633     |
| 2002-03           | '000 ha | 509             | 1        | 521        | 0                 | 0               | 0        | 1 097     |
| 2003-04           | '000 ha | 436             | 4        | 708        | 1                 | 0               | 0        | 1 211     |
| 2004-05           | '000 ha | 493             | 2        | 773        | 0                 | 0               | 0        | 1 340     |
| 2005-06           | '000 ha | 736             | 3        | 765        | 4                 | 0               | 0        | 1 581     |
| <b>Production</b> |         |                 |          |            |                   |                 |          |           |
| 1996-97           | Kt      | 2 774           | 16       | 1 485      | 7                 | 0               | 0        | 4 374     |
| 1997-98           | Kt      | 2 588           | 19       | 1 139      | 5                 | 2               | 0        | 3 823     |
| 1998-99           | Kt      | 3 228           | 8        | 1 712      | 10                | 0               | 2        | 5 097     |
| 1999-00           | Kt      | 2 882           | 8        | 2 031      | 2                 | 0               | 0        | 5 025     |
| 2000-01           | Kt      | 3 366           | 14       | 1 786      | 4                 | 0               | 0        | 5 286     |
| 2001-02           | Kt      | 3 146           | 14       | 1 772      | 0                 | 0               | 0        | 4 933     |
| 2002-03           | Kt      | 1 582           | 15       | 1 199      | 0                 | 0               | 0        | 2 868     |
| 2003-04           | Kt      | 1 766           | 10       | 1 806      | 1                 | 0               | 0        | 3 679     |
| 2004-05           | Kt      | 1 984           | 3        | 1 788      | 1                 | 0               | 0        | 3 887     |
| 2005-06           | Kt      | 2 775           | 12       | 1 646      | 10                | 0               | 0        | 4 542     |

**a** Includes lentils, lupins, chickpeas, faba beans, field peas, canola, linseed, safflower, wheat, barley, oats and triticale. **b** Includes sorghum, cottonseed, maize, sunflower, rice, soybean. Australia also includes peanuts, mung beans and navy beans.  
Sources: Australian Oilseeds Federation, Sydney; Pulse Australia, Sydney; ABS, Canberra; ABARE.

## 28 Summary of operations of mineral resource establishments <sup>a</sup>

|                            | Number of establishments at 30 June<br>no. | Employment at 30 June <sup>b</sup><br>no. | Wages and salaries <sup>c</sup><br>\$m | Turnover<br>\$m | Stocks         |                | Purchases, transfers in and selected expenses<br>\$m | Value added<br>\$m |
|----------------------------|--|---|--|-----------------|----------------|----------------|--|--------------------|
|                            |  |   |  |                 | Opening<br>\$m | Closing<br>\$m |  |                    |
| <b>Mining <sup>d</sup></b> |  |   |  |                 |                |                |  |                    |
| 1975-76                    | 1 271                                      | 67 609                                    | 783                                    | 4 257           | 346            | 479            | 1 340  | 3 050              |
| 1976-77                    | 1 277                                      | 67 888                                    | 928                                    | 5 062           | 473            | 548            | 1 589  | 3 548              |
| 1977-78                    | 1 352                                      | 66 312                                    | 1 018                                  | 5 777           | 579            | 639            | 1 962  | 3 875              |
| 1978-79                    | 1 368                                      | 66 563                                    | 1 096                                  | 6 561           | 643            | 654            | 2 166  | 4 407              |
| 1979-80                    | 1 448                                      | 73 805                                    | 1 286                                  | 8 042           | 651            | 795            | 2 702  | 5 484              |
| 1980-81                    | 1 514                                      | 80 033                                    | 1 594                                  | 9 329           | 806            | 1 064          | 3 364  | 6 224              |
| 1981-82                    | 1 490                                      | 79 745                                    | 1 882                                  | 10 199          | 1 075          | 1 350          | 3 776  | 6 698              |
| 1982-83                    | 1 542                                      | 77 755                                    | 2 063                                  | 11 901          | 1 333          | 1 710          | 4 169  | 8 109              |
| 1983-84                    | 1 630                                      | 77 926                                    | 2 129                                  | 13 524          | 1 699          | 1 700          | 4 700  | 8 825              |
| 1984-85                    | 1 649                                      | 78 063                                    | 2 307                                  | 16 291          | 1 786          | 1 716          | 5 611  | 10 610             |
| 1985-86                    | 1 528                                      | 78 945                                    | 2 573                                  | 19 618          | 1 656          | 1 818          | 6 824  | 12 956             |
| 1986-87                    | 1 451                                      | 78 233                                    | 2 772                                  | 19 257          | 1 829          | 2 285          | 6 798  | 12 914             |
| 1987-88                    | 1 475                                      | 76 753                                    | 2 883                                  | 20 912          | 2 246          | 2 166          | 7 226  | 13 606             |
| 1988-89                    | 375  | 64 746                                    | 2 690                                  | 20 830          | 2 052          | 2 017          | 6 640  | 14 155             |
| 1989-90                    | 1 313                                      | 78 373                                    | 3 504                                  | 26 573          | 2 205          | 2 581          | 8 789  | 18 160             |
| 1990-91                    | 527  | 65 776                                    | 3 550                                  | 28 899          | 2 435          | 2 606          | 8 907  | 20 164             |
| 1991-92                    | 499  | 61 348                                    | 3 567                                  | 28 371          | 2 496          | 2 580          | 9 313  | 19 143             |
| 1992-93                    | 1 095                                      | 66 462                                    | 3 820                                  | 31 507          | 2 903          | 2 870          | 10 381   | 21 093             |
| 1993-94                    | 516  | 56 465                                    | 3 627                                  | 29 018          | 2 614          | 2 517          | 9 989  | 18 933             |
| 1994-95                    | 499  | 55 014                                    | 3 594                                  | 28 882          | 2 508          | 2 517          | 10 219   | 18 654             |
| 1995-96                    | 511  | 56 529                                    | 3 882                                  | 31 014          | 2 761          | 2 501          | 11 392   | 19 882             |
| 1996-97                    | 503  | 59 708                                    | 4 077                                  | 34 234          | 2 786          | 3 354          | 12 380   | 22 422             |
| 1997-98                    | 528  | 58 978                                    | 4 157                                  | 37 558          | 3 353          | 3 318          | 13 540   | 23 770             |
| 1998-99                    | 527  | 55 236                                    | 3 910                                  | 37 524          | 3 471          | 3 296          | 13 230   | 24 120             |
| 1999-00                    | 529  | 52 681                                    | 4 169                                  | 42 632          | 3 897          | 4 146          | 12 705   | 24 412             |
| 2000-01                    | na   | 53 384                                    | 5 620                                  | 55 954          | 4 008          | 3 496          | na   | 32 674             |
| 2001-02                    | na   | 56 910                                    | 6 094                                  | 59 604          | 3 603          | 4 309          | na   | 35 364             |
| 2002-03                    | na   | 60 806                                    | 6 607                                  | 62 794          | 4 171          | 4 264          | na   | 37 021             |
| 2003-04                    | na   | 64 983                                    | 6 958                                  | 60 391          | 3 984          | 4 216          | na   | 34 481             |
| 2004-05                    | na   | 64 147                                    | 7 452                                  | 71 046          | 4 101          | 4 745          | na   | 39 945             |
| 2005-06                    | na   | 80 521                                    | na                                     | na              | na             | na             | na   | na                 |

<sup>a</sup> From 1992-93, the classification of census units is based on the 1993 edition of the Australian and New Zealand Standard Industrial Classification (ANZSIC). Before 1992-93, classification of census units was based on the Australian Standard Industrial Classification (ASIC); ANZSIC has replaced the following editions of ASIC: the 1983 edition (used since the 1982-83 census), the 1978 edition (used since the 1977-78 census) and the 1969 edition (used since the 1968-69 census). <sup>b</sup> Includes working proprietors. <sup>c</sup> Excludes amounts drawn by working proprietors. <sup>d</sup> Data for 1974-75 to 1987-88 and 1989-90 cover ASIC subdivisions 11-15; data for 1988-89, 1990-91 and 1991-92 cover ASIC subdivisions 11-14; data for 1992-93 cover ANZSIC subdivisions 11-14 (equivalent to ASIC subdivisions 11-15); and data for 1993-94 and 1994-95 cover ANZSIC subdivisions 11-13 (equivalent to ASIC subdivisions 11-14). Data from 1996-97 to 2000-01 based on ABS mining collection, equivalent to ANZSIC subdivisions 11-13. Data from 2001-02 based on ANZSIC subdivisions 11-15. **na** Not available.

Sources: ABS, *Manufacturing Industry, Australia*, cat. no. 8201.0, Canberra; ABS, *Manufacturing Establishments, Summary of Operations, Australia*, cat. no. 8202.0, Canberra; ABS, *Manufacturing Industry, Details of Operations, Australia*, cat. no. 8203.0, Canberra; ABS, *Mining Industry, Australia*, cat. no. 8401.0, Canberra; ABS, *The Australian Mining Industry*, cat. no. 8414.0, Canberra; ABS, *Mining Operations, Australia*, cat. nos. 8402.0 and 8415.0, Canberra.

## 29 Value of Australian mineral production, exploration expenditure and royalties paid

|         | Gross value of minerals produced ab |                    |                          |               |          | Exploration expenditure de | Mineral royalties f |
|---------|-------------------------------------|--------------------|--------------------------|---------------|----------|----------------------------|---------------------|
|         | Metallics                           | Coal and petroleum | Construction materials c | Non-metallics | Total    |                            |                     |
|         | \$m                                 | \$m                | \$m                      | \$m           | \$m      |                            |                     |
| 1968    | 468                                 | 250                | 97                       | 37            | 852      | na                         | 22                  |
| 1969    | 689                                 | 285                | 120                      | 48            | 1 142    | na                         | 28                  |
| 1970    | 815                                 | 439                | 137                      | 59            | 1 450    | na                         | 43                  |
| 1971    | 883                                 | 553                | 146                      | 66            | 1 648    | na                         | 61                  |
| 1972    | 931                                 | 689                | 162                      | 85            | 1 867    | na                         | 67                  |
| 1973    | 1 134                               | 822                | 173                      | 113           | 2 242    | na                         | 73                  |
| 1974    | 1 429                               | 959                | 207                      | 115           | 2 710    | na                         | 99                  |
| 1975    | 1 643                               | 1 583              | 248                      | 127           | 3 601    | 170                        | 155                 |
| 1976    | 1 858                               | 2 223              | 276                      | 179           | 4 536    | 156                        | 177                 |
| 1977    | 2 162                               | 2 647              | 269                      | 187           | 5 265    | 202                        | 209                 |
| 1978    | 2 088                               | 3 001              | 313                      | 216           | 5 618    | 262                        | 223                 |
| 1979    | 2 968                               | 4 793              | 365                      | 237           | 8 363    | 345                        | 263                 |
| 1980    | 3 540                               | 6 226              | 448                      | 273           | 10 487   | 581                        | 371                 |
| 1981    | 3 238                               | 8 022              | 532                      | 279           | 12 071   | 838                        | 402                 |
| 1982    | 3 820                               | 8 635              | 605                      | 288           | 13 348   | 1 380                      | 433                 |
| 1983    | 3 748                               | 9 819              | 590                      | 325 i         | 14 482   | 1 365                      | 554                 |
| 1984    | 4 389 g                             | 11 717             | 706 h                    | 327 i         | 17 457 j | 1 249                      | 586                 |
| 1985    | 5 479 j                             | 15 193             | 826 h                    | 361 l         | 22 108 j | 1 230                      | 735                 |
| 1986    | 5 963 j                             | 11 961             | 894 h                    | 596 m         | 19 720 j | 1 208                      | 942                 |
| 1987    | 7 146 g                             | 12 147 n           | 856 h                    | 637 o         | 21 207 j | 862                        | 800                 |
| 1988    | 8 310                               | 10 221             | 973 h                    | 777           | 20 281   | 1 295                      | 821                 |
| 1988-89 | 8 760 p                             | 10 440 p           | 1 018 h                  | 845 q         | 21 063 q | 1 336                      | 2 113               |
| 1989-90 | 11 110                              | 12 700             | 1 399 h                  | 924           | 26 133   | 1 190                      | 2 156               |
| 1990-91 | 10 910 p                            | 15 361 p           | na                       | na            | 26 293   | 1 184                      | 2 413               |
| 1991-92 | 10 957 p                            | 15 010 p           | na                       | na            | 25 985   | 1 078                      | 2 167               |
| 1992-93 | 10 920 p                            | 15 801 p           | 1 405 h                  | 1 065         | 26 721   | 1 244                      | 2 327               |
| 1993-94 | 10 861 p                            | 14 841 p           | na                       | na            | 25 702   | 1 299                      | 2 033               |
| 1994-95 | 11 715 p                            | 15 023 p           | na                       | na            | 26 723   | 1 576                      | 1 745               |
| 1995-96 | 12 793                              | 15 986             | na                       | na            | 28 779   | 1 685                      | 1 867               |
| 1996-97 | 13 617                              | 17 912             | na                       | na            | 31 558   | 2 001                      | 2 268               |
| 1997-98 | 14 696                              | 19 517             | na                       | na            | 34 213   | 2 048                      | 2 423               |
| 1998-99 | 15 228                              | 18 955             | na                       | na            | 34 182   | 1 706                      | 2 059               |
| 1999-00 | 14 234                              | 20 065             | na                       | na            | 34 299   | 1 399                      | 2 788               |
| 2000-01 | 18 748                              | 26 245             | 871                      | 1 488         | 52 270   | 1 727                      | 3 967               |
| 2001-02 | 19 531                              | 31 126             | 1 221                    | 2 685         | 54 562   | 1 523                      | 4 004               |
| 2002-03 | 19 352                              | 29 321             | 1 317                    | 2 979         | 52 969   | 1 728                      | 3 926               |
| 2003-04 | 20 425                              | 26 340             | 1 396                    | 2 450         | 50 611   | 1 731                      | 3 749               |
| 2004-05 | 25 678                              | 37 059             | 1 447                    | 2 657         | 66 841   | 2 073                      | 3 596               |
| 2005-06 | na                                  | na                 | na                       | na            | na       | 2 503                      | na                  |

a Before 1988-89, data compiled by the former Bureau of Mineral Resources on a calendar year basis; for 1988-89 and 1989-90, data compiled by ABARE on a fiscal year basis; from 1990-91 to 1999-2000, data compiled by ABS from annual Mining Census data; and from 2001-02 ABS now applies a market price to the metallic content of production to obtain a valuation. b From 1965 to 1989-90, data cover ASIC subdivisions 11-15; data for 1990-91 and 1991-92 cover ASIC subdivisions 11-14; data for 1992-93 cover ANZSIC subdivisions 11-14 (equivalent to ASIC subdivisions 11-15); and data for 1993-94 and 1994-95 cover ANZSIC subdivisions 11-13 (equivalent to ASIC subdivisions 11-14). Data from 1996-97 based on ABS mining collection, equivalent to ANZSIC subdivisions 11-13. c Coverage is inconsistent between years. d Year ended 30 June. e Private expenditure; includes energy exploration. f Defined as total natural resource royalty expenses. g Excludes bauxite for Western Australia. h Excludes Australian Capital Territory. i Excludes talc and limestone for Western Australia. j Includes confidential items not separately included in the listed categories. k Excludes bauxite for Western Australia and iron oxide, molybdenum and tin-copper concentrate for Tasmania. l Excludes limestone and salt for Queensland. m Excludes salt for Victoria and limestone and talc for Western Australia. n Excludes coal for Western Australia. o Excludes salt for Victoria and limestone, silica and talc for Western Australia. p Tasmanian coal production included in metallics. q Excludes salt and silica for Victoria and clay, dolomite, limestone, peat and silica for Tasmania. na Not available. Sources: ABS, *Mining Operations, Australia*, cat. nos. 8402.0 and 8415.0, Canberra; ABS, *Mineral Exploration, Australia*, cat. no. 8407.0, Canberra; ABS, *Actual and Expected Private Mineral Exploration, Australia*, cat. no. 8412.0, Canberra; ABS, *Australian Mining Industry*, cat. no. 8414.0, Canberra; Bureau of Mineral Resources, *Australian Mineral Industry Annual Review*, AGPS, Canberra; state mines departments and their equivalents; ABARE.



## 30 Australian private mineral exploration expenditure, by type of mineral sought

|         | Energy minerals  |                           |              | Metallic minerals |                            |                           |              |              |              |
|---------|------------------|---------------------------|--------------|-------------------|----------------------------|---------------------------|--------------|--------------|--------------|
|         | Petroleum<br>\$m | Other <sup>a</sup><br>\$m | Total<br>\$m | Gold<br>\$m       | Base                       |                           | Total<br>\$m | Other<br>\$m | Total<br>\$m |
|         |                  |                           |              |                   | metals <sup>b</sup><br>\$m | Other<br>metallics<br>\$m |              |              |              |
| 1970-71 | 79               | na                        | na           | na                | na                         | na                        | na           | na           | na           |
| 1971-72 | 104              | na                        | na           | na                | na                         | na                        | na           | na           | na           |
| 1972-73 | 93               | na                        | na           | na                | na                         | na                        | na           | na           | na           |
| 1973-74 | 90               | na                        | na           | na                | na                         | na                        | na           | na           | na           |
| 1974-75 | 60               | 14                        | 74           | na                | na                         | na                        | 90           | 6            | 170          |
| 1975-76 | 56               | 15                        | 71           | na                | na                         | na                        | 78           | 7            | 156          |
| 1976-77 | 68               | 30                        | 98           | na                | na                         | na                        | 95           | 9            | 202          |
| 1977-78 | 103              | 48                        | 151          | na                | na                         | na                        | 101          | 10           | 262          |
| 1978-79 | 163              | 56                        | 219          | na                | na                         | na                        | 105          | 21           | 345          |
| 1979-80 | 295              | 85                        | 380          | 30                | 92                         | 41                        | 163          | 38           | 581          |
| 1980-81 | 368              | 123                       | 491          | 69                | 153                        | 69                        | 291          | 56           | 838          |
| 1981-82 | 804              | 165                       | 969          | 95                | 167                        | 79                        | 341          | 70           | 1 380        |
| 1982-83 | 927              | 98                        | 1 025        | 96                | 130                        | 55                        | 281          | 59           | 1 365        |
| 1983-84 | 824              | 60                        | 884          | 152               | 138                        | 40                        | 330          | 35           | 1 249        |
| 1984-85 | 793              | 48                        | 841          | 177               | 135                        | 40                        | 352          | 37           | 1 230        |
| 1985-86 | 766              | 82                        | 848          | 215               | 79                         | 32                        | 326          | 34           | 1 208        |
| 1986-87 | 305              | 59                        | 364          | 357               | 77                         | 22                        | 456          | 42           | 862          |
| 1987-88 | 495              | 48                        | 543          | 581               | 84                         | 40                        | 705          | 47           | 1 295        |
| 1988-89 | 639              | 57                        | 696          | 449               | 100                        | 36                        | 584          | 56           | 1 336        |
| 1989-90 | 583              | 52                        | 635          | 341               | 118                        | 39                        | 498          | 57           | 1 190        |
| 1990-91 | 583              | 36                        | 618          | 301               | 172                        | 45                        | 518          | 48           | 1 184        |
| 1991-92 | 474              | 40                        | 514          | 305               | 145                        | 66                        | 515          | 48           | 1 078        |
| 1992-93 | 612              | 33                        | 645          | 320               | 183                        | 45                        | 548          | 50           | 1 244        |
| 1993-94 | 507              | 35                        | 542          | 454               | 192                        | 43                        | 688          | 69           | 1 299        |
| 1994-95 | 682              | 46                        | 728          | 555               | 201                        | 37                        | 792          | 55           | 1 576        |
| 1995-96 | 725              | 60                        | 785          | 547               | 252                        | 40                        | 839          | 61           | 1 685        |
| 1996-97 | 853              | 84                        | 936          | 728               | 207                        | 59                        | 994          | 71           | 2 001        |
| 1997-98 | 981              | 87                        | 1 068        | 648               | 227                        | 55                        | 930          | 50           | 2 048        |
| 1998-99 | 868              | 55                        | 923          | 486               | 177                        | 70                        | 733          | 49           | 1 706        |
| 1999-00 | 723              | 47                        | 770          | 375               | 157                        | 64                        | 596          | 33           | 1 399        |
| 2000-01 | 1 044            | 50                        | 1 093        | 370               | 165                        | 69                        | 604          | 30           | 1 727        |
| 2001-02 | 883              | 59                        | 942          | 331               | 133                        | 87                        | 551          | 30           | 1 523        |
| 2002-03 | 995              | 85                        | 1 080        | 378               | 142                        | na                        | na           | na           | 1 728        |
| 2003-04 | 944              | 92                        | 1 036        | 397               | 152                        | na                        | na           | na           | 1 731        |
| 2004-05 | 1 045            | 148                       | 1 192        | 392               | 261                        | na                        | na           | na           | 2 073        |
| 2005-06 | 1 262            | 223                       | 1 484        | 400               | 357                        | na                        | na           | na           | 2 503        |

<sup>a</sup> Coal and uranium. <sup>b</sup> Includes copper, lead, zinc, silver, nickel and cobalt. **na** Not available.

Sources: ABS, *Mineral Exploration, Australia*, cat. no. 8407.0, Canberra; ABS, *Actual and Expected Private Mineral Exploration, Australia*, cat. no. 8412.0, Canberra.

## 31 Private new capital expenditure

|                      | Mining <sup>a</sup> | Manufacturing | Other<br>selected<br>industries | All industries |
|----------------------|---------------------|---------------|---------------------------------|----------------|
|                      | \$m                 | \$m           | \$m                             | \$m            |
| 1965-66              | 217                 | na            | na                              | 1 713          |
| 1966-67              | 243                 | na            | na                              | 1 661          |
| 1967-68              | 325                 | na            | na                              | 1 813          |
| 1968-69              | 435                 | na            | na                              | 2 027          |
| 1969-70              | 533                 | na            | na                              | 2 360          |
| 1970-71              | 781                 | na            | na                              | 2 940          |
| 1971-72              | 874                 | na            | na                              | 3 120          |
| 1972-73              | 455                 | na            | na                              | 2 660          |
| 1973-74 <sup>b</sup> | 541                 | na            | na                              | 3 776          |
| 1974-75              | 707                 | na            | na                              | 4 565          |
| 1975-76              | 654                 | na            | na                              | 5 316          |
| 1976-77              | 490                 | na            | na                              | 5 952          |
| 1977-78              | 804                 | na            | na                              | 7 091          |
| 1978-79              | 1 034               | na            | na                              | 8 699          |
| 1979-80 <sup>c</sup> | 1 117               | na            | na                              | 8 298          |
| 1980-81              | 1 910               | na            | na                              | 10 962         |
| 1981-82              | 2 868               | na            | na                              | 13 999         |
| 1982-83              | 3 488               | na            | na                              | 14 185         |
| 1983-84              | 2 386               | na            | na                              | 13 021         |
| 1984-85              | 2 100               | na            | na                              | 14 525         |
| 1985-86              | 2 799               | na            | na                              | 18 070         |
| 1986-87              | 3 639               | na            | na                              | 21 327         |
| 1987-88              | 3 986               | 7 088         | 15 493                          | 26 567         |
| 1988-89              | 3 976               | 7 524         | 18 788                          | 30 288         |
| 1989-90              | 4 055               | 8 439         | 18 756                          | 31 250         |
| 1990-91              | 4 567               | 7 663         | 17 358                          | 29 588         |
| 1991-92              | 4 217               | 7 325         | 13 592                          | 25 134         |
| 1992-93              | 5 482               | 7 537         | 14 218                          | 27 237         |
| 1993-94              | 5 586               | 8 350         | 16 053                          | 29 989         |
| 1994-95              | 6 351               | 10 351        | 18 859                          | 35 561         |
| 1995-96              | 7 525               | 10 457        | 22 489                          | 40 471         |
| 1996-97              | 8 781               | 10 198        | 24 858                          | 43 837         |
| 1997-98              | 11 029              | 10 996        | 24 185                          | 46 210         |
| 1998-99              | 8 795               | 9 609         | 27 011                          | 45 415         |
| 1999-00              | 5 468               | 10 142        | 28 815                          | 44 425         |
| 2000-01              | 5 491               | 9 144         | 27 986                          | 42 621         |
| 2001-02              | 7 250               | 9 181         | 27 949                          | 44 380         |
| 2002-03              | 8 766               | 11 385        | 30 664                          | 50 815         |
| 2003-04              | 9 282               | 11 423        | 30 542                          | 51 247         |
| 2004-05              | 10 253              | 12 681        | 34 620                          | 57 554         |
| 2005-06              | 18 069              | 15 447        | 38 597                          | 72 113         |

<sup>a</sup> Includes expenditure on petroleum and gas. <sup>b</sup> Break in continuity as a result of change in scope and the introduction of the integrated capital expenditure survey. <sup>c</sup> Break in continuity as a result of the changed definition in accounting for finance leases. **na** Not available. Sources: ABS, *Private New Capital Expenditure, Australia, Actual and Expected Expenditure, Preliminary*, cat. no. 5625.0, Canberra; ABS, *Private New Capital Expenditure, Australia*, cat. no. 5626.0, Canberra; ABARE.

## 32 Australian production of mineral commodities

|  | Unit    | 1999-00 | 2000-01 | 2001-02             | 2002-03             | 2003-04             | 2004-05             | 2005-06             |
|--|---------|---------|---------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Bauxite                                    | Mt      | 51      | 55      | 54                  | 54                  | 56                  | 58                  | 61                  |
| Coal                                       |         |         |         |                     |                     |                     |                     |                     |
| Black                                      |         |         |         |                     |                     |                     |                     |                     |
| Salable                                    | Mt      | 239     | 258     | 273                 | 275                 | 286                 | 305                 | 306                 |
| Raw  | Mt      | 299     | 321     | 345                 | 349                 | 360                 | 393                 | 398                 |
| Brown                                      | Mt      | 67      | 68      | 69                  | 69                  | 70                  | 71                  | 71                  |
| Copper in mine products <sup>s</sup>       | kt      | 793     | 875     | 882                 | 883                 | 811                 | 905                 | 920                 |
| Diamonds                                   | '000 ct | 29 672  | 22 475  | 30 676              | 32 006              | 24 310              | 32 471              | 25 354              |
| Gold in mine products <sup>s</sup>         | t       | 299     | 296     | 265                 | 278                 | 267                 | 266                 | 250                 |
| Iron ore and concentrate                   | Mt      | 160     | 175     | 185                 | 199                 | 223                 | 252                 | 264                 |
| Lead in mine products <sup>s</sup>         | kt      | 690     | 724     | 744                 | 695                 | 677                 | 682                 | 761                 |
| Manganese ore and concentrate <sup>s</sup> | kt      | 1 755   | 1 963   | 1 850               | 2 472               | 3 094               | 3 563               | 4 081               |
| Nickel in mine products <sup>s</sup>       | kt      | 143     | 195     | 193                 | 183                 | 185                 | 192                 | 183                 |
| Petroleum                                  |         |         |         |                     |                     |                     |                     |                     |
| Crude oil and condensate                   | ML      | 37 447  | 39 839  | 37 820 <sup>s</sup> | 35 142 <sup>s</sup> | 30 719 <sup>s</sup> | 27 311 <sup>s</sup> | 24 320 <sup>s</sup> |
| LPG (naturally occurring)                  | ML      | 4 832   | 4 558   | 4 647               | 4 681               | 4 639               | 4 628               | 4 722               |
| Natural gas and ethane                     | GL      | 33      | 34      | 36                  | 37                  | 37                  | 41                  | 42                  |
| Salt <sup>s</sup>                          | kt      | 9 610   | 9 492   | 9 233               | 10 438              | 10 618              | 12 254              | 11 763              |
| Silver in mine products <sup>s</sup>       | t       | 1 889   | 2 021   | 2 106               | 1 905               | 2 056               | 2 303               | 2 218               |
| Tin in mine products <sup>s</sup>          | t       | 9 820   | 10 016  | 8 173               | 6 328               | 1 512               | 2 055               | 1 805               |
| Titanium minerals                          |         |         |         |                     |                     |                     |                     |                     |
| Ilmenite                                   | kt      | 2 134   | 2 092   | 1 843               | 2 069               | 1 910               | 1 993               | 2 172               |
| Rutile                                     | kt      | 185     | 209     | 207                 | 208                 | 154                 | 174                 | 181                 |
| Synthetic rutile <sup>s</sup>              | kt      | 566     | 650     | 612                 | 673                 | 696                 | 751                 | 719                 |
| Titanium dioxide pigment <sup>s</sup>      | kt      | 172     | 181     | 186                 | 189                 | 196                 | 204                 | 208                 |
| Uranium                                    | t       | 8 217   | 9 549   | 7 823               | 9 172               | 9 569               | 10 964              | 9 974               |
| Zinc in mine products <sup>s</sup>         | kt      | 1 265   | 1 483   | 1 490               | 1 529               | 1 355               | 1 352               | 1 382               |
| Zircon concentrate                         | kt      | 372     | 377     | 389                 | 458                 | 448                 | 432                 | 440                 |

<sup>s</sup> ABARE estimate.

Sources: ABS; state mines departments and their equivalents; ABARE.

### 33 Gross value of Australian mineral production, by commodity <sup>a</sup>

|  | 1999-00  | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 |
|--|----------|---------|---------|---------|---------|---------|
|  | \$m      | \$m     | \$m     | \$m     | \$m     | \$m     |
| Coal                                       |          |         |         |         |         |         |
| Black                                      | 10 228   | 11 621  | 14 525  | 12 724  | 11 566  | 17 718  |
| Brown                                      | na       | 520     | 533     | 534     | 531     | 843     |
| Construction materials                     | na       | 871     | 1 237   | 1 338   | 1 413   | 1 467   |
| Copper ore and concentrate <sup>b</sup>    | 1 503    | 2 303   | 2 509   | 2 260   | 2 542   | 3 777   |
| Diamonds                                   | na       | 634     | 506     | 788     | 520     | 467     |
| Gemstones                                  |          |         |         |         |         |         |
| Opals                                      | na       | 98      | 85      | 71      | 60      | 65      |
| Sapphires                                  | na       | 12      | 6       | 3       | 1       | 1       |
| Gold bullion <sup>b</sup>                  | 3 851    | 1 189   | 4 679   | 5 046   | 4 731   | 4 635   |
| Iron ore and concentrate <sup>b</sup>      | 3 605    | 4 938   | 5 235   | 5 298   | 5 359   | 8 330   |
| Lead ore and concentrate <sup>b</sup>      | 469      | 849     | 623     | 502     | 654     | 830     |
| Manganese ore and concentrate <sup>b</sup> | na       | 210     | 267     | 275     | 282     | 478     |
| Nickel ore and concentrate <sup>b</sup>    | na       | 1 865   | 2 034   | 2 528   | 3 139   | 3 613   |
| Petroleum                                  |          |         |         |         |         |         |
| Crude oil and condensate                   | } 11 295 | 12 127  | 12 641  | 13 372  | 14 157  | 14 325  |
| LPG (naturally occurring)                  |          |         |         |         |         |         |
| Natural gas and ethane                     |          |         |         |         |         |         |
| Salt                                       | na       | 264     | 273     | 260     | 211     | 239     |
| Tin ore and concentrate <sup>b</sup>       | na       | 176     | 65      | 45      | 14      | 13      |
| Titanium minerals                          |          |         |         |         |         |         |
| Ilmenite <sup>c</sup>                      | 288      | 169     | 131     | 145     | 93      | 80      |
| Rutile                                     | 184      | 117     | 119     | 106     | 99      | 63      |
| Uranium                                    | 325      | 423     | 378     | 308     | 382     | 463     |
| Zinc ore and concentrate <sup>b</sup>      | 934      | 1 768   | 2 187   | 1 927   | 1 846   | 2 059   |
| Zircon concentrate                         | 284      | 202     | 226     | 329     | 256     | 297     |
| Total <sup>d</sup>                         | 34 299   | 52 270  | 54 562  | 52 969  | 50 611  | 66 841  |

<sup>a</sup> Gross value is ex mine. Data in this table are not on the same basis as data shown in the previous table. <sup>b</sup> From 2001-02 gross value is no longer valued ex mine. ABS now applies a market price to the metallic content of production to obtain a valuation. <sup>c</sup> Excludes value of ilmenite use for beneficiated ilmenite. <sup>d</sup> Includes components shown as not available. Data based on ABS mining collection (equivalent to ANZSIC subdivisions 11-13). <sup>s</sup> ABARE estimate. **na** Not available.

Sources: ABS, *Mineral Production, Australia*, cat. no. 8405.0, Canberra; ABS, *Australian Mining Industry*, cat. no. 8414.0, Canberra; ABS, *Mining Operations Australia*, cat. no. 8415.0, Canberra; state mines departments and their equivalents; ABARE.

# 34 Gross value of Australian mineral production, by state <sup>a</sup>

|         | New South<br>Wales | Victoria           | Queensland         | Western<br>Australia | South<br>Australia | Tasmania         | Northern<br>Territory | Australia           |
|---------|--------------------|--------------------|--------------------|----------------------|--------------------|------------------|-----------------------|---------------------|
|         | \$m                | \$m                | \$m                | \$m                  | \$m                | \$m              | \$m                   | \$m                 |
| 1962    | 160                | 40                 | 74                 | 46                   | 31                 | 18               | 5                     | 375                 |
| 1963    | 185                | 41                 | 84                 | 45                   | 34                 | 20               | 6                     | 416                 |
| 1964    | 233                | 45                 | 97                 | 45                   | 39                 | 25               | 7                     | 493                 |
| 1965    | 267                | 50                 | 98                 | 48                   | 39                 | 29               | 11                    | 542                 |
| 1966    | 262                | 53                 | 138                | 80                   | 42                 | 35               | 13                    | 624                 |
| 1967    | 274                | 57                 | 135                | 134                  | 40                 | 35               | 19                    | 697                 |
| 1968    | 298                | 59                 | 186                | 195                  | 42                 | 45               | 25                    | 852                 |
| 1969    | 351                | 64                 | 258                | 290                  | 80                 | 67               | 31                    | 1 142               |
| 1970    | 382                | 176                | 288                | 401                  | 91                 | 80               | 32                    | 1 450               |
| 1971    | 382                | 282                | 301                | 476                  | 88                 | 80               | 38                    | 1 648               |
| 1972    | 445                | 310                | 357                | 514                  | 104                | 88               | 48                    | 1 867               |
| 1973    | 475                | 413                | 470                | 602                  | 122                | 85               | 72                    | 2 242               |
| 1974    | 600                | 434                | 600                | 740                  | 109                | 120              | 105                   | 2 710               |
| 1975    | 839                | 618                | 832                | 976                  | 116                | 113              | 103                   | 3 601               |
| 1976    | 1 033              | 888                | 1 102              | 1 064                | 144                | 151              | 151                   | 4 536               |
| 1977    | 1 193              | 1 055              | 1 226              | 1 309                | 147                | 178              | 152                   | 5 265               |
| 1978    | 1 267              | 1 398              | 1 176              | 1 256                | 166                | 211              | 141                   | 5 618               |
| 1979    | 1 578              | 2 888              | 1 646              | 1 593                | 209                | 249              | 196                   | 8 363               |
| 1980    | 1 625              | 4 046              | 1 937              | 2 042                | 225                | 282              | 326                   | 10 487              |
| 1981    | 2 237              | 4 903              | 1 894              | 2 119                | 254                | 284              | 378                   | 12 071              |
| 1982    | 2 381              | 5 036              | 2 228              | 2 614                | 305                | 277              | 506                   | 13 348              |
| 1983    | 2 375              | 5 792              | 2 368              | 2 575                | 542                | 277              | 551                   | 14 482 <sup>b</sup> |
| 1984    | 2 707              | 6 652              | 2 892              | 3 170 <sup>c</sup>   | 782                | 237              | 697                   | 17 457 <sup>b</sup> |
| 1985    | 2 959              | 8 514              | 4 020 <sup>d</sup> | 4 310 <sup>c</sup>   | 1 165              | 269 <sup>e</sup> | 620                   | 22 108 <sup>b</sup> |
| 1986    | 3 151              | 5 131              | 4 185              | 5 096 <sup>c</sup>   | 1 016              | 336              | 805                   | 19 720 <sup>b</sup> |
| 1987    | 3 249              | 5 471              | 4 277              | 5 834                | 991                | 300              | 1 085                 | 21 207 <sup>b</sup> |
| 1988    | 3 392              | 3 979              | 4 164              | 6 296                | 1 049              | 356              | 1 047                 | 20 281              |
| 1988-89 | 3 705              | 3 715              | 4 689              | 6 259                | 1 131              | 382 <sup>f</sup> | 1 182                 | 21 063 <sup>g</sup> |
| 1989-90 | 4 524              | 4 019 <sup>h</sup> | 5 381              | 8 819                | 1 231              | 496              | 1 663                 | 26 133 <sup>h</sup> |
| 1990-91 | 3 751              | na <sup>i</sup>    | 4 961              | 9 761                | na <sup>i</sup>    | 355              | 1 866                 | 26 293              |
| 1991-92 | 3 721              | na <sup>i</sup>    | 4 981              | 9 994                | na <sup>i</sup>    | 361              | 1 493                 | 25 985              |
| 1992-93 | 3 817              | na <sup>i</sup>    | 5 519              | 10 286               | na <sup>i</sup>    | 310              | 1 350                 | 26 721              |
| 1993-94 | 3 863              | na <sup>i</sup>    | 5 134              | 10 231               | na <sup>i</sup>    | 327              | 1 028                 | 25 702              |
| 1994-95 | 3 867              | na <sup>i</sup>    | 5 283              | 11 835               | na <sup>i</sup>    | 327              | 1 074                 | 26 723              |
| 1995-96 | 4 027              | na <sup>i</sup>    | 5 922              | 12 847               | 1 117              | na               | na                    | 28 779              |
| 1996-97 | 4 688              | 3 265              | 6 425              | 14 231               | 1 029              | 387              | 1 306                 | 31 358              |
| 1997-98 | 5 019              | 3 379              | 7 318              | 15 672               | 1 124              | 356              | 1 345                 | 34 213              |
| 1998-99 | 5 291              | 2 471              | 8 217              | 15 438               | 1 053              | 446              | 1 266                 | 34 182              |
| 1999-00 | 4 979              | 3 532              | 7 984              | 14 758               | 1 206              | 550              | 1 290                 | 34 299              |
| 2000-01 | 7 031              | na                 | 10 910             | 26 272               | 2 130              | 504              | 1 374                 | 52 270              |
| 2001-02 | 7 869              | 4 193              | 13 675             | 23 742               | 1 722              | 577              | 2 784                 | 54 562              |
| 2002-03 | 6 797              | 4 006              | 12 388             | 25 089               | 1 683              | 536              | 2 470                 | 52 969              |
| 2003-04 | 6 700              | 3 933              | 11 740             | 23 889               | 1 756              | 630              | 1 962                 | 50 611              |
| 2004-05 | 9 188              | 4 626              | 16 849             | 30 288               | 2 404              | 701              | 2 783                 | 66 841              |

<sup>a</sup> Gross value is ex mine. Before 1988-89, data compiled by the former Bureau of Mineral Resources on a calendar year basis; for 1988-89 and 1989-90, data compiled by ABARE on a financial year basis; and from 1990-91, data compiled by ABS from annual Mining Census data. Data to 1989-90 cover ASIC subdivisions 11-15; data for 1990-91 and 1991-92 cover ASIC subdivisions 11-14; data for 1992-93 cover ANZSIC subdivisions 11-14 (equivalent to ASIC subdivisions 11-15); and data for 1993-94 and 1994-95 cover ANZSIC subdivisions 11-13 (equivalent to ASIC subdivisions 11-14). Data from 1996-97 based on ABS mining collection, (equivalent to ANZSIC subdivisions 11-13). From 2001-02 ABS now applies a market price to the metallic content of production to obtain a valuation. <sup>b</sup> Includes items excluded from state totals for confidentiality reasons. <sup>c</sup> Excludes bauxite, limestone and talc. <sup>d</sup> Excludes limestone and salt. <sup>e</sup> Excludes iron oxide, molybdenum, and tin-copper concentrate. <sup>f</sup> Excludes clay, dolomite, limestone, peat and silica. <sup>g</sup> Excludes salt and silica for Victoria and clay, dolomite, limestone, peat and silica for Tasmania. <sup>h</sup> Excludes salt and silica for Victoria. <sup>i</sup> ABS confidentiality provisions apply; data not available for publication. <sup>s</sup> ABARE estimate. <sup>na</sup> Not available. Sources: ABS, *Mineral Production, Australia*, cat. no. 8405.0, Canberra; ABS, *Australian Mining Industry*, cat. no. 8414.0, Canberra; ABS, *Mining Operations Australia*, cat. no. 8415.0, Canberra; Bureau of Mineral Resources, *Australian Mineral Industry Annual Review*, AGPS, Canberra; state mines departments and their equivalents; ABARE.

## 35 Australian smelter and refinery production of mineral commodities

|                         | Unit | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|-------------------------|------|---------|---------|---------|---------|---------|---------|---------|---------|
| Alumina                 | kt   | 14 207  | 15 037  | 16 098  | 16 417  | 16 413  | 16 690  | 17 161  | 17 826  |
| Aluminium               | kt   | 1 686   | 1 742   | 1 788   | 1 809   | 1 855   | 1 877   | 1 890   | 1 912   |
| Blister copper <b>a</b> | kt   | 234     | 387     | 419     | 456     | 469     | 389     | 434     | 404     |
| Copper                  | kt   | 306     | 477     | 517     | 561     | 537     | 458     | 479     | 461     |
| Gold                    |      |         |         |         |         |         |         |         |         |
| Australian origin       | t    | 287     | 313     | 296     | 271     | 251     | 246     | 227     | 209     |
| Overseas origin         | t    | 20      | 12      | 16      | 20      | 65      | 80      | 76      | 66      |
| Lead bullion <b>a</b>   | kt   | 157     | 165     | 153     | 201     | 181     | 143     | 153     | 141     |
| Lead <b>b</b>           | kt   | 199     | 233     | 215     | 275     | 267     | 247     | 234     | 234     |
| Nickel matte            | kt   | 79      | 98      | 100     | 95      | 101     | 110     | 115     | 99      |
| Nickel <b>c</b>         | kt   | 77      | 101     | 121     | 131     | 130     | 125     | 126     | 111     |
| Petroleum               |      |         |         |         |         |         |         |         |         |
| Automotive diesel oil   | ML   | 12 968  | 12 737  | 13 212  | 13 064  | 13 335  | 12 544  | 12 822  | 10 154  |
| Automotive gasoline     | ML   | 18 705  | 18 652  | 17 887  | 18 000  | 17 984  | 17 375  | 17 913  | 16 528  |
| Aviation turbine fuel   | ML   | 5 218   | 5 539   | 5 836   | 5 390   | 5 149   | 4 964   | 5 325   | 5 216   |
| Fuel oil                | ML   | 1 634   | 1 839   | 1 951   | 1 684   | 1 441   | 1 105   | 1 092   | 1 048   |
| Raw steel <b>d</b>      | kt   | 8 549   | 8 053   | 8 003   | 8 611   | 9 399   | 9 430   | 7 395   | 7 884   |
| Silver                  | t    | 410     | 543     | 532     | 616     | 672     | 619     | 722     | 655     |
| Tin                     | t    | 595     | 602     | 1 039   | 829     | 708     | 553     | 445     | 736     |
| Zinc                    | kt   | 323     | 405     | 534     | 572     | 570     | 502     | 464     | 446     |

**a** Metallic content. **b** Includes lead content of lead alloys from primary sources. **c** Includes nickel contained in metal and nickel oxide. **d** Includes recovery from scrap.  
Sources: DITR; ABARE.

# 36 Prices of mineral commodities

|         | Alumina<br>av. export<br>unit value<br>A\$/t | Aluminium<br>(high grade)<br>LME cash<br>US\$/t | Gold<br>London<br>AM fix<br>US\$/oz        | Iron ore <sup>a</sup><br>av. export<br>unit value<br>A\$/t | Thermal<br>coal<br>av. export<br>unit value<br>A\$/t | Metallurgical<br>coal<br>av. export<br>unit value<br>A\$/t | Crude oil <sup>b</sup><br>world trade<br>weighted<br>average<br>US\$/bbl | Uranium <sup>c</sup><br>Nuexco<br>exch. value<br>US\$/lb |
|---------|--|---|--|--|--|--|--|--|
| 1982-83 | 186.10                                       | 1 142.00  | 424.45                                     | 22.28  | 46.20  | 60.28  | 31.86  | 20.46  |
| 1983-84 | 180.47                                       | 1 482.00  | 391.75                                     | 19.44  | 42.33  | 55.88  | 28.65  | 20.67  |
| 1984-85 | 197.43                                       | 1 095.00  | 324.93                                     | 20.80  | 43.82  | 61.20  | 28.22  | 15.71  |
| 1985-86 | 186.11                                       | 1 074.00  | 333.37                                     | 23.46  | 47.58  | 65.04  | 22.27  | 16.71  |
| 1986-87 | 189.36                                       | 1 249.75  | 410.27                                     | 23.98  | 45.82  | 63.31  | 15.07  | 16.93  |
| 1987-88 | 238.85                                       | 2 241.50  | 455.37                                     | 20.04  | 39.11  | 52.45  | 16.26  | 16.37  |
| 1988-89 | 267.35                                       | 2 346.00  | 402.80                                     | 18.68  | 41.68  | 52.54  | 14.47  | 11.93  |
| 1989-90 | 329.04                                       | 1 638.25  | 382.79                                     | 22.19  | 48.93  | 60.69  | 16.56  | 9.36   |
| 1990-91 | 307.56                                       | 1 581.25  | 373.70                                     | 24.63  | 49.18  | 61.82  | 21.95  | 9.73   |
| 1991-92 | 241.73                                       | 1 232.00  | 351.93                                     | 26.74  | 48.48  | 61.55  | 17.76  | 8.08   |
| 1992-93 | 242.11                                       | 1 199.00  | 343.69                                     | 26.91  | 50.00  | 65.38  | 17.74  | 9.68   |
| 1993-94 | 224.36                                       | 1 204.50  | 378.93                                     | 24.28  | 47.84  | 61.97  | 14.45  | 9.74   |
| 1994-95 | 216.31                                       | 1 761.75  | 384.37                                     | 21.53  | 44.12  | 55.88  | 16.83  | 10.17  |
| 1995-96 | 247.36                                       | 1 662.78  | 389.89                                     | 22.70  | 49.29  | 61.30  | 17.44  | 13.73  |
| 1996-97 | 236.49                                       | 1 512.89  | 363.82                                     | 22.94  | 46.49  | 61.18  | 20.30  | 14.12  |
| 1997-98 | 274.06                                       | 1 510.08  | 306.07                                     | 26.66  | 48.25  | 68.30  | 15.03  | 11.29  |
| 1998-99 | 263.13                                       | 1 276.25  | 285.90                                     | 28.44  | 44.76  | 64.18  | 12.31  | 10.10  |
| 1999-00 | 297.80                                       | 1 515.25  | 281.60                                     | 25.29  | 39.43  | 53.54  | 24.05  | 9.42   |
| 2000-01 | 354.29                                       | 1 538.00  | 269.45                                     | 31.16  | 47.78  | 62.51  | 26.82  | 7.88   |
| 2001-02 | 314.25                                       | 1 359.76  | 289.08                                     | 33.05  | 57.51  | 75.95  | 21.59  | 9.59   |
| 2002-03 | 277.97                                       | 1 360.73  | 334.19                                     | 29.44  | 44.50  | 69.09  | 26.26  | 10.22  |
| 2003-04 | 278.60                                       | 1 568.40  | 389.28                                     | 27.09  | 40.98  | 58.26  | 29.33  | 14.90  |
| 2004-05 | 311.47                                       | 1 806.91  | 422.49                                     | 35.54  | 59.55  | 86.12  | 41.34  | 22.20  |
| 2005-06 | 362.90                                       | 2 243.62  | 526.95                                     | 53.62  | 65.03  | 141.14   | 57.25  | 36.79  |
|         | Copper<br>(high grade)<br>LME cash<br>US\$/t | Lead<br>LME cash<br>US\$/t                      | Zinc<br>(high grade)<br>LME cash<br>US\$/t | Silver <sup>d</sup><br>London fix<br>US\$/troy oz          | Nickel<br>LME cash<br>US\$/t                         | Ilmenite <sup>e</sup><br>av. export<br>unit value<br>A\$/t | Rutile <sup>f</sup><br>av. export<br>unit value<br>A\$/t                 | Zircon <sup>g</sup><br>av. export<br>unit value<br>A\$/t |
| 1982-83 | 1 049.00                                     | 280.00  | 767.00                                     | 1 047.58   | 4 421.50   | 28.00  | 255.00   | 117.00   |
| 1983-84 | 1 031.00                                     | 332.00  | 891.00                                     | 981.67   | 4 762.00   | 33.00  | 266.00   | 118.00   |
| 1984-85 | 1 379.00                                     | 337.00  | 864.00                                     | 673.92   | 5 040.25   | 31.28  | 352.66   | 122.58   |
| 1985-86 | 1 411.00                                     | 270.00  | 679.00                                     | 580.67   | 4 269.00   | 40.57  | 451.92   | 145.26   |
| 1986-87 | 1 393.00                                     | 322.00  | 810.00                                     | 604.42   | 3 843.75   | 53.33  | 553.82   | 194.60   |
| 1987-88 | 2 259.00                                     | 655.00  | 940.00                                     | 697.08   | 10 208.50  | 63.96  | 578.13   | 310.47   |
| 1988-89 | 2 845.00                                     | 642.00  | 1 582.00                                   | 609.92   | 14 730.50  | 70.27  | 616.99   | 535.68   |
| 1989-90 | 2 639.00                                     | 776.00  | 1 578.00                                   | 519.33   | 9 600.00   | 76.37  | 703.40   | 656.92   |
| 1990-91 | 2 641.00                                     | 682.00  | 1 308.00                                   | 428.00   | 9 081.00   | 82.38  | 775.61   | 515.75   |
| 1991-92 | 2 253.00                                     | 527.00  | 1 164.00                                   | 407.25   | 7 578.00   | 82.94  | 629.07   | 317.90   |
| 1992-93 | 2 193.80                                     | 487.00  | 1 114.00                                   | 387.69   | 6 252.43   | 79.72  | 545.46   | 193.28   |
| 1993-94 | 1 893.00                                     | 439.00  | 937.00                                     | 498.94   | 5 262.87   | 83.36  | 536.07   | 206.43   |
| 1994-95 | 2 765.59                                     | 613.00  | 1 045.00                                   | 516.48   | 7 447.13   | 86.16  | 568.94   | 295.34   |
| 1995-96 | 2 739.51                                     | 721.00  | 1 022.00                                   | 537.13   | 8 212.34   | 92.56  | 672.57   | 495.70   |
| 1996-97 | 2 264.68                                     | 707.00  | 1 124.00                                   | 492.74   | 7 223.57   | 99.42  | 733.81   | 601.80   |
| 1997-98 | 1 903.38                                     | 568.26  | 1 227.00                                   | 543.87   | 5 813.93   | 106.87   | 773.46   | 582.65   |
| 1998-99 | 1 514.50                                     | 513.47  | 998.18                                     | 516.15   | 4 506.75   | 116.97   | 789.31   | 513.74   |
| 1999-00 | 1 737.81                                     | 464.94  | 1 143.59                                   | 520.45   | 8 262.10   | 133.39   | 732.15   | 481.89   |
| 2000-01 | 1 786.51                                     | 476.14  | 1 049.66                                   | 466.71   | 7 239.79   | 152.06   | 849.08   | 607.62   |
| 2001-02 | 1 516.15                                     | 473.60  | 791.40                                     | 441.55   | 5 918.97   | 150.76   | 882.09   | 702.47   |
| 2002-03 | 1 595.11                                     | 445.04  | 774.77                                     | 461.00   | 7 673.15   | 132.51   | 767.87   | 633.61   |
| 2003-04 | 2 267.35                                     | 700.06  | 961.97                                     | 579.25   | 12 263.74  | 104.56   | 647.39   | 585.76   |
| 2004-05 | 3 149.79                                     | 964.08  | 1 170.95                                   | 694.94   | 14 971.10  | 99.29  | 717.20   | 746.27   |
| 2005-06 | 5 062.00                                     | 1 061.35  | 2 117.81                                   | 927.82   | 15 512.99  | 105.92   | 816.59   | 908.40   |

<sup>a</sup> Lump and fines. <sup>b</sup> US Department of Energy, *Energy Information Administration*. <sup>c</sup> Nuexco exchange value to 1997-98; Ux Consulting Industry spot price from 1998-99. <sup>d</sup> London fix rate from May 2001; Handy and Harman, commercial bar, minimum 99.9 per cent prior to May 2001. <sup>e</sup> All grades, bulk and bagged, before January 1992; bulk only thereafter. <sup>f</sup> All grades before August 1999; bagged only thereafter. <sup>g</sup> All grades, bulk and bagged, to 31 December 1991; standard grade only from 1 January 1992 to 30 June 1993; all grades to September 1999; bagged only thereafter.

Sources: ABS, *International Trade*, Australia, cat. no. 5465.0, Canberra; London Metal Exchange; London Bullion Market Association; US Energy Information Administration; The UX Consulting Company; ABARE.

## 37 Exports and imports of Australian mineral resources

|         | Exports <sup>a</sup>      |                     |  |       |              |        |        | Imports <sup>c</sup> |
|---------|---------------------------|---------------------|--|-------|--------------|--------|--------|----------------------|
|         | Coal, coke and briquettes | Other mineral fuels | Metalliferous ores and other minerals <sup>b</sup> | Gold  | Other metals | Total  |        |                      |
|         | \$m                       | \$m                 | \$m  | \$m   | \$m          | \$m    | \$m    |                      |
| 1970-71 | 206                       | 41                  | 789  | 20    | 374          | 1 430  | 208    |                      |
| 1971-72 | 240                       | 60                  | 810  | 20    | 415          | 1 545  | 187    |                      |
| 1972-73 | 294                       | 46                  | 931  | 25    | 513          | 1 809  | 223    |                      |
| 1973-74 | 352                       | 105                 | 1 116  | 35    | 638          | 2 246  | 590    |                      |
| 1974-75 | 733                       | 162                 | 1 595  | 46    | 884          | 3 420  | 661    |                      |
| 1975-76 | 1 066                     | 161                 | 1 831  | 50    | 761          | 3 869  | 723    |                      |
| 1976-77 | 1 292                     | 206                 | 2 243  | 34    | 1 038        | 4 813  | 922    |                      |
| 1977-78 | 1 489                     | 234                 | 2 400  | 48    | 1 040        | 5 211  | 1 021  |                      |
| 1978-79 | 1 531                     | 316                 | 2 616  | 80    | 1 385        | 5 928  | 1 305  |                      |
| 1979-80 | 1 686                     | 427                 | 3 306  | 113   | 1 868        | 7 400  | 2 157  |                      |
| 1980-81 | 1 981                     | 517                 | 3 409  | 56    | 1 517        | 7 480  | 2 372  |                      |
| 1981-82 | 2 367                     | 903                 | 3 456  | 94    | 1 469        | 8 289  | 3 144  |                      |
| 1982-83 | 3 049                     | 1 099               | 3 852  | 290   | 1 768        | 10 058 | 2 121  |                      |
| 1983-84 | 3 477                     | 1 502               | 4 229  | 400   | 1 916        | 11 524 | 2 066  |                      |
| 1984-85 | 4 591                     | 2 294               | 4 974  | 601   | 2 492        | 14 952 | 2 029  |                      |
| 1985-86 | 5 204                     | 2 214               | 5 309  | 1 137 | 2 421        | 16 285 | 1 537  |                      |
| 1986-87 | 5 361                     | 1 564               | 5 494  | 2 047 | 2 933        | 17 399 | 1 910  |                      |
| 1987-88 | 4 866                     | 1 786               | 6 358  | 3 107 | 3 863        | 19 980 | 2 772  |                      |
| 1988-89 | 4 805                     | 1 258               | 7 187  | 3 021 | 4 924        | 21 195 | 3 666  |                      |
| 1989-90 | 5 932                     | 2 068               | 8 348  | 3 764 | 4 820        | 24 932 | 4 319  |                      |
| 1990-91 | 6 480                     | 3 595               | 8 932  | 4 136 | 4 887        | 28 030 | 4 969  |                      |
| 1991-92 | 6 949                     | 3 402               | 8 477  | 4 605 | 4 871        | 28 304 | 4 910  |                      |
| 1992-93 | 7 620                     | 3 913               | 8 312  | 4 580 | 5 334        | 29 759 | 6 237  |                      |
| 1993-94 | 7 253                     | 3 351               | 8 233  | 5 521 | 5 519        | 29 878 | 5 791  |                      |
| 1994-95 | 6 936                     | 3 794               | 8 448  | 4 907 | 6 286        | 30 371 | 6 140  |                      |
| 1995-96 | 7 843                     | 4 165               | 9 614  | 5 850 | 6 978        | 34 450 | 6 701  |                      |
| 1996-97 | 8 005                     | 5 154               | 9 803  | 6 878 | 6 212        | 36 052 | 7 359  |                      |
| 1997-98 | 9 586                     | 5 309               | 11 373   | 7 226 | 7 431        | 40 925 | 8 564  |                      |
| 1998-99 | 9 288                     | 4 461               | 11 635   | 6 720 | 7 117        | 39 221 | 8 966  |                      |
| 1999-00 | 8 336                     | 9 082               | 12 361   | 6 599 | 9 121        | 45 498 | 12 060 |                      |
| 2000-01 | 10 844                    | 13 464              | 15 839   | 6 222 | 11 638       | 58 006 | 14 245 |                      |
| 2001-02 | 13 430                    | 10 940              | 15 286   | 6 646 | 10 991       | 57 293 | 13 548 |                      |
| 2002-03 | 11 987                    | 11 049              | 15 312   | 7 648 | 10 941       | 56 937 | 16 082 |                      |
| 2003-04 | 11 001                    | 8 766               | 15 419   | 7 031 | 11 322       | 53 539 | 15 386 |                      |
| 2004-05 | 17 236                    | 11 151              | 20 504   | 6 472 | 13 094       | 68 457 | 20 872 |                      |
| 2005-06 | 24 414                    | 13 148              | 29 130   | 9 116 | 14 725       | 90 533 | 29 943 |                      |

<sup>a</sup> Balance of payments basis. <sup>b</sup> Includes ABARE estimates for bauxite, manganese and other ABS confidential minerals from 1984-85 until 1989-90. From 1990-91, ABS data include actual details for these items. ABARE estimates for items not classified as mineral resources by ABS are included for all years since 1984-85. <sup>c</sup> Pre 1987-88 reported on a calendar year basis. (example, 1987-88 = 1988). Post 1987-88 reported on a fiscal year basis.

Sources: ABS, *Balance of Payments, Australia*, cat. nos 5302.0 and 5303.0, Canberra; Bureau of Mineral Resources, *Australian Mineral Industry Annual Review*, AGPS, Canberra; ABARE.



## 38 Volume of Australian exports of mineral commodities

|  | Unit    | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Alumina  | kt      | 11 059  | 11 654  | 12 721  | 13 091  | 13 168  | 13 572  | 14 073  | 14 499  |
| Aluminium (ingot metal)                        | kt      | 1 365   | 1 364   | 1 471   | 1 490   | 1 551   | 1 546   | 1 512   | 1 615   |
| Coal, black                                    |         |         |         |         |         |         |         |         |         |
| Metallurgical                                  | Mt      | 85      | 97      | 106     | 106     | 108     | 112     | 125     | 120     |
| Thermal  | Mt      | 84      | 79      | 88      | 92      | 100     | 107     | 106     | 111     |
| Copper <b>s</b>                                | kt      | 529     | 582     | 694     | 749     | 687     | 652     | 701     | 791     |
| Diamonds <b>s</b>                              | '000 ct | 51 244  | 51 095  | 25 513  | 25 811  | 32 274  | 24 326  | 32 515  | 27 751  |
| Gold, refined                                  | t       | 421     | 330     | 302     | 280     | 282     | 315     | 309     | 315     |
| Iron and steel                                 |         |         |         |         |         |         |         |         |         |
| Iron ore and pellets                           | Mt      | 135     | 149     | 157     | 156     | 181     | 195     | 228     | 239     |
| Iron and steel                                 | kt      | 3 332   | 2 941   | 2 931   | 3 297   | 3 589   | 3 818   | 2 338   | 2 428   |
| Ferroalloys                                    | kt      | 153     | 48      | 40      | 45      | 9       | 8       | 0       | 2       |
| Lead <b>s</b>                                  | kt      | 620     | 727     | 672     | 731     | 735     | 688     | 782     | 756     |
| Magnesia                                       | t       | 122 777 | 174 854 | 161 236 | 151 760 | 143 372 | 154 620 | 162 763 | 157 342 |
| Manganese ore and concentrate <b>s</b>         | kt      | 1 125   | 1 301   | 1 522   | 1 660   | 2 014   | 2 603   | 3 128   | 3 215   |
| Petroleum                                      |         |         |         |         |         |         |         |         |         |
| Crude oil and other refinery feedstock         | ML      | 14 291  | 20 877  | 24 044  | 23 936  | 20 950  | 17 526  | 15 731  | 13 078  |
| LNG <b>s</b>                                   | Mt      | 8       | 8       | 8       | 8       | 8       | 8       | 11      | 12      |
| LPG  | ML      | 2 486   | 2 857   | 2 785   | 3 211   | 3 194   | 2 916   | 2 844   | 2 800   |
| Refinery products                              | ML      | 4 236   | 4 116   | 4 564   | 3 409   | 3 140   | 2 474   | 1 847   | 2 082   |
| Salt   | kt      | 8 710   | 8 389   | 8 636   | 8 912   | 10 172  | 10 285  | 12 128  | 10 776  |
| Silver, refined bullion                        | t       | 399     | 447     | 450     | 547     | 511     | 415     | 517     | 482     |
| Tin <b>s</b>                                   | t       | 10 002  | 9 934   | 9 660   | 8 026   | 5 963   | 143     | 1 529   | 1 556   |
| Titanium minerals                              |         |         |         |         |         |         |         |         |         |
| Ilmenite concentrate <b>a</b>                  | kt      | 1 216   | 1 133   | 1 012   | 914     | 1 020   | 783     | 633     | 722     |
| Leucoxene                                      | kt      | 18      | 41      | 70      | 60      | 41      | 125     | 93      | 86      |
| Rutile concentrate                             | kt      | 188     | 179     | 190     | 190     | 195     | 146     | 158     | 169     |
| Synthetic rutile <b>s</b>                      | kt      | 381     | 369     | 443     | 398     | 456     | 470     | 520     | 481     |
| Titanium dioxide pigment                       | kt      | 133     | 135     | 140     | 145     | 147     | 165     | 175     | 177     |
| Uranium oxide (U <sub>3</sub> O <sub>8</sub> ) | t       | 5 989   | 8 025   | 9 722   | 7 367   | 9 593   | 9 099   | 11 249  | 10 253  |
| Zinc <b>s</b>                                  | kt      | 1 126   | 1 120   | 1 456   | 1 488   | 1 548   | 1 369   | 1 427   | 1 337   |
| Zircon concentrate <b>b</b>                    | kt      | 364     | 374     | 375     | 388     | 445     | 443     | 428     | 435     |

**a** Bulk only. **b** All grades. **s** ABARE estimate.

Sources: ABARE, *Australian Mineral Statistics*, Canberra; ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

## 39 Value of Australian exports of mineral commodities

|  | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
|  | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     |
| Bauxite <b>s</b>                               | 135     | 185     | 196     | 136     | 159     | 125     | 123     | 127     |
| Alumina <b>a</b>                               | 2 910   | 3 471   | 4 507   | 4 114   | 3 660   | 3 781   | 4 383   | 5 262   |
| Aluminium (ingot metal)                        | 2 840   | 3 302   | 4 229   | 3 965   | 3 696   | 3 441   | 3 726   | 4 781   |
| Coal, black                                    |         |         |         |         |         |         |         |         |
| Metallurgical                                  | 5 472   | 5 184   | 6 597   | 8 038   | 7 448   | 6 510   | 10 758  | 17 003  |
| Thermal  | 3 767   | 3 114   | 4 204   | 5 294   | 4 448   | 4 372   | 6 336   | 7 206   |
| Copper <b>b</b>                                | 1 366   | 1 616   | 2 286   | 2 159   | 2 005   | 2 166   | 3 082   | 5 681   |
| Diamonds <b>cs</b>                             | 598     | 601     | 634     | 512     | 789     | 531     | 650     | 626     |
| Gems, other than diamonds                      | 79      | 83      | 99      | 82      | 74      | 64      | 61      | 59      |
| Gold, refined                                  | 6 317   | 4 803   | 4 887   | 4 950   | 5 133   | 5 510   | 5 523   | 7 117   |
| Iron and steel                                 |         |         |         |         |         |         |         |         |
| Iron ore and pellets                           | 3 844   | 3 779   | 4 903   | 5 160   | 5 342   | 5 277   | 8 120   | 12 832  |
| Iron and steel                                 | 1 311   | 1 265   | 1 484   | 1 484   | 1 855   | 2 004   | 2 031   | 1 674   |
| Lead <b>b</b>                                  | 537     | 607     | 637     | 729     | 657     | 728     | 1 041   | 1 295   |
| Magnesia                                       | 46      | 45      | 53      | 56      | 52      | 51      | 54      | 75      |
| Manganese ore and concentrate <b>s</b>         | 165     | 185     | 261     | 299     | 312     | 371     | 473     | 424     |
| Nickel <b>s</b>                                | 845     | 1 862   | 2 308   | 2 032   | 2 320   | 3 090   | 3 685   | 3 499   |
| Petroleum                                      |         |         |         |         |         |         |         |         |
| Crude oil and other refinery feedstock         | 1 881   | 5 292   | 8 137   | 6 390   | 6 402   | 5 055   | 6 330   | 6 667   |
| LNG  | 1 425   | 1 949   | 2 671   | 2 613   | 2 607   | 2 174   | 3 199   | 4 416   |
| LPG  | 297     | 648     | 830     | 721     | 855     | 647     | 804     | 1 002   |
| Refinery products                              | 866     | 1 202   | 1 844   | 1 234   | 1 198   | 918     | 844     | 1 195   |
| Salt   | 222     | 221     | 253     | 267     | 233     | 186     | 226     | 229     |
| Silver <b>d</b>                                | 112     | 129     | 142     | 163     | 136     | 118     | 161     | 197     |
| Tin <b>b</b>                                   | 73      | 70      | 76      | 49      | 38      | 1       | 8       | 12      |
| Titanium minerals                              |         |         |         |         |         |         |         |         |
| Ilmenite concentrate <b>e</b>                  | 142     | 151     | 154     | 138     | 135     | 82      | 63      | 76      |
| Leucoxene concentrate                          | 9       | 16      | 21      | 23      | 16      | 33      | 25      | 25      |
| Rutile concentrate                             | 148     | 131     | 161     | 167     | 149     | 94      | 114     | 138     |
| Synthetic rutile <b>s</b>                      | 251     | 226     | 313     | 296     | 293     | 253     | 308     | 326     |
| Titanium dioxide pigment                       | 387     | 404     | 494     | 460     | 428     | 399     | 422     | 441     |
| Uranium oxide (U <sub>3</sub> O <sub>8</sub> ) | 288     | 367     | 497     | 361     | 427     | 364     | 475     | 546     |
| Zinc <b>b</b>                                  | 1 133   | 1 233   | 1 882   | 1 529   | 1 427   | 1 234   | 1 466   | 2 542   |
| Zircon concentrate <b>f</b>                    | 187     | 180     | 228     | 272     | 282     | 260     | 319     | 395     |
| Other mineral resources                        | 1 520   | 3 173   | 3 050   | 3 655   | 4 410   | 3 749   | 3 699   | 4 736   |
| Total mineral resources <b>g</b>               | 39 221  | 45 498  | 58 006  | 57 293  | 56 937  | 53 539  | 68 457  | 90 533  |

**a** Includes aluminium hydroxide. **b** Value of all ores, concentrates, intermediate products (where applicable) and refined metal. **c** Unsorted and sorted. **d** Includes refined bullion, powder, unwrought silver and semimanufactured forms. **e** Bulk ilmenite. **f** All grades. **g** Total mineral resources exports on an ABARE balance of payments basis. **s** ABARE estimate.

Sources: ABARE, *Australian Mineral Statistics*, Canberra; ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

## 40 Value of Australian exports of minerals, by destination <sup>a</sup>

|                      | 1990-91 | 1991-92 | 1992-93 | 1993-94 | 1994-95 | 1995-96 | 1996-97 | 1997-98 |
|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
|                      | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     |
| Africa               | 96      | 112     | 117     | 113     | 113     | 119     | 164     | 231     |
| Americas             |         |         |         |         |         |         |         |         |
| United States        | 1 016   | 647     | 661     | 569     | 641     | 485     | 742     | 1 931   |
| Other                | 213     | 299     | 407     | 408     | 364     | 388     | 404     | 544     |
| Asia                 |         |         |         |         |         |         |         |         |
| China                | 290     | 525     | 775     | 575     | 739     | 1 045   | 1 213   | 1 497   |
| Chinese Taipei       | 1 177   | 1 466   | 1 539   | 1 494   | 1 617   | 1 897   | 1 953   | 2 566   |
| Hong Kong, China     | 759     | 1 038   | 1 191   | 1 200   | 801     | 844     | 1 021   | 1 668   |
| India                | 182     | 353     | 469     | 569     | 669     | 816     | 785     | 921     |
| Japan                | 9 171   | 9 202   | 9 436   | 9 307   | 9 355   | 9 176   | 9 077   | 10 545  |
| Korea, Rep. of       | 1 898   | 2 063   | 2 545   | 2 952   | 3 306   | 4 708   | 5 241   | 4 520   |
| Singapore            | 1 909   | 1 875   | 2 549   | 1 875   | 2 161   | 1 815   | 1 595   | 1 918   |
| Other                | 1 382   | 1 979   | 1 945   | 2 130   | 2 438   | 2 627   | 2 610   | 2 106   |
| Europe               |         |         |         |         |         |         |         |         |
| France               | 296     | 381     | 294     | 263     | 262     | 260     | 265     | 294     |
| Germany              | 430     | 384     | 328     | 336     | 370     | 398     | 406     | 478     |
| Netherlands          | 552     | 442     | 441     | 354     | 368     | 178     | 156     | 279     |
| United Kingdom       | 825     | 714     | 783     | 1 243   | 498     | 791     | 581     | 1 097   |
| Other European Union | 599     | 761     | 805     | 741     | 803     | 894     | 908     | 1 173   |
| Other Europe         | 825     | 328     | 268     | 225     | 209     | 478     | 237     | 1 000   |
| Oceania              |         |         |         |         |         |         |         |         |
| New Zealand          | 275     | 350     | 445     | 492     | 520     | 700     | 818     | 739     |
| Other                | 350     | 384     | 406     | 382     | 398     | 495     | 549     | 511     |
| Other                | 5 225   | 4 316   | 4 001   | 4 160   | 4 205   | 5 615   | 4 868   | 5 448   |
| Total                | 27 470  | 27 618  | 29 406  | 29 389  | 29 838  | 33 728  | 33 594  | 39 465  |
|                      | 1998-99 | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|                      | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     |
| Africa               | 180     | 153     | 263     | 364     | 415     | 440     | 409     | 632     |
| Americas             |         |         |         |         |         |         |         |         |
| United States        | 1 227   | 1 798   | 2 109   | 1 585   | 1 435   | 1 141   | 1 167   | 1 019   |
| Other                | 582     | 564     | 676     | 827     | 900     | 592     | 660     | 568     |
| Asia                 |         |         |         |         |         |         |         |         |
| China                | 1 626   | 2 036   | 2 768   | 2 990   | 3 567   | 4 550   | 6 789   | 10 962  |
| Chinese Taipei       | 2 599   | 2 956   | 4 039   | 3 159   | 2 653   | 2 162   | 3 165   | 4 063   |
| Hong Kong, China     | 1 088   | 996     | 1 256   | 1 365   | 980     | 746     | 768     | 908     |
| India                | 1 195   | 949     | 1 304   | 1 732   | 1 976   | 4 091   | 5 173   | 6 478   |
| Japan                | 10 008  | 11 337  | 15 034  | 14 855  | 14 355  | 12 533  | 16 963  | 23 537  |
| Korea, Rep. of       | 4 420   | 4 647   | 5 958   | 6 162   | 5 743   | 5 175   | 6 211   | 8 282   |
| Singapore            | 1 693   | 3 259   | 4 060   | 2 802   | 2 790   | 1 540   | 1 629   | 2 422   |
| Other                | 1 821   | 2 287   | 2 786   | 2 807   | 2 637   | 3 082   | 5 064   | 5 811   |
| Europe               |         |         |         |         |         |         |         |         |
| France               | 380     | 309     | 443     | 521     | 427     | 348     | 479     | 683     |
| Germany              | 416     | 383     | 421     | 381     | 325     | 297     | 334     | 492     |
| Netherlands          | 347     | 463     | 795     | 766     | 644     | 626     | 913     | 1 555   |
| United Kingdom       | 2 456   | 1 537   | 1 469   | 2 009   | 2 852   | 1 857   | 1 780   | 3 543   |
| Other European Union | 1 306   | 1 172   | 1 452   | 1 743   | 1 402   | 1 365   | 1 714   | 2 696   |
| Other Europe         | 332     | 185     | 155     | 91      | 186     | 124     | 179     | 206     |
| Oceania              |         |         |         |         |         |         |         |         |
| New Zealand          | 719     | 858     | 989     | 1 207   | 1 102   | 941     | 1 528   | 1 154   |
| Other                | 407     | 550     | 860     | 525     | 516     | 369     | 469     | 740     |
| Other                | 5 560   | 6 817   | 8 203   | 8 261   | 7 220   | 8 270   | 9 479   | 11 129  |
| Total                | 38 360  | 43 253  | 55 040  | 54 151  | 52 125  | 48 456  | 62 941  | 85 164  |

<sup>a</sup> Not on a balance of payments basis; totals differ from earlier tables.

Sources: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra; ABARE.

## 41 Volume of Australian imports of mineral commodities

|  | Unit   | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|--|--------|---------|---------|---------|---------|---------|---------|---------|
| Clays                                  | kt     | 45      | 66      | 57      | 50      | 61      | 47      | 68      |
| Diamonds <b>a</b>                      | 000 ct | 2 528   | 2 598   | 2 431   | 3 218   | 2 229   | 2 168   | 4 098   |
| Iron and steel                         |        |         |         |         |         |         |         |         |
| Iron ore and pellets <b>b</b>          | kt     | 4 460   | 4 658   | 3 880   | 4 667   | 5 417   | 4 648   | 5 026   |
| Iron and steel                         | kt     | 1 128   | 896     | 1 354   | 1 306   | 1 583   | 2 116   | 2 191   |
| Ferroalloys                            | kt     | 47      | 46      | 46      | 51      | 57      | 60      | 57      |
| Limestone                              | kt     | 705     | 665     | 595     | 582     | 547     | 473     | 430     |
| Magnesium                              | kt     | 7       | 6       | 6       | 6       | 9       | 7       | 8       |
| Petroleum                              |        |         |         |         |         |         |         |         |
| Crude oil and other refinery feedstock | ML     | 26 936  | 26 489  | 27 308  | 27 958  | 23 498  | 26 054  | 24 429  |
| LPG                                    | ML     | 519     | 633     | 588     | 299     | 785     | 540     | 598     |
| Automotive gasoline                    | ML     | 1 065   | 1 189   | 1 436   | 1 673   | 3 242   | 3 131   | 3 697   |
| Diesel fuel <b>c</b>                   | ML     | 1 400   | 1 129   | 1 280   | 1 627   | 3 374   | 3 944   | 6 122   |
| Other refinery products <b>s</b>       | ML     | 648     | 902     | 2 327   | 5 194   | 9 762   | 10 648  | 14 534  |
| Phosphate rock                         | kt     | 756     | 823     | 933     | 711     | 723     | 797     | 655     |
| Platinum and platinum group metals     | kg     | 3 199   | 2 158   | 1 652   | 2 319   | 2 984   | 2 391   | 2 097   |
| Potassium fertiliser                   | kt     | 353     | 346     | 417     | 433     | 447     | 497     | 404     |
| Sulphur                                | kt     | 263     | 482     | 544     | 595     | 684     | 592     | 550     |

**a** Includes sorted and unsorted, gem and industrial diamonds, and diamond dust and powder. **b** Includes limonite ore used for the production of refined nickel products. **c** Includes automotive diesel oil and industrial marine diesel fuel. **s** ABARE estimate.  
Sources: ABARE, *Australian Mineral Statistics*, Canberra; ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.

## 42 Value of Australian imports of mineral commodities

|  | 1999-00 | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 |
|--|---------|---------|---------|---------|---------|---------|---------|
|  | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     | \$m     |
| Clays                                  | 17      | 25      | 23      | 14      | 19      | 16      | 17      |
| Diamonds <b>a</b>                      | 210     | 249     | 255     | 302     | 309     | 347     | 403     |
| Gold <b>b</b>                          | 2 390   | 1 686   | 2 207   | 2 957   | 2 559   | 2 462   | 4 800   |
| Iron and steel                         |         |         |         |         |         |         |         |
| Iron ore and pellets <b>c</b>          | 107     | 122     | 104     | 114     | 140     | 145     | 222     |
| Iron and steel                         | 1 034   | 923     | 1 099   | 1 226   | 1 353   | 2 041   | 2 075   |
| Ferroalloys                            | 54      | 58      | 60      | 59      | 71      | 137     | 123     |
| Limestone                              | 11      | 11      | 10      | 9       | 9       | 7       | 7       |
| Magnesium                              | 21      | 15      | 14      | 15      | 21      | 17      | 16      |
| Petroleum                              |         |         |         |         |         |         |         |
| Crude oil and other refinery feedstock | 6 313   | 8 753   | 7 458   | 8 610   | 6 594   | 9 995   | 12 839  |
| LPG                                    | 108     | 160     | 116     | 76      | 166     | 143     | 194     |
| Automotive gasoline                    | 321     | 432     | 448     | 569     | 1 168   | 1 463   | 2 348   |
| Diesel fuel <b>d</b>                   | 377     | 438     | 414     | 561     | 1 134   | 1 933   | 4 076   |
| Other refinery products <b>s</b>       | 325     | 463     | 953     | 1 971   | 3 428   | 4 979   | 8 575   |
| Phosphate rock                         | 54      | 62      | 72      | 50      | 41      | 49      | 42      |
| Platinum and platinum group metals     | 55      | 30      | 42      | 64      | 86      | 59      | 70      |
| Potassium fertiliser                   | 82      | 91      | 117     | 108     | 94      | 106     | 112     |
| Silver                                 | 29      | 16      | 32      | 35      | 70      | 30      | 33      |
| Sulphur                                | 21      | 37      | 30      | 45      | 59      | 47      | 45      |
| Total                                  | 11 815  | 13 924  | 13 855  | 17 211  | 17 689  | 24 269  | 36 368  |

**a** Includes sorted and unsorted, gem and industrial diamonds, and diamond dust and powder. **b** Refined and unrefined bullion. **c** Includes value of limonite ore used for the production of refined nickel products. **d** Includes automotive diesel oil and industrial and marine diesel fuel. **s** ABARE estimate.

Sources: ABARE, *Australian Mineral Statistics*, Canberra; ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra.