



overview

macroeconomic indicators

farm sector

resource sector



australian economy



2007

## 1 Australian gross product, by sector

	Chain volume measures <sup>a</sup>						Nominal prices
	Rural		Mining			Gross domestic product	
	Farm \$m	Total <sup>b</sup> \$m	Mining (excl. services to mining) \$m	Mining			
				Services to mining \$m	Total \$m	Gross domestic product \$m	
1974-75	12 058	13 236	13 374	na	15 512	345 954	69 784
1975-76	13 161	14 330	12 973	na	15 114	355 309	81 719
1976-77	13 484	14 714	13 814	na	16 095	367 611	94 208
1977-78	13 013	14 231	14 165	na	16 446	370 908	102 876
1978-79	16 172	17 322	14 529	na	16 804	386 450	116 376
1979-80	13 900	15 190	14 222	na	16 240	398 569	132 070
1980-81	11 891	13 318	14 490	na	16 397	412 057	149 592
1981-82	14 213	15 497	14 373	na	15 887	425 128	172 469
1982-83	10 834	12 109	14 921	na	16 645	415 046	185 591
1983-84	16 117	17 352	16 023	na	18 066	434 458	209 497
1984-85	16 172	17 387	18 099	na	20 584	457 593	231 337
1985-86	15 741	16 916	20 272	3 451	22 745	477 933	255 270
1986-87	15 851	17 022	19 296	2 356	21 323	489 488	279 658
1987-88	15 166	16 450	22 612	3 038	25 137	514 736	319 194
1988-89	15 641	17 002	23 752	3 159	26 388	533 775	362 321
1989-90	17 005	18 352	26 504	2 806	29 036	554 773	397 393
1990-91	17 857	19 297	28 378	2 398	30 686	551 197	408 876
1991-92	16 656	18 161	29 862	2 205	32 090	551 457	417 055
1992-93	17 837	19 319	29 912	2 535	32 410	571 871	438 126
1993-94	18 564	19 967	30 451	2 549	32 975	595 329	460 163
1994-95	14 952	16 597	32 456	3 080	35 337	622 058	486 607
1995-96	18 803	20 454	35 119	3 369	38 276	647 659	518 144
1996-97	20 130	21 985	35 575	3 425	38 786	673 100	545 698
1997-98	19 927	21 865	36 770	3 599	40 156	703 258	577 373
1998-99	22 118	24 093	37 090	3 217	40 022	739 629	607 759
1999-00	23 013	25 337	39 721	3 115	42 468	769 045	645 058
2000-01	23 941	26 362	42 395	3 600	45 704	784 016	689 262
2001-02	24 790	27 194	42 304	3 702	45 735	813 542	735 714
2002-03	18 423	20 806	41 861	3 949	45 596	839 187	781 675
2003-04	24 738	27 340	40 460	3 715	43 949	873 197	840 285
2004-05	24 651	27 153	41 784	4 369	46 152	896 568	896 568
2005-06	26 040	28 427	41 063	4 173	45 235	922 690	966 172
2006-07	21 035	23 366	44 157	4 595	48 751	952 723	1 046 164

<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.

overview

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

	Rural		Mining	Manufacturing	Other	Total employment
	Farm	Total <sup>b</sup>				
	'000	'000	'000	'000	'000	'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	385	443	81	1 077	7 532	9 133
2002-03	323	375	86	1 091	7 769	9 321
2003-04	319	373	92	1 033	7 933	9 431
2004-05	310	364	93	991	8 088	9 536
2005-06	303	353	115	1 002	8 387	9 857
2006-07	308	355	120	1 003	8 644	10 123

<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				
	Farm %	Total <sup>a</sup> %	Mining %	Manufacturing %	Other %
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	4.8	0.9	11.8	82.5
2002-03	3.5	4.0	0.9	11.7	83.4
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
2006-07	3.0	3.5	1.2	9.9	85.4

<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.

overview

## 4 Value of Australian exports, by sector Balance of payments basis

	Farm <sup>a</sup>	Forest <sup>b</sup>	Fisheries <sup>c</sup>	Resource sector <sup>d</sup>	Total commodities	Total merchandise	Total goods and services
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
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	15 192	613	674	21 195	37 264	44 187	55 322
1989-90	14 448	616	784	24 932	40 497	48 927	60 842
1990-91	13 081	706	831	28 030	42 371	52 568	66 249
1991-92	14 609	748	980	28 304	44 322	55 427	69 997
1992-93	15 980	826	1 090	29 759	47 352	60 634	77 042
1993-94	17 471	911	1 243	29 878	48 896	64 419	83 301
1994-95	18 022	1 067	1 367	30 371	50 023	67 101	88 103
1995-96	20 598	1 087	1 328	34 450	56 472	76 146	99 475
1996-97	22 318	1 198	1 305	36 052	59 740	80 934	106 091
1997-98	23 471	1 348	1 489	40 925	66 181	88 538	115 132
1998-99	23 009	1 347	1 511	39 221	63 902	85 783	114 095
1999-00	24 559	1 607	1 988	45 498	72 182	97 625	128 435
2000-01	30 106	1 846	2 169	58 006	90 643	120 231	156 163
2001-02	31 931	2 018	2 100	57 283	91 588	120 940	156 102
2002-03	27 865	2 091	1 844	57 002	86 865	115 803	151 790
2003-04	26 550	2 040	1 652	53 586	82 466	109 459	147 205
2004-05	27 911	2 119	1 542	68 548	98 902	127 867	167 562
2005-06	27 947	2 140	1 547	91 115	121 591	154 425	196 274
2006-07	27 588	2 348	1 495	106 472	136 845	169 617	215 850

<sup>a</sup> Includes exports of wine. <sup>b</sup> Includes paper and paperboard. <sup>c</sup> Tuna captured under joint venture agreements or transhipped at sea are not included. <sup>d</sup> 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 <sup>a</sup>	Forest <sup>b</sup>	Fisheries <sup>c</sup>	Resource sector <sup>d</sup>	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	34.4	1.4	1.5	48.0	84.3
1989-90	29.5	1.3	1.6	51.0	82.8
1990-91	24.9	1.3	1.6	53.3	80.6
1991-92	26.4	1.3	1.8	51.1	80.0
1992-93	26.4	1.4	1.8	49.1	78.1
1993-94	27.1	1.4	1.9	46.4	75.9
1994-95	26.9	1.6	2.0	45.3	74.5
1995-96	27.1	1.4	1.7	45.2	74.2
1996-97	27.6	1.5	1.6	44.5	73.8
1997-98	26.5	1.5	1.7	46.2	74.7
1998-99	26.8	1.6	1.8	45.7	74.5
1999-00	25.2	1.6	2.0	46.6	73.9
2000-01	25.0	1.5	1.8	48.2	75.4
2001-02	26.4	1.7	1.7	47.4	75.7
2002-03	24.1	1.8	1.6	49.2	75.0
2003-04	24.3	1.9	1.5	49.0	75.3
2004-05	21.8	1.7	1.2	53.6	77.3
2005-06	18.1	1.4	1.0	59.0	78.7
2006-07	16.3	1.4	0.9	62.8	80.7

<sup>a</sup> Includes exports of wine. <sup>b</sup> Includes paper and paperboard. <sup>c</sup> Tuna captured under joint venture agreements or transhipped at sea are not included. <sup>d</sup> 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 <sup>a</sup>	Forest <sup>b</sup>	Fisheries <sup>c</sup>	Resource sector <sup>d</sup>	Total commodities	Total merchandise	Services
	%	%	%	%	%	%	%
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	27.5	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	20.9	1.1	1.4	40.4	63.3	79.2	20.8
1992-93	20.7	1.1	1.4	38.6	61.5	78.7	21.3
1993-94	21.0	1.1	1.5	35.9	58.7	77.3	22.7
1994-95	20.5	1.2	1.6	34.5	56.8	76.2	23.8
1995-96	20.7	1.1	1.3	34.6	56.8	76.5	23.5
1996-97	21.0	1.1	1.2	34.0	56.3	76.3	23.7
1997-98	20.4	1.2	1.3	35.5	57.5	76.9	23.1
1998-99	20.2	1.2	1.3	34.4	56.0	75.2	24.8
1999-00	19.1	1.3	1.5	35.4	56.2	76.0	24.0
2000-01	19.3	1.2	1.4	37.1	58.0	77.0	23.0
2001-02	20.5	1.3	1.3	36.7	58.7	77.5	22.5
2002-03	18.4	1.4	1.2	37.6	57.2	76.3	23.7
2003-04	18.0	1.4	1.1	36.4	56.0	74.4	25.6
2004-05	16.7	1.3	0.9	40.9	59.0	76.3	23.7
2005-06	14.2	1.1	0.8	46.4	61.9	78.7	21.3
2006-07	12.8	1.1	0.7	49.3	63.4	78.6	21.4

<sup>a</sup> Includes exports of wine. <sup>b</sup> Includes paper and paperboard. <sup>c</sup> Tuna captured under joint venture agreements or transhipped at sea are not included. <sup>d</sup> 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 products <sup>b</sup>	Resource sector products <sup>c</sup>	Other merchandise	Total merchandise <sup>d</sup>	Services <sup>d</sup>	Total goods and services <sup>d</sup>
	\$m	\$m	\$m	\$m	\$m	\$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	6 238	34 893	8 227	43 293
1980-81	12 570	14 163	5 626	32 359	8 998	41 447
1981-82	12 824	14 838	5 458	33 120	9 224	42 426
1982-83	12 012	16 138	5 171	33 321	9 175	42 647
1983-84	11 942	18 191	5 942	36 075	9 650	45 925
1984-85	13 932	21 515	6 685	42 132	10 444	53 008
1985-86	14 878	21 966	6 790	43 634	10 938	55 005
1986-87	15 738	23 642	8 831	48 211	12 202	60 871
1987-88	15 466	26 116	9 920	51 502	14 569	66 380
1988-89	14 569	26 080	10 738	51 387	15 838	67 358
1989-90	14 825	29 135	10 402	54 362	16 068	70 671
1990-91	16 182	33 804	11 001	60 987	17 605	78 920
1991-92	17 628	36 915	12 651	67 193	18 412	86 039
1992-93	18 897	37 816	14 292	71 005	20 575	92 010
1993-94	20 893	38 066	18 418	77 377	23 434	101 230
1994-95	19 689	39 256	20 492	79 436	26 530	106 343
1995-96	21 690	42 907	23 181	87 779	28 760	116 981
1996-97	24 496	47 853	26 290	98 638	30 661	129 872
1997-98	25 854	52 518	24 368	102 740	31 941	135 277
1998-99	26 709	52 910	24 729	104 347	33 639	138 260
1999-00	29 611	61 730	24 011	115 353	35 788	150 068
2000-01	30 982	64 870	26 414	122 266	39 828	161 428
2001-02	32 308	66 203	24 251	122 762	37 946	159 886
2002-03	27 866	68 103	26 694	122 663	37 785	159 183
2003-04	28 979	67 342	27 834	124 155	38 886	162 583
2004-05	30 355	68 547	28 964	127 867	39 695	167 562
2005-06	30 636	69 061	31 139	130 836	40 438	171 275
2006-07	29 653	72 811	32 231	134 695	43 188	177 884

<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.



overview

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>							
1990-91	84.6	101.2	86.0	111.5	96.6	102.0	96.3
1991-92	88.0	105.0	89.4	103.6	88.1	93.7	92.1
1992-93	90.1	109.6	91.8	109.7	92.1	98.5	96.1
1993-94	90.4	124.9	93.3	100.2	88.6	92.8	92.9
1994-95	100.9	127.2	103.1	94.3	92.3	93.0	96.4
1995-96	106.4	123.7	107.8	101.5	95.3	97.5	101.0
1996-97	95.5	123.5	97.7	103.2	86.9	92.9	94.5
1997-98	102.6	124.1	104.4	106.0	94.8	98.9	100.7
1998-99	93.6	120.7	95.8	96.8	92.4	94.0	94.5
1999-00	90.9	132.1	94.2	110.4	98.0	102.7	99.6
2000-01	109.1	144.5	112.0	141.0	115.6	125.4	120.5
2001-02	118.1	143.4	120.1	140.8	110.3	122.2	121.3
2002-03	115.5	137.7	117.3	135.1	106.2	117.5	117.2
2003-04	106.5	126.6	108.1	120.2	105.5	111.3	110.0
2004-05	105.7	128.4	107.5	166.0	125.2	141.0	130.0
2005-06	105.5	131.5	107.6	224.9	162.2	186.5	160.6
2006-07	109.5	136.0	111.7	205.2	202.2	204.1	173.9
<b>Quarterly indexes b</b>							
<b>2004-05</b>							
September	108.4	106.7	108.4	163.2	131.8	144.4	131.4
December	104.8	100.3	104.1	166.6	127.5	143.0	129.1
March	103.1	98.3	102.1	164.5	131.1	144.4	129.4
June	102.7	98.4	102.6	210.0	151.9	174.8	149.4
<b>2005-06</b>							
September	102.6	102.6	102.7	231.3	158.9	187.2	157.3
December	105.2	103.9	104.1	241.1	165.3	194.9	163.2
March	104.2	104.5	104.1	242.1	179.3	204.2	168.9
June	106.1	102.5	106.6	239.7	199.3	215.9	177.0
<b>2006-07</b>							
September	107.0	110.1	107.2	236.1	211.4	222.2	181.8
December	107.7	104.7	106.4	217.4	214.2	216.5	178.1
March	110.2	105.3	109.0	212.2	218.7	217.2	179.3
June	109.4	104.3	110.6	205.5	230.2	221.4	181.9

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 real gross domestic product %	Interest rates		Inflation <b>c</b> %	Consumer price index <b>d</b>
		Short term <b>a</b> %	Long term <b>b</b> %		
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	4.1	5.3	5.9	2.4	143.5
2004-05	2.7	5.5	5.1	2.4	147.0
2005-06	2.9	5.7	5.8	3.2	151.7
2006-07	3.3	6.3	6.3	2.9	156.1

**a** 90 day bank bills, average of end-of-month data. **b** 10 year Treasury bonds, average of end-of-month data. **c** Percentage change in the consumer price index. **d** 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 c		
	goods and services		balance a			trade b	Share of	
	Imports	Exports	Level	Share of			Level	GDP
	\$m	\$m	\$m	%		\$m	%	
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	-3.9	100.5	9 361	6.4	
1981-82	29 660	23 694	-9 057	-5.3	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	30.2	
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	69 175	69 997	-13 238	-3.2	79.1	162 466	39.0	
1992-93	79 139	77 042	-15 002	-3.4	75.8	177 453	40.5	
1993-94	85 504	83 301	-15 869	-3.4	73.6	171 313	37.2	
1994-95	97 896	88 103	-28 233	-5.8	75.5	190 790	39.2	
1995-96	101 407	99 475	-21 401	-4.1	77.8	193 872	37.4	
1996-97	104 008	106 091	-17 089	-3.1	80.0	208 628	38.2	
1997-98	119 246	115 132	-22 183	-3.8	79.9	227 782	39.5	
1998-99	127 519	114 095	-32 603	-5.4	76.1	230 689	38.0	
1999-00	141 389	128 435	-30 985	-4.8	80.0	272 639	42.3	
2000-01	154 325	156 163	-16 867	-2.4	82.0	302 467	43.9	
2001-02	155 078	156 102	-18 660	-2.5	83.5	324 147	44.1	
2002-03	167 736	151 790	-38 362	-4.9	85.3	356 995	45.7	
2003-04	168 714	147 205	-45 980	-5.5	91.0	389 487	46.4	
2004-05	190 188	167 562	-55 479	-6.2	100.0	430 291	48.0	
2005-06	210 794	196 274	-53 884	-5.6	110.9	500 779	51.8	
2006-07	227 883	215 850	-59 189	-5.8	118.9	544 075	53.1	

**a** Negative sign indicates current account deficit. **b** 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. **c** 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 ¥/A\$	United States US\$/A\$	New Zealand NZ\$/A\$	Korea, Rep. of <sup>b</sup> won/A\$	United Kingdom £/A\$	Euro €/A\$	Trade weighted index <sup>c</sup>
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
2006-07	92.72	0.7840	1.144	749.2	0.405	0.599	64.8

<sup>a</sup> Period average. As at 2 October 2007, the five most important currencies and their weights in the trade weighted index for the Australian dollar were the Japanese yen (16.33 per cent), European Euro (12.20 per cent), Chinese renminbi (13.94 per cent), US dollar (10.98 per cent) and Korean won (6.14 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 A\$/US\$	Japan ¥/US\$	Euro €/US\$	United Kingdom £/US\$	Real effective exchange rates <sup>b</sup>		
					United States	Japan	Germany
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	0.4303	105.7	60.6	76.7
1981	0.8701	220.54	na	0.4976	116.8	65.1	69.6
1982	0.9829	249.08	na	0.5724	129.3	57.6	70.7
1983	1.1082	237.51	na	0.6597	131.1	61.3	73.1
1984	1.1369	237.52	na	0.7518	138.3	62.7	72.0
1985	1.4269	238.54	na	0.7792	143.5	62.2	73.0
1986	1.4906	168.52	na	0.6822	118.7	78.3	81.8
1987	1.4268	144.64	na	0.6119	103.7	82.1	88.7
1988	1.2752	128.15	na	0.5622	97.8	87.3	89.8
1989	1.2618	137.96	na	0.6112	98.7	83.5	89.5
1990	1.2799	144.79	na	0.5632	89.6	75.5	96.6
1991	1.2835	134.71	na	0.5670	87.0	81.0	95.8
1992	1.3600	126.65	na	0.5698	85.2	83.6	100.6
1993	1.4703	111.20	na	0.6668	88.2	99.6	106.9
1994	1.3667	102.21	na	0.6534	86.5	105.7	110.7
1995	1.3486	94.06	na	0.6337	79.8	110.9	120.1
1996	1.2772	108.78	na	0.6410	81.6	94.4	119.0
1997	1.3440	120.99	na	0.6108	86.1	89.9	111.4
1998	1.5888	130.91	na	0.6038	91.4	83.7	109.0
1999	1.5496	113.91	0.939	0.6181	90.5	94.5	106.5
2000	1.7172	107.77	1.085	0.6609	100.0	100.0	100.0
2001	1.9319	121.53	1.118	0.6947	103.8	89.1	99.9
2002	1.8386	125.39	1.063	0.6672	105.6	79.5	98.8
2003	1.5340	115.00	0.880	0.6125	95.6	76.3	101.3
2004	1.3569	108.00	0.800	0.5462	86.8	76.8	99.6
2005	1.4870	110.00	0.800	0.5500	86.2	73.8	97.5
2006	1.5038	116.00	0.800	0.5435	85.6	67.7	95.9

<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 %	United States %	European Union %	Japan %	OECD <sup>a</sup> %	China <sup>b</sup> %	Korea, Rep. of %
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	3.1	1.6	1.9	2.4	10.2	4.0
2006	2.4	2.9	na	2.2	2.8	11.1	5.0

<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 %	United States %	Japan %	Germany <sup>a</sup> %	United Kingdom %	OECD %	China %	Korea, Rep. of %
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	3.2
1990	2.4	0.9	4.2	5.2	0.0	1.6	5.5	8.9
1991	- 3.6	- 1.5	1.9	3.5	- 3.3	- 0.4	12.8	9.6
1992	- 0.0	2.8	- 5.7	- 2.4	0.4	- 0.3	21.2	5.9
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	21.4	11.1
1995	1.2	4.9	3.8	0.8	1.8	3.4	16.1	11.9
1996	3.7	4.3	2.3	0.2	1.4	2.5	15.1	8.4
1997	2.0	7.2	3.5	3.2	1.4	4.8	13.2	4.7
1998	3.0	6.1	- 6.6	3.7	0.2	1.8	9.6	- 6.5
1999	3.3	4.7	0.3	1.2	2.2	3.0	9.8	24.2
2000	5.4	4.5	5.4	5.6	1.9	4.9	11.2	16.8
2001	0.1	- 3.5	- 6.3	0.2	- 1.5	- 2.6	9.9	0.7
2002	2.9	0.0	- 1.1	- 1.0	- 2.0	- 0.4	12.7	8.0
2003	0.5	1.1	3.0	0.4	- 0.3	0.7	16.7	5.3
2004	0.0	2.5	5.3	3.0	0.8	3.6	16.3	10.2
2005	1.1	3.2	1.2	3.4	- 1.8	2.4	15.9	6.2
2006	0.0	3.9	4.6	5.8	0.1	3.1	15.4	10.1

<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		Total Euro Area <sup>c</sup>	United States		Japan	
	Short term	Long term		Short term	Long term		
	%	%	%	%	%	%	%
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	10.9	9.2
1981	10.3	4.9	11.3	14.1	13.9	7.6	8.7
1982	6.2	2.7	9.6	10.7	13.0	7.0	8.1
1983	3.2	1.9	8.7	8.6	11.1	6.7	7.4
1984	4.3	2.3	7.8	9.6	12.4	6.5	6.8
1985	3.6	2.0	4.9	7.5	10.6	6.6	6.3
1986	1.9	0.6	2.4	6.0	7.7	5.1	4.9
1987	3.7	0.1	2.4	5.8	8.4	4.2	4.2
1988	4.0	0.6	2.7	6.7	8.8	4.5	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	3.3	5.0	5.4	7.9	7.4	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	2.4	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	1.8	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	- 0.8	2.1	3.5	5.0	0.1	1.3
2002	1.6	- 0.9	2.2	1.6	4.6	0.0	1.3
2003	2.3	- 0.2	2.1	1.0	4.0	0.0	1.0
2004	2.7	- 0.0	2.1	1.4	4.3	0.0	1.5
2005	3.4	- 0.3	2.2	3.2	4.3	0.0	1.4
2006	3.2	0.2	na	4.7	4.8	0.4	1.7

<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 million	United States million	European Union <sup>b</sup> million	Japan million	China million	Other East Asia <sup>c</sup> million	India million	World million
1962	10.8	191.8	302.4	95.9	682.4	195.3	464.2	3 102.9
1963	11.0	194.4	305.2	96.9	696.6	200.4	473.8	3 164.0
1964	11.3	197.0	308.0	97.9	712.1	205.6	483.7	3 227.0
1965	11.5	199.4	310.5	98.9	729.2	211.0	493.9	3 292.0
1966	11.8	201.7	312.8	99.9	747.8	216.4	504.3	3 358.8
1967	12.0	203.9	314.9	100.9	767.7	222.0	515.1	3 427.3
1968	12.3	206.0	316.9	101.9	788.5	227.6	526.1	3 497.4
1969	12.5	208.1	318.7	103.1	809.7	233.3	537.6	3 568.7
1970	12.7	210.1	320.6	104.3	830.7	239.2	549.3	3 641.0
1971	12.9	212.1	322.4	105.7	851.4	245.1	561.4	3 714.2
1972	13.1	214.1	324.1	107.2	871.8	251.1	573.9	3 788.3
1973	13.3	216.1	325.8	108.7	891.6	257.2	586.8	3 862.7
1974	13.4	218.1	327.4	110.2	910.3	263.3	600.0	3 937.1
1975	13.6	220.2	328.9	111.5	927.8	269.4	613.8	4 011.0
1976	13.8	222.2	330.3	112.8	943.9	275.5	627.9	4 084.3
1977	14.0	224.3	331.6	113.9	958.6	281.7	642.6	4 157.1
1978	14.2	226.5	332.8	114.9	972.4	287.9	657.6	4 229.9
1979	14.4	228.7	333.8	115.9	985.7	294.1	672.9	4 303.8
1980	14.6	230.9	334.7	116.8	998.9	300.3	688.6	4 379.1
1981	14.8	233.2	335.4	117.7	1 012.0	306.6	704.5	4 456.1
1982	15.0	235.6	336.0	118.6	1 025.0	312.9	720.7	4 534.5
1983	15.2	238.1	336.6	119.4	1 038.2	319.2	737.3	4 614.5
1984	15.4	240.6	337.1	120.1	1 052.1	325.4	754.1	4 696.2
1985	15.7	243.1	337.8	120.8	1 066.9	331.7	771.1	4 779.7
1986	15.9	245.6	338.6	121.5	1 082.8	337.9	788.4	4 865.0
1987	16.1	248.2	339.6	122.1	1 099.5	344.0	806.0	4 952.0
1988	16.4	250.8	340.6	122.6	1 116.7	350.2	823.8	5 039.7
1989	16.6	253.4	341.8	123.1	1 133.4	356.3	841.9	5 127.1
1990	16.9	256.1	343.0	123.5	1 149.1	362.4	860.2	5 213.5
1991	17.1	258.9	344.4	124.0	1 163.6	368.4	878.8	5 289.1
1992	17.3	261.7	345.8	124.4	1 177.0	374.5	897.6	5 379.9
1993	17.5	264.5	347.3	124.8	1 189.6	380.5	916.5	5 464.2
1994	17.7	267.4	348.7	125.1	1 201.7	386.6	935.5	5 545.8
1995	17.9	270.2	350.0	125.5	1 213.7	392.6	954.3	5 627.1
1996	18.2	273.1	351.1	125.8	1 225.7	398.6	973.0	5 707.9
1997	18.4	276.0	352.0	126.2	1 237.4	404.7	991.5	5 788.2
1998	18.6	279.0	352.9	126.5	1 248.9	410.7	1 009.9	5 867.9
1999	18.8	281.9	353.9	126.8	1 259.7	416.7	1 028.2	5 946.9
2000	19.1	284.9	355.2	127.0	1 270.0	422.6	1 046.2	6 025.0
2001	19.3	287.8	356.8	127.3	1 279.5	428.5	1 064.2	6 102.2
2002	19.5	290.8	358.7	127.5	1 288.4	434.3	1 081.9	6 178.7
2003	19.7	293.8	360.7	127.7	1 296.8	440.1	1 099.5	6 254.7
2004	19.9	296.8	362.6	127.8	1 305.0	445.8	1 117.0	6 330.5
2005	20.2	299.8	364.3	127.9	1 313.0	451.5	1 134.4	6 406.5
2006	20.6	302.8	365.8	128.0	1 320.9	457.1	1 151.8	6 456.4

<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.  
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 of farm production \$m	Farm costs \$m	Net value of farm production \$m	Index of real net value of farm production <sup>a</sup>	Index of prices received <sup>c</sup>	Index of prices paid <sup>c</sup>	Farmers' terms of trade <sup>cd</sup>	Consumer price index <sup>b</sup>
1966-67	3 825	2 415	1 410	320	27.4	13.1	209.6	10.1
1967-68	3 342	2 472	870	189	26.7	13.5	198.5	10.4
1968-69	3 947	2 673	1 274	272	26.0	13.5	193.4	10.7
1969-70	3 732	2 668	1 064	218	25.4	13.5	188.4	11.0
1970-71	3 569	2 713	856	166	23.9	13.9	171.6	11.5
1971-72	3 971	2 793	1 178	216	26.0	14.9	175.3	12.3
1972-73	4 962	3 103	1 859	324	35.6	16.2	219.9	13.1
1973-74	6 412	3 594	2 818	438	43.1	18.4	234.3	14.8
1974-75	5 874	4 196	1 678	221	36.9	23.4	158.0	17.3
1975-76	6 170	4 832	1 338	156	39.0	27.0	144.3	19.5
1976-77	6 755	5 278	1 477	150	42.5	30.1	141.1	22.2
1977-78	6 984	5 742	1 242	115	44.5	33.3	133.8	24.3
1978-79	10 204	6 629	3 575	316	54.0	35.5	152.1	26.3
1979-80	11 764	7 761	4 003	316	64.3	39.5	162.7	29.0
1980-81	11 580	8 739	2 841	205	68.4	44.9	152.2	31.7
1981-82	12 704	10 205	2 499	162	67.7	49.9	135.7	35.0
1982-83	11 708	11 403	305	14	71.1	55.3	128.6	39.0
1983-84	15 396	12 255	3 141	177	74.6	59.8	124.8	41.7
1984-85	15 377	12 896	2 481	138	76.6	63.4	121.0	43.4
1985-86	15 381	14 051	1 330	70	76.6	68.3	112.2	47.1
1986-87	17 282	15 386	1 896	77	82.8	74.2	111.5	51.5
1987-88	19 962	16 727	3 235	139	99.5	77.4	128.5	55.3
1988-89	22 846	18 330	4 516	187	112.4	84.4	133.2	59.3
1989-90	23 591	20 008	3 583	136	109.3	90.1	121.3	64.1
1990-91	21 207	20 168	1 039	31	93.6	90.9	102.9	67.5
1991-92	21 168	19 392	1 776	47	94.5	90.8	104.1	68.7
1992-93	21 990	19 340	2 650	89	93.7	89.5	104.7	69.4
1993-94	23 647	20 187	3 460	109	97.4	91.1	106.8	70.7
1994-95	23 048	21 708	1 340	72	112.0	95.0	118.0	73.0
1995-96	26 746	22 913	3 833	144	111.2	99.5	111.8	76.1
1996-97	27 673	23 910	3 764	147	101.6	99.4	102.2	77.1
1997-98	27 672	23 885	3 787	144	100.0	100.0	100.0	77.0
1998-99	27 957	24 511	3 446	135	96.1	100.6	95.6	78.1
1999-00	29 504	25 223	4 281	149	96.3	104.7	92.0	79.9
2000-01	33 342	26 657	6 685	217	108.5	110.1	98.5	84.7
2001-02	38 385	27 258	11 127	297	122.5	112.9	108.6	87.1
2002-03	31 645	27 766	3 879	115	122.6	121.5	101.0	89.8
2003-04	35 896	29 367	6 529	171	116.5	123.0	94.7	91.9
2004-05	35 180	29 826	5 354	137	115.2	126.6	91.0	94.2
2005-06	38 401	31 139	7 262	100	126.0	131.4	95.9	97.2
2006-07	33 109	31 089	2 020	131	135.4	137.8	98.3	100.0

<sup>a</sup> Obtained by deflating the net value of farm production by the consumer price index. <sup>b</sup> base year 2006-07 = 100. <sup>c</sup> 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. <sup>d</sup> 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 and oilseeds	Other crops	Total crops	Livestock slaughterings	Livestock products	Total livestock	Total farm
	index	index	index	index	index	index	index
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	134.1	97.8	111.8	108.6	92.0	102.1	107.7
2006-07	51.9	83.3	68.7	115.5	86.4	104.1	85.5

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			Total farm \$m
	Grains and oilseeds \$m	Other crops \$m	Total crops \$m	Livestock slaughterings \$m	Livestock products \$m	Total livestock \$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	13 203	22 846
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	6 836	11 457	6 046	5 207	11 252	22 709
1993-94	5 157	7 317	12 474	6 874	5 167	12 041	24 516
1994-95	3 997	7 362	11 359	6 680	5 995	12 676	24 035
1995-96	7 470	8 177	15 647	6 431	5 707	12 138	27 785
1996-97	8 133	8 455	16 588	6 376	5 754	12 130	28 718
1997-98	6 715	9 155	15 870	6 992	5 958	12 950	28 820
1998-99	7 134	9 357	16 491	7 256	5 412	12 667	29 159
1999-00	8 082	9 526	17 608	7 944	5 472	13 417	31 024
2000-01	8 701	10 358	19 059	9 738	5 965	15 703	34 761
2001-02	10 875	10 738	21 613	11 434	6 834	18 268	39 881
2002-03	5 440	10 605	16 045	10 676	6 482	17 158	33 203
2003-04	9 837	10 952	20 789	10 896	5 615	16 511	37 300
2004-05	7 364	11 362	18 725	12 033	5 794	17 827	36 552
2005-06	8 917	11 680	20 598	11 965	5 854	17 819	38 417
2006-07	5 307	10 953	16 259	11 918	6 248	18 166	34 426

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)

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
<b>Grains and oilseeds</b>								
Wheat (including flour)	3 481	4 197	4 612	3 109	3 475	3 488	3 296	2 765
Barley (including malt)	822	1 101	1 278	955	1 239	1 275	1 108	833
Oats	27	22	37	44	38	36	47	20
Sorghum	4	59	109	17	61	96	33	13
Rice	386	369	354	371	145	173	168	336
Lupins	235	166	109	57	148	89	99	36
Peas <b>a</b>	90	112	157	43	56	33	43	80
Chickpeas	101	113	167	52	71	65	106	168
Canola	639	544	572	289	453	397	331	108
Cottonseed	123	138	148	82	62	55	53	31
Other oilseeds <b>b</b>	29	28	20	21	26	33	21	22
<b>Total</b>	<b>5 937</b>	<b>6 849</b>	<b>7 564</b>	<b>5 040</b>	<b>5 773</b>	<b>5 739</b>	<b>5 305</b>	<b>4 412</b>
<b>Industrial crops</b>								
Raw cotton <b>c</b>	1 407	1 958	1 547	1 153	982	771	1 137	823
Sugar	1 095	1 178	1 430	1 220	982	1 098	1 597	1 340
Wine	1 347	1 614	1 970	2 386	2 545	2 748	2 799	2 991
<b>Total</b>	<b>3 849</b>	<b>4 751</b>	<b>4 948</b>	<b>4 759</b>	<b>4 509</b>	<b>4 617</b>	<b>5 534</b>	<b>5 155</b>
Other crops	2 780	3 220	3 575	3 499	3 213	3 322	3 270	3 196
<b>Total crops</b>	<b>12 567</b>	<b>14 819</b>	<b>16 087</b>	<b>13 299</b>	<b>13 496</b>	<b>13 679</b>	<b>14 108</b>	<b>12 763</b>
<b>Meat and live animals for slaughter</b>								
Beef and veal	3 119	4 007	4 189	3 756	3 793	4 584	4 272	4 634
Live cattle	433	482	526	569	318	374	358	437
Mutton	326	416	492	442	380	398	432	458
Lamb	376	504	577	533	602	673	767	749
Live sheep	180	258	392	408	266	207	291	289
Pig meat	159	186	265	256	181	150	143	142
Poultry meat	21	26	26	22	20	20	21	26
Canned meat	50	16	39	17	12	12	12	12
<b>Total</b>	<b>4 613</b>	<b>5 878</b>	<b>6 467</b>	<b>5 987</b>	<b>5 560</b>	<b>6 405</b>	<b>6 284</b>	<b>6 735</b>
<b>Wool</b>								
Greasy <b>d</b>	1 794	2 310	2 270	2 265	1 850	1 994	1 868	2 320
Semiprocessed	1 033	1 289	1 119	991	632	505	389	393
Skins	136	298	297	288	296	339	287	356
<b>Total d</b>	<b>2 963</b>	<b>3 897</b>	<b>3 687</b>	<b>3 545</b>	<b>2 778</b>	<b>2 838</b>	<b>2 544</b>	<b>3 069</b>
<b>Dairy products</b>								
Butter	291	291	297	224	183	188	225	179
Cheese	807	951	1 035	800	739	877	837	825
Casein	93	100	123	128	123	116	89	113
Skim milk powder	478	694	698	408	388	420	529	505
Wholemilk powder	403	580	571	380	322	324	334	275
Other dairy products	420	490	557	558	544	568	561	546
<b>Total</b>	<b>2 492</b>	<b>3 107</b>	<b>3 281</b>	<b>2 499</b>	<b>2 298</b>	<b>2 494</b>	<b>2 574</b>	<b>2 443</b>
<b>Other livestock exports</b>	<b>1 924</b>	<b>2 405</b>	<b>2 409</b>	<b>2 535</b>	<b>2 419</b>	<b>2 496</b>	<b>2 436</b>	<b>2 578</b>
<b>Total livestock exports</b>	<b>11 992</b>	<b>15 287</b>	<b>15 844</b>	<b>14 566</b>	<b>13 055</b>	<b>14 232</b>	<b>13 838</b>	<b>14 825</b>
<b>Total farm exports</b>	<b>24 559</b>	<b>30 106</b>	<b>31 931</b>	<b>27 865</b>	<b>26 550</b>	<b>27 911</b>	<b>27 947</b>	<b>27 588</b>

**a** Field peas and cowpeas. **b** Includes soybeans, linseed, sunflowerseed, safflowerseed and peanuts. Excludes meals and oils. **c** Excludes cotton waste and linters. **d** 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

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
<b>Africa</b>								
Egypt	500	543	721	333	657	229	474	150
South Africa	158	200	138	134	128	124	122	130
Other	334	549	685	441	389	391	439	343
Total	992	1 292	1 544	908	1 174	743	1 034	623
<b>Americas</b>								
United States	2 047	2 891	3 338	2 954	3 021	3 134	2 996	2 949
Canada	441	545	488	519	384	494	537	444
Other	298	428	426	369	377	262	302	231
Total	2 786	3 864	4 252	3 843	3 781	3 890	3 835	3 624
<b>North Asia</b>								
China	1 834	2 193	2 340	2 138	2 224	2 749	3 108	3 064
Chinese Taipei	756	806	782	763	677	708	758	638
Japan	4 149	4 890	4 404	4 022	4 416	5 373	5 110	4 675
Korea, Rep. of	1 167	1 441	1 401	1 321	1 299	1 690	1 841	1 982
Other	472	598	628	536	225	365	400	355
Total	8 378	9 928	9 555	8 781	8 840	10 884	11 216	10 715
<b>South East Asia</b>								
Indonesia	1 070	1 566	1 610	1 472	1 424	1 517	1 546	1 690
Malaysia	753	1 076	781	629	858	1 001	1 009	836
Philippines	631	697	633	536	393	359	280	235
Singapore	547	585	630	565	464	547	514	548
Thailand	527	672	600	551	511	499	550	474
Other	230	294	297	247	215	257	248	301
Total	3 759	4 890	4 550	4 001	3 865	4 179	4 146	4 084
<b>South Asia</b>	1 264	1 215	1 230	652	774	815	733	1 058
<b>Middle East</b>	2 004	2 898	3 276	2 085	2 140	1 960	2 213	1 610
<b>Europe</b>								
European Union <b>a</b>	2 586	3 391	3 070	2 880	2 646	2 653	2 515	2 411
Russian Federation	22	74	88	66	76	116	189	207
Other	34	12	17	58	34	55	50	13
Total	2 641	3 477	3 175	3 003	2 756	2 824	2 753	2 631
<b>Oceania</b>	1 006	1 170	1 260	1 349	1 296	1 419	1 446	1 561
New Zealand	692	815	900	982	972	1 073	1 113	1 196
<b>Other <b>b</b></b>	1 729	1 373	3 090	3 243	1 923	1 197	570	1 686
<b>Total</b>	<b>24 559</b>	<b>30 106</b>	<b>31 931</b>	<b>27 865</b>	<b>26 550</b>	<b>27 911</b>	<b>27 947</b>	<b>27 592</b>

## 22 Indexes of prices received by farmers in Australia

	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
<b>Crops sector</b>									
Grains and oilseeds									
Wheat	102.0	69.0	103.8	93.4	88.3	124.9	136.3	107.5	100.0
Barley	111.2	75.3	86.2	92.8	79.0	135.1	143.7	116.6	100.0
Sorghum	85.6	80.3	83.7	94.1	85.9	112.3	119.0	106.7	100.0
Oats	79.4	72.1	78.8	78.9	65.6	131.3	112.9	100.3	100.0
Lupins	118.9	115.0	88.8	106.1	96.2	95.3	106.7	111.8	100.0
Canola	66.5	62.3	61.8	69.7	77.3	80.0	81.4	75.6	100.0
Total	102.1	75.7	95.3	94.2	89.9	120.9	126.1	105.1	100.0
Cotton	98.9	104.6	88.3	91.8	98.6	123.5	121.3	103.1	100.0
Sugar	109.8	102.6	90.4	89.6	102.8	112.7	110.2	100.0	100.0
Hay	80.3	95.1	95.6	77.3	78.3	108.8	102.3	93.6	100.0
Fruit	85.5	90.6	95.1	85.4	87.0	101.1	103.0	109.6	100.0
Wine grapes	59.6	46.7	53.8	52.5	58.0	72.8	82.4	88.5	100.0
Vegetables	122.5	86.5	89.8	94.3	100.6	115.1	115.2	100.9	100.0
Total crops sectors	103.2	84.9	93.4	91.9	92.5	115.2	118.2	104.1	100.0
<b>Livestock sector</b>									
Livestock for slaughter									
Cattle	129.2	123.2	117.9	117.0	134.1	126.1	104.9	93.0	100.0
Lambs	64.2	52.8	58.4	85.2	97.6	89.9	116.9	121.4	100.0
Sheep	29.4	8.8	21.4	39.0	48.4	58.3	85.9	85.0	100.0
Live sheep for export	78.0	34.7	47.8	55.7	66.8	82.8	98.5	92.7	100.0
Pigs	106.5	114.0	101.0	98.4	95.3	96.4	122.4	123.2	100.0
Poultry	100.4	100.7	93.6	97.7	101.7	98.2	99.6	107.2	100.0
Total	108.7	102.9	99.1	102.4	113.9	109.9	106.5	101.0	100.0
Livestock products									
Wool	131.9	99.7	86.7	75.1	75.2	115.4	93.3	91.9	100.0
Milk	88.8	90.7	93.2	102.3	99.2	96.5	108.2	103.4	100.0
Eggs	99.0	96.4	92.0	95.3	91.4	88.6	101.7	105.2	100.0
Honey	60.0	71.1	80.8	82.3	76.8	81.7	90.2	101.6	100.0
Total	118.7	98.1	90.6	87.4	86.1	105.8	100.8	98.1	100.0
Store and breeding stock	88.6	82.0	79.7	78.8	95.0	96.7	96.1	89.4	100.0
Total livestock sector	112.4	99.1	93.7	93.6	99.9	107.0	103.2	98.8	100.0
<b>Total prices received</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>	<b>100.0</b>

Continued

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

	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
<b>Crops sector</b>									
Grains and oilseeds									
Wheat	94.5	98.7	117.4	132.3	134.4	109.1	99.6	115.4	134.4
Barley	87.7	107.9	125.1	130.8	159.9	105.9	100.1	121.2	182.2
Sorghum	88.1	72.6	85.1	102.2	120.9	93.8	79.4	103.2	159.3
Oats	63.7	77.5	96.5	128.2	160.3	101.1	98.1	141.0	221.8
Lupins	72.9	74.3	104.9	127.7	149.0	120.4	105.2	105.7	179.6
Canola	98.7	80.1	79.6	99.7	100.9	104.4	84.5	96.4	129.7
Total	92.0	94.5	108.7	123.7	134.0	105.2	95.7	113.0	145.3
Cotton	88.4	97.4	106.1	92.7	100.1	88.2	87.0	85.0	78.9
Sugar	93.2	72.2	70.4	88.5	83.2	76.3	84.1	116.3	97.5
Hay	98.4	100.0	110.7	104.2	155.0	125.0	128.0	147.8	177.4
Fruit	108.7	100.0	102.0	117.8	108.9	123.9	114.3	187.7	225.2
Wine grapes	109.7	99.3	108.7	110.2	100.5	96.2	81.5	75.6	81.3
Vegetables	108.2	100.4	107.5	104.3	123.8	124.6	122.2	141.2	169.4
Total crops sectors	96.9	94.9	104.7	113.6	118.7	106.3	99.3	118.9	138.3
<b>Livestock sector</b>									
Livestock for slaughter									
Cattle	105.6	119.3	144.2	167.7	145.0	160.4	177.2	181.4	162.4
Lambs	101.9	94.8	104.1	167.2	176.7	190.1	184.3	177.7	158.4
Sheep	83.7	69.5	117.9	204.7	185.4	230.3	195.4	202.9	148.3
Live sheep for export	94.0	95.3	111.4	156.1	179.3	178.0	164.1	176.1	179.1
Pigs	94.2	110.2	113.7	123.6	109.7	109.4	117.8	115.4	126.9
Poultry	94.1	90.2	90.1	93.0	98.5	97.7	91.9	83.7	94.1
Total	100.9	108.4	126.0	151.5	139.1	149.2	157.4	157.6	147.3
Livestock products									
Wool	79.2	81.4	98.3	113.9	153.2	116.5	107.4	98.2	142.8
Milk	95.5	87.9	97.0	110.5	90.7	93.4	105.7	110.9	110.9
Eggs	85.3	84.0	79.1	82.8	92.4	89.2	85.4	91.2	100.4
Honey	101.1	94.3	94.3	115.0	130.5	131.3	129.4	134.5	139.9
Total	87.5	84.5	95.6	109.0	114.0	101.6	104.6	104.6	121.6
Store and breeding stock	100.9	105.0	126.0	145.3	125.8	144.0	159.5	157.7	147.3
Total livestock sector	95.2	97.9	113.0	133.4	128.1	129.3	135.4	135.6	135.4
<b>Total prices received</b>	96.1	96.3	108.5	122.5	122.6	116.5	115.2	126.0	135.4

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 area of farms million ha	Livestock numbers <sup>b</sup>		
	Wheat million ha	Other crops <sup>c</sup> million ha		Beef cattle million	Dairy cattle million	Sheep million
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	25.42	2.86	102.48
2005-06	12.5	10.3	442.8	26.05	2.79	92.73
2006-07	11.1	8.9	na	25.13	2.67	86.79

<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> no.	Rural employment <sup>b</sup>			Total '000
		Employers and self-employed '000	Wage and salary earners '000	Contributing family workers '000	
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	214.4	188.6	18.7	421.7
1999-00	146 371	221.3	195.4	23.3	440.0
2000-01	140 516	212.0	201.1	22.2	435.2
2001-02	135 377	213.7	216.2	13.0	442.9
2002-03	132 983	181.4	183.3	10.2	374.9
2003-04	130 526	174.5	189.1	9.7	373.2
2004-05	129 934	168.6	185.3	10.0	363.8
2005-06	na	163.8	180.1	10.1	354.0
2006-07	na	168.3	181.3	7.1	356.7

**a** Represents total establishments engaged in agricultural activities. **b** 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 Workforce 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 grains and products \$m	Sugar products and honey \$m	Meat and meat preparations \$m	Wool and sheepskins \$m	Other rural <sup>b</sup> \$m	Total \$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	14 813	29 863
2003-04	5 093	1 123	5 758	2 778	14 128	28 880
2004-05	5 159	1 292	6 937	2 838	14 128	30 354
2005-06	4 852	1 763	6 709	2 544	14 607	30 475
2006-07	4 175	1 596	7 086	3 069	14 447	30 373

<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
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	34 160	1 741	5 097
1999-00	19 763	36 981	1 591	5 025
2000-01	20 280	34 696	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	20 819	41 243	1 453	4 418
2006-07	18 629	15 713	761	1 890

**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, 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>								
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	4 955	2 670	1 337	7 464	3 342	25	19 763
2000-01	'000 ha	5 398	2 706	1 126	7 390	3 667	27	20 280
2001-02	'000 ha	5 309	2 684	788	7 173	3 866	23	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	3 131	878	7 936	4 019	23	22 444
2005-06	'000 ha	5 378	2 876	1 008	7 629	3 900	23	20 819
2006-07	'000 ha	5 207	2 864	691	6 121	3 719	27	18 629
<b>Production</b>								
1997-98	Kt	8 558	3 398	1 637	12 097	5 360	66	31 116
1998-99	Kt	9 718	3 495	2 322	12 232	6 305	74	34 160
1999-00	Kt	11 495	5 139	2 222	13 311	4 751	61	36 981
2000-01	Kt	10 834	6 232	1 340	8 726	7 486	75	34 696
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	11 571	6 133	1 464	14 473	7 518	78	41 243
2006-07	Kt	3 191	1 471	842	7 563	2 599	51	15 713
<b>Summer b</b>								
<b>Area</b>								
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	750	2	623	4	0	0	1 453
2006-07	'000 ha	318	2	374	3	0	0	761
<b>Production</b>								
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	8	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	2 724	8	1 561	9	0	0	4 418
2006-07	Kt	988	7	801	8	0	0	1 890

**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 no.	Employment at 30 June <sup>b</sup> no.	Wages and salaries <sup>c</sup> \$m	Turnover \$m	Stocks		Purchases, transfers in and selected expenses \$m	Value added \$m
					Opening \$m	Closing \$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	56 168	4 077	34 234	2 786	3 354	12 380	22 422
1997-98	528	51 048	4 157	37 558	3 353	3 318	13 540	23 770
1998-99	527	45 703	3 910	37 524	3 471	3 296	13 230	24 120
1999-00	529	53 169	4 169	42 632	3 897	4 146	12 705	24 412
2000-01	na	52 854	5 620	55 954	4 008	3 496	na	32 674
2001-02	na	57 706	6 094	59 604	3 603	4 309	na	35 364
2002-03	na	61 034	6 607	62 794	4 171	4 264	na	37 021
2003-04	na	64 259	7 031	61 099	4 170	4 358	na	34 759
2004-05	na	69 126	7 588	71 510	4 094	4 805	na	41 086
2005-06	na	77 810	9 590	96 063	5 153	6 073	na	60 175
2006-07	na	83 072 <sup>s</sup>	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. <sup>s</sup> ABARE estimate. **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, Electricity and Gas Operations, Australia, Preliminary*, cat. no. 8401.0, Canberra; ABS, *Australian Mining Industry*, cat. no. 8414.0, Canberra; ABS, *Mining Industry, Australia*, cat. nos. 8402.0, Canberra; ABS, *Mining Operations, Australia*, cat. no. 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 \$m	Coal and petroleum \$m	Construction materials c \$m	Non-metallics \$m	Total \$m		
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 k	15 193	826 h	361 l	22 108 j	1 230	735
1986	5 963 k	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	1 330	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	1 566	1 745
1995-96	12 793	15 986	na	na	28 779	1 649	1 867
1996-97	13 617	17 912	na	na	31 358	1 957	2 268
1997-98	14 696	19 517	na	na	34 213	1 985	2 423
1998-99	15 228	18 955	na	na	34 182	1 690	2 059
1999-00	14 234	20 065	na	na	34 299	1 377	2 788
2000-01	18 748	26 245	871	1 488	52 270	1 708	3 967
2001-02	19 531	31 126	1 221	2 905	54 782	1 523	4 141
2002-03	19 352	29 321	1 317	3 191	53 181	1 728	4 073
2003-04	20 424	26 340	1 396	2 615	50 773	1 731	3 943
2004-05	25 678	37 332	1 539	2 893	67 441	2 073	4 525
2005-06	36 349	50 704	1 622	3 093	91 769	2 503	6 020
2006-07	na	na	na	na	na	3 940	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 Industry, Australia*, cat. no. 8402.0, Canberra; ABS, *Mineral Exploration, Australia*, cat. no. 8407.0, Canberra; ABS, *Mineral and Petroleum 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	Other <sup>a</sup>	Total	Gold	Base		Total	Other	Total
					metals <sup>b</sup>	metallics			
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$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	633	57	690	449	100	36	584	56	1 330
1989-90	583	52	635	341	118	39	498	57	1 190
1990-91	582	36	618	306	172	45	523	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	673	46	719	555	201	37	792	55	1 566
1995-96	689	60	749	547	252	40	839	61	1 649
1996-97	809	84	892	728	207	59	994	71	1 957
1997-98	918	87	1 005	648	227	55	930	50	1 985
1998-99	852	55	907	486	177	70	733	49	1 690
1999-00	701	47	748	375	157	64	596	33	1 377
2000-01	1 025	50	1 074	370	165	69	604	na	1 708
2001-02	883	59	942	331	133	87	551	na	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
2006-07	2 226	307	2 533	456	555	na	na	na	3 940

<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, *Mineral and Petroleum Exploration, Australia*, cat. no. 8412.0, Canberra.



# 31 Private new capital expenditure

	Mining <sup>a</sup>	Manufacturing	Other selected 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	18 608	15 428	38 606	72 642
2006-07	22 062	13 266	42 013	77 341

<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 and Expected Expenditure, Australia*, cat. no. 5625.0, Canberra; ABS, *Private New Capital Expenditure, Australia, Actual and Expected Expenditure*, cat. no. 5626.0, Canberra; ABARE.

## 32 Australian production of mineral commodities

	Unit	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
Bauxite	Mt	55	54	54	56	58	61	63
Coal								
Black								
Salable	Mt	258	273	275	286	305	307	323
Raw	Mt	321	345	349	360	393	398	410
Brown	Mt	65	67	67	66	67	68	72
Copper in mine products <b>s</b>	kt	875	882	883	811	899	933	855
Diamonds	'000 ct	22 475	30 676	32 006	24 310	32 471	25 354	24 632
Gold in mine products <b>s</b>	t	296	265	278	267	266	250	251
Iron ore and concentrate	Mt	175	185	199	223	252	264	288
Lead in mine products <b>s</b>	kt	724	744	695	677	682	762	642
Manganese ore and concentrate <b>s</b>	kt	1 963	1 850	2 472	3 094	3 563	4 088	5 071
Nickel in mine products <b>s</b>	kt	193	192	183	185	192	186	191
Petroleum								
Crude oil and condensate	ML	39 839	37 820 <b>s</b>	35 023 <b>s</b>	30 713 <b>s</b>	27 311 <b>s</b>	24 315 <b>s</b>	28 555 <b>s</b>
LPG (naturally occurring)	ML	4 558	4 647	4 681	4 639	4 628	4 722	4 550
Natural gas and ethane	Mm <sup>3</sup>	32 004	32 543	33 568	33 659	37 674	38 473	39 885
Salt <b>s</b>	kt	9 492	9 233	10 438	10 618	12 254	11 467	11 269
Silver in mine products <b>s</b>	t	2 021	2 106	1 892	2 056	2 303	2 218	1 674
Tin in mine products <b>s</b>	t	10 016	8 173	6 328	1 512	1 650	1 805	2 061
Titanium minerals								
Ilmenite	kt	2 095	1 847	2 072	1 911	1 993	2 185	2 403
Rutile	kt	205	204	204	152	173	184	277
Synthetic rutile <b>s</b>	kt	650	612	673	696	751	711	721
Titanium dioxide pigment <b>s</b>	kt	181	186	189	196	204	208	206
Uranium	t	9 549	7 823	9 172	9 569	10 964	9 974	9 594
Zinc in mine products <b>s</b>	kt	1 483	1 490	1 529	1 355	1 352	1 380	1 378
Zircon concentrate	kt	377	389	459	448	432	442	565

**s** ABARE estimate.

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

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

	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
	\$m	\$m	\$m	\$m	\$m	\$m
Coal						
Black	11 621	14 525	12 724	11 566	17 720	26 528
Brown	520	533	534	531	843	851
Construction materials	871	1 221	1 317	1 396	1 539	1 622
Copper ore and concentrate <b>b</b>	2 303	2 509	2 260	2 542	3 777	4 679
Diamonds	634	506	788	520	468	681
Gemstones						
Opals	98	85	71	60	64	57
Sapphires	12	6	3	1	0	2
Gold bullion <b>b</b>	1 189	4 679	5 046	4 731	4 635	5 491
Iron ore and concentrate <b>b</b>	4 938	5 235	5 298	5 359	8 330	13 155
Lead ore and concentrate <b>b</b>	849	623	502	654	830	1 028
Manganese ore and concentrate <b>b</b>	210	267	275	282	479	478
Nickel ore and concentrate <b>b</b>	1 865	2 034	2 528	3 139	3 613	3 974
Petroleum						
Crude oil and condensate	} 12 127	16 068	16 063	14 243	18 769	23 325
LPG (naturally occurring)						
Natural gas and ethane						
Salt	264	273	260	211	222	237
Tin ore and concentrate <b>b</b>	176	65	45	14	13	15
Titanium minerals						
Ilmenite	169	131	145	93	80	na
Rutile	117	119	106	99	63	na
Uranium	423	378	308	382	463	433
Zinc ore and concentrate <b>b</b>	1 768	2 187	1 927	1 846	2 059	3 843
Zircon concentrate	202	226	329	256	297	327
<b>Total c</b>	52 270	54 782	53 181	50 773	67 441	91 769

<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. **b** 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. **c** Includes components shown as not available. Data based on ABS mining collection (equivalent to ANZSIC subdivisions 11 - 13). **na** Not available.  
Sources: ABS, *Mining 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 Wales	Victoria	Queensland	Western Australia	South Australia	Tasmania	Northern Territory	Australia
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
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 <b>b</b>
1984	2 707	6 652	2 892	3 170 <b>c</b>	782	237	697	17 457 <b>b</b>
1985	2 959	8 514	4 020 <b>d</b>	4 310 <b>c</b>	1 165	269 <b>e</b>	620	22 108 <b>b</b>
1986	3 151	5 131	4 185	5 096 <b>c</b>	1 016	336	805	19 720 <b>b</b>
1987	3 249	5 471	4 277	5 834	991	300	1 085	21 207 <b>b</b>
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 <b>f</b>	1 182	21 063 <b>g</b>
1989-90	4 524	4 019 <b>h</b>	5 381	8 819	1 231	496	1 663	26 133 <b>h</b>
1990-91	3 751	na <b>i</b>	4 961	9 761	na <b>i</b>	355	1 866	26 293
1991-92	3 721	na <b>i</b>	4 981	9 994	na <b>i</b>	361	1 493	25 985
1992-93	3 817	na <b>i</b>	5 519	10 286	na <b>i</b>	310	1 350	26 721
1993-94	3 863	na <b>i</b>	5 134	10 231	na <b>i</b>	327	1 028	25 702
1994-95	3 867	na <b>i</b>	5 283	11 835	na <b>i</b>	327	1 074	26 723
1995-96	4 027	na <b>i</b>	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	4 050	10 910	26 272	2 130	504	1 374	52 270
2001-02	7 869	4 193	13 675	23 962	1 722	577	2 784	54 782
2002-03	6 797	4 006	12 388	25 301	1 683	536	2 470	53 181
2003-04	6 706	3 933	11 740	24 046	1 756	630	1 962	50 773
2004-05	9 197	4 642	16 962	30 626	2 425	706	2 883	67 441
2005-06	11 795	5 147	26 678	39 832	3 265	1 011	4 042	91 769

<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. **b** Includes items excluded from state totals for confidentiality reasons. **c** Excludes bauxite, limestone and talc. **d** Excludes limestone and salt. **e** Excludes iron oxide, molybdenum, and tin-copper concentrate. **f** Excludes clay, dolomite, limestone, peat and silica. **g** Excludes salt and silica for Victoria and clay, dolomite, limestone, peat and silica for Tasmania. **h** Excludes salt and silica for Victoria. **i** ABS confidentiality provisions apply; data not available for publication. **na** Not available.

Sources: ABS, *Mining 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	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
Alumina	kt	15 037	16 098	16 417	16 413	16 690	17 161	17 826	18 506
Aluminium	kt	1 742	1 788	1 809	1 855	1 877	1 890	1 912	1 964
Blister copper <b>a</b>	kt	387	419	456	469	389	434	404	389
Copper	kt	477	517	561	537	458	479	461	435
Gold									
Australian origin	t	313	296	271	251	246	227	209	208
Overseas origin	t	12	16	20	65	80	76	66	55
Lead bullion <b>a</b>	kt	165	153	201	181	143	153	141	114
Lead <b>b</b>	kt	233	215	275	267	247	234	234	191
Nickel matte	kt	98	100	95	101	110	115	74	57
Nickel <b>c</b>	kt	101	121	130	129	124	127	115	118
Petroleum									
Automotive diesel oil	ML	12 737	13 212	13 064	13 335	12 544	12 822	10 154	11 055
Automotive gasoline	ML	18 652	17 886	17 999	17 984	17 375	17 913	16 528	17 732
Aviation turbine fuel	ML	5 539	5 837	5 390	5 149	4 964	5 325	5 216	5 276
Fuel oil	ML	1 839	1 951	1 684	1 441	1 105	1 092	1 048	942
Raw steel <b>d</b>	kt	8 053	8 003	8 611	9 399	9 430	7 395	7 866	8 010
Silver	t	543	532	616	672	619	722	655	618
Tin	t	602	1 039	829	708	553	445	736	321
Zinc	kt	405	534	572	570	502	464	446	496

**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 av. export unit value A\$/t	Aluminium (high grade) LME cash US\$/t	Gold London AM fix US\$/oz	Iron ore <sup>a</sup> av. export unit value A\$/t	Thermal coal av. export unit value A\$/t	Metallurgical coal av. export unit value A\$/t	Crude oil <sup>b</sup> world trade weighted average US\$/bbl	Uranium <sup>c</sup> Nuexco exch. value US\$/lb
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	1 198.85	343.69	26.91	50.00	65.38	17.74	9.68
1993-94	224.36	1 204.25	378.93	24.28	47.84	61.97	14.45	9.74
1994-95	216.31	1 763.59	384.37	21.53	44.12	55.88	16.83	10.17
1995-96	247.36	1 662.53	389.89	22.70	49.29	61.30	17.44	13.73
1996-97	236.49	1 513.46	363.82	22.94	46.49	61.18	20.30	14.12
1997-98	274.06	1 511.29	306.07	26.66	48.25	68.30	15.03	11.29
1998-99	263.13	1 276.42	285.90	28.44	44.76	64.18	12.31	10.10
1999-00	297.80	1 515.73	281.60	25.29	39.43	53.54	24.05	9.42
2000-01	354.29	1 539.00	269.45	31.16	47.78	62.51	26.82	7.88
2001-02	314.25	1 358.75	289.08	33.05	57.51	75.95	21.59	9.59
2002-03	277.97	1 360.23	334.19	29.44	44.50	69.09	26.26	10.22
2003-04	278.60	1 569.05	389.28	27.09	40.98	58.26	29.33	14.90
2004-05	311.47	1 806.85	422.49	35.54	59.55	86.12	41.18	22.20
2005-06	362.90	2 244.69	526.95	53.70	65.02	141.13	57.25	36.79
2006-07	413.41	2 692.18	638.56	60.30	60.55	113.98	59.45	81.17
	Copper (high grade) LME cash US\$/t	Lead (high grade) LME cash US\$/t	Zinc (high grade) LME cash US\$/t	Silver <sup>d</sup> London fix US\$/troy oz	Nickel LME cash US\$/t	Ilmenite <sup>e</sup> av. export unit value A\$/t	Rutile <sup>f</sup> av. export unit value A\$/t	Zircon <sup>g</sup> av. export unit value A\$/t
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	8 254.19	133.39	732.15	481.89
2000-01	1 786.51	476.14	1 049.66	466.71	7 238.96	152.06	849.08	607.62
2001-02	1 516.15	473.60	791.40	441.55	5 928.83	150.76	882.09	702.47
2002-03	1 595.11	445.04	774.77	461.00	7 666.38	132.51	767.87	633.61
2003-04	2 267.35	700.06	961.97	579.25	12 263.77	104.56	647.39	585.76
2004-05	3 151.00	964.08	1 170.95	694.94	14 957.03	99.29	717.20	746.27
2005-06	5 062.00	1 061.35	2 117.81	927.82	15 487.81	105.92	816.59	908.63
2006-07	7 102.00	1 694.20	3 672.41	1 274.16	37 924.09	112.89	845.61	861.55

<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 <sup>a</sup>

	Exports <sup>a</sup>							Imports <sup>c</sup> \$m
	Coal, coke and briquettes \$m	Other mineral fuels \$m	Metalliferous ores and other minerals <sup>b</sup> \$m	Gold \$m	Other metals \$m	Total \$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	14 275	
2001-02	13 430	10 940	15 286	6 646	10 981	57 283	13 548	
2002-03	11 987	11 049	15 361	7 648	10 958	57 002	16 082	
2003-04	11 002	8 777	15 439	7 031	11 337	53 586	15 386	
2004-05	17 236	11 151	20 537	6 472	13 151	68 548	20 872	
2005-06	24 353	13 220	29 772	9 087	14 684	91 115	29 916	
2006-07	22 021	15 568	35 945	10 738	22 199	106 472	31 699	

<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	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
Alumina	kt	11 654	12 721	13 091	13 168	13 572	14 073	14 499	15 054
Aluminium (ingot metal)	kt	1 364	1 471	1 490	1 551	1 546	1 512	1 617	1 638
Coal, black									
Metallurgical	Mt	97	106	106	108	112	125	120	132
Thermal	Mt	79	88	92	100	107	106	111	112
Copper <b>s</b>	kt	582	694	749	687	652	701	790	698
Diamonds <b>s</b>	'000 ct	51 095	25 513	25 811	32 274	24 326	32 471	25 354	24 632
Gold, refined	t	330	302	280	282	315	309	315	400
Iron and steel									
Iron ore and pellets	Mt	149	157	156	181	195	228	239	257
Iron and steel	kt	2 941	2 931	3 297	3 589	3 818	2 338	2 428	2 648
Ferroalloys	kt	48	40	45	9	8	0	2	5
Lead <b>s</b>	kt	727	672	731	735	688	782	756	635
Magnesia	t	174 854	161 236	151 760	143 372	154 620	162 763	157 342	139 787
Manganese ore and concentrate <b>s</b>	kt	1 301	1 522	1 660	2 014	2 603	3 128	3 215	4 667
Petroleum									
Crude oil and other refinery feedstock	ML	20 877	24 044	23 936	20 950	17 526	15 731	13 026	15 963
LNG <b>s</b>	Mt	8	8	8	8	8	11	12	15
LPG	ML	2 857	2 785	3 211	3 194	2 916	2 844	2 800	2 824
Refinery products	ML	4 116	4 564	3 415	3 159	2 488	1 864	2 102	1 762
Salt	kt	8 389	8 636	8 912	10 172	10 285	12 128	10 776	10 749
Silver, refined bullion	t	447	450	547	511	415	517	482	431
Tin <b>s</b>	t	9 934	9 660	8 026	5 963	143	1 529	1 556	1 867
Titanium minerals									
Ilmenite concentrate <b>a</b>	kt	1 133	1 012	914	1 020	783	633	722	999
Leucoxene	kt	41	70	60	41	125	93	86	123
Rutile concentrate	kt	179	190	190	195	146	158	169	307
Synthetic rutile <b>s</b>	kt	369	443	398	456	470	517	472	508
Titanium dioxide pigment	kt	135	140	145	147	165	175	177	171
Uranium oxide (U <sub>3</sub> O <sub>8</sub> )	t	8 025	9 722	7 367	9 593	9 099	11 249	10 253	9 519
Zinc <b>s</b>	kt	1 120	1 456	1 488	1 548	1 369	1 427	1 328	1 321
Zircon concentrate <b>b</b>	kt	374	375	388	445	443	428	438	555

**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

	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Bauxite <b>s</b>	185	196	136	159	125	123	127	153
Alumina <b>a</b>	3 471	4 507	4 114	3 660	3 781	4 383	5 262	6 224
Aluminium (ingot metal)	3 302	4 229	3 965	3 696	3 441	3 726	4 788	5 648
Coal, black								
Metallurgical	5 184	6 597	8 038	7 448	6 510	10 758	17 003	15 035
Thermal	3 114	4 204	5 294	4 448	4 372	6 336	7 206	6 762
Copper <b>b</b>	1 616	2 286	2 159	2 005	2 166	3 082	5 653	6 520
Diamonds <b>cs</b>	601	634	512	838	596	683	836	726
Gems, other than diamonds	83	99	82	74	64	61	59	48
Gold, refined	4 803	4 887	4 950	5 133	5 510	5 523	7 089	10 320
Iron and steel								
Iron ore and pellets	3 779	4 903	5 160	5 342	5 277	8 120	12 854	15 519
Iron and steel	1 265	1 484	1 484	1 855	2 004	2 031	1 674	1 743
Lead <b>b</b>	607	637	729	657	728	1 041	1 296	1 579
Magnesia	45	53	56	52	51	54	75	66
Manganese ore and concentrate <b>s</b>	185	261	299	312	371	473	424	482
Nickel <b>s</b>	1 862	2 308	2 022	2 337	3 107	3 743	3 457	8 377
Petroleum								
Crude oil and other refinery feedstock	5 292	8 137	6 390	6 402	5 055	6 330	6 638	8 318
LNG	1 949	2 671	2 613	2 607	2 174	3 199	4 416	5 222
LPG	648	830	721	855	647	804	1 002	1 038
Refinery products	1 202	1 844	1 234	1 198	918	844	1 195	1 098
Salt	221	253	267	233	186	226	229	239
Silver <b>d</b>	129	142	163	136	118	161	197	221
Tin <b>b</b>	70	76	49	38	1	8	12	25
Titanium minerals								
Ilmenite concentrate <b>e</b>	151	154	138	135	82	63	76	113
Leucoxene concentrate	16	21	23	16	33	25	25	35
Rutile concentrate	131	161	167	149	94	114	138	259
Synthetic rutile <b>s</b>	226	313	296	293	253	306	321	361
Titanium dioxide pigment	404	494	460	428	399	422	441	408
Uranium oxide (U <sub>3</sub> O <sub>8</sub> )	367	497	361	427	364	475	546	660
Zinc <b>b</b>	1 233	1 882	1 529	1 427	1 234	1 466	2 540	4 306
Zircon concentrate <b>f</b>	180	228	272	282	260	319	398	478
Other mineral resources	3 173	3 050	3 655	4 410	3 714	3 700	5 212	4 549
Total mineral resources <b>g</b>	45 498	58 006	57 283	57 002	53 586	68 548	91 115	106 472

**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>

	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Africa	112	117	113	113	119	164	231	180
Americas								
United States	647	661	569	641	485	742	1 931	1 227
Other	299	407	408	364	388	404	544	582
Asia								
China	525	777	575	739	1 046	1 213	1 498	1 626
Chinese Taipei	1 466	1 539	1 494	1 617	1 897	1 953	2 566	2 599
Hong Kong, China	1 038	1 191	1 200	801	844	1 021	1 668	1 088
India	353	469	569	669	816	785	921	1 195
Japan	9 202	9 436	9 307	9 355	9 176	9 077	10 545	10 008
Korea, Rep. of	2 063	2 545	2 952	3 306	4 708	5 241	4 520	4 420
Singapore	1 875	2 549	1 875	2 161	1 815	1 595	1 918	1 693
Other	1 979	1 945	2 130	2 438	2 627	2 610	2 106	1 821
Europe								
France	381	294	263	262	260	265	294	380
Germany	384	328	336	370	398	406	478	416
Netherlands	442	441	354	368	178	156	279	347
United Kingdom	714	783	1 243	498	791	581	1 097	2 456
Other European Union	761	805	741	803	894	908	1 173	1 306
Other Europe	328	268	225	209	478	237	1 000	332
Oceania								
New Zealand	350	445	492	520	700	818	739	719
Other	384	406	382	398	495	549	511	407
Other	4 316	4 001	4 160	4 205	5 615	4 868	5 448	5 560
Total	27 618	29 406	29 389	29 838	33 728	33 594	39 465	38 360
	<b>1999-00</b>	<b>2000-01</b>	<b>2001-02</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Africa	153	263	364	415	440	409	631	574
Americas								
United States	1 798	2 109	1 585	1 435	1 141	1 167	1 021	1 034
Other	564	676	827	900	592	660	549	288
Asia								
China	2 036	2 769	2 990	3 569	4 550	6 789	10 970	13 195
Chinese Taipei	2 956	4 039	3 159	2 653	2 162	3 165	4 100	4 710
Hong Kong, China	996	1 256	1 365	980	746	768	908	1 064
India	949	1 305	1 732	1 981	4 091	5 156	6 421	8 838
Japan	11 337	15 034	14 855	14 355	12 533	16 963	23 870	24 967
Korea, Rep. of	4 647	5 958	6 162	5 743	5 175	6 211	8 350	9 561
Singapore	3 259	4 060	2 802	2 790	1 540	1 629	2 391	2 932
Other	2 287	2 786	2 807	2 637	3 082	5 064	5 814	7 823
Europe								
France	309	443	521	427	348	479	683	701
Germany	383	421	381	325	297	334	492	540
Netherlands	463	795	766	644	626	913	1 555	1 628
United Kingdom	1 537	1 469	2 009	2 852	1 857	1 780	3 543	2 822
Other European Union	1 172	1 452	1 743	1 402	1 365	1 714	2 662	3 662
Other Europe	185	155	91	186	124	179	209	1 171
Oceania								
New Zealand	858	989	1 207	1 102	941	1 528	1 154	1 689
Other	550	860	525	516	369	469	740	610
Other	6 815	8 201	8 261	7 214	6 477	7 563	10 458	12 247
Total	43 253	55 040	54 151	52 125	48 456	62 941	86 523	100 055

<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	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
Clays	kt	66	57	50	61	47	68	63
Diamonds <b>a</b>	'000 ct	2 598	2 431	3 218	2 229	2 168	4 098	3 430
Iron and steel								
Iron ore and pellets <b>b</b>	kt	4 658	3 880	4 667	5 417	4 648	5 026	4 722
Iron and steel	kt	896	1 354	1 306	1 583	2 116	2 191	2 317
Ferroalloys	kt	46	46	51	57	60	57	87
Limestone	kt	665	595	582	547	473	475	567
Magnesium	kt	6	6	6	9	7	8	8
Petroleum								
Crude oil and other refinery feedstock	ML	26 489	27 308	27 958	23 498	26 054	24 416	25 341
Other refinery products <b>s</b>	ML	4 746	4 655	5 497	10 542	11 188	15 124	18 268
Phosphate rock	kt	823	933	711	723	797	655	469
Platinum and platinum group metals	kg	2 158	1 652	2 319	2 984	2 391	2 097	4 571
Potassium fertiliser	kt	346	417	433	447	497	404	309
Sulphur	kt	53	16	56	25	55	33	37

**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

	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Clays	25	23	14	19	16	17	16
Diamonds <b>a</b>	249	255	302	309	347	403	397
Gold <b>b</b>	1 686	2 207	2 957	2 559	2 462	4 800	5 309
Iron and steel							
Iron ore and pellets <b>c</b>	122	104	114	140	145	222	338
Iron and steel	923	1 099	1 226	1 353	2 041	2 075	2 479
Ferroalloys	58	60	59	71	137	123	116
Limestone	11	10	9	9	7	7	8
Magnesium	15	14	15	21	17	16	20
Petroleum							
Crude oil and other refinery feedstock	8 753	7 458	8 610	6 594	9 995	12 820	13 361
Other refinery products <b>s</b>	1 845	1 625	2 050	3 595	5 123	8 761	8 584
Phosphate rock	62	72	50	41	49	42	32
Platinum and platinum group metals	30	42	64	86	59	70	186
Potassium fertiliser	91	117	108	94	106	112	86
Silver	16	32	35	70	30	33	98
Sulphur	37	30	45	59	47	45	34
Total	14 772	14 502	18 054	18 816	25 852	38 487	40 023

**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.