

Australian commodities

Statistical tables

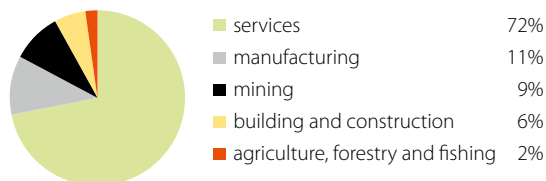
GDP, imports

Contribution to GDP

Australia reference year 2009–10

1999–2000

\$950.4b



2009–10

\$1283.2b

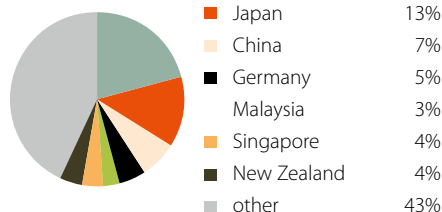


Share of Australian imports in 2009–10 dollars

1999–2000

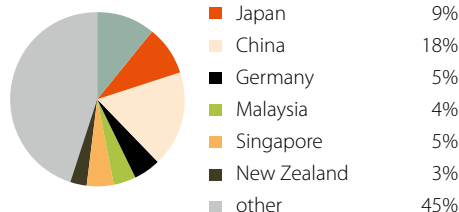
\$150.3b

Total



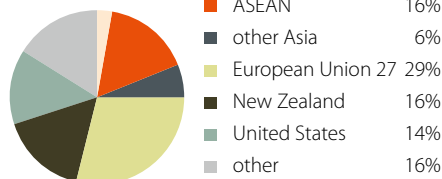
2009–10

\$203.6b

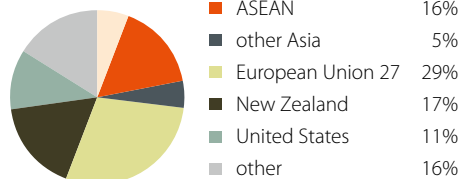


Agriculture

\$6.7b

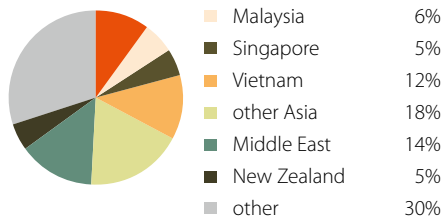


\$10.5b

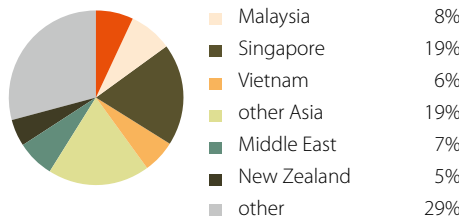


Minerals and energy

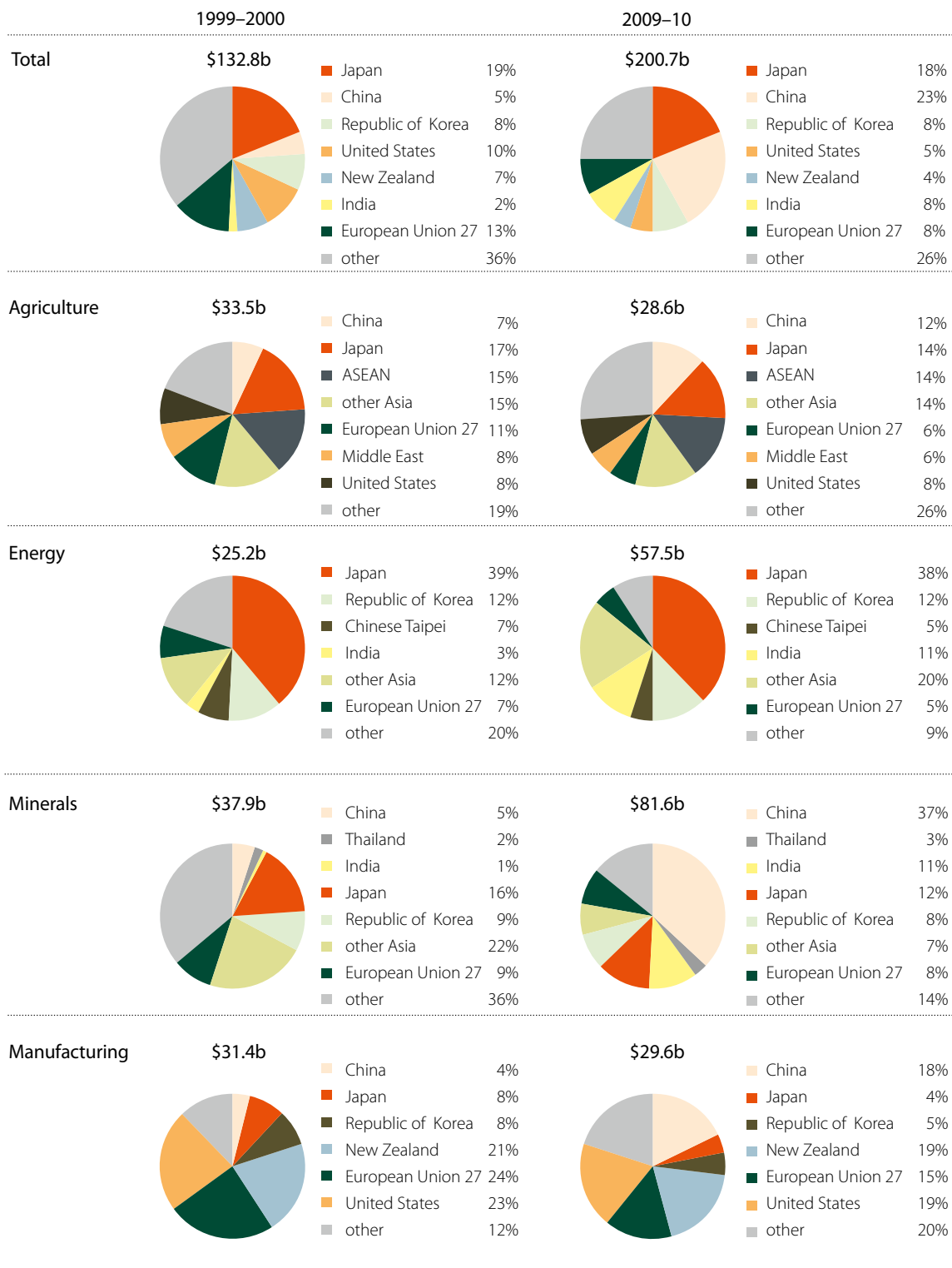
\$16.5b



\$39.7b



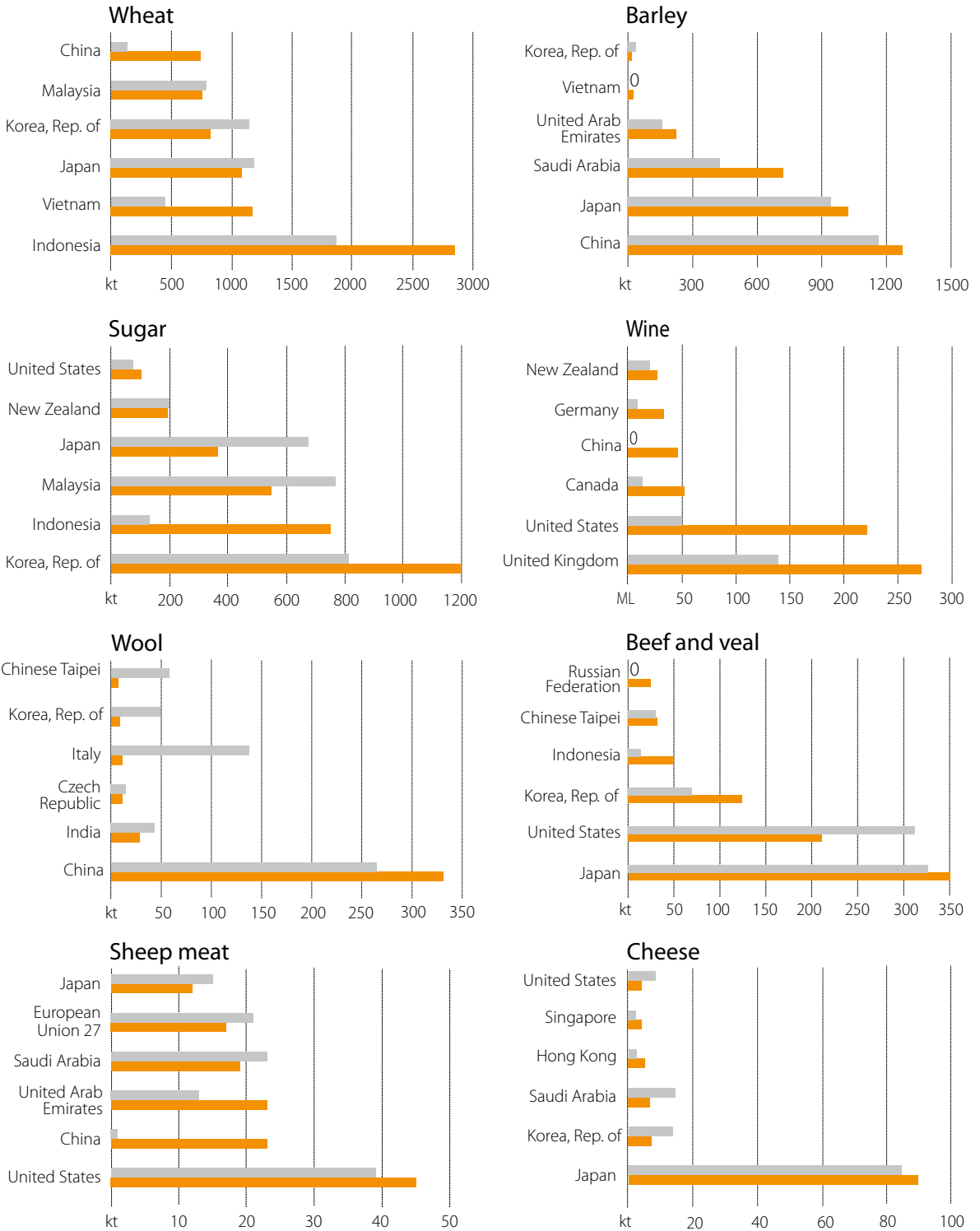
Markets for Australian exports in 2009–10 dollars



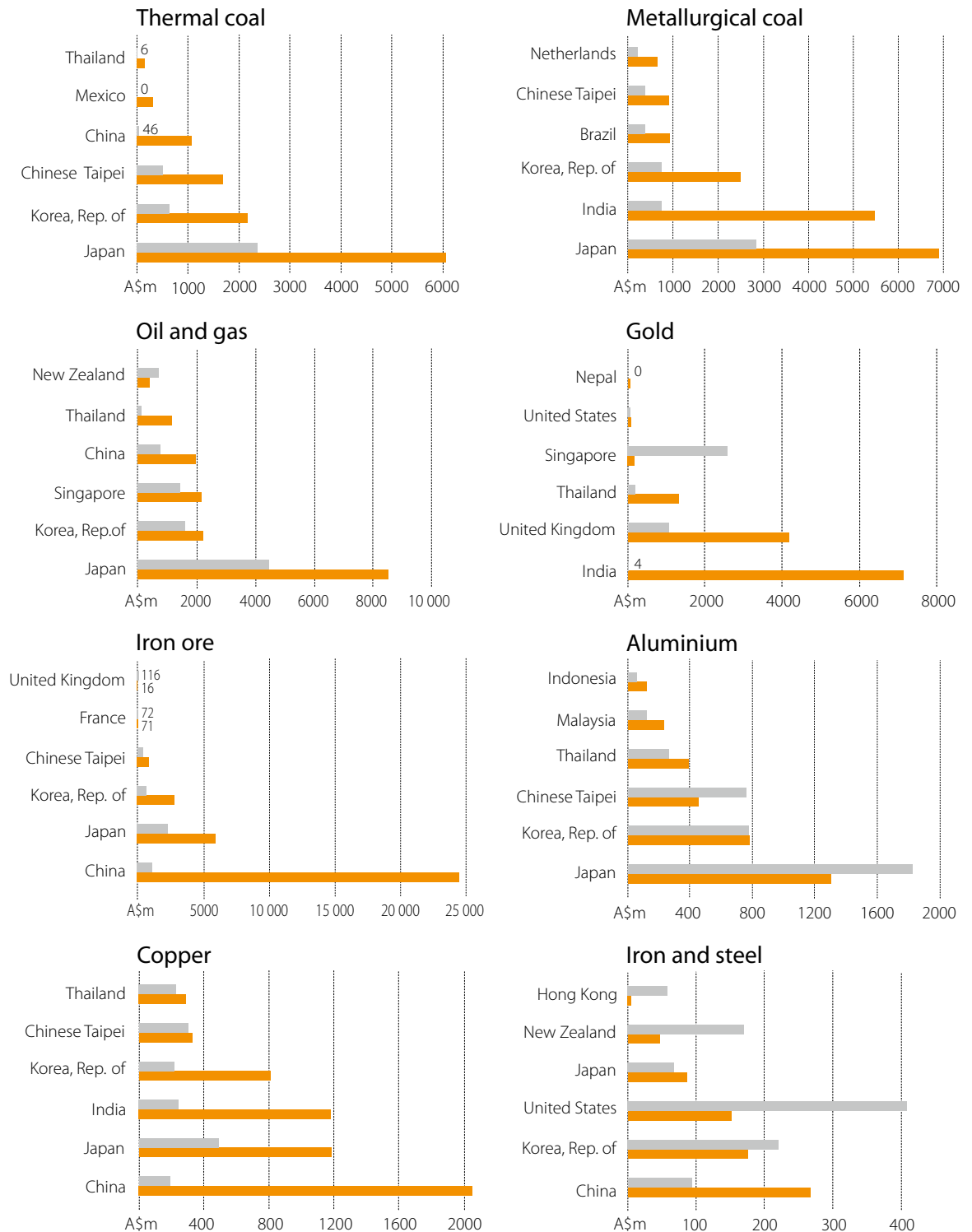
Agriculture

Principal markets for Australian agricultural exports

2009–10 1999–2000



Principal markets for Australian mineral and energy exports in 2009–10 dollars



1 Indexes of prices received by farmers

Australia

	2005-06	2006-07	2007-08	2008-09	2009-10 s	2010-11 f	2011-12 f
Crops sector							
Grains							
Winter crops							
barley	93.9	153.3	196.9	145.3	120.2	127.4	121.1
canola	86.5	102.8	140.7	142.2	105.5	135.1	134.7
lupins	99.8	135.7	171.0	142.9	128.1	179.4	152.5
oats	107.8	235.8	136.9	158.3	135.1	114.8	113.6
wheat	102.5	122.4	197.2	142.1	122.6	150.9	124.8
Summer crops							
grain sorghum	84.6	126.1	152.4	121.3	125.5	128.6	120.9
Total grains a	97.2	128.5	178.3	137.4	117.4	137.2	120.6
Cotton	76.5	82.5	87.7	96.7	104.0	132.9	115.2
Sugar	90.9	108.4	80.6	98.3	148.6	135.9	147.2
Hay	143.7	230.7	254.6	219.0	181.6	167.8	142.7
Fruit	138.3	184.0	148.4	148.2	146.6	150.3	154.0
Vegetables	133.8	141.3	153.7	152.9	150.4	154.1	158.0
Total crops sector	103.9	127.6	138.0	120.2	113.6	125.0	117.5
Livestock sector							
Livestock for slaughter							
cattle	181.3	174.3	164.6	171.3	170.1	184.4	196.7
lambs b	177.7	165.6	170.3	204.3	234.0	252.0	259.8
sheep	202.7	156.2	183.3	216.8	367.4	433.2	444.8
live sheep for export	176.1	179.1	180.7	214.2	249.3	277.4	291.3
pigs	115.6	124.8	120.7	140.1	131.3	124.1	123.2
poultry	83.5	84.5	109.4	120.0	121.6	121.1	119.0
total	157.6	152.6	152.7	165.5	171.7	182.4	190.0
Livestock products							
wool	100.4	115.5	127.9	109.2	140.0	162.7	173.7
milk	111.0	111.1	166.1	142.3	125.0	129.0	130.0
eggs	92.5	102.0	107.5	108.5	105.5	106.6	107.6
total	105.7	112.2	147.0	127.5	127.8	137.6	141.8
Store and breeding stock	165.9	157.8	153.7	165.1	175.9	194.7	206.2
Total livestock sector	136.7	135.9	148.2	149.2	153.5	164.1	170.6
Total prices received	118.6	130.4	141.7	132.5	130.7	141.8	139.8

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 ABARES estimate. f ABARES 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: ABARES.

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

Australia

	2005-06	2006-07	2007-08	2008-09	2009-10 ^s	2010-11 ^f	2011-12 ^f
Farmers' terms of trade ^a	91.7	96.0	91.4	88.9	92.1	97.8	93.2
Materials and services							
Seed, fodder and livestock							
fodder and feedstuffs	126.4	151.7	195.3	167.9	152.1	138.4	128.9
seed, seedlings and plants	93.8	109.9	135.0	120.6	113.2	124.4	118.8
store and breeding stock	165.9	157.8	153.7	165.1	175.9	194.7	206.2
total	130.8	147.2	178.0	161.7	153.3	150.0	145.9
Chemicals	114.6	124.7	149.7	136.7	116.2	113.8	117.4
Electricity	104.6	107.6	111.3	121.4	142.0	155.1	159.8
Fertiliser	111.6	121.4	220.4	239.6	156.0	152.6	157.3
Fuel and lubricants	210.6	208.3	243.7	211.0	191.7	193.1	209.3
Total	130.9	140.3	170.8	164.2	148.9	148.8	151.2
Labour	129.7	133.5	138.0	142.6	147.3	151.4	156.1
Marketing	125.4	129.1	143.2	137.1	133.9	138.2	148.0
Overheads							
Insurance	135.1	139.4	143.5	155.6	167.0	180.4	194.8
Interest paid	123.8	127.8	142.6	116.7	111.1	120.4	129.7
Rates and taxes	128.9	132.7	137.3	141.6	144.8	148.9	153.5
Other overheads	124.8	128.5	132.8	137.1	140.5	144.5	148.9
Total	126.8	130.8	141.8	126.6	124.3	132.5	140.9
Capital items	128.4	132.3	136.8	141.1	144.7	149.0	153.6
Total prices paid	129.4	135.9	155.1	149.0	141.9	145.0	150.0
Excluding capital items	129.4	136.2	157.3	150.0	141.6	144.6	149.7
Excluding capital and overheads	129.9	137.6	161.7	156.9	146.6	147.8	151.7
Excluding seed, fodder and store and breeding stock	129.2	133.6	150.3	146.4	139.5	143.9	150.7

^a Ratio of index of prices received by farmers and index of prices paid by farmers. ^s ABARES estimate. ^f ABARES 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: ABARES; Australian Bureau of Statistics.

3 Farm costs and returns

Australia

	unit	2006–07	2007–08	2008–09	2009–10 s	2010–11 f	2011–12 f
Costs							
Materials and services							
chemicals	\$m	1 545	1 901	1 792	1 474	1 486	1 537
fertiliser	\$m	1 659	3 034	3 381	2 122	2 129	2 210
fuel and lubricants	\$m	2 199	2 551	2 243	1 950	2 001	2 178
marketing	\$m	2 744	3 180	3 733	3 821	3 861	3 961
repairs and maintenance	\$m	2 466	3 073	3 080	3 139	3 819	4 018
seed and fodder	\$m	4 955	6 177	5 263	4 709	4 454	4 238
other	\$m	3 543	3 659	3 829	3 977	4 286	4 495
total	\$m	19 111	23 575	23 320	21 192	22 036	22 637
Labor	\$m	3 654	3 667	3 827	3 779	3 963	4 144
Overheads							
interest paid	\$m	3 848	4 901	4 331	4 455	4 946	5 460
rent and third party insurance	\$m	447	462	477	493	509	525
Total	\$m	7 950	9 030	8 634	8 727	9 419	10 129
Total cash costs	\$m	27 060	32 605	31 955	29 919	31 455	32 766
Depreciation a	\$m	4 383	4 532	4 676	4 794	4 935	5 089
Total farm costs	\$m	31 443	37 137	36 631	34 713	36 390	37 855
Returns							
Gross value of farm production	\$m	36 695	43 567	42 103	41 446	48 485	48 983
Gross farm cash income b	\$m	37 459	43 254	37 994	41 446	48 485	48 983
Net returns and production							
Net value of farm production c	\$m	5 252	6 431	5 473	6 734	12 095	11 128
Real net value of farm production d	\$m	5 893	6 979	5 759	6 925	12 095	10 798
Net farm cash income e	\$m	10 399	10 649	6 040	11 528	17 030	16 217
Real net farm cash income d	\$m	11 668	11 557	6 356	11 855	17 030	15 737

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 2010–11 Australian dollars. e Gross farm cash income less total cash costs. s ABARES estimate. f ABARES forecast.

Note: Prices used in these calculations exclude GST.

Sources: ABARES; Australian Bureau of Statistics.

4 Unit export returns

Australia

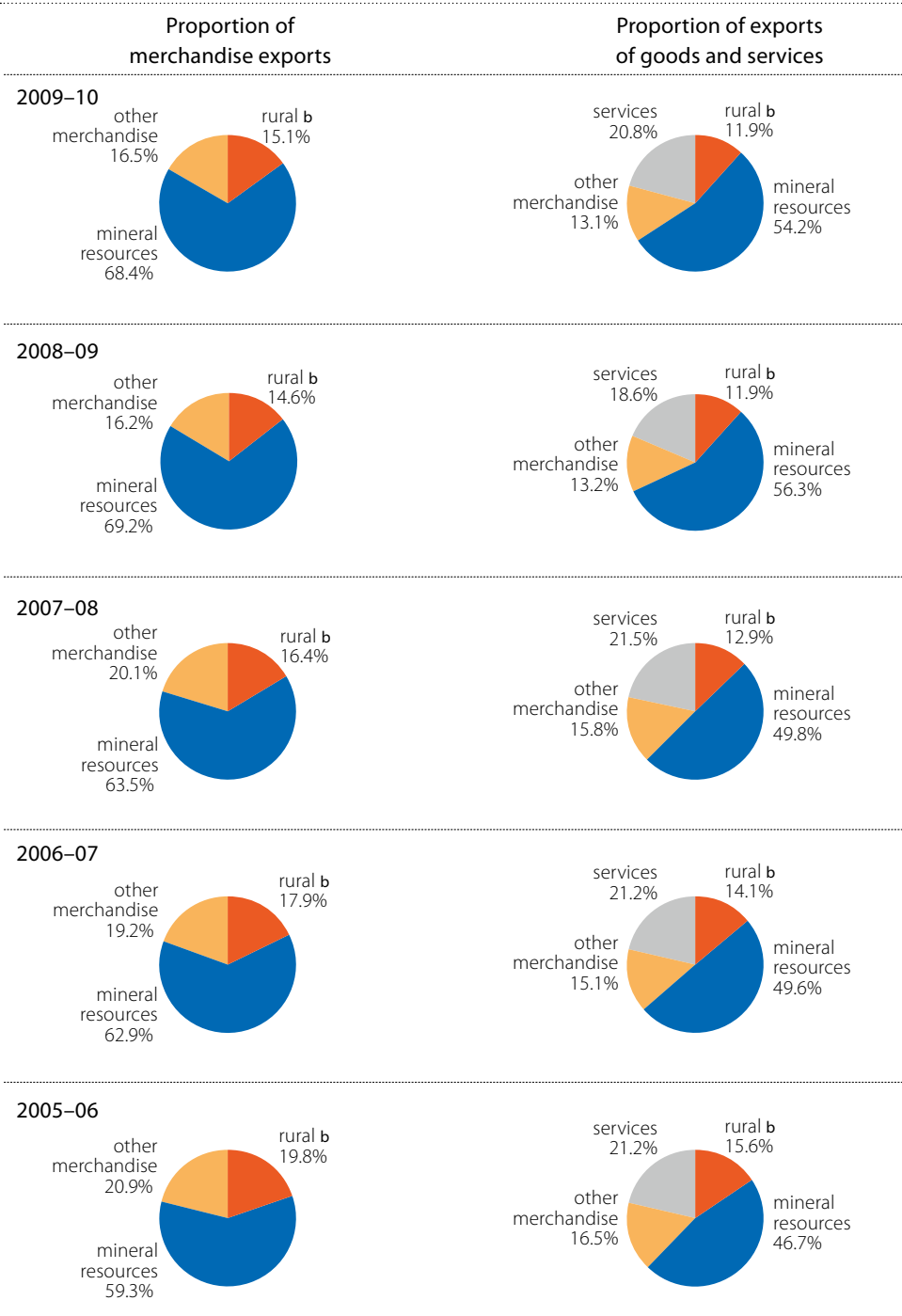
Annual indexes a	2005–06	2006–07	2007–08	2008–09	2009–10 s	2010–11 f	2011–12 f
Farm	104.1	109.6	121.8	122.4	108.2	118.1	113.9
Energy minerals	226.0	206.6	235.8	398.3	258.9	316.7	349.6
Metals and other minerals	162.1	203.4	200.6	226.0	208.6	272.0	286.3
Total mineral resources	186.8	205.5	214.8	290.7	228.1	289.5	311.0
Total commodities	160.3	174.7	184.4	238.2	190.4	236.4	250.6

a In Australian dollars. Base: 1989–90 = 100. s ABARES estimate. f ABARES forecast.

Source: ABARES.

5 Contribution to exports by sector, balance of payments basis

Australia



b Includes farm, forest and fisheries products.
 Sources: Australian Bureau of Statistics; ABARES.

6 Annual exports summary, balance of payments basis

Australia

	2006–07 \$m	2007–08 \$m	2008–09 \$m	2009–10 \$m	2010–11 f \$m	2011–12 f \$m
At current prices						
Rural						
Cereal grains and products	4 171	4 975	6 881	5 266	7 126	7 130
Sugar and honey	1 671	1 158	1 500	2 094	1 533	1 585
Meat and meat preparations	7 080	6 542	7 454	6 350	6 638	6 912
Wool and sheepskins	3 065	2 796	2 322	2 307	2 525	2 633
Other rural a	14 413	14 500	15 760	14 416	15 286	14 537
Total	30 400	29 971	33 917	30 433	33 107	32 796
Mineral resources						
Coal, coke and briquettes	21 928	24 599	54 957	36 558	48 932	61 475
Other mineral fuels	15 641	18 889	20 707	18 964	21 577	24 882
Metalliferous ores and other minerals bs	36 041	41 964	52 691	53 924	80 442	90 259
Gold	10 740	12 272	17 508	14 301	16 497	18 498
Other metals cs	22 330	18 453	14 358	14 021	16 742	18 012
Total s	106 680	116 177	160 221	137 768	184 189	213 127
Total commodities sector s	137 080	146 148	194 138	168 201	217 297	245 923
Other merchandise s	32 540	36 808	37 426	33 262	na	na
Total merchandise s	169 620	182 956	231 564	201 463	na	na
Services	45 342	50 105	52 877	52 751	na	na
Total goods and services	214 962	233 061	284 441	254 214	na	na
Chain volume measures d						
Rural						
Cereal grains and products	5 771	4 857	6 880	7 169	9 051	10 703
Sugar and honey	1 753	1 602	1 501	1 592	1 090	1 110
Meat and meat preparations	7 639	7 329	7 454	6 950	6 885	6 948
Wool and sheepskins	3 043	2 549	2 323	2 269	2 200	2 212
Other rural a	15 212	14 500	15 760	15 704	18 622	25 236
Total	33 418	30 837	33 918	33 684	37 848	46 210
Mineral resources						
Coal, coke and briquettes	48 322	51 210	54 958	65 894	66 111	72 781
Other mineral fuels	19 613	19 472	20 708	22 190	24 618	26 854
Metalliferous ores and other minerals bs	37 258	41 964	52 691	60 817	63 397	66 589
Gold	15 228	15 703	17 508	13 615	14 275	16 852
Other metals cs	18 737	18 453	14 358	13 683	15 261	15 134
Total s	139 158	146 802	160 223	176 199	183 662	198 210
Total commodities sector s	172 576	177 639	194 141	209 883	221 509	244 420
Other merchandise s	45 756	47 620	37 424	37 965	na	na
Total merchandise s	218 332	225 259	231 565	247 848	na	na
Services	48 163	51 761	52 877	51 699	na	na
Total goods and services	266 361	277 124	284 440	299 548	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 ABARES estimates for steel and nickel, which are retained as confidential 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 2008–09.

s ABARES estimate. **f** ABARES forecast. **na** Not available.

Sources: ABARES; Australian Bureau of Statistics, *Balance of Payments and International Investment Position, Australia*, cat. no. 5302.0, Canberra.

7 Industry gross value added^{a, b}

Australia

	unit	2005–06	2006–07	2007–08	2008–09	2009–10
Agriculture, forestry and fishing						
agriculture	\$m	21 937	17 959	19 454	23 295	23 080
forestry and fishing	\$m	4 137	4 077	4 118	4 425	4 445
total	\$m	26 019	22 041	23 574	27 722	27 526
Mining						
mining (excludes services to mining)	\$m	95 395	103 415	104 702	107 695	114 597
services to mining	\$m	5 567	6 085	6 748	6 767	6 497
total	\$m	100 780	109 323	111 540	114 462	121 095
Manufacturing						
food, beverage and tobacco	\$m	22 744	22 972	22 945	22 228	23 687
textile, clothing and other manufacturing	\$m	6 153	6 096	6 381	5 720	4 641
wood and paper products	\$m	8 309	8 081	7 768	7 176	7 444
printing and recorded media	\$m	5 484	5 536	5 676	4 683	4 452
petroleum, coal, chemical, etc.	\$m	20 980	20 608	21 113	18 995	19 652
non-metallic mineral products	\$m	5 425	5 551	5 802	5 764	5 663
metal products	\$m	20 049	22 024	24 520	23 738	22 990
machinery and equipment	\$m	21 671	21 658	22 376	21 099	22 338
total	\$m	109 798	111 869	116 306	109 402	110 868
Building and construction	\$m	77 526	81 794	87 485	90 087	90 025
Electricity, gas and water supply	\$m	13 217	13 272	13 630	14 249	14 397
Taxes less subsidies on products	\$m	80 244	82 482	84 111	83 339	83 078
Statistical discrepancy	\$m	0	0	1	0	1 663
Gross domestic product	\$m	1 150 645	1 191 655	1 237 320	1 255 241	1 283 219

^a Chain volume measures, reference year is 2008–09. ^b ANZSIC 2006.

Source: Australian Bureau of Statistics, *Australian National Accounts: National Income, Expenditure and Product*, cat. no. 5206.0, Canberra.

8 Volume of production indexes

Australia

	2006–07	2007–08	2008–09	2009–10 s	2010–11 f	2011–12 f
Farm						
Grains and oilseeds	58.2	88.0	116.2	117.2	141.0	134.6
Total crops	84.0	103.9	113.4	114.5	132.0	136.9
Livestock slaughtering	115.5	113.4	112.1	109.8	110.4	111.6
Total livestock	105.2	102.3	100.8	98.7	99.1	100.5
Total farm sector	94.8	103.9	108.2	107.6	116.2	119.3
Forestry a						
Broadleaved	124.2	130.1	120.8	105.7	128.8	157.3
Coniferous	132.4	136.3	117.5	124.5	123.9	130.3
Total forestry	128.4	133.3	119.5	116.1	126.7	143.5
Mine b						
Energy minerals	118.9	116.6	122.8	126.2	130.6	144.4
Metals and other minerals	124.3	124.8	119.6	123.5	136.4	144.5
Total minerals	121.3	120.7	121.4	125.0	133.6	144.7

a Volume of logs harvested excluding firewood. **b** Uranium is included with energy. **s** ABARES estimate. **f** ABARES 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 Fisher's ideal index with a reference year of 1997–98 = 100.

Sources: ABARES; Australian Bureau of Statistics.

9 Employment a, b

Australia

	2004–05 '000	2005–06 '000	2006–07 '000	2007–08 '000	2008–09 '000	2009–10 '000
Agriculture, forestry and fishing						
agriculture	307	300	306	301	318	325
forestry and logging	9	8	8	8	7	7
commercial fishing c	14	12	10	14	9	11
support services	27	27	26	30	23	26
total	357	348	350	353	358	369
Mining						
coal	23	29	27	26	34	41
oil and gas extraction	7	9	10	11	14	15
metal ore	34	42	45	46	48	52
other mining (including services)	42	49	53	62	70	66
total	105	129	135	145	167	173
Manufacturing						
food, beverages and tobacco	217	205	214	228	224	228
textiles, clothing, footwear and leather	55	56	50	50	48	46
wood and paper product	77	77	78	69	67	64
printing, publishing and recorded media	58	52	51	54	51	52
petroleum, coal and chemical product	92	88	92	98	90	88
non-metallic mineral product	36	38	36	42	39	37
metal product	138	161	161	158	155	147
other manufacturing	379	347	342	358	344	343
total	1 051	1 025	1 024	1 056	1 017	1 006
Other industries	8 273	8 587	8 864	9 091	9 225	9 479
Total	9 786	10 088	10 374	10 644	10 767	11 027

a Average employment over four quarters. **b** ANZSIC 2006. Caution should be used when utilising employment statistics at the ANZSIC subdivision and group levels due to estimates that may be subject to sampling variability and standard errors too high for most practical purposes. **c** Includes aquaculture, fishing, hunting and trapping.

Source: Australian Bureau of Statistics, *Labour Force, Australia*, cat. no. 6291.0, Canberra.

10 Business income

Australia

	2005–06	2006–07	2007–08	2008–09	2009–10
	\$m	\$m	\$m	\$m	\$m
Farm					
Net value of farm production	7 349	5 252	6 431	5 473	6 734 s
Company profits in selected industries a					
Mining	36 432	40 311	40 184	67 402	49 889
Manufacturing					
food, beverages and tobacco	5 237	4 532	5 757	6 166	8 104
textiles, clothing, footwear and leather	481	548	501	245	409
wood and paper product	988	1 085	1 184	667	615
printing, publishing and recorded media	528	578	620	170	439
petroleum, coal and chemical product	5 074	3 859	6 192	2 159	3 676
non-metallic mineral product	1 240	1 108	1 359	978	1 155
metal product	5 234	10 004	7 924	3 781	2 662
machinery and equipment	2 572	1 640	1 937	2 745	3 983
other manufacturing	603	762	851	637	712
total	21 957	24 116	26 325	17 548	21 755
Other industries (including services)	81 222	88 958	99 876	73 011	98 307
Total (including services)	139 611	153 385	166 385	157 961	169 951

a Company profits before income tax, based on ANZSIC 2006. s ABARES estimate.

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

11 All banks lending to business a

Australia

	2008–09			2009–10			2010–11	
	Dec \$b	Mar \$b	Jun \$b	Sep \$b	Dec \$b	Mar \$b	Jun \$b	Sep \$b
Agriculture, fishing and forestry	56.1	55.5	57.4	57.9	58.4	57.8	59.1	58.7
Mining	15.0	12.9	11.5	10.7	13.9	14.1	12.1	11.3
Manufacturing	48.9	49.9	43.7	41.5	40.6	40.8	39.2	38.6
Construction	30.8	32.5	31.5	29.9	29.7	29.3	28.2	28.3
Wholesale, retail trade, transport and storage	98.7	96.1	93.2	92.0	91.9	91.9	90.5	89.3
Finance and insurance	133.6	142.6	133.1	128.9	131.9	126.2	130.5	129.5
Other	318.3	321.6	320.6	315.0	308.4	305.3	299.2	309.0
Total	701.5	711.0	691.0	675.8	674.8	665.4	658.7	664.7

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.

12 Rural indebtedness to financial institutions ^a

Australia

	2004–05 \$m	2005–06 \$m	2006–07 \$m	2007–08 \$m	2008–09 \$m	2009–10 \$m
Rural debt						
All banks ^a	39 261	43 546	47 188	53 743	57 384	59 331
Other government agencies ^b	977	1 073	1 286	1 409	1 620	1 816
Pastoral and other finance companies	3 112	3 454	4 592	5 126	4 462	2 029
Large finance institutional debt ^c	43 350	48 073	53 066	60 278	63 467	63 176
Deposits						
Farm management deposits	2 792	2 797	2 782	2 879	2 843	2 784

^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 Sum of the above.

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

13 Capital expenditure of private enterprises

Australia

	2005–06 \$m	2006–07 \$m	2007–08 \$m	2008–09 \$m	2009–10 \$m
At current prices					
Gross fixed capital formation a					
All sectors	279 356	305 722	346 667	355 316	359 422
New capital expenditure					
Mining b	19 659	23 621	29 201	37 977	35 185
Manufacturing					
food, beverages and tobacco	2 419	2 256	2 596	2 492	2 566
textiles, clothing, footwear and leather	157	139	112	118	140
wood and paper product	835	759	928	897	719
printing, publishing and recorded media	502	353	396	450	452
petroleum, coal and chemical product	2 412	1 767	2 126	2 239	2 207
non-metallic mineral product	571	467	474	609	731
metal product	4 976	4 761	4 137	4 608	3 689
machinery and equipment	2 058	1 436	1 110	1 160	1 112
other manufacturing	100	58	164	108	126
total	14 032	12 106	12 340	12 682	11 743
Total surveyed industries	80 611	87 475	96 773	113 121	106 332
Chain volume measures c					
Gross fixed capital formation a					
All sectors	302 914	319 291	352 446	355 315	363 815
New capital expenditure					
Mining	22 410	24 999	29 977	37 978	35 782
Manufacturing	14 843	12 518	12 888	12 681	11 859
Other selected industries	46 116	50 677	55 817	62 462	61 959
Total surveyed industries	83 393	88 267	98 670	113 121	109 600

a Estimates taken from ABS national accounts, which include-taxation based statistics. **b** ANZSIC 2006 Division B. **c** Reference year is 2008–09.

Sources: ABARES; Australian Bureau of Statistics, *Australian National Accounts: National Income, Expenditure and Product*, cat. no. 5206.0, Canberra; Australian Bureau of Statistics, *Private New Capital Expenditure and Expected Expenditure, Australia*, cat. no. 5625.0, Canberra.

14 Private mineral exploration expenditure

Australia

	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 \$m	2009-10 s \$m
At current prices						
Energy						
Petroleum						
onshore	270.1	355.8	498.2	493.8	492.3	748.6
offshore	774.6	906.1	1 727.3	2 541.1	3 318.4	2 745.5
total	1 044.7	1 261.9	2 225.5	3 034.9	3 810.7	3 494.1
Coal	126.8	166.4	193.2	234.8	297.3	321.2
Uranium	20.7	56.1	114.1	231.5	185.2	169.1
Total	1 192.2	1 484.4	2 532.8	3 501.2	4 293.2	3 984.4
Metals and other minerals a						
Gold	391.7	399.6	455.9	592.6	438.0	575.4
Iron ore	137.9	161.3	285.4	449.8	588.7	524.1
Base metals, silver and cobalt b	261.3	356.7	555.0	783.2	519.1	457.2
Mineral sands	27.6	29.2	37.3	37.0	30.6	16.0
Diamonds	23.7	22.6	26.9	21.7	10.0	3.7
Other	38.7	48.8	46.8	110.8	154.3	165.9
Total metals and other minerals a	880.9	1 018.2	1 407.3	1 995.1	1 740.7	1 742.3
Total expenditure	2 073.1	2 502.6	3 940.1	5 496.3	6 033.9	5 726.7

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

Sources: ABARES; Australian Bureau of Statistics, *Mineral and Petroleum Exploration, Australia*, cat. no. 8412.0, Canberra.

15 Annual world indicator prices of selected commodities

	unit	2006–07	2007–08	2008–09	2009–10 s	2010–11 f	2011–12 f
Crops							
Wheat a	US\$/t	212	362	271	209	310	250
Corn b	US\$/t	151	201	190	160	233	218
Rice c	US\$/t	320	551	609	532	530	509
Soybeans d	US\$/t	335	549	421	429	515	474
Cotton e	US\$/lb	58.1	72.9	61.2	77.5	138.8	105.0
Sugar g	US\$/lb	11.7	13.7	15.9	24.0	28.5	20.5
Livestock products							
Beef h	US\$/kg	282	289	307	319	372	396
Wool i	Ac/kg	864	945	794	872	1 000	1 051
Butter j	US\$/t	2 023	4 027	2 485	3 477	4 325	3 900
Cheese j	US\$/t	3 004	5 073	3 281	3 748	4 040	4 100
Skim milk powder j	US\$/t	3 188	4 204	2 333	2 948	3 120	3 180
Energy							
Crude oil							
Dubai	US\$/bbl	61	90	69	74	84	91
West Texas Intermediate	US\$/bbl	63	97	70	75	85	93
brent	US\$/bbl	64	95	69	75	90	93
world trade weighted average k	US\$/bbl	60	92	67	73	83	91
Uranium (U ₃ O ₈) l	US\$/lb	81.17	80.75	51.25	43.81	56.38	64.83
Minerals and metals m							
Aluminium	US\$/t	2 692	2 665	1 781	2 017	2 355	2 455
Copper	US\$/t	7 087	7 791	4 936	6 634	8 839	10 475
Gold n	US\$/oz	639	823	874	1 092	1 319	1 240
Iron ore (negotiated) o	US\$/dmu	73	80	145	97	212	242
Lead	US\$/t	1 694	2 893	1 454	2 095	2 382	2 630
Manganese (negotiated) q	US\$/mtu	3.0	2.7	11.2	3.5	na	na
Nickel	US\$/t	37 909	28 564	13 322	19 390	24 041	24 500
Silver r	US\$/oz	1 274	1 544	1 289	1 688	2 527	2 609
Tin	US\$/t	11 455	18 529	13 576	16 202	23 960	20 011
Zinc	US\$/t	3 672	2 599	1 401	2 001	2 275	2 404

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. ABARES Australia–Japan average contract price assessment. 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 ABARES estimate. f ABARES forecast. na Not available.

Sources: ABARES; Australian Bureau of Statistics; Australian Dairy Corporation; Meat & 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.

16

Gross unit values or prices of farm products ^a

	unit	2006–07	2007–08	2008–09	2009–10	2010–11 ^f	2011–12 ^f
Crops ^b							
Grains and oilseeds							
Winter crops							
barley	\$/t	244	313	231	191	203	193
canola	\$/t	397	543	548	407	521	519
field peas	\$/t	283	407	345	241	229	225
lupins	\$/t	266	335	280	251	351	298
oats	\$/t	322	187	216	185	157	155
triticale	\$/t	223	252	257	220	232	228
wheat	\$/t	242	390	281	242	298	247
Summer crops							
maize	\$/t	249	311	283	266	280	262
rice	\$/t	337	414	528	526	357	338
grain sorghum	\$/t	213	258	205	212	218	205
soybeans ^c	\$/t	353	554	551	466	549	500
sunflower seed ^c	\$/t	706	814	696	584	839	836
Industrial crops							
Cotton lint ^d	c/kg	177	191	193	205	327	249
Sugar cane (cut for crushing)	\$/t	34	26	32	49	40	42
Wine grapes	\$/t	881	787	527	464	490	531
Livestock for slaughter							
Beef ^e	c/kg	292	286	296	288	320	335
– yearling ^e	c/kg	329	324	330	328	369	387
– ox ^e	c/kg	318	308	315	306	328	343
– cow ^e	c/kg	255	253	269	257	286	299
Lamb ^{eg}	c/kg	326	335	424	464	500	517
Mutton ^e	c/kg	136	159	199	322	380	391
Pig ^e	c/kg	255	240	330	309	292	290
Poultry ^h	c/kg	490	534	549	546	546	548
Livestock products							
Wool ⁱ	c/kg	864	945	794	872	1 000	1 051
Milk ^j	c/L	33.2	49.6	42.5	37.3	38.5	38.8

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 18–22 kg. **h** Retail price, fresh whole chickens. **i** Australian Wool Exchange eastern market indicator. **j** Weighted average farmgate price. ^s ABARES estimate. ^f ABARES forecast.

Note: Prices used in these calculation exclude GST.

Sources: ABARES; Australian Bureau of Statistics.

17 World production, consumption, stocks and trade for selected commodities a

	unit	2006-07	2007-08	2008-09	2009-10	2010-11 f	2011-12 f
Farm							
Grains							
Wheat							
production	Mt	597	609	686	677	648	675
consumption	Mt	610	613	638	648	656	670
closing stocks	Mt	124	121	169	198	190	195
exports b	Mt	111	110	136	127	121	127
Coarse grains							
production	Mt	986	1 078	1 107	1 112	1 083	1 149
consumption	Mt	1 008	1 056	1 072	1 099	1 138	1 147
closing stocks	Mt	139	162	193	187	146	156
exports b	Mt	118	127	113	120	113	107
Rice							
production c	Mt	421	434	448	441	451	451
consumption c	Mt	418	426	435	435	452	451
closing stocks c	Mt	75	81	92	95	94	94
exports bd	Mt	30	29	30	30	31	31
Oilseeds and vegetable oils							
Oilseeds							
production	Mt	404	392	396	442	444	467
consumption	Mt	393	401	401	423	451	461
closing stocks	Mt	73	62	56	73	64	69
exports	Mt	83	93	94	111	110	114
Vegetable oils							
production	Mt	122	128	133	139	147	152
consumption	Mt	122	126	130	138	151	151
closing stocks	Mt	10	11	13	13	9	10
exports	Mt	49	54	56	58	58	58
Vegetable protein meals							
production	Mt	224	226	223	239	259	263
consumption	Mt	223	223	223	235	258	262
closing stocks	Mt	8	7	6	7	7	8
exports	Mt	69	72	69	69	74	74
Industrial crops							
Cotton							
production	Mt	27	26	23	22	25	28
consumption	Mt	27	27	24	26	26	27
closing stocks	Mt	14	13	13	10	9	10
exports	Mt	8	8	7	8	8	9
Sugar							
production	Mt	166	167	150	161	168	177
consumption	Mt	157	161	160	164	168	171
closing stocks	Mt	66	70	60	57	58	64
exports	Mt	49	48	48	53	51	48

Continued

17 World production, consumption, stocks and trade for selected commodities a

continued

	unit	2006-07	2007-08	2008-09	2009-10	2010-11 f	2011-12 f
Livestock products							
Meat deg							
production	Mt	249	250	251	248	249	251
consumption	Mt	238	246	250	247	248	251
closing stocks	Mt	3.9	4.4	5.0	4.9	4.8	4.5
exports b	Mt	21.9	23.9	20.8	20.6	20.7	21.0
Wool h							
production	kt	1 225	1 202	1 170	1 055	1 133	1 145
consumption di	kt	1 240	1 185	1 105	1 115	1 120	1 170
closing stocks j	kt	115	120	115	55	68	43
exports k	kt	590	553	484	501	493	497
Butter dg							
production	kt	7 594	7 881	8 041	8 174	8 423	8 600
consumption	kt	7 281	7 474	7 541	7 768	7 900	8 050
closing stocks	kt	201	240	271	177	208	220
exports	kt	833	725	814	805	788	805
Skim milk powder gl							
production d	kt	3 489	3 530	3 708	3 641	3 753	3 840
consumption d	kt	3 158	3 220	3 187	3 294	3 429	3 500
closing stocks d	kt	268	331	540	516	409	340
exports	kt	1 141	1 103	1 152	1 287	1 360	1 420
Energy d							
Crude oil							
Production							
world m	mbd	85.7	86.5	85.2	87.3	89.2	90.6
OPEC n	mbd	34.9	35.8	33.5	34.5	35.7	36.8
Consumption m							
	mbd	86.5	86.2	85.0	87.8	89.2	90.6
Coal d							
Production							
hard coal q	Mt	5 306	5 653	5 842	6 050	6 225	6 443
brown coal	Mt	954	965	913	930	935	954
Exports							
metallurgical coal	Mt	227	236	211	254	264	278
thermal coal	Mt	696	704	725	771	792	829
Uranium (U₃O₈) d							
Production rs	kt	48.6	53.5	58.0	54.2	59.4	65.0
Consumption	kt	77.7	76.2	77.2	82.0	86.8	86.2
Metals d							
Bauxite production	kt	209 014	218 864	193 266	197 500	209 243	273 525
Alumina production	kt	79 619	78 905	77 334	85 012	87 450	92 720
Aluminium							
production	kt	38 136	39 693	37 180	40 871	43 945	46 992
consumption	kt	37 566	37 009	34 811	39 620	43 405	46 247
closing stocks t	kt	2 961	4 709	6 485	6 654	7 194	7 939

Continued

17 World production, consumption, stocks and trade for selected commodities a

continued

	unit	2006-07	2007-08	2008-09	2009-10 s	2010-11 f	2011-12 f
Iron and steel d							
Production							
iron ore u	Mt	1 699	1 693	1 588	1 977	2 105	2 217
pig iron	Mt	946	927	900	1 062	1 137	1 210
crude steel	Mt	1 344	1 330	1 220	1 413	1 512	1 609
Iron ore trade	Mt	830	897	948	1 041	1 089	1 163
Gold d							
Mine production	t	2 474	2 409	2 572	2 653	2 703	2 693
Supply	t	3 940	3 957	4 276	4 220	3 938	3 693
Fabrication consumption v	t	3 089	2 889	2 416	2 741	2 639	2 647
Base metals d							
Copper							
production w	kt	18 029	18 498	18 596	19 052	19 705	20 745
consumption	kt	18 108	18 094	18 349	19 280	19 867	20 916
closing stocks	kt	666	816	990	762	599	428
Lead							
production w	kt	8 117	8 653	8 709	9 112	9 644	9 831
consumption	kt	8 177	8 648	8 628	9 023	9 550	9 837
closing stocks	kt	265	306	388	414	522	517
Nickel							
production w	kt	1 430	1 396	1 331	1 407	1 522	1 638
consumption	kt	1 326	1 278	1 241	1 401	1 506	1 596
closing stocks	kt	125	155	234	240	256	297
Tin							
production w	kt	349	332	333	352	369	369
consumption	kt	357	337	322	368	375	375
closing stocks	kt	35	32	46	16	5	45
Zinc							
production w	kt	11 360	11 655	11 306	12 533	13 234	13 763
consumption	kt	11 307	11 436	10 873	12 469	13 217	13 476
closing stocks	kt	580	764	923	1 156	1 004	1 292
Mineral sands d							
Production							
ilmenite x	kt	12 039	11 132	9 332	9 396	9 652	10 554
titaniferous slag	kt	2 525	2 540	2 092	2 625	2 665	2 690
rutile concentrate	kt	601	609	581	680	697	681
zircon concentrate	kt	1 508	1 378	1 112	1 213	1 272	1 297

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 Non-fat dry milk. m Calendar year data, 2005-06 = 2006, includes crude oil, marine bunkers, refinery fuel, non-conventional oil and natural gas liquids. 1 million litres a year equals about 17.2 barrels a day. n Calendar year data, 2005-06 = 2006, includes OPEC natural gas liquids. q Includes anthracite and bituminous coal, and for the United States, Australia and New Zealand, sub-bituminous coal. r World production data have 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. y ABARES estimate. f ABARES forecast. na Not available.

Sources: ABARES; Australian Bureau of Statistics; Meat & 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 Grains 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; Poimena Analysis, Beef + Lamb New Zealand; Capewools South Africa; Argentine Wool Federation.

18 Commodity production

Australia

	unit	2006-07	2007-08	2008-09	2009-10 s	2010-11 f	2011-12 f
Crops							
Grains and oilseeds							
Winter crops							
barley	kt	4 257	7 160	7 997	7 909	9 334	8 854
canola	kt	573	1 214	1 844	1 920	2 136	2 232
chickpeas	kt	229	313	443	445	379	473
field peas	kt	140	268	238	356	434	350
lupins	kt	470	662	708	823	618	699
oats	kt	748	1 502	1 160	1 180	1 536	1 286
triticale	kt	199	450	363	545	685	537
wheat	kt	10 822	13 569	21 420	21 923	26 325	24 264
Summer crops							
cottonseed s	kt	388	188	466	547	1 186	1 564
maize	kt	239	387	376	328	373	328
rice	kt	163	18	65	206	802	1 012
grain sorghum	kt	1 283	3 790	2 692	1 598	2 221	2 379
soybeans	kt	34	35	80	60	47	44
sunflower seed	kt	21	73	55	41	45	38
other oilseeds a	kt	34	56	34	41	40	38
Total grains and oilseeds	kt	19 602	29 683	37 940	37 921	46 161	44 097
Industrial crops							
Cotton lint	kt	301	133	329	387	839	1 106
Sugar cane (cut for crushing)	kt	36 397	32 621	31 457	31 027	27 350	30 027
Sugar (tonnes actual)	kt	5 026	4 763	4 634	4 519	3 620	3 852
Wine grapes	kt	1 410	1 837	1 684	1 533	1 502	1 654
Livestock slaughterings							
Number slaughtered							
Cattle and calves	'000	9 081	8 799	8 643	8 364	8 349	8 500
Cattle exported live b	'000	638	713	856	907	807	753
Sheep	'000	13 271	11 158	10 501	7 333	6 580	6 750
Lambs	'000	20 158	20 529	20 395	19 478	19 200	18 950
Sheep exported live b	'000	4 138	4 069	4 064	3 055	3 100	3 100
Pigs	'000	5 322	5 217	4 499	4 561	4 589	4 709
Meat produced							
Beef and veal c	kt	2 226	2 155	2 137	2 109	2 150	2 190
Lamb c	kt	413	428	416	413	410	405
Mutton c	kt	271	243	220	162	154	158
Pig meat	kt	382	377	322	331	333	338
Poultry meat c	kt	855	835	866	872	885	910
Total	kt	4 147	4 039	3 961	3 886	3 932	4 001

Continued

18 Commodity production *continued*

Australia

	unit	2006-07	2007-08	2008-09	2009-10 s	2010-11 f	2011-12 f
Livestock products							
Wool d	kt	502	459	420	412	402	409
Milk e	ML	9 583	9 223	9 388	9 023	9 110	9 300
Butter g	kt	133	128	148	128	122	125
Cheese	kt	364	361	342	349	348	353
Casein	kt	8	10	10	8	6	7
Skim milk powder h	kt	191	164	212	190	191	196
Whole milk powder	kt	135	142	148	126	137	139
Buttermilk powder	kt	14	13	15	13	13	13
Forestry							
Logs	'000 m ³	27 192	28 532	25 543	24 819	27 079	30 676
Fisheries i							
Tuna	kt	13.1	14.6	13.7	11.4	12.0	12.1
Salmonids j	kt	25.6	25.9	30.0	32.0	35.5	38.0
Other fish	kt	118.8	119.6	122.1	120.4	110.8	111.9
Prawns	kt	20.8	22.8	24.2	26.5	24.5	23.9
Rock lobster	kt	14.3	14.3	12.2	10.1	9.7	9.6
Abalone	kt	5.5	5.3	5.6	4.7	5.4	5.7
Scallops	kt	10.5	10.3	7.6	7.5	8.0	8.8
Oysters	kt	15.4	13.5	14.2	14.9	14.7	14.9
Other molluscs	kt	9.3	6.8	6.5	7.5	6.0	6.7
Other crustaceans	kt	6.5	6.4	5.8	5.0	5.0	5.2
Energy							
Coal							
black, salable	Mt	325.4	326.2	339.6	365.9	379.0	412.3
black, raw	Mt	417.0	422.8	446.2	471.1	479.7	535.5
brown	Mt	65.6	66.0	68.3	68.7	na	na
Petroleum							
crude oil and condensate	ML	28 366	25 192	26 950	25 572	27 802	30 077
petroleum products k	ML	43 652	44 086	44 111	41 892	42 728	42 823
natural gas l	Gm ³	40.8	41.7	44.5	49.0	54.3	63.3
LPG (naturally occurring)	ML	4 550	3 971	3 930	4 096	4 066	4 109
Uranium (U ₃ O ₈)	t	9 594	10 114	10 311	7 156	8 682	9 575
Metalliferous minerals and metals o							
Aluminium							
bauxite	Mt	62.7	63.5	64.1	67.5	68.4	69.6
alumina	kt	18 506	19 359	19 597	20 057	20 170	22 100
aluminium (ingot metal)	kt	1 954	1 964	1 974	1 918	1 962	1 997
Copper							
mine production n	kt	859	863	890	819	916	1 005
refined, primary	kt	435	444	499	395	483	506
Gold							
mine production n	t	250.8	229.7	217.9	239.7	273.8	282.0

Continued

18 Commodity production *continued*

Australia

	unit	2006-07	2007-08	2008-09	2009-10	2010-11 f	2011-12 f	
Metalliferous minerals and metals (continued)								
Iron and steel								
ore and concentrate	o	Mt	287.7	324.7	353.0	423.4	447.9	469.8
iron and steel		Mt	8.0	8.2	5.6	6.9	7.7	8.0
Lead								
mine production	n	kt	642	641	596	604	597	614
refined	q	kt	191	203	213	189	185	255
bullion		kt	114	152	155	148	144	149
Manganese								
ore, metallurgical grade		kt	5 046	5 412	3 730	5 795	6 715	6 614
metal content of ore		kt	2 037	2 180	1 504	2 365	2 705	2 664
Nickel								
mine production	n	kt	191	190	185	160	178	203
refined, class I	s	kt	104	105	95	114	116	120
refined, class II	t	kt	15	15	15	6	8	12
total ore processed	u	kt	225	222	213	200	219	243
Silver								
mine production	n	t	1 674	1 867	1 775	1 749	1 746	1 982
refined		t	618	606	751	698	693	732
Tin								
mine production	n	t	2 061	1 767	4 045	19 829	18 410	9 202
refined		t	321	na	na	na	na	na
Titanium								
ilmenite concentrate		kt	2 383	2 205	1 932	1 472	1 378	1 237
leucoxene concentrate		kt	169	153	117	123	200	228
rutile concentrate		kt	279	332	285	355	341	319
synthetic rutile	s	kt	729	672	732	553	565	568
titanium dioxide pigment	s	kt	207	201	214	222	221	204
Zinc								
mine production	n	kt	1 375	1 571	1 411	1 362	1 505	1 540
refined		kt	496	507	506	515	520	520
Zircon concentrate		kt	564	563	485	408	568	589
Other minerals								
Diamonds		'000 ct	24 632	16 528	15 169	11 138	9 953	12 050
Salt		kt	10 857	12 043	11 311	11 745	12 207	11 878

a Linseed and safflower seed. **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 whole milk 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** Includes salmon and trout production. **k** Includes production from petrochemical plants. **l** Includes ethane, methane and non-commercial natural gas. **m** Uranium is included with energy. **n** Primary production, metal content. **o** Excludes iron oxide not intended for metal extraction. **q** Includes lead content of lead alloys from primary sources. **r** Products with a nickel content of 99 per cent or more. Includes electrolytic nickel, pellets, briquettes and powder. **t** Products with a nickel content of less than 99 per cent. Includes ferronickel, nickel oxides and oxide sinter. **u** Includes imported ore for further processing. **s** ABARES estimate. **f** ABARES forecast.

Sources: ABARES; 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.

19 Gross value of farm and fisheries production

Australia

	2006–07 \$m	2007–08 \$m	2008–09 \$m	2009–10 s \$m	2010–11 f \$m	2011–12 f \$m
Crops						
Grains and oilseeds						
Winter crops						
barley	1 039	2 244	1 850	1 514	1 894	1 707
canola	227	659	1 011	781	1 113	1 159
chickpeas	151	195	199	194	182	220
field peas	40	109	82	86	99	79
lupins	125	222	198	206	217	209
oats	241	281	251	218	241	200
triticale	44	113	93	120	159	122
wheat	2 619	5 292	6 021	5 315	7 855	5 990
Summer crops						
maize	60	120	106	87	104	86
rice	55	7	34	108	286	342
grain sorghum	274	977	553	339	483	487
soybeans	12	19	44	28	26	22
sunflower seed	15	59	38	24	38	32
other oilseeds a	21	35	28	35	36	34
Total grains and oilseeds	5 122	10 619	10 783	9 379	13 192	11 074
Industrial crops						
Cotton lint and cottonseed b	542	254	693	876	2 427	2 773
Sugar cane (cut for crushing)	1 221	861	1 021	1 505	1 103	1 271
Wine grapes	1 243	1 446	887	711	736	878
Total industrial crops	3 005	2 560	2 601	3 092	4 266	4 923
Horticulture						
Table and dried grapes	240	202	286	225	243	252
Fruit and nuts (excl grapes)	3 499	2 758	2 871	2 912	3 239	3 523
Vegetables	3 165	3 363	3 012	3 058	3 249	3 736
Other horticulture	1 730	1 693	1 564	1 727	1 898	2 013
Total horticulture	8 633	8 015	7 733	7 921	8 628	9 524
Other crops nei c	1 683	2 858	1 711	1 695	1 670	1 645
Total crops	18 443	24 052	22 828	22 087	27 757	27 166

Continued

19 Gross value of farm and fisheries production *continued*

Australia

	2006–07 \$m	2007–08 \$m	2008–09 \$m	2009–10 ^s \$m	2010–11 ^f \$m	2011–12 ^f \$m
Livestock slaughterings						
Cattle and calves ^d	7 550	6 902	7 123	6 982	7 714	8 384
Cattle exported live ^e	437	451	559	600	541	510
Sheep ^g	380	400	428	534	599	631
Lambs ^{gh}	1 387	1 481	1 725	1 960	2 098	2 137
Sheep exported live	289	286	339	297	335	352
Pigs	944	902	895	861	818	825
Poultry	1 294	1 637	1 861	1 900	1 920	1 940
Total livestock slaughterings ^k	12 335	12 103	12 983	13 185	14 076	14 830
Livestock products						
Wool ⁱ	2 282	2 309	1 806	2 268	2 573	2 794
Milk ^j	3 178	4 572	3 988	3 365	3 507	3 608
Eggs	388	468	413	450	480	490
Honey and beeswax	70	64	86	90	92	94
Total livestock products	5 917	7 412	6 293	6 174	6 652	6 987
Total farm	36 695	43 567	42 103	41 446	48 485	48 983
Forestry products						
Logs	1 713	1 843	1 733	1 659	1 864	2 171
Fisheries products ^l						
Tuna	161	210	187	124	152	160
Salmonids ^m	291	302	326	370	414	443
Other fish ⁿ	397	412	390	402	370	374
Prawns	267	272	290	321	309	295
Rock lobster	461	425	415	375	419	429
Abalone	217	189	188	178	175	188
Scallops	29	33	26	26	21	21
Oysters	91	89	93	98	103	110
Pearls ^r	124	114	90	86	78	78
Other molluscs ^o	70	60	59	84	61	61
Other crustaceans	63	63	66	53	53	57
Total fish ^q	2 217	2 214	2 221	2 124	2 073	2 100

a Linseed, safflower seed 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 18–22 kg. **i** Shorn, dead and fellmongered wool and wool exported on skins. **j** Milk intake by factories and valued at the farm gate. **k** Total livestock slaughterings includes livestock disposals. **l** Value to fishermen of product landed in Australia. **m** Includes salmon and trout production. **n** Includes an estimated value of aquaculture. **o** Includes Northern Territory aquaculture production. **q** Also includes fish and aquaculture values not elsewhere included. **r** Excludes Northern Territory. **s** ABARES estimate. **f** ABARES forecast.

Note: The gross value of production is the value placed on recorded production at the wholesale prices realised in the marketplace. The point of measurement can vary between commodities. Generally the marketplace 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 marketplace. Prices used in these calculations exclude GST.

Sources: ABARES; Australian Bureau of Statistics.

20 Crop areas and livestock numbers

Australia

	unit	2006-07	2007-08	2008-09	2009-10 s	2010-11 f	2011-12 f
Crop areas							
Grains and oilseeds							
Winter crops							
barley	'000 ha	4 182	4 902	5 015	4 446	4 077	3 931
canola	'000 ha	1 052	1 277	1 693	1 712	1 642	1 742
chickpeas	'000 ha	284	306	338	363	546	491
field peas	'000 ha	384	293	300	285	292	277
lupins	'000 ha	736	752	577	698	568	574
oats	'000 ha	1 003	1 238	870	865	917	871
triticale	'000 ha	369	360	323	350	330	323
wheat	'000 ha	11 798	12 578	13 530	14 028	13 374	13 808
Summer crops							
maize	'000 ha	49	68	65	59	61	58
rice	'000 ha	20	2	8	19	89	112
grain sorghum	'000 ha	613	942	767	516	637	702
soybeans	'000 ha	14	15	42	31	19	20
sunflower seed	'000 ha	17	48	52	27	29	28
other oilseeds a	'000 ha	43	49	22	16	17	18
Total grains and oilseeds	'000 ha	21 186	23 237	24 084	23 937	23 574	23 891
Industrial crops							
Cotton	'000 ha	144	63	164	208	590	550
Sugar cane b	'000 ha	409	381	391	386	353	380
Winegrapes	'000 ha	163	166	157	152 e	153 e	154 e
Livestock numbers c							
Cattle							
beef	million	25.37	24.78	25.29	24.25	24.78	25.39
dairy	million	2.66	2.54	2.61	2.48	2.50	2.51
milking herd d	million	1.80	1.64	1.68	1.55	1.57	1.58
total	million	28.04	27.32	27.91	26.73	27.28	27.90
Sheep	million	85.7	76.9	72.7	68.0	68.4	68.9
Pigs	million	2.60	2.41	2.30	2.30	2.13	2.14

a Linseed and safflower seed. b Cut for crushing. c At 30 June. d Cows in milk and dry. e This figure is for grapes for wine only. Prior to 2008-09 this figure includes grapes used for winemaking and other purposes such as drying and table. s ABARES estimate. f ABARES forecast. Sources: ABARES; Australian Bureau of Statistics.

21 Average farm yields

Australia

	unit	2006-07	2007-08	2008-09	2009-10 s	2010-11 f	2011-12 f
Crops							
Grains and oilseeds							
Winter crops							
barley	t/ha	1.02	1.46	1.59	1.78	2.29	2.25
canola	t/ha	0.54	0.95	1.09	1.12	1.30	1.28
chickpeas	t/ha	0.81	1.02	1.31	1.23	0.69	0.96
field peas	t/ha	0.37	0.91	0.79	1.25	1.49	1.26
lupins	t/ha	0.64	0.88	1.23	1.18	1.09	1.22
oats	t/ha	0.75	1.21	1.33	1.36	1.68	1.48
triticale	t/ha	0.54	1.25	1.12	1.56	2.07	1.66
wheat	t/ha	0.92	1.08	1.58	1.56	1.97	1.76
Summer crops							
maize	t/ha	4.92	5.69	5.82	5.56	6.11	5.65
rice	t/ha	8.15	8.15	8.18	10.84	8.99	8.99
grain sorghum	t/ha	2.09	4.02	3.51	3.10	3.49	3.39
soybeans	t/ha	2.51	2.34	1.89	1.90	2.47	2.21
sunflower seed	t/ha	1.25	1.51	1.07	1.54	1.55	1.36
Industrial crops							
Cotton (lint)	t/ha	2.10	2.12	2.01	1.86	1.42	2.01
Sugar cane (for crushing)	t/ha	89	86	80	80	77	79
Winegrapes	t/ha	8.7	11.1	10.7	10.1	9.8	10.7
Livestock							
Wool a	kg/sheep	4.09	4.30	4.30	4.30	4.41	4.45
Whole milk	L/cow	5 336	5 624	5 602	5 810	5 803	5 886

a Shorn (including lambs). s ABARES estimate. f ABARES forecast.

Sources: ABARES; Australian Bureau of Statistics.

22 Volume of commodity exports

Australia

	unit	2006-07	2007-08	2008-09	2009-10	2010-11 f	2011-12 f
Farm							
Grains and oilseeds							
Winter crops							
barley a	kt	3 136	4 051	3 898	4 234	4 878	5 299
canola	kt	238	519	973	1 238	1 438	1 766
chickpeas	kt	244	218	467	459	333	347
lupins	kt	174	76	157	377	340	385
oats (unprepared)	kt	62	115	196	216	211	264
peas b	kt	248	142	118	163	233	171
wheat c	kt	11 196	7 408	13 410	13 725	16 222	16 511
Summer crops							
cottonseed	kt	104	18	37	106	231	741
rice	kt	491	78	32	88	266	651
grain sorghum	kt	46	251	1 368	487	443	454
other oilseeds d	kt	13	11	10	13	8	10
Total grains and oilseeds	kt	15 950	12 886	20 667	21 107	24 604	26 600
Industrial crops							
Raw cotton e	kt	487	266	260	395	528	926
Sugar	kt	3 719	3 493	3 268	3 506	2 429	2 476
Wine	ML	798	709	750	775	784	800
Meat and live animals for slaughter							
Beef and veal gh	kt	974	930	968	899	910	930
Live cattle i	'000	638	713	856	907	807	753
Lamb g	kt	150	163	156	157	156	148
Live sheep i	'000	4 138	4 069	4 064	3 055	3 100	3 100
Mutton g	kt	162	158	146	111	103	106
Pig meat g	kt	41	39	32	30	33	34
Poultry meat g	kt	28	30	37	28	28	30
Wool							
Greasy js	kt	402	343	314	308	310	311
Semi-processed	kt (gr. eq.)	82	67	62	49	40	41
Skins	kt (gr. eq.)	92	73	69	70	64	65
Total js	kt (gr. eq.)	576	483	446	428	414	417
Dairy products							
Butter k	kt	81	57	70	74	62	62
Cheese	kt	213	203	146	168	164	167
Casein	kt	12	9	8	10	6	6
Skim milk powder	kt	164	123	162	126	130	137
Whole milk powder	kt	94	82	116	91	102	107

Continued

22 Volume of commodity exports *continued*
Australia

	unit	2006-07	2007-08	2008-09	2009-10	2010-11 f	2011-12 f
Forest products							
Woodchips	kt	5 952	6 166	5 255	4 818	5 790	7 078
Fisheries products							
Tuna	kt	11.6	12.6	11.5	9.5	9.2	9.3
Other fish	kt	11.4	9.8	14.2	11.2	10.4	10.8
Prawns I							
headless	kt	0.1	0.4	0.5	0.5	0.5	0.5
whole	kt	6.0	3.9	4.0	3.8	3.8	3.7
Rock lobster							
tails	kt	1.5	1.0	0.8	0.6	0.5	0.5
whole	kt	8.3	8.1	8.4	7.0	6.7	6.6
Abalone							
fresh, chilled or frozen	kt	2.2	2.1	2.1	2.2	2.3	2.4
prepared or preserved	kt	1.7	1.4	1.2	1.4	1.4	1.4
Scallops m	kt	1.4	1.1	1.1	1.1	1.2	1.3
Mineral resources							
Energy							
Crude oil n	ML	15 965	15 975	16 588	18 064	20 705	22 085
LPG	ML	2 824	2 589	2 500	2 776	2 549	2 578
LNG os	Mt	14.332	13.678	15.410	17.866	18.641	20.801
Bunker fuel q	ML	2 156	2 169	2 217	2 285	2 222	2 172
Petroleum products	ML	1 752	1 807	1 164	850	793	823
Metallurgical coal	Mt	132.0	136.9	125.2	157.3	156.2	174.0
Thermal coal	Mt	111.6	115.1	136.4	135.0	147.9	161.0
Uranium (U ₃ O ₈)	t	9 519	10 139	10 114	7 555	8 682	9 575

Continued

22 Volume of commodity exports *continued*

Australia

	unit	2006–07	2007–08	2008–09	2009–10	2010–11 f	2011–12 f
Mineral resources (continued)							
Metalliferous minerals and metals r							
Aluminium							
alumina	kt	15 056	15 739	16 395	16 653	16 587	18 205
aluminium (ingot metal)	kt	1 638	1 650	1 748	1 624	1 716	1 698
Copper							
ore and concentrate t	kt	1 493	1 694	1 797	1 928	1 917	2 028
refined	kt	290	296	361	271	380	354
Gold u	t	400	382	437	335	348	410
Iron and steel							
iron ore and pellets	Mt	257.4	294.3	323.5	389.9	417.6	439.6
iron and steel v	kt	2 648	2 131	1 741	1 549	1 993	1 841
Lead							
ores and concentrates	kt	422	308	381	491	474	450
refined	kt	215	193	261	186	206	239
bullion	kt	112	169	147	151	136	150
Manganese t	kt	4 667	5 105	3 226	5 648	5 701	5 994
Nickel us	kt	207	211	194	222	226	227
Titanium							
ilmenite concentrate w	kt	999	894	1 538	1 763	1 745	1 517
leucoxene concentrate	kt	123	56	20	18	27	31
rutile concentrate	kt	307	399	550	575	515	489
synthetic rutile s	kt	508	513	512	513	527	529
titanium dioxide pigment	kt	171	175	141	181	178	177
Refined silver	t	431	335	423	420	407	498
Tin u	t	1 867	3 079	4 159	6 031	5 694	6 003
Zinc							
ores and concentrates t	kt	1 948	2 323	2 101	2 271	2 408	2 567
refined	kt	374	411	451	425	449	445
Zircon concentrate x	kt	555	637	685	748	975	1 008
Other minerals							
Diamonds	'000 ct	24 632	16 528	16 279	10 355	10 550	12 050
Salt	kt	10 749	10 686	10 978	11 185	11 444	11 744

a Includes the grain equivalent of malt. **b** Includes field peas and cowpeas. **c** Includes the wheat equivalent of flour. **d** Includes soybeans, linseed, sunflower seed, safflower seed 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, and dairy spreads, all expressed as butter. **l** Excludes volume of other prawn products. **m** Includes crumbed scallops. **n** Includes condensate and other refinery feedstock. **o** 1 million tonnes of LNG equals about 1.31 billion cubic metres of gas. **q** International ships and aircraft stores. **r** Uranium is included with energy. **t** Quantities refer to gross weight of all ores and concentrates. **u** Quantities refer to total metallic content of all ores, concentrates, intermediate products and refined metal. **v** Includes all steel items in ABS, *Australian Harmonized Export Commodity Classification*, ch. 72, 'Iron and steel', excluding ferrous waste and scrap and ferroalloys. **w** Excludes leucoxene and synthetic rutile. **x** Data from 1991–92 refer to standard grade zircon only. **s** ABARES estimate. **f** ABARES forecast.

Sources: ABARES; Australian Bureau of Statistics, *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.

Export values

23 Value of commodity exports (fob)

Australia

	2006-07 \$m	2007-08 \$m	2008-09 \$m	2009-10 \$m	2010-11 f \$m	2011-12 f \$m
Farm						
Grains and oilseeds						
Winter crops						
barley a	833	1 496	1 321	1 093	1 454	1 485
canola	108	303	595	583	801	991
chickpeas	168	139	275	255	172	179
lupins	38	31	61	115	109	124
oats	20	37	64	53	57	69
peas b	80	61	62	60	72	59
wheat c	2 765	2 990	5 028	3 692	5 012	4 564
Summer crops						
cottonseed	31	8	19	46	85	328
rice	347	71	31	78	240	565
grain sorghum	13	76	405	116	111	129
other oilseeds d	22	27	27	24	19	31
Total grains and oilseeds	4 426	5 240	7 890	6 113	8 133	8 524
Industrial crops						
Raw cotton e	823	466	500	755	1 502	1 915
Sugar	1 510	1 006	1 338	1 887	1 367	1 413
Wine	2 990	2 683	2 428	2 172	2 053	2 110
Total	5 323	4 155	4 266	4 814	4 922	5 438
Other crops	3 337	3 632	4 730	4 329	4 006	3 973
Total crops	13 086	13 027	16 886	15 256	17 061	17 935
Meat and live animals for slaughter						
Beef and veal	4 634	4 190	4 857	3 953	4 121	4 306
Live cattle g	437	451	559	600	541	510
Lamb	748	803	925	916	975	994
Live sheep g	289	286	339	297	335	352
Mutton	458	443	482	433	450	476
Pig meat	142	128	124	109	110	113
Poultry meat	26	32	43	36	38	41
Total	6 734	6 333	7 329	6 344	6 570	6 791
Wool						
Greasy h	2 316	2 115	1 729	1 777	1 955	2 063
Semi-processed	393	362	281	238	212	226
Skins	356	319	312	291	358	343
Total h	3 065	2 796	2 322	2 307	2 525	2 633
Dairy products						
Butter	179	195	232	211	260	222
Cheese	824	968	796	715	725	730
Casein	113	125	107	88	60	50
Skim milk powder	505	533	553	358	402	399
Whole milk powder	275	392	475	296	352	366
Other dairy products	542	550	515	397	441	453
Total	2 438	2 763	2 679	2 066	2 240	2 220
Other livestock exports	2 577	2 611	2 836	2 632	2 762	2 961
Total livestock exports	14 815	14 503	15 166	13 349	14 096	14 605
Total farm exports	27 900	27 530	32 052	28 605	31 157	32 540

Continued

23 Value of commodity exports (fob) *continued*

Australia

	2006-07	2007-08	2008-09	2009-10	2010-11 f	2011-12 f
	\$m	\$m	\$m	\$m	\$m	\$m
Forest products						
Woodchips	950	1 072	997	856	1 004	1 192
Pulp and paper products	949	1 005	964	992	1 075	1 139
Other	455	394	382	412	489	533
Total	2 355	2 471	2 343	2 260	2 567	2 864
Fisheries products						
Tuna	162	206	177	118	142	147
Other fish	118	119	157	140	130	118
Prawns i						
headless	2	6	8	5	4	4
whole	89	56	71	53	50	51
Rock lobster						
tails	102	63	53	35	30	31
whole	357	333	405	363	421	431
Abalone						
fresh, chilled or frozen	139	124	119	133	126	130
prepared or preserved	107	93	89	83	79	77
Scallops j	35	28	33	30	30	33
Pearls	314	264	366	244	222	222
Other fisheries products	69	49	52	43	51	67
Total	1 494	1 342	1 529	1 247	1 287	1 312
Total rural exports k						
Derived as sum of above	31 749	31 343	35 924	32 111	35 011	36 716
On balance of payments basis l	30 400	29 971	33 917	30 433	33 107	32 796
Mineral resources						
Energy						
Crude oil m	8 317	10 484	8 757	9 534	11 622	13 758
LPG	1 038	1 182	1 044	1 105	1 059	1 174
LNG	5 222	5 854	10 079	7 789	8 305	9 223
Bunker fuel n	1 295	1 457	1 537	1 315	1 442	1 492
Other petroleum products	1 098	1 323	788	566	621	767
Metallurgical coal	15 039	16 038	36 813	24 526	34 209	41 889
Thermal coal	6 758	8 365	17 885	11 886	15 131	19 341
Uranium (U ₃ O ₈)	660	887	990	751	960	1 143
Total						
derived as sum of above	39 427	45 591	77 892	57 472	73 349	88 786
on balance of payments basis (excl. bunker fuel)	37 569	43 488	75 664	55 522	70 509	86 357
Metalliferous minerals and metals						
Aluminium						
bauxite s	108	206	192	178	206	153
alumina	6 243	5 809	6 015	4 969	5 507	7 257
aluminium (ingot metal)	5 650	4 967	4 724	3 838	4 230	4 297
Copper o						
ore and concentrate	3 914	4 151	3 618	4 526	5 942	7 027
refined	2 612	2 579	2 245	1 980	3 369	3 825

Continued

23 Value of commodity exports (fob) *continued*

Australia

	2006–07 \$m	2007–08 \$m	2008–09 \$m	2009–10 \$m	2010–11 f \$m	2011–12 f \$m
Mineral resources (continued)						
Metalliferous minerals and metals (continued)						
Gold o	10 320	10 903	16 146	12 996	14 991	16 810
Iron and steel						
iron ore and pellets	15 512	20 511	34 239	34 515	56 534	63 068
iron and steel	1 743	1 562	1 363	1 120	1 359	1 295
Lead o						
ores and concentrates	855	757	645	998	835	675
refined	457	674	560	425	502	648
bullion	268	595	432	409	358	407
Manganese						
ore s	482	1 532	1 406	1 395	1 464	1 588
Titanium						
ilmenite concentrate q	113	104	171	197	192	167
leucoxene concentrate	35	15	12	11	17	17
rutile concentrate	259	277	335	382	387	394
synthetic rutile s	361	305	258	269	314	334
titanium dioxide pigment	408	375	396	448	457	442
Nickel s	8 469	5 655	2 717	3 875	4 374	4 631
Refined silver	221	187	245	254	341	430
Tin o	25	42	70	101	153	126
Zinc o						
ores and concentrates	2 590	2 031	935	1 237	1 465	1 573
refined	1 707	1 319	923	977	966	1 004
Zircon concentrate r	478	421	540	370	547	566
Total	62 830	64 979	78 188	75 472	104 510	116 734
Other minerals						
Diamonds s	726	625	676	345	380	457
Salt	239	232	237	247	259	272
Other	4 754	6 207	4 765	5 546	7 133	8 370
Total mineral resources exports	107 976	117 635	161 758	139 082	185 631	214 618
Total commodity exports						
Derived as sum of above	139 725	148 978	197 682	171 194	220 643	251 334
On balance of payments t	137 080	146 148	194 138	168 201	217 297	245 923

a Includes the grain equivalent of malt. **b** Field peas and cowpeas. **c** Includes the wheat equivalent of flour. **d** Includes soybeans, linseed, sunflower seed, safflower seed 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** Other prawn products included in other fisheries products. **j** Includes crumbed scallops. **k** Sum of farm, forest and fisheries products. **l** 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 ABARES 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. **m** Includes condensate and other refinery feedstock. **n** International ships and aircraft stores. **o** 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 refer to standard grade zircon only. **t** As derived in table 6.

s ABARES estimate. **f** ABARES forecast.

Sources: ABARES; Australian Bureau of Statistics, *International Trade, Australia*, cat. no. 5465.0, Canberra; Department of Resources, Energy and Tourism.

24 Value of imports of selected commodities

Australia

	2005–06	2006–07	2007–08	2008–09	2009–10
	\$m	\$m	\$m	\$m	\$m
Fisheries products					
Edible fisheries products					
fresh, chilled or frozen fish					
canned fish	229	244	257	331	257
smoked, dried or salted fish	36	53	45	50	46
other fish preparations	64	88	87	107	106
shellfish a	426	483	417	458	494
total	1 028	1 184	1 132	1 283	1 246
Non-edible fisheries products					
pearls	159	182	166	321	171
other	78	101	99	107	98
total	237	283	266	427	269
Total fisheries products	1 266	1 467	1 398	1 710	1 515
Forest products					
sawnwood	419	418	492	405	429
wood-based panels	228	276	284	271	250
pulp and paper products	2 839	3 007	3 049	3 130	2 916
other b	530	569	586	653	604
Total forest products	4 017	4 271	4 412	4 459	4 200
Mineral and energy resources					
aluminium (ingot metal)	20	11	10	10	27
diamonds	403	397	444	417	442
ferroalloys	123	116	154	181	118
gold (refined and unrefined)	4 800	5 309	7 311	11 250	7 739
ingot steel	2 075	2 479	2 225	3 191	1 889
iron ore	222	338	311	269	259
petroleum					
crude oil c	12 822	13 360	17 149	14 727	15 031
natural gas	152	800	724	2 166	1 219
petroleum products d	8 608	7 784	12 730	13 129	11 296
phosphate rock	42	32	80	193	10
phosphates	322	267	778	549	347
silver	33	98	80	223	107
other	300	707	483	794	1 183
Total mineral and energy resources	29 922	31 698	42 479	47 098	39 666

a Includes all crustaceans and molluscs, including canned. **b** Includes roundwood, other processed wood and minor forest products.

c Includes condensate and other refinery feedstock. **d** Includes LPG.

Sources: ABARES; Australian Bureau of Statistics, *International Trade, Australia*, cat. no. 5465.0, Canberra; Department of Agriculture, Fisheries and Forestry.

25 Food exports by level of transformation

Australia

	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed						
Live animals except fish	594	668	752	761	924	924
Fish or shellfish	584	657	632	647	747	650
Horticulture						
Vegetables	155	149	147	137	152	150
Fruit and nuts	462	482	451	433	563	472
Total	617	631	598	571	716	622
Grains a	4 672	4 305	3 329	4 221	6 383	4 632
Oilseeds	492	412	167	346	644	657
Food nec	46	49	54	41	49	43
Substantially and elaborately transformed						
Meat						
Meat processing	6 902	6 673	7 048	6 506	7 411	6 313
Poultry processing	20	21	26	32	43	36
Bacon, ham and smallgoods	107	91	43	33	47	54
Total	7 029	6 785	7 117	6 571	7 501	6 403
Seafood	689	606	548	440	417	357
Dairy						
Milk and cream processing	1 108	1 210	1 089	1 258	1 354	880
Ice cream	42	41	42	37	31	31
Cheese	877	837	824	968	796	715
Other dairy products	458	481	482	499	497	440
Total	2 485	2 569	2 438	2 763	2 679	2 066
Fruit and vegetables	511	555	574	568	575	523
Oil and fat	151	150	169	239	303	289
Flour mill and cereal food						
Flour mill products	223	230	269	315	419	365
Cereal food and baking mix	219	248	372	287	390	445
Total	441	478	642	602	809	811
Bakery products						
Bread, cake and pastry	18	26	27	26	25	26
Biscuit	114	107	111	118	127	135
Total	132	132	137	144	152	161
Other food						
Sugar a	1 127	1 503	1 551	1 035	1 374	1 924
Confectionery	259	208	215	237	269	260
Food nec	1 080	1 099	1 142	1 094	1 422	1 424
Total	2 467	2 809	2 907	2 366	3 065	3 607
Beverage and malt						
Soft drink, cordial and syrup	46	42	39	38	45	55
Beer and malt	241	218	273	335	447	406
Wine	2 721	2 768	2 894	2 700	2 493	2 188
Spirit	92	91	89	86	105	101
Total	3 100	3 120	3 294	3 159	3 091	2 750
Total food and beverage						
Minimally transformed	7 006	6 722	5 532	6 586	9 463	7 528
Substantially transformed	16 663	16 919	17 530	16 528	18 243	16 606
Elaborately transformed	341	286	297	324	350	362
Total	24 011	23 927	23 359	23 439	28 056	24 495

a Includes ABARES estimates where ABS confidentiality restrictions apply.

26 Food imports by level of transformation

Australia

	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10
	\$m	\$m	\$m	\$m	\$m	\$m
Minimally transformed						
Live animals except fish	1	1	1	1	2	1
Fish or shellfish	46	47	57	65	67	72
Horticulture						
Vegetables	32	41	45	53	49	58
Fruit and nuts	159	191	194	216	225	262
Total	191	233	238	269	274	320
Grains	1	1	2	2	2	3
Oilseeds	25	20	78	49	49	36
Food nec	116	140	176	188	180	229
Substantially and elaborately transformed						
Meat						
Meat processing	345	290	446	381	525	497
Poultry processing	0	0	0	0	0	0
Bacon, ham and smallgoods	41	43	42	50	68	82
Total	387	333	489	431	593	579
Seafood	928	998	1 151	1 095	1 249	1 201
Dairy						
Milk and cream processing	45	45	40	67	69	66
Ice cream	29	30	40	37	39	40
Cheese	248	292	302	377	365	360
Other dairy products	62	66	98	176	157	150
Total	384	432	480	656	631	615
Fruit and vegetables	1 027	1 043	1 233	1 390	1 559	1 367
Oil and fat	376	417	481	489	578	485
Flour mill and cereal food						
Flour mill products	73	57	34	66	83	66
Cereal food and baking mix	285	305	325	462	576	577
Total	358	362	358	527	659	643
Bakery products						
Bread, cake and pastry	120	138	163	175	197	191
Biscuit	177	199	254	267	297	305
Total	297	337	417	442	493	496
Other food						
Sugar	18	19	20	22	44	71
Confectionery	307	333	371	438	518	525
Food nec	1 038	1 075	1 186	1 270	1 492	1 450
Total	1 363	1 427	1 577	1 731	2 054	2 046
Beverage and malt						
Soft drink, cordial and syrup	537	571	656	697	791	798
Beer and malt	99	112	126	161	226	212
Wine	200	248	334	454	502	477
Spirit	390	414	465	491	530	538
Total	1 226	1 345	1 582	1 802	2 050	2 026
Total food and beverage						
Minimally transformed	379	441	551	574	574	661
Substantially transformed	6 119	6 435	7 430	8 167	9 437	9 024
Elaborately transformed	228	259	338	396	429	434
Total	6 725	7 135	8 319	9 138	10 441	10 119

Sources: Australian Bureau of Statistics, *International Trade, Australia*, cat. no. 5465.0, Canberra; ABARES.

27 Total food exports, by selected destination

Australia

	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10
	\$m	\$m	\$m	\$m	\$m	\$m
Canada	447	425	423	402	380	335
China	1 158	786	664	917	1 178	1 426
Chinese Taipei	644	704	595	574	671	625
Egypt	223	471	151	174	315	266
Germany	143	172	123	162	153	109
Hong Kong, China	710	789	827	857	1 082	997
Indonesia	1 234	1 442	1 566	1 702	2 652	2 056
Japan	5 478	4 916	4 752	4 553	5 517	4 277
Korea, Rep. of	1 404	1 634	1 850	1 655	1 873	1 783
Malaysia	902	750	801	799	1 231	883
New Zealand	1 058	1 092	1 203	1 303	1 406	1 344
Philippines	339	285	240	308	563	318
Saudi Arabia	585	777	568	1 144	1 020	566
Singapore	560	622	650	712	792	722
Thailand	297	385	305	393	626	424
United Arab Emirates	276	419	284	445	567	528
United Kingdom	1 202	1 175	1 209	1 136	1 005	784
United States	3 231	3 006	3 058	2 552	3 054	2 414
Other	4 119	4 078	4 092	3 652	3 971	4 639
Total	24 011	23 927	23 359	23 439	28 056	24 495

Sources: Australian Bureau of Statistics, *International Trade, Australia*, cat. no. 5465.0, Canberra; ABARES.

28 Total food imports, by selected source

Australia

	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10
	\$m	\$m	\$m	\$m	\$m	\$m
Brazil	92	78	120	129	150	110
Canada	209	176	254	222	271	237
China ^a	380	416	552	634	776	733
France	165	194	224	279	290	281
India	118	122	144	160	179	168
Indonesia	117	117	140	163	207	198
Ireland	402	468	510	536	559	586
Italy	328	364	427	438	498	467
Malaysia	227	250	279	361	468	402
Netherlands	109	137	169	184	227	201
New Zealand	1 218	1 359	1 472	1 734	1 746	1 877
Papua New Guinea	31	34	38	36	45	44
Singapore	174	164	127	160	207	196
Spain	129	144	194	174	154	187
Thailand	404	450	483	554	713	698
United Kingdom	288	272	298	299	318	334
United States	595	631	721	810	1 006	902
Vietnam	219	245	279	251	299	282
Other	1 522	1 512	1 891	2 013	2 329	2 216
Total	6 725	7 135	8 319	9 138	10 441	10 119

^a Excludes imports from Hong Kong.

Sources: Australian Bureau of Statistics, *International Trade, Australia*, cat. no. 5465.0, Canberra; ABARES.

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