

Australian commodities

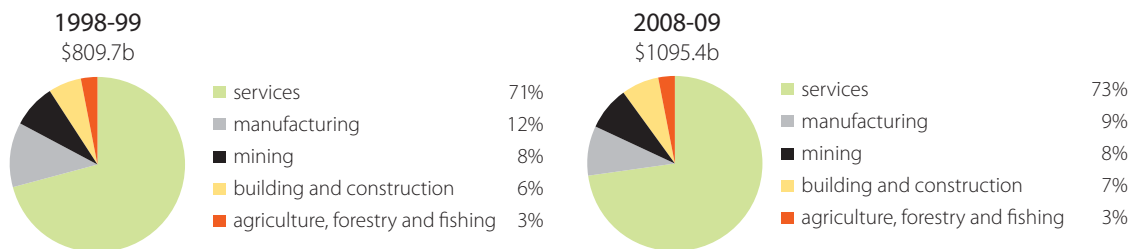
Statistical tables



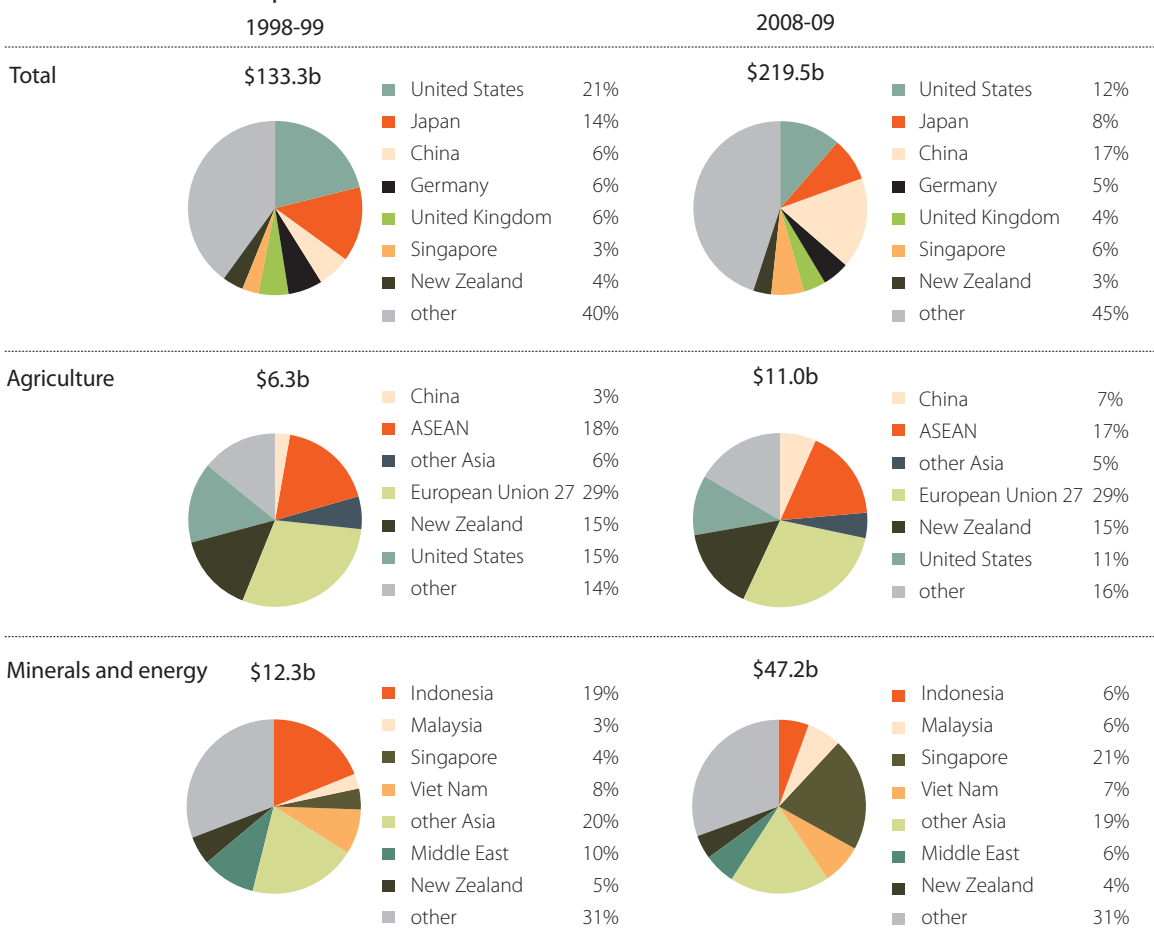
GDP, imports

Contribution to GDP

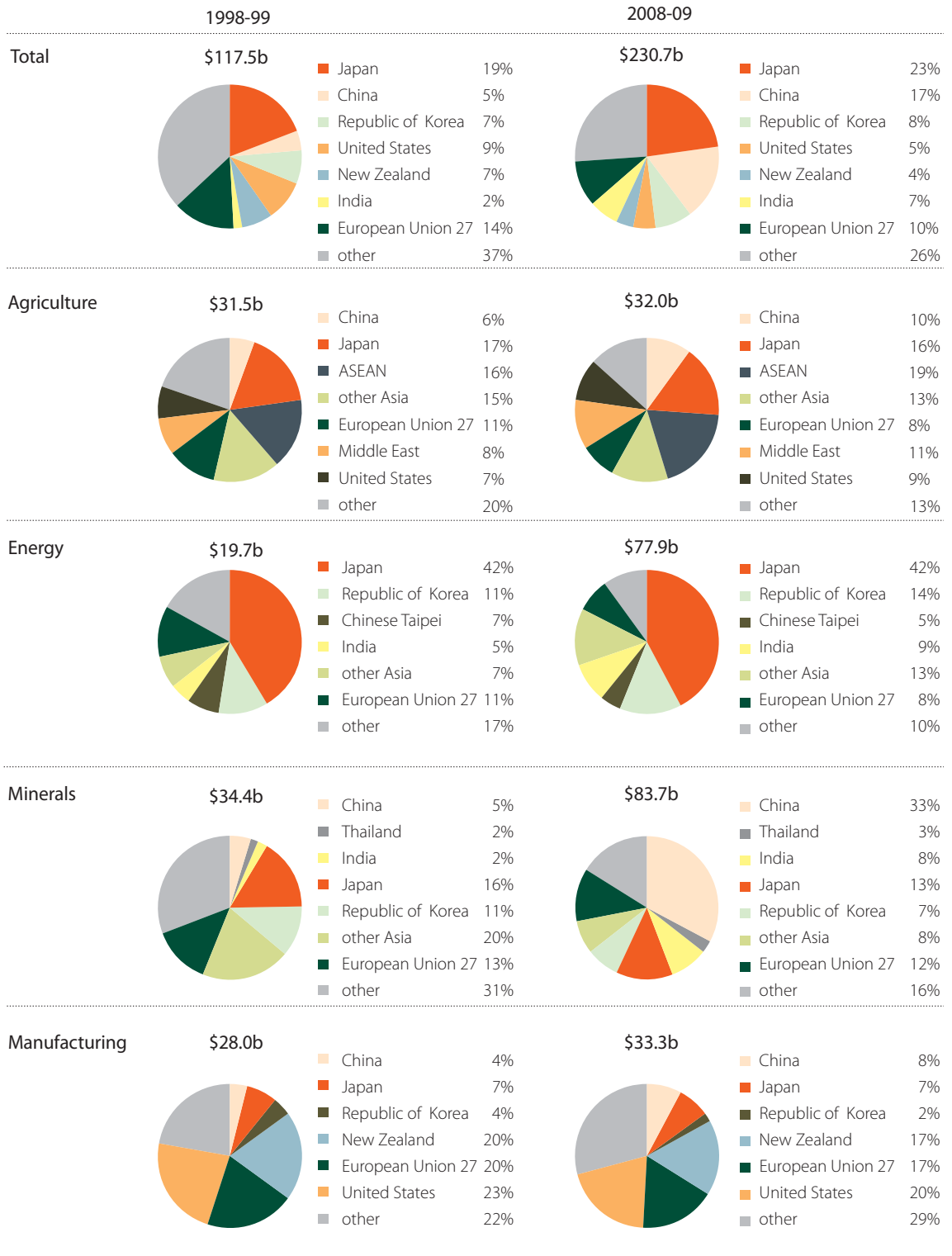
Australia reference year 2008-09



Share of Australian imports in 2008-09 dollars



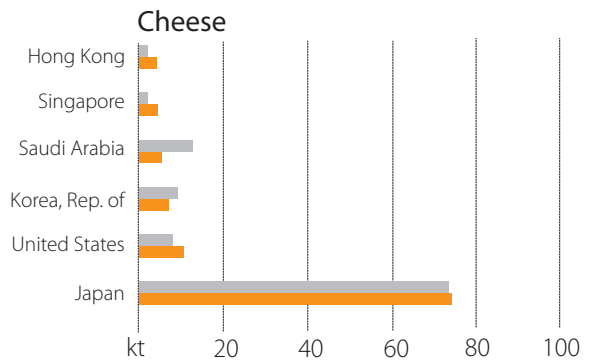
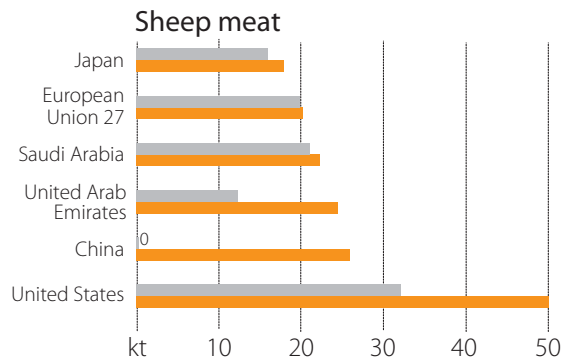
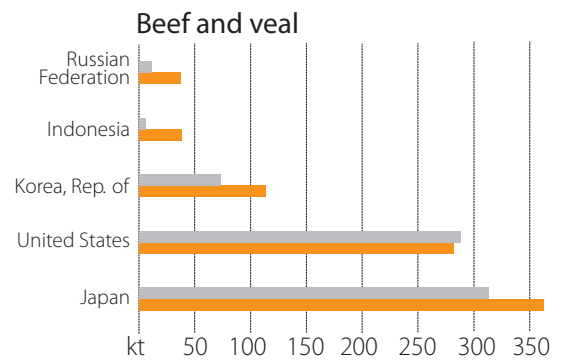
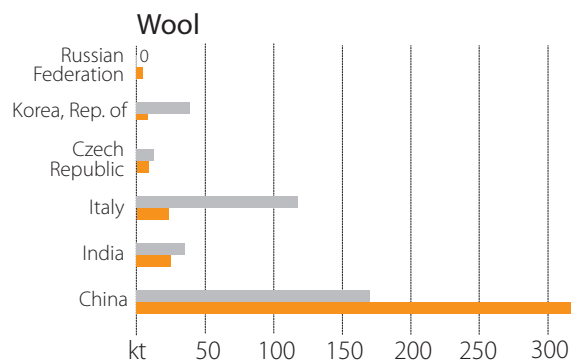
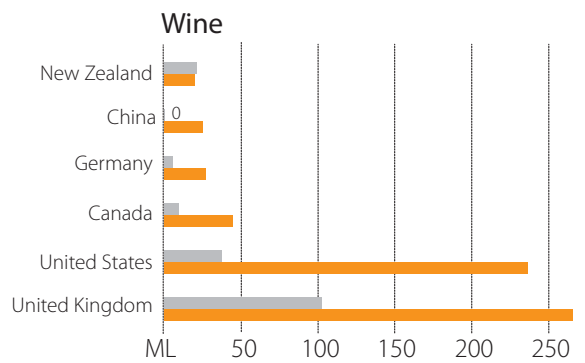
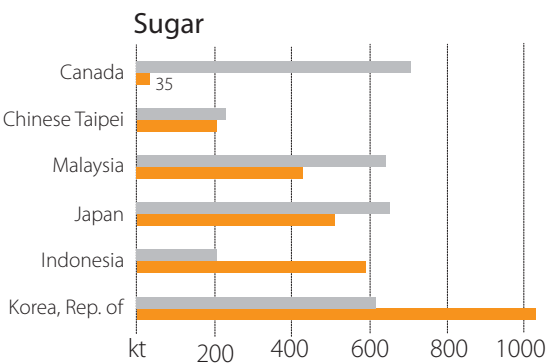
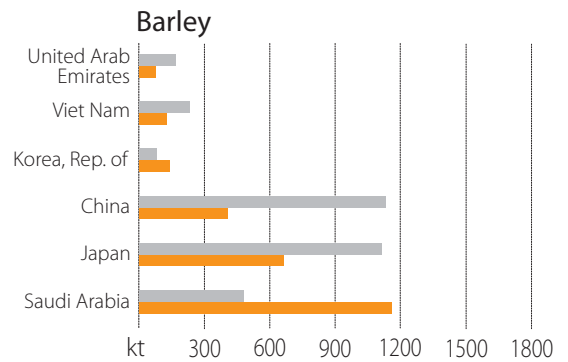
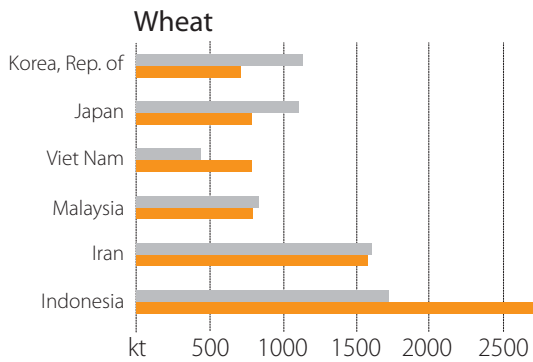
Markets for Australian exports in 2008-09 dollars



Agriculture

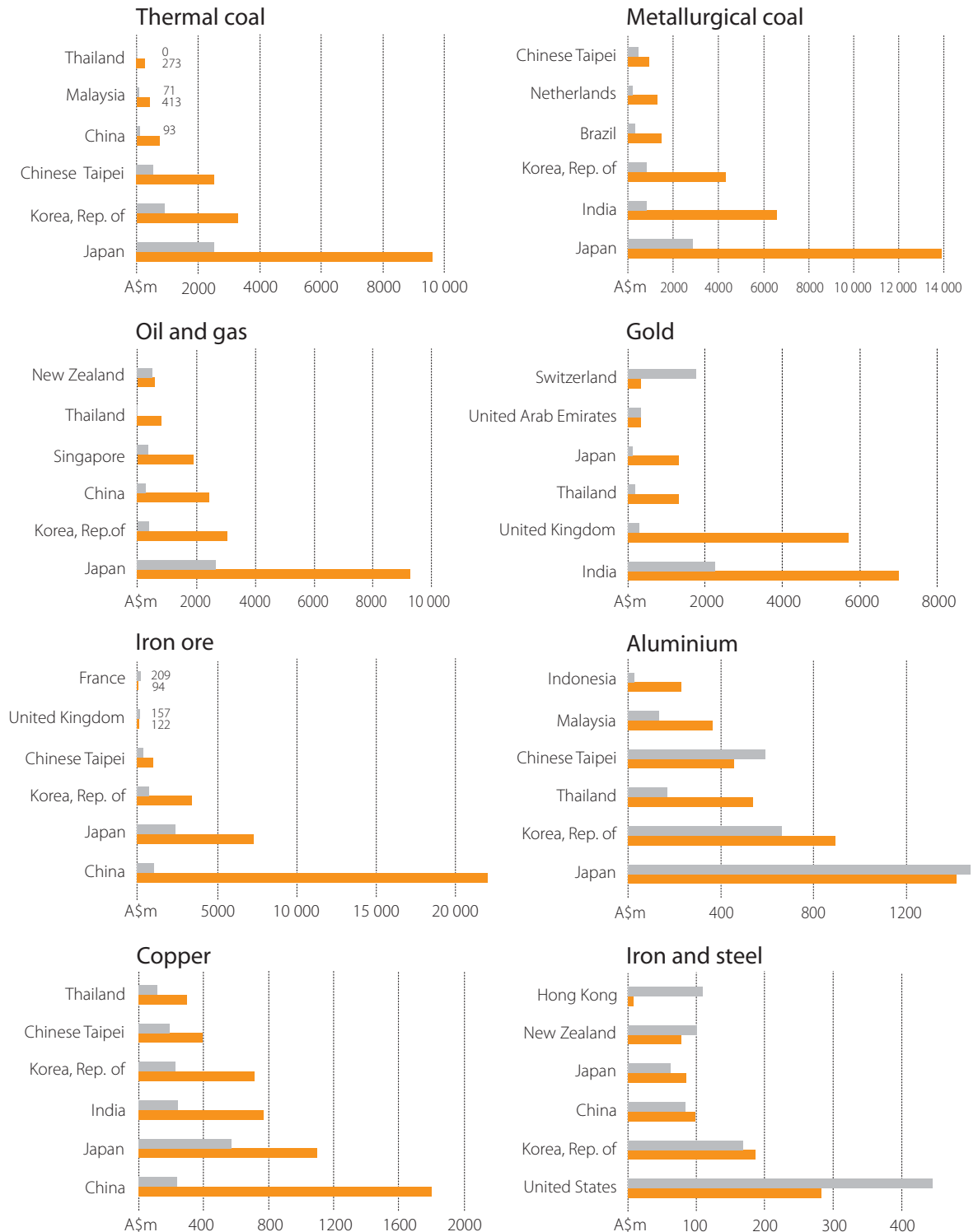
Principal markets for Australian agricultural exports

2008-09 1998-99



Principal markets for Australian mineral and energy exports

in 2008-09 dollars



1 Indexes of prices received by farmers
Australia

	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 f
Crops sector							
Grains							
Winter crops							
barley	105.9	100.1	93.9	153.3	196.9	151.9	120.7
canola	104.4	84.5	86.5	102.8	140.7	106.2	86.9
lupins	120.4	105.2	99.8	135.8	171.0	94.3	138.1
oats	101.1	98.1	107.8	176.6	205.7	144.6	133.7
wheat	109.1	99.6	102.5	122.4	197.2	168.3	128.0
Summer crops							
sorghum	93.8	79.4	84.6	126.1	152.4	126.5	125.2
Total grains a	105.2	95.8	97.2	126.9	182.3	148.1	118.8
Cotton	88.2	87.0	85.0	86.2	87.3	95.5	97.6
Sugar	76.3	84.1	90.9	105.0	80.6	90.7	136.2
Hay	125.0	128.0	143.7	151.8	165.1	169.2	172.6
Fruit	123.9	114.3	127.6	169.8	136.9	140.3	143.1
Vegetables	124.6	122.2	137.3	145.0	157.7	161.7	164.9
Total crops sector	106.9	99.9	103.3	123.2	137.7	123.8	114.9
Livestock sector							
Livestock for slaughter							
cattle	160.4	177.2	181.3	174.3	164.6	170.1	166.1
lambs b	190.1	184.5	177.7	165.7	165.9	213.0	205.7
sheep	230.3	196.1	202.7	156.4	178.5	225.8	295.4
live sheep for export	178.0	164.1	176.1	179.1	180.7	214.2	216.9
pigs	109.4	117.8	115.6	124.8	120.7	180.8	157.8
poultry	97.7	91.9	83.5	84.5	109.4	111.5	149.2
total	149.2	157.4	157.5	152.6	152.1	168.1	171.5
Livestock products							
wool	116.5	107.4	97.7	115.5	127.9	126.7	135.7
milk	93.4	105.7	111.0	111.1	166.1	142.1	113.9
eggs	89.2	85.4	86.3	95.2	100.3	105.3	115.8
total	101.6	104.6	104.0	111.5	146.4	133.3	121.1
Store and breeding stock	149.3	157.4	157.6	152.6	152.1	168.1	171.6
Total livestock sector	129.3	135.4	135.2	135.1	147.4	152.7	150.6
Total prices received	117.0	115.9	117.7	127.8	141.2	135.9	129.9

a Total for the group includes commodities not separately listed. b Lamb saleyard indicator weight 18-20kg to 2002-03, 18-22kg from 2003-04. s ABARE estimate. f ABARE forecast.

Note: 1 ABARE revised the method for calculating these indexes in October 1999. The indexes for commodity groups are calculated on a chained weight basis using Fisher's ideal index with a reference year of 1997-98 = 100. Indexes for most individual commodities are based on annual gross unit value of production. 2 Prices used in these calculations exclude GST.

Source: ABARE.

2 Indexes of prices paid by farmers, and terms of trade

Australia

	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 f
Farmers' terms of trade a	95.2	91.7	91.0	94.1	91.0	91.0	89.8
Materials and services							
Seed, fodder and livestock							
fodder and feedstuffs	148.3	140.4	126.4	151.0	195.7	173.8	151.5
seed, seedlings and plants	104.9	95.3	93.8	109.5	135.2	124.6	113.7
store and breeding stock	144.0	159.5	157.6	152.6	153.0	164.7	159.3
total	142.0	140.3	130.8	146.7	178.3	165.7	148.8
Chemicals	110.0	111.9	114.6	124.7	149.7	136.7	123.0
Electricity	100.0	101.3	104.6	107.6	111.3	120.8	134.6
Fertiliser	102.8	108.8	111.6	121.4	220.4	231.3	173.4
Fuel and lubricants	144.3	167.2	210.6	208.3	243.7	211.0	220.4
Total	125.3	128.7	130.9	140.2	170.9	164.8	152.6
Labor	121.6	125.7	129.7	133.5	138.0	143.1	147.4
Marketing	118.7	121.5	125.4	129.1	143.2	137.1	143.3
Overheads							
Insurance	128.8	131.9	135.1	139.4	143.5	155.6	168.7
Interest paid	118.1	120.9	123.8	127.8	142.6	116.7	111.1
Rates and taxes	121.9	124.8	128.9	132.7	137.3	141.5	144.7
Other overheads	118.1	121.0	124.8	128.5	132.8	137.1	140.4
Total	120.6	123.5	126.8	130.8	141.8	126.6	124.3
Capital items	121.3	124.4	128.4	132.3	136.8	141.1	144.6
Total prices paid	123.0	126.3	129.4	135.8	155.2	149.4	144.6
Excluding capital items	123.1	126.5	129.4	136.1	157.4	150.4	144.7
Excluding capital and overhea	123.7	127.2	129.9	137.5	161.7	157.4	150.6
Excluding seed, fodder and store and breeding stock	119.2	123.6	129.2	133.6	150.3	145.9	143.6

a Ratio of index of prices received by farmers and index of prices paid by farmers. s ABARE estimate. f ABARE forecast.

Note: 1 ABARE revised the method for calculating these indexes in October 1999. The indexes for commodity groups are calculated on a chained weight basis using Fisher's ideal index with a reference year of 1997-98 = 100. 2 Prices used in these calculations exclude GST.

Sources: Australian Bureau of Statistics; ABARE.

Costs and returns

3 Farm costs and returns Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 f
Costs							
Materials and services							
chemicals	\$m	1 691	1 749	1 545	1 902	1 733	1 575
fertiliser	\$m	1 851	1 843	1 659	3 036	3 217	2 437
fuel and lubricants	\$m	1 765	2 223	2 199	2 552	2 172	2 292
marketing	\$m	3 433	3 612	2 748	3 193	3 795	3 883
repairs and maintenance	\$m	2 493	2 602	2 466	3 140	3 341	3 271
seed and fodder	\$m	4 267	3 827	4 921	6 214	5 537	4 603
other	\$m	3 473	3 692	3 543	3 661	3 846	3 972
total	\$m	18 974	19 548	19 081	23 699	23 640	22 034
Labor	\$m	3 410	3 778	3 654	3 668	3 840	3 757
Overheads							
interest paid	\$m	2 306	3 249	3 848	4 901	4 331	4 455
rent and third party insurance	\$m	432	446	447	462	477	487
Total	\$m	6 148	7 473	7 950	9 031	8 647	8 699
Total cash costs	\$m	25 122	27 021	27 031	32 730	32 287	30 733
Depreciation a	\$m	4 122	4 255	4 383	4 532	4 675	4 791
Total farm costs	\$m	29 243	31 276	31 413	37 262	36 962	35 524
Returns							
Gross value of farm production	\$m	36 537	38 696	36 312	43 840	44 812	42 304
Gross farm cash income b	\$m	37 703	38 330	37 076	43 527	40 703	42 304
Net returns and production							
Net value of farm production c	\$m	7 294	7 420	4 898	6 579	7 850	6 780
Real net value of farm production d	\$m	8 405	8 285	5 314	6 903	7 987	6 780
Net farm cash income e	\$m	12 582	11 309	10 045	10 798	8 416	11 571
Real net farm cash income d	\$m	14 498	12 628	10 899	11 330	8 563	11 571

a Based on estimated movements in capital expenditure and prices of capital inputs. b Gross value of farm production less increase in farmers' assets held by marketing organisations. c Gross value of farm production less total farm costs. d In 2009-10 Australian dollars. e Gross farm cash income less total cash costs. s ABARE estimate. f ABARE forecast.

Note: Prices used in these calculations exclude GST.

Sources: Australian Bureau of Statistics; ABARE.

4 Unit export returns Australia

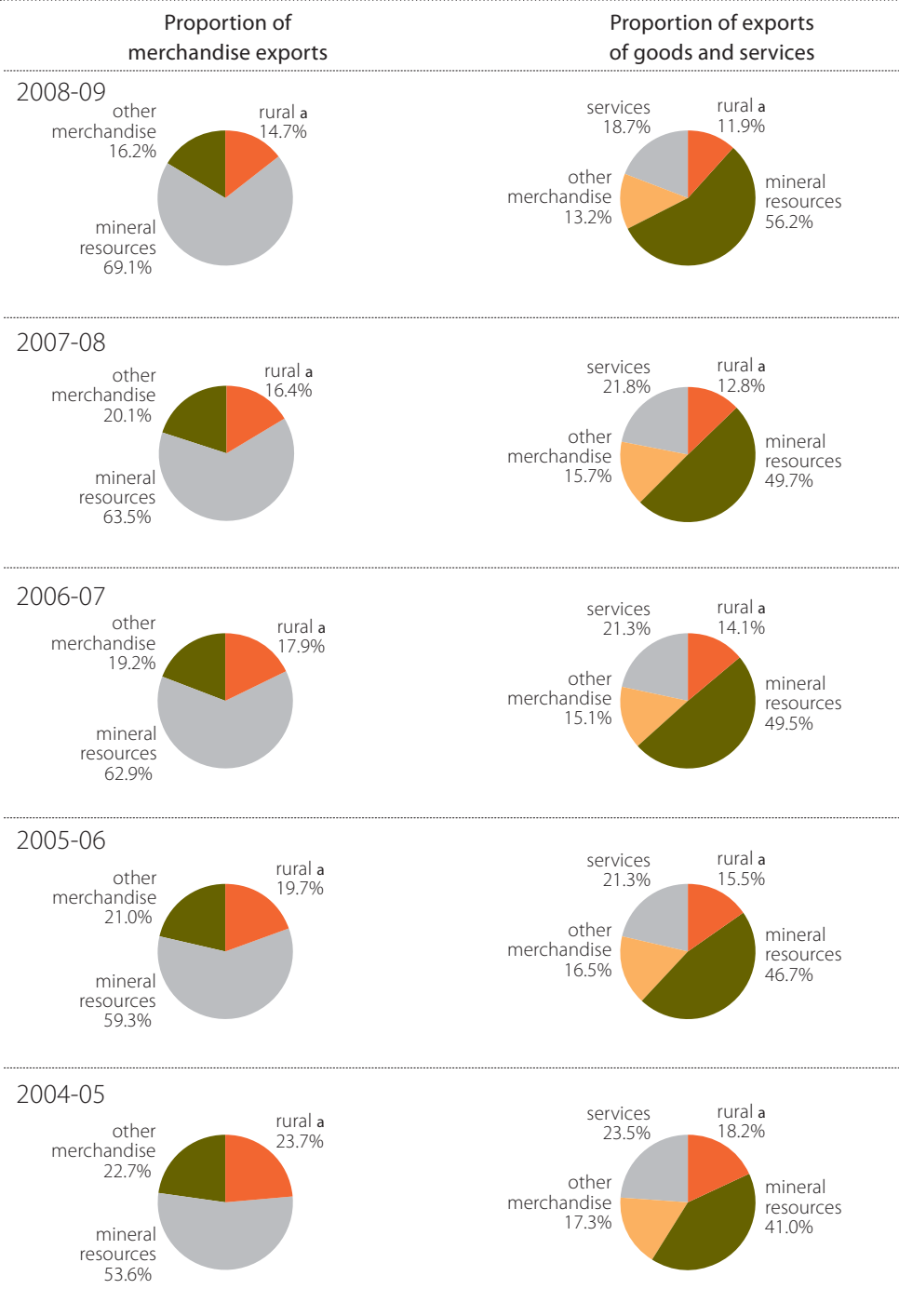
Annual indexes a	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 f		
Farm	106.0	105.1	104.5	109.8	121.8	122.6	114.3		
Energy minerals	120.2	166.1	226.0	206.6	235.8	398.2	247.4		
Metals and other minerals	106.1	125.4	162.1	203.4	200.6	225.9	192.5		
Total mineral resources	111.7	141.2	186.8	205.5	214.8	290.7	214.0		
Total commodities	110.2	129.9	160.4	174.8	184.4	238.3	182.1		
	2007-08	2008-09		2009-10					
Quarterly indexes b	June	Sep.	Dec.	Mar.	June p	Sep. s	Dec. f	Mar. f	June f
Farm	124.8	128.7	138.3	114.8	105.1	108.4	114.3	114.4	114.4
Energy minerals	328.5	432.6	530.0	433.9	292.7	258.8	244.7	259.4	286.8
Metals and other minerals	234.2	249.3	272.5	251.7	205.2	198.5	209.5	207.8	218.0
Total mineral resources	270.9	318.9	369.9	321.4	240.1	222.8	224.0	228.6	245.1
Total commodities	219.6	253.2	290.8	251.3	194.1	180.7	183.6	189.0	202.1

a In Australian dollars. Base: 1989-90 = 100. b In Australian dollars. Base: 1994-95 = 100. p Preliminary. s ABARE estimate. f ABARE forecast.

Source: ABARE.

5 Contribution to exports by sector, balance of payments basis

Australia



a Includes farm, forest and fisheries products.

Sources: Australian Bureau of Statistics; ABARE.

6 Annual exports summary, balance of payments basis

Australia

	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 f
	\$m	\$m	\$m	\$m	\$m	\$m
At current prices						
Rural						
Cereal grains and products	5 160	4 852	4 171	4 975	6 881	6 077
Sugar and honey	1 296	1 765	1 671	1 158	1 517	1 845
Meat and meat preparations	6 933	6 709	7 080	6 542	7 454	6 954
Wool and sheepskins	2 837	2 539	3 065	2 796	2 322	2 250
Other rural a	14 082	14 566	14 413	14 500	15 738	14 640
Total	30 308	30 431	30 400	29 971	33 912	31 765
Mineral resources						
Coal, coke and briquettes	17 240	24 352	21 928	24 599	54 916	33 301
Other mineral fuels	11 154	13 220	15 641	18 889	20 711	18 291
Metalliferous ores and other minerals bs	20 535	29 772	36 041	41 964	52 563	45 506
Gold	6 472	9 087	10 740	12 272	17 507	17 406
Other metals cs	13 159	14 863	22 330	18 453	14 292	13 113
Total s	68 561	91 294	106 680	116 177	159 989	127 617
Total commodities sector s	98 869	121 725	137 080	146 148	193 901	159 381
Other merchandise s	28 943	32 310	32 444	36 804	37 505	na
Total merchandise s	127 812	154 035	169 524	182 952	231 406	na
Services	39 289	41 641	45 956	50 645	53 287	na
Total goods and services	167 101	195 676	215 480	233 597	284 693	na
Chain volume measures d						
Rural						
Cereal grains and products	8 673	8 168	6 196	4 975	7 322	8 246
Sugar and honey	1 371	1 317	1 240	1 158	1 080	1 101
Meat and meat preparations	6 366	6 220	6 771	6 543	6 630	6 507
Wool and sheepskins	3 448	3 271	3 454	2 796	2 545	2 314
Other rural a	14 134	15 194	15 212	14 500	15 763	16 668
Total	33 992	34 170	32 873	29 972	33 340	34 835
Mineral resources						
Coal, coke and briquettes	22 699	22 473	23 748	24 599	25 173	27 610
Other mineral fuels	16 523	15 725	18 910	18 890	19 750	21 525
Metalliferous ores and other minerals bs	34 603	37 048	37 258	41 964	42 754	48 601
Gold	10 518	11 636	11 906	12 272	13 583	12 842
Other metals cs	22 169	22 419	22 451	18 453	18 880	17 109
Total s	106 512	109 300	114 273	116 178	120 139	127 687
Total commodities sector s	140 504	143 471	147 147	146 149	153 479	162 522
Other merchandise s	26 682	27 675	29 878	36 803	33 835	na
Total merchandise s	167 186	171 146	177 025	182 952	187 314	na
Services	42 579	43 977	47 242	50 645	51 578	na
Total goods and services	211 403	216 254	224 872	233 598	238 890	na

a Includes other farm, forest and fisheries products. Includes exports of wine and of paper and paperboard, which are not included in this balance of payments item by the ABS. **b** Includes diamonds, which are not included in this balance of payments item by the ABS. **c** Includes ABARE estimates for steel and nickel which were confidentialised by the ABS. **d** For a description of chain volume measures, see ABS, *Introduction of chain volume measures*, in the Australian National Accounts, cat. no. 5248.0, Canberra. Reference year is 2007-08. **s** ABARE estimate. **f** ABARE forecast. **na** Not available.

Sources: ABS, *Balance of Payments and International Investment Position, Australia*, cat. no. 5302.0, Canberra; ABARE.

7 Quarterly exports summary, balance of payments basis

Australia

	2007-08		2008-09			2009-10			
	June \$m	Sep. \$m	Dec. \$m	Mar. \$m	June p \$m	Sep. p \$m	Dec. s \$m	Mar. f \$m	June f \$m
At current prices									
Rural									
Cereal grains and products	1 829	1 362	1 399	2 231	1 889	1 375	1 464	1 674	1 563
Sugar and honey	267	404	407	274	432	664	517	295	369
Meat and meat preparations	1 789	1 787	2 241	1 702	1 724	1 598	1 744	1 771	1 841
Wool and sheepskins	656	535	702	560	525	384	663	589	614
Other rural a	3 755	3 804	4 247	3 887	3 799	3 630	3 791	3 421	3 798
Total	8 296	7 892	8 996	8 654	8 369	7 652	8 178	7 750	8 184
Mineral resources									
Coal, coke and briquettes	9 299	14 191	18 303	12 707	9 715	8 692	7 893	7 717	8 999
Other mineral fuels	5 393	6 054	6 508	4 510	3 639	4 204	4 752	4 642	4 693
Metalliferous ores and other minerals bs	12 791	14 657	14 081	12 868	10 957	10 966	10 994	11 218	12 327
Gold	3 044	4 027	4 283	5 754	3 443	3 045	4 612	4 954	4 795
Other metals cs	4 614	4 183	3 991	2 967	3 152	3 243	3 167	3 177	3 527
Total s	35 141	43 112	47 165	38 806	30 906	30 150	31 418	31 708	34 341
Total commodities sector s	43 437	51 004	56 161	47 460	39 275	37 802	39 596	39 458	42 525
Other merchandise s	9 869	10 302	10 667	8 390	8 147	8 260	na	na	na
Total merchandise s	53 306	61 306	66 828	55 850	47 422	46 062	na	na	na
Services	12 912	13 155	13 615	13 599	12 918	13 720	na	na	na
Total goods and services	66 218	74 461	80 443	69 449	60 340	59 782	na	na	na
Chain volume measures d									
Rural									
Cereal grains and products	1 592	1 212	1 250	2 510	2 350	1 747	1 968	2 321	2 210
Sugar and honey	250	344	259	183	294	396	308	176	220
Meat and meat preparations	1 758	1 618	1 805	1 538	1 669	1 603	1 649	1 594	1 661
Wool and sheepskins	679	565	675	649	656	471	655	587	602
Other rural a	3 755	3 774	3 808	3 852	4 329	4 166	4 271	3 904	4 326
Total	8 034	7 513	7 797	8 732	9 298	8 383	8 852	8 581	9 019
Mineral resources									
Coal, coke and briquettes	6 476	6 672	6 453	5 502	6 546	7 104	7 130	6 658	6 718
Other mineral fuels	4 586	4 667	5 366	4 915	4 802	5 052	5 927	5 342	5 204
Metalliferous ores and other minerals bs	10 564	10 916	10 566	10 027	11 244	11 425	12 067	12 419	12 690
Gold	2 933	3 824	3 341	3 808	2 610	2 423	3 339	3 601	3 479
Other metals cs	5 008	4 386	4 976	4 671	4 847	4 224	4 118	4 172	4 595
Total s	29 567	30 465	30 702	28 924	30 049	30 228	32 580	32 193	32 686
Total commodities sector s	37 601	37 977	38 499	37 656	39 347	38 611	41 432	40 774	41 706
Other merchandise s	9 375	9 642	8 874	7 287	8 032	8 604	na	na	na
Total merchandise s	46 976	47 619	47 373	44 943	47 379	47 215	na	na	na
Services	12 740	12 821	13 179	13 168	12 410	13 137	na	na	na
Total goods and services	59 681	60 439	60 552	58 111	59 788	60 352	na	na	na

a Includes other farm, forest and fisheries products. Includes exports of wine and of paper and paperboard, which are not included in this balance of payments item by the ABS. **b** Includes diamonds, which are not included in this balance of payments item by the ABS. **c** Includes ABARE estimates for steel and nickel which were confidentialised by the ABS. **d** For a description of chain volume measures, see ABS, *Introduction of chain volume measures*, in the Australian National Accounts, cat. no. 5248.0, Canberra. Reference year is 2007-08. **p** Preliminary. **s** ABARE estimate. **f** ABARE forecast. **na** Not available.

Sources: ABS, *Balance of Payments and International Investment Position*, Australia, cat. no. 5302.0, Canberra; ABARE.

8 Industry gross value added^a
Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09
Agriculture, forestry and fishing						
agriculture	\$m	26 328	27 123	21 899	23 616	26 874
forestry and fishing	\$m	1 259	1 275	1 253	1 286	1 304
total	\$m	27 362	28 147	23 152	24 901	28 178
Mining						
mining (excludes services to mining)	\$m	69 622	70 455	75 739	77 021	78 953
services to mining	\$m	5 152	5 161	5 677	6 363	6 137
total	\$m	74 793	75 613	81 416	83 384	85 090
Manufacturing						
food, beverage and tobacco	\$m	19 812	19 668	19 847	19 769	19 804
textile, clothing, footwear and leather	\$m	3 380	3 153	3 102	2 961	2 567
wood and paper products	\$m	7 331	7 044	6 875	6 591	6 161
printing, publishing and recorded media	\$m	10 600	10 400	10 645	10 949	10 302
petroleum, coal, chemical, etc.	\$m	15 528	14 896	14 704	15 061	13 600
non-metallic mineral products	\$m	4 618	5 148	5 257	5 533	5 366
metal products	\$m	16 751	16 582	18 322	20 350	19 652
machinery and equipment	\$m	19 681	20 560	20 509	21 020	20 510
other manufacturing	\$m	4 463	4 032	4 028	4 490	4 331
total	\$m	101 845	101 319	103 293	106 724	102 290
Building and construction	\$m	63 491	68 746	72 407	77 094	79 205
Electricity, gas and water supply	\$m	21 827	22 117	21 854	21 843	22 892
Taxes less subsidies on products	\$m	79 285	80 906	83 172	85 080	84 013
Statistical discrepancy	\$m	0	0	1	- 20	5 627
Gross domestic product	\$m	982 786	1 012 269	1 045 674	1 084 451	1 095 370

^a Chain volume measures, reference year is 2007-08.

Source: ABS, Australian National Accounts: National Income, Expenditure and Product, cat. no. 5206.0, Canberra.

9 Volume of production indexes

Australia

	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 f
Farm						
Grains and oilseeds	113.2	132.8	58.2	88.2	114.8	117.6
Total crops	111.3	119.6	84.7	105.2	119.9	122.1
Livestock slaughterings	109.3	108.5	115.5	113.8	112.8	112.0
Total livestock	103.1	102.6	105.4	102.7	101.0	98.5
Total farm sector	107.8	111.5	95.3	104.8	111.5	111.3
Forestry a						
Broadleaved	126.2	121.8	123.6	132.9	120.3	127.3
Coniferous	128.9	130.5	132.0	135.0	128.7	132.7
Total forestry	127.6	126.2	127.9	133.9	124.6	130.0
Mine b						
Energy minerals	113.4	111.6	118.8	116.7	121.9	131.2
Metals and other minerals	123.5	124.2	124.2	124.7	119.9	126.3
Total minerals	118.6	118.0	121.3	120.7	121.0	129.0

a Volume of logs harvested excluding firewood. b Uranium is included with energy. s ABARE estimate. f ABARE forecast.

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

Sources: Australian Bureau of Statistics; ABARE.

10 Employment a, b

Australia

	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 p
	'000	'000	'000	'000	'000	'000
Agriculture, forestry and fishing						
agriculture	317	307	300	306	301	318
forestry and logging	9	9	8	8	8	7
commercial fishing c	16	14	12	10	14	9
total (including services)	367	357	348	350	353	358
Mining						
coal	21	23	29	27	26	34
oil and gas extraction	6	7	9	10	11	14
metal ore	37	34	42	45	46	48
other mining (including services)	31	42	49	53	62	70
total	96	105	129	135	145	167
Manufacturing						
food, beverages and tobacco	193	217	205	214	228	224
textiles, clothing, footwear and leather	65	55	56	50	50	48
wood and paper product	84	77	77	78	69	67
printing, publishing and recorded media	58	58	52	51	54	51
petroleum, coal and chemical product	100	92	88	92	98	90
non-metallic mineral product	44	36	38	36	42	39
metal product	156	138	161	161	158	155
other manufacturing	334	379	347	342	358	344
total	1 033	1 051	1 025	1 024	1 056	1 017
Other industries	8 015	8 254	8 568	8 843	9 067	9 199
Total	9 510	9 767	10 070	10 353	10 621	10 741

a Average employment over four quarters. b ANZSIC 2006. c Includes aquaculture and fishing. p Preliminary.

Source: ABS, Labour Force, Australia, cat. no. 6291.0, Canberra.

11 Business income

Australia

	2004-05	2005-06	2006-07	2007-08	2008-09
	\$m	\$m	\$m	\$m	\$m
Farm					
Net value of farm production	7 294	7 420	4 898	6 579	7 850
Company profits in selected industries a					
Mining	18 257	36 432	40 311	40 184	67 402
Manufacturing					
food, beverages and tobacco	5 207	5 237	4 532	5 757	6 166
textiles, clothing, footwear and leather	471	481	548	501	245
wood and paper product	1 106	988	1 085	1 184	729
printing, publishing and recorded media	608	528	578	620	170
petroleum, coal and chemical product	4 555	5 074	3 859	6 192	2 484
non-metallic mineral product	952	1 240	1 108	1 359	978
metal product	5 635	5 234	10 004	7 924	2 761
machinery and equipment	2 641	2 572	1 640	1 937	2 745
other manufacturing	651	603	762	851	637
total	21 826	21 957	24 116	26 325	16 915
Other industries (including services)	99 195	81 476	88 238	95 403	72 329
Total (including services)	139 278	139 865	152 665	161 912	156 646

a Company profits before income tax, based on ANZSIC 2006. na Not available.

Sources: ABS, *Australian National Accounts: National Income, Expenditure and Product*, cat. no. 5206.0, Canberra; ABS, *Company Profits, Australia*, cat. no. 5651.0, Canberra; ABS, *Business Indicators, Australia*, cat. no. 5676.0, Canberra; ABS, *Australian Industry*, cat. no. 8155.0,

12 All banks lending to business a

Australia

	2006-07		2007-08			2008-09			
	June	Sep.	Dec.	Mar.	June	Sep.	Dec.	Mar.	June
	\$b	\$b	\$b	\$b	\$b	\$b	\$b	\$b	\$b
Agriculture, fishing and forestry	47.2	49.9	51.0	52.1	53.7	54.1	56.0	56.8	56.0
Mining	9.6	11.3	12.3	12.8	11.7	13.0	14.4	14.1	11.5
Manufacturing	41.1	43.0	42.5	45.5	45.2	48.2	47.8	48.6	43.5
Construction	24.8	26.5	27.4	31.1	30.5	31.6	30.7	33.2	31.5
Wholesale, retail trade, transport and storage	75.3	77.3	83.6	85.5	87.8	93.2	95.1	93.7	90.0
Finance and insurance	92.4	113.9	126.6	139.4	134.8	143.7	140.0	126.8	136.0
Other	248.9	263.3	284.8	290.3	299.8	315.7	318.5	320.4	319.0
Total	539.2	585.3	628.3	656.7	663.6	699.6	702.5	693.5	687.6

a Includes variable and fixed interest rate loans outstanding plus bank bills outstanding.

Source: Reserve Bank of Australia, *Bank Lending to Business - Selected Statistics*, Bulletin Statistical Table D8.

13 Rural indebtedness to financial institutions ^a

Australia

	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
	\$m	\$m	\$m	\$m	\$m	\$m
Rural debt						
All banks a	34 115	39 261	43 546	47 188	53 743	56 159
Other government agencies b	891	977	1 073	1 286	1 409	1 620
Pastoral and other finance companies	3 379	3 112	3 454	4 592	5 126	4 462
Large finance institutional debt	38 385	43 350	48 073	53 066	60 278	62 242
Other farm debt cs	2 067	na	na	na	na	na
Total rural debt	40 452	na	na	na	na	na
Deposits						
Farm management deposits	2 619	2 792	2 797	2 782	2 879	2 843

a Derived from all banks lending to agriculture, fishing and forestry. **b** Includes the government agency business of state banks and advances made under War Service Land Settlement. Prior to 1996 includes loans from the Queensland Industry Development Corporation. From 1996 these loans are included in bank lending. **c** Includes loans from life insurance companies, lease agreements and indebtedness to hire purchase companies, trade creditors, private lenders and small financial institutions. **s** ABARE estimate. **na** Not available.

Sources: Department of Agriculture, Fisheries and Forestry; Reserve Bank of Australia, *Estimated Rural Debt to Specified Lenders*, Bulletin Statistical Table D9; ABARE.

14 Capital expenditure of private enterprises

Australia

	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 \$m
At current prices					
Gross fixed capital formation a					
All sectors	231 739	260 761	284 705	320 165	343 989
New capital expenditure					
Mining b	10 843	19 659	23 621	29 201	37 977
Manufacturing					
food, beverages and tobacco	2 386	2 419	2 256	2 596	2 492
textiles, clothing, footwear and leather	228	157	139	112	118
wood and paper product	733	835	759	928	897
printing, publishing and recorded media	323	502	353	396	450
petroleum, coal and chemical product	2 376	2 412	1 767	2 126	2 239
non-metallic mineral product	502	571	467	474	609
metal product	3 481	4 976	4 761	4 137	4 608
machinery and equipment	1 570	2 058	1 436	1 110	1 160
other manufacturing	80	100	58	164	108
total	11 675	14 032	12 106	12 340	12 682
Total surveyed industries	64 369	80 611	87 475	96 773	113 121
Chain volume measures c					
Gross fixed capital formation a					
All sectors	247 992	269 932	284 705	312 938	326 215
New capital expenditure					
Mining	12 345	21 480	24 512	29 200	36 692
Manufacturing	11 816	14 033	11 940	12 340	12 154
Other selected industries	40 539	45 950	50 492	55 230	61 234
Total surveyed industries	65 560	81 652	87 038	96 771	110 080

a Estimates taken from ABS national accounts, which include taxation based statistics. b ANZSIC 2006 Division B. c Reference year is 2007-08.
Sources: ABS, *Australian National Accounts: National Income, Expenditure and Product*, cat. no. 5206.0, Canberra; ABS, *Private New Capital Expenditure and Expected Expenditure, Australia*, cat. no. 5625.0, Canberra; ABARE.

15 Private mineral exploration expenditure

Australia

	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
	\$m	\$m	\$m	\$m	\$m	\$m
At current prices						
Energy						
Petroleum						
onshore	230.5	270.1	355.8	498.2	493.8	492.3
offshore	713.6	774.6	906.1	1727.3	2 541.1	3 318.4
total	944.1	1 044.7	1 261.9	2 225.5	3 034.9	3 810.7
Coal	81.5	126.8	166.4	193.2	234.8	297.3
Uranium	10.6	20.7	56.1	114.1	231.5	185.2
Total	1 036.2	1 192.2	1 484.4	2 532.8	3 501.2	4 293.2
Metals and other minerals a						
Gold	397.1	391.7	399.6	455.9	592.6	438.0
Iron ore	63.7	137.9	161.3	285.4	449.8	588.7
Base metals, silver and cobalt b	151.9	261.3	356.7	555.0	783.2	519.1
Mineral sands	23.8	27.6	29.2	37.3	37.0	30.6
Diamonds	25.9	23.7	22.6	26.9	21.7	10.0
Other	32.2	38.7	48.8	46.8	110.8	154.3
Total metals and other minerals a	694.6	880.9	1 018.2	1 407.3	1 995.1	1 740.7
Total expenditure	1 730.8	2 073.1	2 502.6	3 940.1	5 496.3	6 033.9

a Uranium is included with energy. b Base metals include copper, lead, nickel and zinc.

Sources: ABS, *Mineral and Petroleum Exploration, Australia*, cat. no. 8412.0, Canberra; ABARE.

16 Annual world indicator prices of selected commodities

	unit	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 f
Crops							
Wheat a	US\$/t	154	176	212	362	271	219
Corn b	US\$/t	97	104	151	201	190	163
Rice c	US\$/t	278	301	320	551	609	562
Soybeans d	US\$/t	275	261	335	549	421	375
Cotton e	USc/lb	52.4	56.0	58.1	72.9	61.2	74.0
Sugar g	USc/lb	10.5	15.8	11.7	13.7	15.9	18.5
Livestock products							
Beef h	USc/kg	286	276	282	303	303	295
Wool i	Ac/kg	767	713	864	945	794	850
Butter j	US\$/t	2 208	1 998	2 023	4 027	2 485	2 746
Cheese j	US\$/t	2 856	2 792	3 004	5 073	3 281	3 431
Skim milk powder j	US\$/t	2 210	2 175	3 188	4 204	2 333	2 650
Energy							
Crude oil							
Dubai	US\$/bbl	40.29	57.75	60.86	90.19	63.88	72.70
West Texas Intermediate	US\$/bbl	48.78	64.24	63.32	96.73	68.83	77.78
brent	US\$/bbl	46.16	62.47	63.93	95.37	67.18	76.27
world trade weighted average k	US\$/bbl	41.18	57.25	59.45	91.97	66.05	75.30
Uranium (U ₃ O ₈) l	US\$/lb	22.20	36.79	81.17	80.75	51.25	47.81
Minerals and metals m							
Aluminium	US\$/t	1 807	2 245	2 692	2 665	1 781	1 890
Copper	US\$/t	3 151	5 062	7 087	7 791	4 936	6 380
Gold n	US\$/oz	422	527	639	823	874	1 123
Iron ore (negotiated) o	USc/dmtu	35.99	61.72	73.45	80.43	144.67	97.00
Lead	US\$/t	964	1 061	1 694	2 893	1 454	2 202
Manganese (negotiated) q	US\$/mtu	2.45	3.98	3.00	2.70	11.20	3.50
Nickel	US\$/t	14 961	15 510	37 909	28 564	13 322	17 741
Silver r	USc/oz	695	928	1 274	1 544	1 289	1 823
Tin	US\$/t	8 491	7 403	11 455	18 529	13 531	14 965
Zinc	US\$/t	1 171	2 118	3 672	2 599	1 401	1 784

a US hard red winter wheat, fob Gulf. b US no. 2 yellow corn, delivered US Gulf. c Prices previously reported by the Thailand Board of Trade are no longer available. From September 1998 the price quoted is the USDA sourced nominal quote for Thai white rice, 100 per cent, Grade B, fob, Bangkok (August–July basis). d US cif Rotterdam (October–September basis). e Cotlook 'A' index. g Average of monthly averages of New York no.11 spot price; basis: fob Caribbean ports (October–September basis). h US cif price. i Australian Wool Exchange eastern market indicator. j Average of traded prices (excluding subsidised sales). k World trade weighted average price compiled by the US Department of Energy. Official sales prices or estimated contract terms for major internationally traded crude oils. l Average of weekly restricted spot prices over the period, published by Ux Consulting. m Average LME spot price unless otherwise stated. n London gold fix, London Bullion Market Association. o Australian hematite fines to Japan (fob) for Japanese fiscal year commencing 1 April. q Japanese fiscal year commencing 1 April. r London silver fix, London Bullion Market Association. Prior to March 2001, Handy and Harman, commercial bar price used. s ABARE estimate. f ABARE forecast. na Not available.

Sources: Australian Bureau of Statistics; Australian Dairy Corporation; Meat and Livestock Australia; Australian Wool Exchange; Cotlook Ltd; Food and Agriculture Organisation; General Agreement on Tariffs and Trade; International Energy Agency; International Wheat Council; ISTA Mielke and Co.; London Bullion Market Association; The London Metal Exchange Ltd; New York Board of Trade; Reuters Ltd; Ux Consulting Company; Platts Oilgram; US Department of Agriculture; US Department of Energy; World Bureau of Metal Statistics; ABARE.

17 Quarterly world indicator prices of selected commodities

	unit	2007-08		2008-09			2009-10			
		June	Sep.	Dec.	Mar.	June	Sep. p	Dec. s	Mar. f	June f
Crops										
Wheat a	US\$/t	368	333	244	247	259	215	217	224	223
Corn b	US\$/t	260	246	169	167	176	152	163	163	172
Rice c	US\$/t	889	722	584	609	570	566	500	551	629
Soybeans d	US\$/t	585	566	377	394	461	451	421	363	377
Cotton e	US\$/lb	74.9	76.3	57.4	54.7	60.1	64.4	73.0	77.0	78.0
Sugar g	US\$/lb	13.1	15.1	12.9	13.6	15.8	21.3	23.0	19.0	17.0
Livestock products										
Beef h	US\$/kg	347	386	283	266	279	291	290	296	303
Wool i	Ac/kg	893	864	786	746	780	815	858	872	856
Butter j	US\$/t	4 058	3 683	2 592	1 792	1 875	2 192	2 825	2 883	3 083
Cheese j	US\$/t	5 050	4 625	3 333	2 533	2 633	2 942	3 483	3 533	3 767
Skim milk powder j	US\$/t	3 517	3 300	2 183	1 833	2 017	2 250	2 717	2 750	2 883
Energy										
Crude oil										
Dubai	US\$/bbl	117.23	108.53	52.00	39.19	55.81	63.57	72.09	77.18	77.98
West Texas Intermediate	US\$/bbl	123.97	114.50	58.80	41.70	60.31	68.60	77.00	82.00	83.50
brent	US\$/bbl	122.13	114.51	54.50	41.20	58.52	66.85	75.65	80.79	81.80
world trade weighted average k	US\$/bbl	118.79	110.10	56.50	40.25	57.34	65.72	75.25	79.57	80.66
Uranium (U ₃ O ₈) l	US\$/lb	61.33	60.67	51.00	45.00	48.33	45.25	47.00	48.00	51.00
Minerals and metals m										
Aluminium	US\$/t	2 940	2 787	1 490	1 360	1 488	1 805	1 950	1 940	1 865
Copper	US\$/t	8 448	7 692	3 940	3 435	4 675	5 630	6 600	6 690	6 600
Gold n	US\$/oz	897	869	797	908	922	960	1 114	1 250	1 170
Lead	US\$/t	2 307	1 912	1 247	1 157	1 500	1 927	2 230	2 300	2 350
Nickel	US\$/t	25 730	18 980	10 889	10 475	12 943	17 607	17 358	17 000	19 000
Silver o	US\$/oz	1 718	1 510	1 019	1 260	1 376	1 469	1 766	1 988	2 053
Tin	US\$/t	22 650	20 551	13 131	11 024	13 540	14 576	14 985	15 100	15 200
Zinc	US\$/t	2 113	1 771	1 186	1 174	1 473	1 530	1 825	1 870	1 910

a US hard red winter wheat, fob Gulf. b US no. 2 yellow corn, delivered US Gulf. c Prices previously reported by the Thailand Board of Trade are no longer available. From September 1998 the price quoted is the USDA sourced nominal quote for Thai white rice, 100 per cent, Grade B, fob, Bangkok. d US cif Rotterdam. e Cotlook 'A' index. g Average of monthly averages of New York no.11 spot price; basis: fob Caribbean ports. h US cif price. i Australian Wool Exchange eastern market indicator. j Average of traded prices (excluding subsidised sales). k World trade weighted average price compiled by the US Department of Energy. l Average of weekly restricted spot prices over the period, published by Ux Consulting. m Average LME spot price unless otherwise stated. n London gold fix, London Bullion Market Association. o London silver fix, London Bullion Market Association. Prior to March 2001, Handy and Harman, commercial bar price used. p preliminary. s ABARE estimate. f ABARE forecast.

Sources: Australian Bureau of Statistics; Australian Dairy Corporation; Meat and Livestock Australia; Australian Wool Exchange; Cotlook Ltd; Food and Agriculture Organisation; General Agreement on Tariffs and Trade; International Energy Agency; International Wheat Council; ISTA Mielke and Co.; Reuters Ltd; London Bullion Market Association; The London Metal Exchange Ltd; New York Board of Trade; Ux Consulting Co.; Platts Oilgram; US Department of Agriculture; US Department of Energy; World Bureau of Metal Statistics; ABARE.

18

Gross unit values or prices of farm products ^a

	unit	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 ^f
Crops ^b							
Grains and oilseeds							
Winter crops							
barley	\$/t	159	149	244	313	242	192
canola	\$/t	326	334	397	543	410	335
field peas	\$/t	235	272	284	548	402	394
lupins	\$/t	206	195	266	335	273	270
oats	\$/t	134	147	241	281	198	183
triticale	\$/t	152	176	339	384	265	225
wheat	\$/t	197	203	242	390	333	253
Summer crops							
maize	\$/t	193	190	422	376	319	313
rice	\$/t	297	283	346	414	495	520
sorghum	\$/t	134	143	213	258	214	212
soybeans ^c	\$/t	283	301	353	554	482	395
sunflower seed ^c	\$/t	341	428	706	814	488	400
Industrial crops							
Cotton lint ^d	c/kg	167	179	176	191	193	195
Sugar cane (cut for crushing)	\$/t	26	28	34	26	31	45
Wine grapes	\$/t	715	615	643	787	527	516
Livestock for slaughter							
Beef ^e	c/kg	320	322	292	286	296	282
– yearling ^e	c/kg	359	366	329	324	330	314
– ox ^e	c/kg	331	332	318	308	315	299
– cow ^e	c/kg	289	288	255	253	269	251
Lamb ^g	c/kg	360	347	326	335	424	410
Mutton ^e	c/kg	170	175	136	159	199	260
Pig ^e	c/kg	243	232	255	240	330	315
Poultry ^h	c/kg	525	498	490	534	549	544
Livestock products							
Wool ⁱ	c/kg	767	713	864	945	794	850
Milk ^j	c/L	31.5	33.1	33.2	49.6	42.4	34.0

^a Average gross unit value across all grades in principal markets, unless otherwise indicated. Includes the cost of containers, commission and other expenses incurred in getting the commodities to their principal markets. These expenses are significant. ^b Average unit gross value relates to returns received from crops harvested in that year, regardless of when sales take place, unless otherwise indicated. ^c Price paid by crusher. ^d Australian base price for sales in the financial year indicated. ^e Average saleyard price (dressed weight). ^g Lamb saleyard weight indicator 18-22kg. ^h Retail price, fresh whole chickens. ⁱ Australian Wool Exchange eastern market indicator. ^j Weighted average farmgate price. ^s ABARE estimate. ^f ABARE forecast.

Note: Prices used in these calculation exclude GST.

Sources: Australian Bureau of Statistics; ABARE.

19 World production, consumption, stocks and trade for selected commodities ^a

	unit	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10 ^f
Farm							
Grains							
Wheat							
production	Mt	628	621	598	609	687	667
consumption	Mt	615	625	611	614	641	643
closing stocks	Mt	139	136	123	118	163	187
exports ^b	Mt	110	110	111	110	136	116
Coarse grains							
production	Mt	1 015	979	985	1 076	1 100	1 091
consumption	Mt	977	990	1 007	1 056	1 073	1 100
closing stocks	Mt	179	166	139	160	189	178
exports ^b	Mt	101	107	118	127	107	110
Rice							
production ^c	Mt	402	418	421	433	446	432
consumption ^c	Mt	407	413	418	426	435	435
closing stocks ^c	Mt	73	76	75	80	91	86
exports ^{bd}	Mt	29	32	28	28	30	30
Oilseeds and vegetable oils							
Oilseeds							
production	Mt	382	391	404	392	395	429
consumption	Mt	367	384	393	400	400	413
closing stocks	Mt	58	65	74	62	56	69
exports	Mt	74	76	83	93	94	94
Vegetable oils							
production	Mt	112	119	122	128	132	137
consumption	Mt	108	116	122	125	129	135
closing stocks	Mt	11	11	10	10	12	11
exports	Mt	43	47	49	52	55	56
Vegetable protein meals							
production	Mt	207	216	224	231	229	238
consumption	Mt	204	216	223	230	228	236
closing stocks	Mt	8	8	8	7	6	6
exports	Mt	61	66	68	71	69	71
Industrial crops							
Cotton							
production	Mt	26	25	27	26	23	22
consumption	Mt	24	25	27	27	24	24
closing stocks	Mt	13	14	14	14	14	11
exports	Mt	8	10	8	8	6	7
Sugar							
production	Mt	141	150	166	167	153	163
consumption	Mt	147	153	157	161	164	166
closing stocks	Mt	58	56	65	72	61	58
exports	Mt	48	48	49	48	50	53

Continued

19 World production, consumption, stocks and trade for selected commodities ^a

continued

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f
Livestock products							
Meat ^{deg}							
production	Mt	238	240	243	249	250	251
consumption	Mt	231	236	238	246	248	250
closing stocks	Mt	2.3	2.3	3.9	4.4	4.6	5.0
exports ^b	Mt	20.7	20.8	21.9	23.9	22.3	20.8
Wool ^h							
production	kt	1 218	1 234	1 202	1 170	1 063	1 056
consumption ^{di}	kt	1 225	1 196	1 210	1 165	970	1 050
closing stocks ^j	kt	163	165	75	55	60	75
exports ^k	kt	578	567	590	515	482	460
Butter ^{dg}							
production	kt	6 779	7 021	7 428	7 780	8 224	8 250
consumption	kt	6 336	6 723	7 142	7 393	7 856	7 930
closing stocks	kt	347	283	178	186	217	200
exports	kt	797	760	811	709	686	710
Skim milk powder ^{gl}							
production ^d	kt	3 317	3 266	3 469	3 574	3 715	3 700
consumption ^d	kt	3 330	3 144	3 167	3 176	3 241	3 450
closing stocks ^d	kt	377	278	247	367	583	550
exports	kt	1 012	1 013	1 138	1 096	998	1 050
Energy ^d							
Crude oil							
Production							
world ^m	mbd	84.5	85.4	85.6	86.5	84.7	86.2
OPEC ⁿ	mbd	34.2	35.1	34.9	35.9	33.6	34.3
Consumption ^m							
OECD ^o	days	51.0	53.0	51.0	na	na	na
Coal ^d							
Production							
hard coal ^q	Mt	4 812	5 087	5 306	5 715	5 900	6 050
brown coal	Mt	929	937	945	950	955	937
Exports							
metallurgical coal	Mt	206	210	227	238	214	230
thermal coal	Mt	610	673	696	704	712	735
Uranium (U₃O₈) ^d							
Production ^{rs}	kt	49.2	46.9	48.6	51.6	55.5	57.7
Consumption	kt	78.8	77.2	77.7	76.2	77.7	81.3
Metals ^d							
Bauxite production	kt	177 028	191 655	209 018	216 377	190 000	200 550
Alumina production	kt	66 692	72 790	79 619	78 905	72 916	76 964
Aluminium							
production	kt	32 017	33 975	38 108	39 256	36 569	38 493
consumption	kt	31 689	33 954	37 561	37 020	34 765	36 746
closing stocks ^t	kt	3 010	2 764	2 960	4 672	6 476	8 223

Continued

19 World production, consumption, stocks and trade for selected commodities ^a

continued

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f
Iron and steel ^d							
Production							
iron ore ^u	Mt	1 315	1 498	1 664	1 725	1 725	1 829
pig iron	Mt	801	881	946	926	934	1 022
crude steel	Mt	1 146	1 250	1 344	1 330	1 230	1 351
Iron ore trade	Mt	715	762	823	882	900	958
Gold ^d							
Mine production	t	2 546	2 486	2 481	2 416	2 481	2 503
Supply	t	4 107	3 984	3 923	3 861	4 001	3 523
Fabrication consumption ^v	t	3 291	2 936	3 076	2 888	2 410	2 475
Base metals ^d							
Copper							
production ^w	kt	16 610	17 343	18 029	18 484	18 307	18 490
consumption	kt	16 639	16 974	18 109	18 102	18 141	18 286
closing stocks	kt	547	703	668	808	975	1 179
Lead							
production ^w	kt	7 623	7 924	8 117	8 671	8 931	9 556
consumption	kt	7 786	8 063	8 182	8 665	8 882	9 459
closing stocks	kt	287	270	265	306	740	766
Nickel							
production ^w	kt	1 293	1 352	1 430	1 396	1 223	1 317
consumption	kt	1 248	1 392	1 326	1 278	1 157	1 299
closing stocks	kt	112	87	125	155	221	239
Tin							
production ^w	kt	350	351	349	334	330	328
consumption	kt	345	363	359	338	304	326
closing stocks	kt	38	33	35	32	59	61
Zinc							
production ^w	kt	10 222	10 655	11 360	11 655	10 839	11 164
consumption	kt	10 611	11 016	11 307	11 438	10 637	11 222
closing stocks	kt	828	548	580	764	966	908
Mineral sands ^d							
Production							
ilmenite ^x	kt	10 999	11 774	11 997	11 330	11 975	12 838
titaniferous slag	kt	2 274	2 419	2 525	2 166	2 320	2 610
rutile concentrate	kt	418	528	605	609	566	681
zircon concentrate	kt	1 189	1 277	1 320	1 235	1 256	1 276

^a Some figures are not based on precise or complete analyses. ^b Includes intra-EU trade. ^c Milled equivalent. ^d On a calendar year basis, e.g. 1991-92 = 1992. ^e Beef and veal, mutton, lamb, goat, pig and poultry meat. ^g Selected countries. ^h Clean equivalent. ⁱ Virgin wool at the spinning stage in 65 countries. ^j Held by marketing bodies and on-farm in five major exporting countries. ^k Five major exporting countries. ^l Nonfat dry milk. ^m Includes crude oil, marine bunkers, refinery fuel, nonconventional oil and natural gas liquids. 1 million litres a year equals about 17.2 barrels a day. ⁿ Includes OPEC natural gas liquids. ^o Industry stocks in OECD countries at the start of the financial year. ^q Includes anthracite and bituminous coal, and for the United States, Australia and New Zealand, sub-bituminous coal. ^r World production data has been revised to exclude reprocessed uranium. ^t LME and producer stocks. ^u China's iron ore production adjusted to world average. ^v Includes jewellery consumption. ^w Primary refined metal. ^x Excludes some small producers and large tonnages produced from ilmenite-magnetite ore in the Commonwealth of Independent States. ^s ABARE estimate. ^f ABARE forecast. ^{na} Not available.

Sources: Australian Bureau of Statistics; Meat and Livestock Australia; Commodities Research Unit; Commonwealth Secretariat; Consolidated Gold Fields; Department of Agriculture, Fisheries and Forestry Australia; Economic Commission for Europe; Fearnleys; Food and Agriculture Organisation; Gold Fields Mineral Services; International Atomic Energy Agency; International Energy Agency; International Iron and Steel Institute; International Lead-Zinc Study Group; International Nickel Study Group; International Sugar Organization; International Wheat Council; ISTA Mielke and Co.; Metallgesellschaft A.G.; Ministry of Agriculture, Forestry and Fisheries (Japan); New Zealand Dairy Board; New Zealand Wool Board; UNCTAD Trust Fund on Iron Ore; United Nations; Uruguayan Association of Wool Exporters; US Department of Agriculture; World Bureau of Metal Statistics; ABARE.

20 Commodity production

Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 s	2009-10 f
Crops							
Grains and oilseeds							
Winter crops							
barley	kt	7 740	9 482	4 257	7 159	7 669	8 292
canola	kt	1 542	1 419	573	1 214	1 861	1 770
chickpeas	kt	116	123	232	313	378	447
field peas	kt	289	478	140	268	252	357
lupins	kt	937	1 289	470	662	716	613
oats	kt	1 282	1 688	748	1 503	1 205	1 264
triticale	kt	611	676	199	450	503	568
wheat	kt	21 905	25 150	10 822	13 569	20 938	21 993
Summer crops							
cottonseed s	kt	912	844	388	188	466	528
maize	kt	420	380	240	387	368	282
rice	kt	339	1 003	163	18	63	165
sorghum	kt	2 011	1 929	1 283	3 790	2 671	1 594
soybeans	kt	54	55	32	35	102	80
sunflower seed	kt	62	98	18	73	80	52
other oilseeds a	kt	70	63	46	68	66	64
Total grains and oilseeds	kt	38 291	44 677	19 611	29 695	37 337	38 069
Industrial crops							
Cotton lint	kt	645	597	301	133	329	374
Sugar cane (cut for crushing)	kt	37 822	37 128	36 397	32 621	30 284	29 889
Sugar (tonnes actual)	kt	5 234	5 063	5 026	4 763	4 634	4 519
Wine grapes	kt	1 925	1 902	1 397	1 837	1 684	1 820
Livestock slaughterings							
Number slaughtered							
Cattle and calves	'000	8 853	8 401	9 081	8 799	8 702	8 650
Cattle exported live b	'000	574	549	638	713	856	848
Sheep	'000	11 443	11 830	13 271	11 929	11 282	10 500
Lambs	'000	17 331	18 666	20 158	20 899	20 767	21 000
Sheep exported live b	'000	3 233	4 248	4 138	4 069	4 064	3 700
Pigs	'000	5 342	5 370	5 322	5 217	4 522	4 700
Meat produced							
Beef and veal c	kt	2 162	2 077	2 226	2 155	2 148	2 119
Lamb c	kt	354	382	413	435	423	428
Mutton c	kt	237	244	271	258	235	217
Pig meat	kt	389	389	382	377	324	336
Poultry meat c	kt	792	817	855	835	866	879
Total	kt	3 934	3 909	4 147	4 061	3 997	3 979

Continued

20 Commodity production *continued*

Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f
Livestock products							
Wool ^d	kt	520	520	502	459	404	362
Milk ^e	ML	10 127	10 089	9 583	9 223	9 388	9 100
Butter ^g	kt	147	146	133	128	148	130
Cheese	kt	388	373	364	359	340	326
Casein	kt	13	12	8	10	10	9
Skim milk powder ^h	kt	189	205	191	164	212	191
Whole milk powder	kt	189	158	135	142	148	147
Buttermilk powder	kt	17	16	14	13	15	13
Forestry							
Logs	'000 m ³	26 998	26 734	27 182	28 461	26 480	27 626
Fisheries ⁱ							
Tuna ^j	kt	11.3	12.7	13.1	14.7	13.0	10.2
Salmonids ^k	kt	17.1	21.0	25.6	25.5	30.0	32.5
Other fish ^l	kt	155.4	128.4	118.8	120.0	122.4	120.4
Prawns	kt	23.7	23.6	20.8	22.4	23.2	22.2
Rock lobster	kt	17.9	16.2	13.5	13.8	11.8	10.0
Abalone	kt	6.0	5.5	5.5	5.3	5.5	5.5
Scallops	kt	15.5	9.0	10.6	10.3	8.2	10.8
Oysters	kt	11.8	12.1	14.4	12.5	13.6	13.9
Other molluscs	kt	10.3	8.6	9.4	6.8	9.1	9.2
Other crustaceans	kt	7.9	6.7	7.0	6.6	7.2	7.1
Energy							
Coal							
black, salable	Mt	305.0	307.0	325.2	326.8	333.6	369.4
black, raw	Mt	393.4	398.9	414.4	421.2	438.0	486.1
brown	Mt	67.2	67.7	65.6	66.0	65.0	64.0
Petroleum							
crude oil and condensate	ML	27 311	24 316	28 809	25 789	27 788	27 157
petroleum products ^m	ML	44 555	40 679	43 652	44 086	44 111	43 258
natural gas ⁿ	Gm ³	37.3	38.9	40.8	41.7	44.1	48.5
LPG (naturally occurring)	ML	4 628	4 722	4 550	3 971	3 930	3 994
Uranium (U ₃ O ₈)	t	10 964	9 974	9 594	10 114	10 311	9 055
Metalliferous minerals and metals ^o							
Aluminium							
bauxite	Mt	57.6	60.9	62.7	63.5	64.0	65.8
alumina	kt	17 161	17 826	18 506	19 359	19 597	20 098
aluminium (ingot metal)	kt	1 890	1 912	1 954	1 964	1 974	1 943
Copper							
mine production ^q	kt	895	936	859	863	890	875
refined, primary	kt	486	461	435	444	499	408
Gold							
mine production ^q	t	265.2	249.4	250.8	229.7	217.9	246.4

Continued

20 Commodity production *continued*

Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f
Metalliferous minerals and metals (continued)							
Iron and steel							
ore and concentrate ^r	Mt	251.9	263.9	287.7	324.7	353.0	424.7
iron and steel	Mt	7.4	7.9	8.0	8.2	5.6	7.2
Lead							
mine production ^q	kt	682	762	642	641	596	644
refined ^s	kt	234	234	191	203	213	212
bullion	kt	153	141	114	152	155	148
Manganese							
ore, metallurgical grade	kt	3 563	4 082	5 046	5 412	3 730	5 293
metal content of ore	kt	1 710	1 959	2 422	2 598	1 791	2 765
Nickel							
mine production ^q	kt	192	186	191	190	185	157
refined, class I ^u	kt	117	105	104	105	95	111
refined, class II ^v	kt	10	10	15	15	15	11
total ore processed ^w	kt	229	224	225	222	218	186
Silver							
mine production ^q	t	2 303	2 218	1 674	1 867	1 775	1 726
refined	t	722	655	618	605	751	776
Tin							
mine production ^q	t	2 055	1 805	2 061	1 631	3 879	5 679
refined	t	445	736	321	na	na	na
Titanium							
ilmenite concentrate	kt	1 993	2 185	2 383	2 205	2 070	2 033
leucoxene concentrate	kt	68	87	169	156	164	183
rutile concentrate	kt	173	184	279	333	308	285
synthetic rutile ^t	kt	751	711	729	672	716	582
titanium dioxide pigment ^t	kt	204	208	207	201	221	266
Zinc							
mine production ^q	kt	1 352	1 380	1 375	1 571	1 411	1 381
refined	kt	464	446	496	507	506	505
Zircon concentrate	kt	432	442	557	580	534	478
Other minerals							
Diamonds	'000 ct	32 471	25 354	24 632	16 528	15 430	11 774
Salt	kt	12 254	11 467	10 857	11 243	11 202	11 413

a Linseed and safflowerseed. **b** Excludes animals exported for breeding purposes. **c** In carcass weight and includes carcass equivalent of canned meats. **d** Greasy equivalent of shorn wool (includes crutching), dead and fellmongered wool and wool exported on skins. **e** Includes the wholemilk equivalent of farm cream intake. **g** Includes the butter equivalent of butteroil, butter concentrate, ghee and dry butterfat. **h** Includes mixed skim and buttermilk powder. **i** Liveweight. **j** Tuna captured under joint venture or bilateral agreements or transhipped at sea is included. **k** Includes salmon and trout production. **l** Includes an estimated value of aquaculture but excludes inland commercial fisheries. **m** Includes production from petrochemical plants. **n** Includes ethane, methane and noncommercial natural gas. **o** Uranium is included with energy. **q** Primary production, metal content. **r** Excludes iron oxide not intended for metal extraction. **t** Includes lead content of lead alloys from primary sources. **v** Products with a nickel content of 99 per cent or more. Includes electrolytic nickel, pellets, briquettes and powder. **w** Products with a nickel content of less than 99 per cent. Includes ferronickel, nickel oxides and oxide sinter. **v** Includes imported ore for further processing. **s** ABARE estimate. **f** ABARE forecast.

Sources: Australian Bureau of Statistics; Australian Dairy Corporation; Consolidated Gold Fields; Coal Services Pty Limited; Department of Resources, Energy and Tourism; International Nickel Study Group; Queensland Government, Department of Natural Resources and Mines; Raw Cotton Marketing Advisory Committee; ABARE.

21 Gross value of farm and fisheries production

Australia

	2004-05	2005-06	2006-07	2007-08	2008-09 s	2009-10 f
	\$m	\$m	\$m	\$m	\$m	\$m
Crops						
Grains and oilseeds						
Winter crops						
barley	1 233	1 417	1 039	2 244	1 855	1 594
canola	503	473	227	659	762	593
chickpeas	36	57	153	195	166	196
field peas	68	130	40	147	101	141
lupins	193	251	125	222	195	166
oats	172	249	181	423	238	231
triticale	93	119	68	173	133	128
wheat	4 317	5 099	2 619	5 292	6 970	5 565
Summer crops						
maize	81	72	101	145	117	88
rice	101	284	56	7	31	86
sorghum	270	276	274	977	572	338
soybeans	15	17	11	19	49	31
sunflower seed	21	42	13	59	39	21
other oilseeds a	36	30	25	50	52	42
Total grains and oilseeds	7 364	8 825	5 145	10 897	11 545	9 492
Industrial crops						
Cotton lint and cotton seed b	1 222	995	542	253	685	794
Sugar cane (cut for crushing)	980	1 032	1 221	861	942	1 339
Wine grapes	1 377	1 172	898	1 446	887	940
Total industrial crops	3 578	3 199	2 661	2 559	2 514	3 073
Horticulture						
Table and dried grapes	220	207	240	202	233	224
Fruit and nuts (excl grapes)	2 547	2 627	3 499	2 758	2 684	2 927
Vegetables	2 315	2 833	3 103	3 363	3 430	3 493
Other horticulture	1 372	1 675	1 730	1 683	1 812	1 945
Total horticulture	6 454	7 342	8 572	8 005	8 158	8 589
Other crops nei c	1 321	1 536	1 683	2 858	2 795	2 644
Total crops	18 717	20 901	18 060	24 320	25 012	23 798

Continued

Value of production

21 Gross value of farm and fisheries production *continued*

Australia

	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f
	\$m	\$m	\$m	\$m	\$m	\$m
Livestock slaughterings						
Cattle and calves ^d	7 455	7 327	7 550	6 902	7 110	6 849
Cattle exported live ^e	374	358	437	451	559	555
Sheep ^g	418	444	380	414	477	575
Lambs ^{gh}	1 327	1 378	1 387	1 466	1 829	1 790
Sheep exported live	207	291	289	286	339	313
Pigs	906	890	944	902	1 160	1 050
Poultry	1 304	1 223	1 294	1 637	1 730	1 755
Total livestock slaughterings ^k	12 033	11 960	12 335	12 109	13 255	12 938
Livestock products						
Wool ⁱ	2 166	2 054	2 282	2 309	2 015	1 934
Milk ^j	3 194	3 341	3 178	4 572	3 981	3 094
Eggs	328	376	388	468	463	450
Honey and beeswax	100	65	70	64	86	90
Total livestock products	5 788	5 836	5 917	7 412	6 545	5 568
Total farm	36 537	38 696	36 312	43 840	44 812	42 304
Forestry products						
Logs	1 653	1 673	1 713	1 872	1 747	1 861
Fisheries products ^l						
Tuna ^m	172	175	161	210	168	160
Salmonids ⁿ	147	231	291	299	324	358
Other fin fish ^o	412	367	397	416	393	402
Prawns	307	305	267	268	281	267
Rock lobster	415	477	443	407	412	363
Abalone	233	225	217	189	183	160
Scallops	47	23	29	33	29	33
Oysters	74	75	91	89	99	103
Pearls	122	122	124	114	91	84
Other molluscs ^q	67	66	69	60	67	67
Other crustaceans	66	60	75	70	66	68
Total fish ^r	2 086	2 166	2 211	2 187	2 080	2 004

a Linseed, safflowerseed and peanuts. **b** Value delivered to gin. **c** Mainly fodder crops. **d** Includes dairy cattle slaughtered. **e** Excludes animals exported for breeding purposes. **g** Excludes skin values. **h** Lamb saleyard indicator weight 18-22kg. **i** Shorn, dead and fellmongered wool and wool exported on skins. **j** Milk intake by factories and valued at farmgate. **k** Total livestock slaughterings includes livestock disposals. **l** Value to fishermen of product landed in Australia. **m** Tuna captured under joint venture or bilateral agreements or transhipped at sea is included. **n** Includes salmon and trout production. **o** Includes an estimated value of aquaculture. **q** Includes Northern Territory aquaculture production. **r** Also includes fish and aquaculture values not elsewhere included. **s** ABARE estimate. **f** ABARE forecast.

Note: The gross value of production is the value placed on recorded production at the wholesale prices realised in the market place. The point of measurement can vary between commodities. Generally the market place is the metropolitan market in each state and territory. However, where commodities are consumed locally or where they become raw material for a secondary industry, these points are presumed to be the market place.

Note: Prices used in these calculations exclude GST.

Sources: Australian Bureau of Statistics; ABARE.

22 Crop areas and livestock numbers

Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f
Crop areas							
Grains and oilseeds							
Winter crops							
barley	'000 ha	4 646	4 406	4 182	4 902	4 790	4 479
canola	'000 ha	1 377	971	1 052	1 277	1 670	1 265
chickpeas	'000 ha	113	105	244	306	313	373
field peas	'000 ha	413	280	384	293	279	285
lupins	'000 ha	845	809	736	752	578	483
oats	'000 ha	894	931	1 003	1 238	856	919
triticale	'000 ha	389	347	369	360	355	350
wheat	'000 ha	13 399	12 443	11 798	12 578	13 151	13 788
Summer crops							
maize	'000 ha	72	76	49	68	70	59
rice	'000 ha	51	102	20	2	8	19
sorghum	'000 ha	755	766	613	942	754	637
soybeans	'000 ha	26	24	14	15	45	41
sunflower seed	'000 ha	46	79	17	48	43	38
other oilseeds ^a	'000 ha	55	54	43	49	43	42
Total grains and oilseeds	'000 ha	23 809	22 111	21 054	23 237	23 417	23 298
Industrial crops							
Cotton	'000 ha	321	336	144	63	164	203
Sugar cane ^b	'000 ha	434	398	409	381	367	365
Winegrapes	'000 ha	153	158	163	166	157 ^e	171
Livestock numbers ^c							
Cattle							
beef	million	24.41	25.32	25.61	24.78	24.46	24.85
dairy	million	2.86	2.79	2.66	2.54	2.55	2.45
milking herd ^d	million	1.94	1.88	1.80	1.64	1.65	1.60
total	million	27.27	28.11	28.27	27.32	27.01	27.30
Sheep	million	100.6	91.0	85.7	76.9	71.6	68.1
Pigs	million	2.71	2.73	2.61	2.41	2.45	2.50

^a Linseed and safflowerseed. ^b Cut for crushing. ^c At 30 June. ^d Cows in milk and dry. ^e This figure is for grapes only. Prior to 2008-09 this figure includes grapes used for winemaking and other purposes such as drying and table. ^s ABARE estimate. ^f ABARE forecast.

23 Average farm yields

Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f
Crops							
Grains and oilseeds							
Winter crops							
barley	t/ha	1.67	2.15	1.02	1.46	1.60	1.85
canola	t/ha	1.12	1.46	0.54	0.95	1.11	1.40
chickpeas	t/ha	1.02	1.17	0.95	1.02	1.21	1.20
field peas	t/ha	0.70	1.71	0.36	0.91	0.90	1.25
lupins	t/ha	1.11	1.59	0.64	0.88	1.24	1.27
oats	t/ha	1.43	1.81	0.75	1.21	1.41	1.38
triticale	t/ha	1.57	1.95	0.54	1.25	1.42	1.62
wheat	t/ha	1.63	2.02	0.92	1.08	1.59	1.60
Summer crops							
maize	t/ha	5.83	5.03	4.90	5.69	5.25	4.78
rice	t/ha	6.60	9.83	8.15	8.15	7.75	8.87
sorghum	t/ha	2.66	2.52	2.09	4.02	3.54	2.50
soybeans	t/ha	2.07	2.33	2.35	2.34	2.27	1.95
sunflower seed	t/ha	1.35	1.24	1.06	1.51	1.85	1.37
Industrial crops							
Cotton (lint)	t/ha	2.01	1.78	2.10	2.12	2.01	1.84
Sugar cane (for crushing)	t/ha	87	93	89	86	83	82
Winegrapes	t/ha	12.6	12.0	8.6	11.1	10.7	10.6
Livestock							
Wool ^a	kg/sheep	4.42	4.42	4.09	4.30	4.27	4.26
Whole milk	L/cow	5 215	5 367	5 336	5 624	5 707	5 688

^a Shorn (including lambs). ^s ABARE estimate. ^f ABARE forecast.

Sources: Australian Bureau of Statistics; ABARE.

24 Volume of commodity exports

Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 s	2009-10 f
Farm							
Grains and oilseeds							
Winter crops							
barley a	kt	6 500	5 316	3 136	4 051	3 900	4 302
canola	kt	1 019	884	238	519	973	955
chickpeas	kt	151	211	244	218	468	520
lupins	kt	419	469	174	76	133	125
oats (unprepared)	kt	165	190	62	115	196	206
peas b	kt	116	156	248	142	118	168
wheat c	kt	15 780	15 168	11 196	7 408	13 410	14 640
Summer crops							
cottonseed	kt	214	204	104	18	37	152
rice	kt	271	258	491	78	32	81
sorghum	kt	513	173	46	251	1 368	1 046
other oilseeds d	kt	28	18	13	11	10	33
Total grains and oilseeds	kt	25 176	23 049	15 950	12 886	20 646	22 227
Industrial crops							
Raw cotton e	kt	410	650	487	266	260	322
Sugar	kt	4 153	3 883	3 719	3 493	3 244	3 249
Wine	ML	661	736	798	709	750	760
Meat and live animals for slaughter							
Beef and veal gh	kt	948	892	974	930	968	950
Live cattle i	'000	574	549	638	713	856	848
Lamb g	kt	123	143	150	163	156	164
Live sheep i	'000	3 233	4 248	4 138	4 069	4 064	3 700
Mutton g	kt	137	145	162	158	146	131
Pig meat g	kt	43	44	41	39	32	35
Poultry meat g	kt	20	22	28	30	37	37
Wool							
Greasy js	kt	372	377	402	343	314	283
Semi-processed	kt (gr.eq.)	115	92	82	67	62	58
Skins	kt (gr.eq.)	61	75	83	67	63	59
Total js	kt (gr.eq.)	548	544	567	477	439	400
Dairy products							
Butter k	kt	69	83	81	57	70	57
Cheese	kt	228	202	213	203	146	136
Casein	kt	13	8	12	9	8	7
Skim milk powder	kt	141	181	164	123	162	142
Whole milk powder	kt	105	110	94	82	116	111

Continued

Export volumes

24 Volume of commodity exports *continued* Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 s	2009-10 f
Forest products							
Woodchips	kt	5 598	5 363	5 952	6 166	5 255	5 506
Fisheries products							
Tuna I	kt	10.9	11.7	11.6	12.6	11.5	9.3
Other fish	kt	15.0	11.6	11.4	9.8	14.2	10.8
Prawns m							
headless	kt	0.4	0.1	0.1	0.4	0.5	0.5
whole	kt	9.6	8.4	6.0	3.9	4.0	4.2
Rock lobster							
tails	kt	1.8	1.6	1.5	1.0	0.8	0.6
whole	kt	10.2	9.9	8.3	8.1	8.4	6.6
Abalone							
fresh, chilled or frozen	kt	2.0	2.1	2.2	2.1	2.1	2.1
prepared or preserved	kt	2.0	1.5	1.7	1.4	1.2	1.2
Scallops n	kt	1.2	1.5	1.4	1.1	1.1	1.2
Mineral resources							
Energy							
Crude oil o	ML	15 731	13 026	15 965	15 975	16 588	16 192
LPG	ML	2 844	2 800	2 824	2 589	2 500	2 725
LNG qs	Mt	10.589	12.029	14.332	13.678	15.410	17.382
Bunker fuel r	ML	2 207	2 163	2 156	2 169	2 217	2 196
Petroleum products	ML	1 846	2 082	1 752	1 807	1 162	1 382
Metallurgical coal	Mt	124.9	120.5	132.0	136.9	125.2	151.0
Thermal coal	Mt	106.4	110.8	111.6	115.1	136.4	140.6
Uranium (U ₃ O ₈)	t	11 249	10 253	9 519	10 139	10 114	9 055

Continued

24 Volume of commodity exports *continued*

Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f
Mineral resources (continued)							
Metalliferous minerals and metals ^t							
Aluminium							
alumina	kt	14 073	14 499	15 056	15 739	16 395	16 291
aluminium (ingot metal)	kt	1 512	1 617	1 638	1 650	1 748	1 624
Copper							
ore and concentrate ^u	kt	1 326	1 635	1 493	1 694	1 801	1 820
refined	kt	322	314	290	296	361	261
Gold ^v	t	309	315	400	382	437	412
Iron and steel							
iron ore and pellets	Mt	228.5	239.4	257.4	294.3	323.5	388.8
iron and steel ^w	kt	2 338	2 428	2 648	2 131	1 741	1 917
Lead							
ores and concentrates	kt	417	502	422	308	382	386
refined	kt	243	244	215	193	261	213
bullion	kt	164	140	112	169	147	148
Manganese ^u	kt	3 128	3 215	4 667	5 105	3 227	4 809
Nickel ^{vs}	kt	214	207	207	211	189	161
Titanium							
ilmenite concentrate ^x	kt	633	722	999	894	1 538	2 079
leucoxene concentrate	kt	93	86	123	56	20	19
rutile concentrate	kt	158	169	307	399	550	588
synthetic rutile ^s	kt	517	472	508	513	512	496
titanium dioxide pigment	kt	175	177	171	175	141	192
Refined silver	t	517	482	431	335	423	476
Tin ^v	t	1 529	1 556	1 867	3 079	4 159	5 937
Zinc							
ores and concentrates ^u	kt	1 953	1 821	1 948	2 323	2 101	1 875
refined	kt	397	388	374	411	451	426
Zircon concentrate ^y	kt	428	438	555	637	685	689
Other minerals							
Diamonds	'000 ct	32 471	25 354	24 632	16 528	16 279	11 774
Salt	kt	12 128	10 776	10 749	10 686	10 978	11 185

a Includes the grain equivalent of malt. **b** Includes field peas and cowpeas. **c** Includes the wheat equivalent of flour. **d** Includes soybeans, linseed, sunflowerseed, safflowerseed and peanuts. Excludes meals and oils. **e** Excludes cotton waste and linters. **g** In shipped weight. Fresh, chilled or frozen. **h** Includes meat loaf. **i** Excludes breeding stock. **j** ABS recorded trade data adjusted for changes in stock levels held overseas by Wool International. **k** Includes ghee, dry butterfat, butter concentrate and butteroil, dairy spreads, all expressed as butter. **l** Exports of tuna landed in Australia. Tuna captured under joint venture or bilateral agreements or transhipped at sea is not included. **m** Excludes volume of other prawn products. **n** Includes crumbed scallops. **o** Includes condensate and other refinery feedstock. **q** 1 million tonnes of LNG equals about 1.31 billion cubic metres of gas. **r** International ships and aircraft stores. **t** Uranium is included with energy. **u** Quantities refer to gross weight of all ores and concentrates. **v** Quantities refer to total metallic content of all ores, concentrates, intermediate products and refined metal. **w** Includes all steel items in ABS, *Australian Harmonized Export Commodity Classification*, ch. 72, 'Iron and steel', excluding ferrous waste and scrap and ferroalloys. **x** Excludes leucoxene and synthetic rutile. **y** Data from 1991-92 refer to standard grade zircon only. **s** ABARE estimate. **f** ABARE forecast.

Sources: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra; Australian Mining Industry Council; Department of Foreign Affairs and Trade; Department of Agriculture, Fisheries and Forestry; Department of Resources, Energy and Tourism; International Nickel Study Group; ABARE.

Export values

25 Value of commodity exports (fob)

Australia

	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 s \$m	2009-10 f \$m
Farm						
Grains and oilseeds						
Winter crops						
barley a	1 275	1 108	833	1 496	1 321	1 302
canola	397	331	108	303	595	441
chickpeas	65	106	168	139	276	324
lupins	89	99	38	31	49	45
oats	36	47	20	37	64	57
peas b	33	43	80	61	63	72
wheat c	3 488	3 296	2 765	2 990	5 028	4 271
Summer crops						
cottonseed	55	53	31	8	19	85
rice	173	171	347	71	31	77
sorghum	96	33	13	76	405	325
other oilseeds d	33	21	22	27	27	55
Total grains and oilseeds	5 739	5 308	4 426	5 240	7 878	7 055
Industrial crops						
Raw cotton e	771	1 137	823	466	500	661
Sugar	1 098	1 454	1 510	1 006	1 335	1 603
Wine	2 748	2 799	2 990	2 683	2 428	2 450
Total	4 617	5 391	5 323	4 155	4 264	4 714
Other crops	3 322	3 298	3 337	3 632	4 730	4 274
Total crops	13 679	13 996	13 086	13 027	16 872	16 042
Meat and live animals for slaughter						
Beef and veal	4 584	4 272	4 634	4 190	4 857	4 470
Live cattle g	374	358	437	451	559	555
Lamb	673	767	748	803	925	923
Live sheep g	207	291	289	286	339	313
Mutton	398	432	458	443	482	437
Pig meat	150	143	142	128	124	128
Poultry meat	20	21	26	32	43	43
Total	6 405	6 284	6 734	6 333	7 329	6 870
Wool						
Greasy h	1 993	1 863	2 316	2 115	1 729	1 666
Semi-processed	505	389	393	362	281	274
Skins	339	287	356	319	312	309
Total h	2 837	2 539	3 065	2 796	2 322	2 250
Dairy products						
Butter	188	225	179	195	232	165
Cheese	877	837	824	968	796	640
Casein	116	89	113	125	107	85
Skim milk powder	420	529	505	533	553	431
Whole milk powder	324	334	275	392	475	402
Other dairy products	559	556	542	550	515	431
Total	2 485	2 569	2 438	2 763	2 679	2 154
Other livestock exports	2 496	2 436	2 577	2 611	2 836	2 665
Total livestock exports	14 222	13 828	14 815	14 503	15 166	13 939
Total farm exports	27 901	27 824	27 900	27 530	32 038	29 982

Continued

25 Value of commodity exports (fob) *continued*

Australia

	2004-05	2005-06	2006-07	2007-08	2008-09 s	2009-10 f
	\$m	\$m	\$m	\$m	\$m	\$m
Forest products						
Woodchips	858	839	950	1 072	997	1 006
Pulp and paper products	854	872	949	1 005	964	948
Other e	406	429	455	394	382	396
Total	2 119	2 140	2 355	2 471	2 343	2 350
Fisheries products						
Tuna i	166	179	162	206	177	154
Other fish	139	115	118	119	157	116
Prawns j						
headless	7	3	2	6	8	7
whole	153	129	89	56	71	65
Rock lobster						
tails	101	97	102	63	53	39
whole	330	387	357	333	405	332
Abalone						
fresh, chilled or frozen	124	132	139	124	119	113
prepared or preserved	139	114	107	93	89	73
Scallops k	33	39	35	28	33	33
Pearls	291	290	314	264	366	270
Other fisheries products	61	62	69	49	52	59
Total	1 542	1 547	1 494	1 342	1 529	1 261
Total rural exports l						
Derived as sum of above	31 561	31 511	31 749	31 343	35 910	33 593
On balance of payments basis m	30 308	30 431	30 400	29 971	33 912	31 765
Mineral resources						
Energy						
Crude oil n	6 330	6 638	8 317	10 484	8 755	9 059
LPG	804	1 002	1 038	1 182	1 044	1 089
LNG	3 199	4 416	5 222	5 854	10 086	7 008
Bunker fuel o	951	1 322	1 295	1 457	1 537	1 347
Other petroleum products	844	1 195	1 098	1 323	787	1 114
Metallurgical coal	10 758	17 003	15 039	16 038	36 770	22 338
Thermal coal	6 336	7 206	6 758	8 365	17 901	10 824
Uranium (U ₃ O ₈)	475	546	660	887	990	919
Total						
derived as sum of above	29 696	39 328	39 427	45 591	77 868	53 698
on balance of payments						
basis (excl. bunker fuel)	28 394	37 572	37 569	43 488	75 627	51 592
Metalliferous minerals and metals						
Aluminium						
bauxite s	118	90	108	206	192	162
alumina	4 383	5 262	6 243	5 809	6 015	4 564
aluminium (ingot metal)	3 726	4 788	5 650	4 967	4 724	3 472
Copper p						
ore and concentrate	1 750	3 492	3 914	4 151	3 594	4 039
refined	1 332	2 161	2 612	2 579	2 241	2 118

Continued

Export values

25 Value of commodity exports (fob) *continued* Australia

	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 ^s \$m	2009-10 ^f \$m
Mineral resources (continued)						
Metalliferous minerals and metals (continued)						
Gold ^p	5 523	7 089	10 320	10 903	16 146	15 930
Iron and steel						
iron ore and pellets	8 120	12 854	15 512	20 511	34 234	29 097
iron and steel	2 031	1 674	1 743	1 562	1 363	1 177
Lead ^p						
ores and concentrates	490	711	855	757	617	793
refined	305	350	457	674	560	582
bullion	246	235	268	595	432	553
Manganese						
ore ^s	473	424	482	1 532	1 406	978
Titanium						
ilmenite concentrate ^q	63	76	113	104	171	232
leucoxene concentrate	25	25	35	15	12	12
rutile concentrate	114	138	259	277	335	322
synthetic rutile ^s	306	321	361	305	258	216
titanium dioxide pigment	422	441	408	375	396	475
Nickel ^s	3 749	3 642	8 469	5 655	2 656	2 784
Refined silver	161	197	221	187	245	334
Tin ^p	8	12	25	42	70	115
Zinc ^p						
ores and concentrates	852	1 542	2 590	2 031	934	991
refined	614	998	1 707	1 319	923	937
Zircon concentrate ^r	319	398	478	421	540	327
Total	35 132	46 920	62 830	64 979	78 065	70 210
Other minerals						
Diamonds ^s	683	836	726	625	676	380
Salt	226	229	239	232	237	247
Other	3 775	5 303	4 754	6 207	4 680	4 428
Total mineral resources exports	69 511	92 616	107 976	117 635	161 526	128 964
Total commodity exports						
Derived as sum of above	101 072	124 127	139 725	148 978	197 435	162 557
On balance of payments ^t	98 869	121 725	137 080	146 148	193 901	159 381

a Includes the grain equivalent of malt. **b** Field peas and cowpeas. **c** Includes the wheat equivalent of flour. **d** Includes soybeans, linseed, sunflowerseed, safflowerseed and peanuts. Excludes meals and oils. **e** Excludes cotton waste and linters. **g** Excludes breeding stock. **h** On a balance of payments basis. ABS recorded trade data adjusted for changes in stock levels held overseas by Wool International. **i** Exports of tuna landed in Australia. Tuna captured under joint venture or bilateral agreements or transhipped at sea is not included. **j** Other prawn products included in other fisheries products. **k** Includes crumbed scallops. **l** Sum of farm, forest and fisheries products. **m** The value of exports derived as the sum of published detailed items differs from the balance of payments aggregates shown in table 6 for two main reasons: the ABS makes special adjustments to some recorded trade data for balance of payments purposes; and ABARE derives its own estimates, (using non-ABS sources), for several items as footnoted. For more detail on a balance of payments basis, see table 7. **n** Includes condensate and other refinery feedstock. **o** International ships and aircraft stores. **p** Value of metals contained in host mine and smelter products are not available separately and are included in the value of the mineral product or metal in which they are exported. **q** Excludes leucoxene and synthetic rutile; data from 1991-92 refer to bulk ilmenite only. **r** Data refers to standard grade zircon only. **t** As derived in table 6. **s** ABARE estimate. **f** ABARE forecast.

Sources: ABS, *International Trade, Australia*, cat. no. 5465.0, Canberra; Department of Resources, Energy and Tourism; ABARE.

26 Value of imports and exports of selected commodities

Australia

	2004-05	2005-06	2006-07	2007-08	2008-09
	\$m	\$m	\$m	\$m	\$m
Vegetable oilseeds and products a					
Imports	504	532	771	756	911
Exports	552	472	240	490	837
Dairy products					
Imports					
cheese	248	292	302	377	365
other dairy products	137	140	178	280	265
total	384	432	480	656	631
Horticulture					
Imports					
fruit	704	741	846	928	991
vegetables	512	528	621	731	842
Exports					
fruit	791	829	774	760	898
vegetables	340	365	410	384	397
Edible fisheries products					
Imports					
shellfish b	412	426	483	417	458
fin fish	547	602	701	715	825
total	959	1 028	1 184	1 132	1 283
Exports					
shellfish b	932	943	878	741	811
fin fish c	304	295	280	325	334
total	1 236	1 237	1 158	1 065	1 145
Forest products					
Imports					
sawnwood	492	419	418	492	405
wood based panels	216	228	276	284	271
pulp and paper products	2 807	2 839	3 007	3 049	3 130
other d	589	530	569	586	653
total	4 104	4 017	4 271	4 412	4 459
Mineral resources					
Imports					
aluminium (ingot metal)	17	20	11	10	10
diamonds	347	403	397	444	417
ferroalloys	137	123	116	154	181
gold (refined and unrefined)	2 462	4 800	5 309	7 311	11 250
ingot steel	2 041	2 075	2 479	2 225	3 192
iron ore	145	222	338	311	269
phosphate rock	49	42	32	80	193
silver	30	33	98	80	223
Energy resources					
Imports					
crude oil e	9 996	12 822	13 360	17 149	14 721
natural gas	0	152	800	724	2 166
petroleum products g	5 121	8 608	7 784	12 730	13 133

a Includes peanuts, oilseeds, vegetable oils and vegetable protein meals. b Includes all crustaceans and molluscs including canned. c Excludes tuna transhipped at sea or captured under joint venture or bilateral agreements. d Includes roundwood, other processed wood and minor forest products. e Includes condensate and other refinery feedstock. g Includes LPG. s ABARE estimate.

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

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