

Australian commodities

Statistical tables



GDP, imports

Contribution to GDP

Australia reference year 2008-09

1998-99

\$809.7b



2008-09

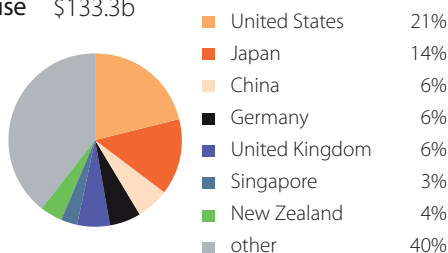
\$1095.4b



Share of Australian imports in 2008-09 dollars

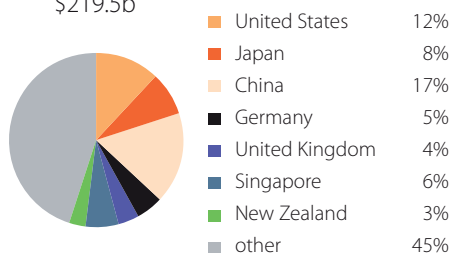
1998-99

Total merchandise \$133.3b



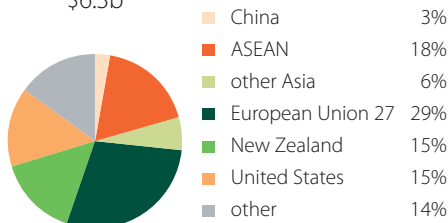
2008-09

\$219.5b

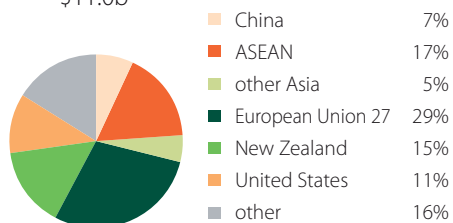


Rural

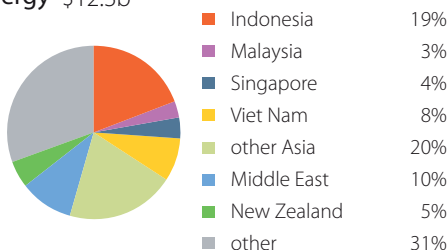
\$6.3b



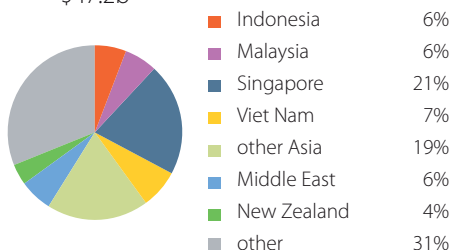
\$11.0b



Minerals and energy \$12.3b



\$47.2b

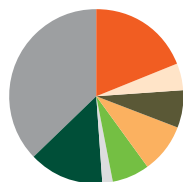


Markets for Australian exports in 2008-09 dollars

1998-99

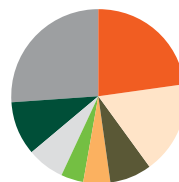
2008-09

Total merchandise \$117.5b



Japan	19%
China	5%
Republic of Korea	7%
United States	9%
New Zealand	7%
India	2%
European Union 27	14%
other	37%

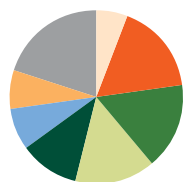
\$230.5b



Japan	23%
China	17%
Republic of Korea	8%
United States	5%
New Zealand	4%
India	7%
European Union 27	10%
other	26%

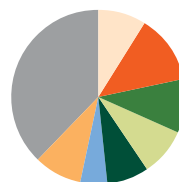
Rural

\$32.1b



China	6%
Japan	17%
ASEAN	16%
other Asia	15%
European Union 27	11%
Middle East	8%
United States	7%
other	20%

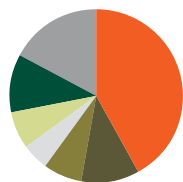
\$27.5b



China	9%
Japan	13%
ASEAN	10%
other Asia	9%
European Union 27	8%
Middle East	5%
United States	9%
other	37%

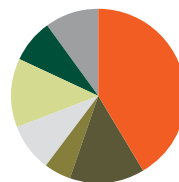
Energy

\$21.4b



Japan	42%
Republic of Korea	11%
Chinese Taipei	7%
India	5%
other Asia	7%
European Union 27	11%
other	17%

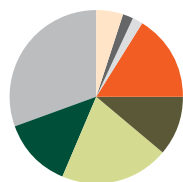
\$45.6b



Japan	42%
Republic of Korea	14%
Chinese Taipei	5%
India	9%
other Asia	13%
European Union 27	8%
other	9%

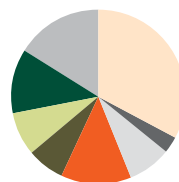
Minerals

\$34.4b



China	5%
Thailand	2%
India	2%
Japan	16%
Republic of Korea	11%
other Asia	20%
European Union 27	13%
other	30%

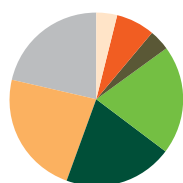
\$83.5b



China	33%
Thailand	3%
India	8%
Japan	13%
Republic of Korea	7%
other Asia	8%
European Union 27	12%
other	16%

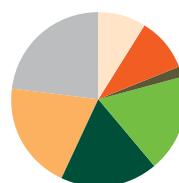
Manufacturing

\$28.0b



China	4%
Japan	7%
Republic of Korea	4%
New Zealand	20%
European Union 27	20%
United States	23%
other	22%

\$33.5b

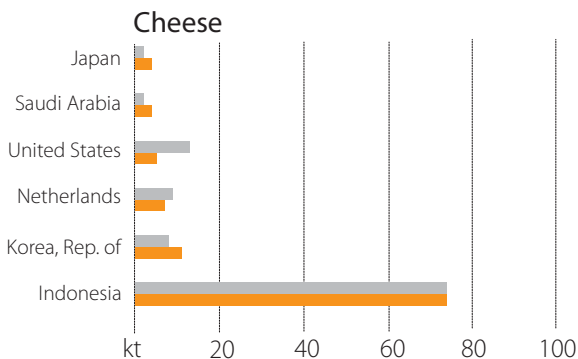
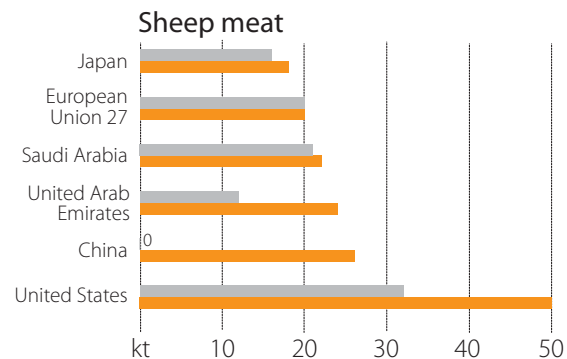
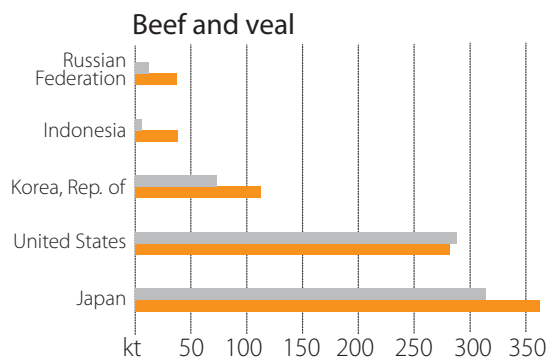
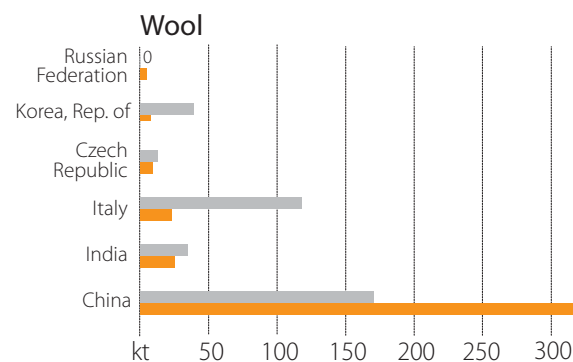
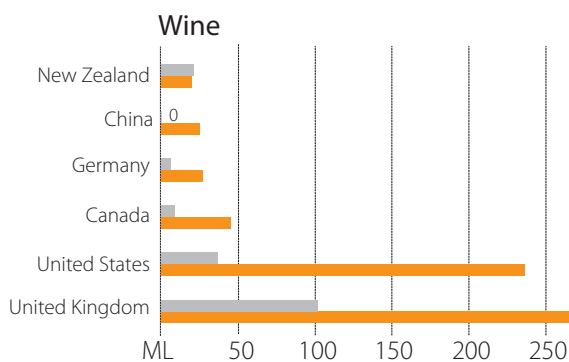
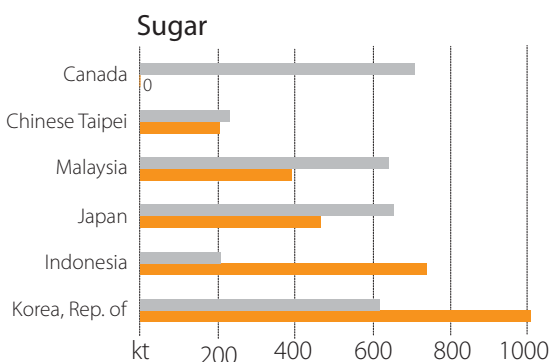
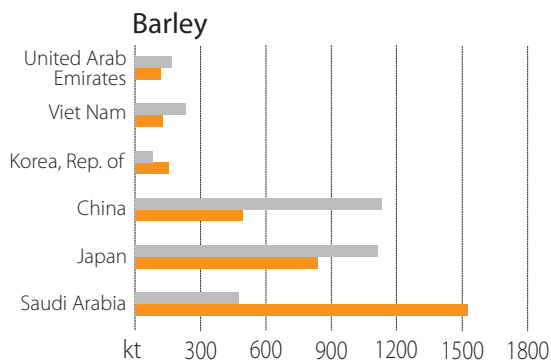
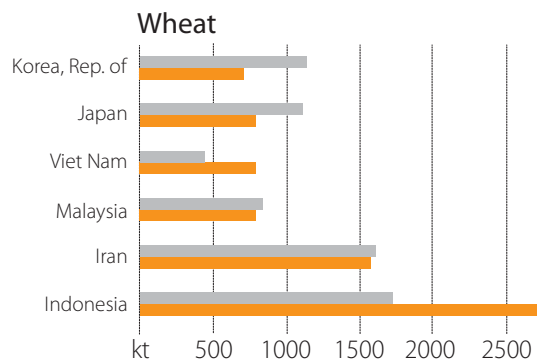


China	9%
Japan	10%
Republic of Korea	2%
New Zealand	18%
European Union 27	18%
United States	20%
other	23%

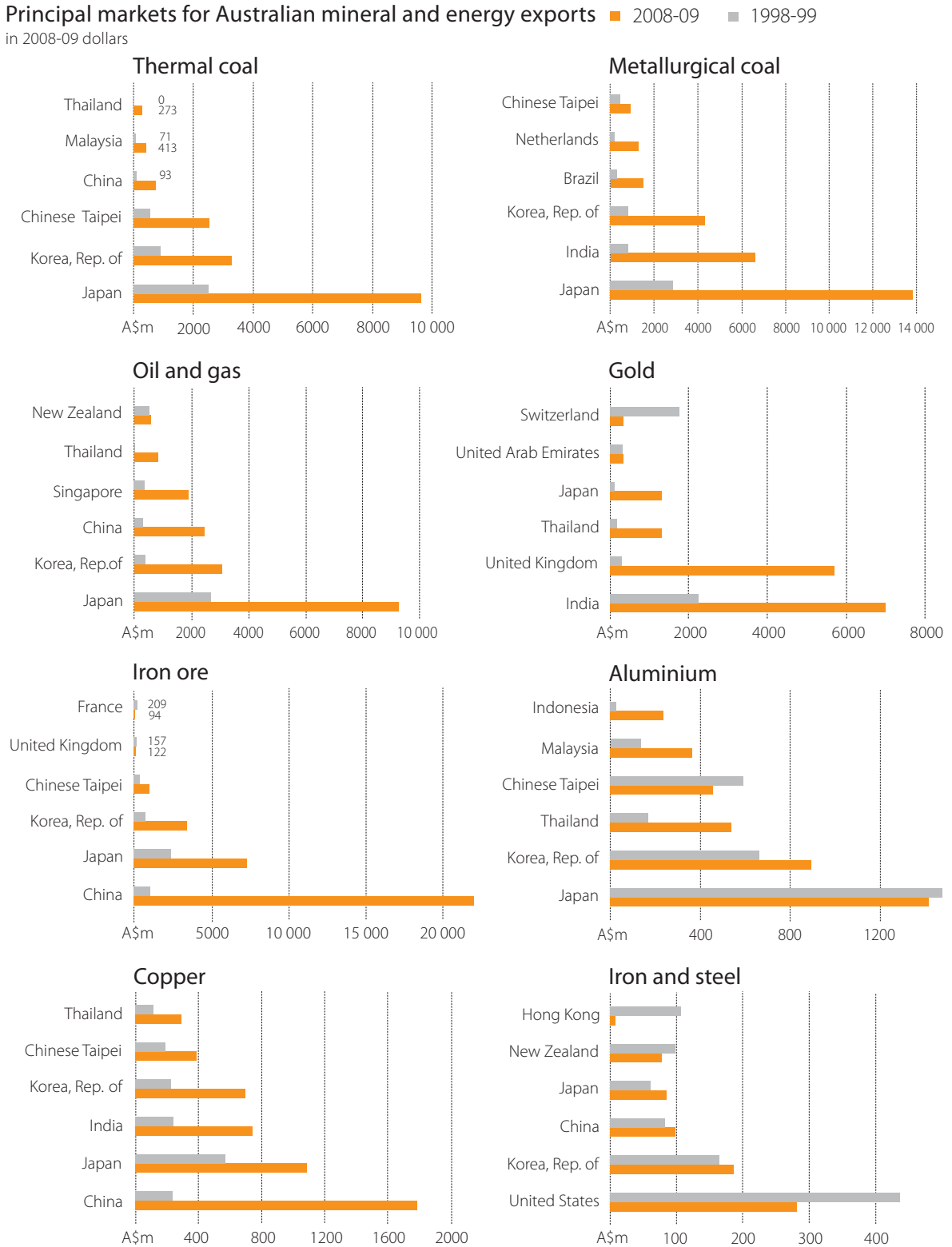
Agriculture

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 ^s	2009-10 ^f
Crops sector							
Grains							
Winter crops							
barley	105.9	100.1	93.9	153.3	196.9	152.7	142.5
canola	104.4	84.5	86.5	102.8	140.7	119.6	110.6
lupins	120.4	105.2	99.8	135.8	171.0	140.2	138.8
oats	101.1	98.1	107.8	176.6	205.7	152.0	148.6
wheat	109.1	99.6	102.5	122.4	197.2	167.9	143.4
Summer crops							
sorghum	93.8	79.4	84.6	126.1	188.0	207.2	223.6
Total grains ^a	105.2	95.8	97.2	126.9	183.6	155.8	139.6
Cotton	88.2	87.0	85.0	86.2	87.3	95.5	100.4
Sugar	76.3	84.1	90.9	105.0	80.6	94.0	131.9
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	138.0	128.5	124.8
Livestock sector							
Livestock for slaughter							
cattle	160.4	177.2	181.3	174.3	164.6	170.1	164.1
lambs ^b	190.1	184.5	177.7	165.7	165.9	213.0	206.0
sheep	230.3	196.1	202.7	156.4	178.5	225.8	250.0
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	110.2
total	149.2	157.4	157.5	152.6	152.1	168.1	162.6
Livestock products							
wool	116.5	107.4	97.7	115.5	127.9	126.9	136.6
milk	93.4	105.7	111.0	111.1	166.1	142.1	110.6
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	119.3
Store and breeding stock	149.3	157.4	157.6	152.6	152.1	168.1	162.6
Total livestock sector	129.3	135.4	135.2	135.1	147.4	152.7	144.4
Total prices received	117.0	115.9	117.7	127.8	141.3	138.5	132.9

^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 ^s	2009-1
Farmers' terms of trade ^a	95.2	91.7	91.0	94.1	91.1	92.6	91
Materials and services							
Seed, fodder and livestock							
fodder and feedstuffs	148.3	140.4	126.4	151.0	196.4	175.6	166
seed, seedlings and plants	104.9	95.3	93.8	109.5	135.8	127.6	122
store and breeding stock	144.0	159.5	157.6	152.6	152.9	164.6	159
total	142.0	140.3	130.8	146.7	178.8	167.3	159
Chemicals	110.0	111.9	114.6	124.7	149.7	136.7	125
Electricity	100.0	101.3	104.6	107.6	111.3	120.8	131
Fertiliser	102.8	108.8	111.6	121.4	220.4	231.3	175
Fuel and lubricants	144.3	167.2	210.6	208.3	243.7	211.0	220
Total	125.3	128.7	130.9	140.2	171.0	165.3	156
Labor	121.6	125.7	129.7	133.5	138.0	143.1	147
Marketing	118.7	121.5	125.4	129.1	143.2	137.1	142
Overheads							
Insurance	128.8	131.9	135.1	139.4	143.5	155.6	168
Interest paid	118.1	120.9	123.8	127.8	142.6	116.7	103
Rates and taxes	121.9	124.8	128.9	132.7	137.3	141.5	144
Other overheads	118.1	121.0	124.8	128.5	132.8	137.1	139
Total	120.6	123.5	126.8	130.8	141.8	126.6	119
Capital items	121.3	124.4	128.4	132.3	136.8	141.1	144
Total prices paid	123.0	126.3	129.4	135.8	155.2	149.6	145
Excluding capital items	123.1	126.5	129.4	136.1	157.4	150.6	145
Excluding capital and overheads	123.7	127.2	129.9	137.5	161.9	157.7	153
Excluding seed, fodder and store and breeding stock	119.2	123.6	129.2	133.6	150.2	145.8	142

^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 chain 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 ^s	2009-10 ^f
Costs							
Materials and services							
chemicals	\$m	1 691	1 749	1 545	1 869	1 734	1 612
fertiliser	\$m	1 851	1 843	1 659	2 995	3 174	2 438
fuel and lubricants	\$m	1 765	2 223	2 199	2 524	2 183	2 304
marketing	\$m	3 433	3 612	2 748	3 184	3 789	3 968
repairs and maintenance	\$m	2 493	2 602	2 466	3 132	3 374	3 404
seed and fodder	\$m	4 267	3 827	4 921	6 224	5 602	5 331
other	\$m	3 473	3 692	3 543	3 659	3 840	3 989
total	\$m	18 974	19 548	19 081	23 587	23 697	23 046
Labor	\$m	3 410	3 778	3 654	3 590	3 758	3 677
Overheads							
interest paid	\$m	2 306	3 249	3 848	4 901	4 331	4 158
rent and third party insurance	\$m	432	446	447	462	477	485
Total	\$m	6 148	7 473	7 950	8 953	8 566	8 320
Total cash costs	\$m	25 122	27 021	27 031	32 540	32 263	31 366
Depreciation ^a	\$m	4 122	4 255	4 383	4 532	4 675	4 772
Total farm costs	\$m	29 243	31 276	31 413	37 072	36 938	36 139
Returns							
Gross value of farm production	\$m	36 537	38 695	36 247	43 689	45 162	44 205
Gross farm cash income ^b	\$m	37 703	38 329	37 011	43 376	41 053	44 205
Net returns and production							
Net value of farm production ^c	\$m	7 294	7 418	4 833	6 617	8 224	8 067
Real net value of farm production ^d	\$m	8 405	8 284	5 244	6 943	8 368	8 067
Net farm cash income ^e	\$m	12 582	11 308	9 980	10 836	8 791	12 839
Real net farm cash income ^d	\$m	14 498	12 626	10 828	11 370	8 944	12 839

^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

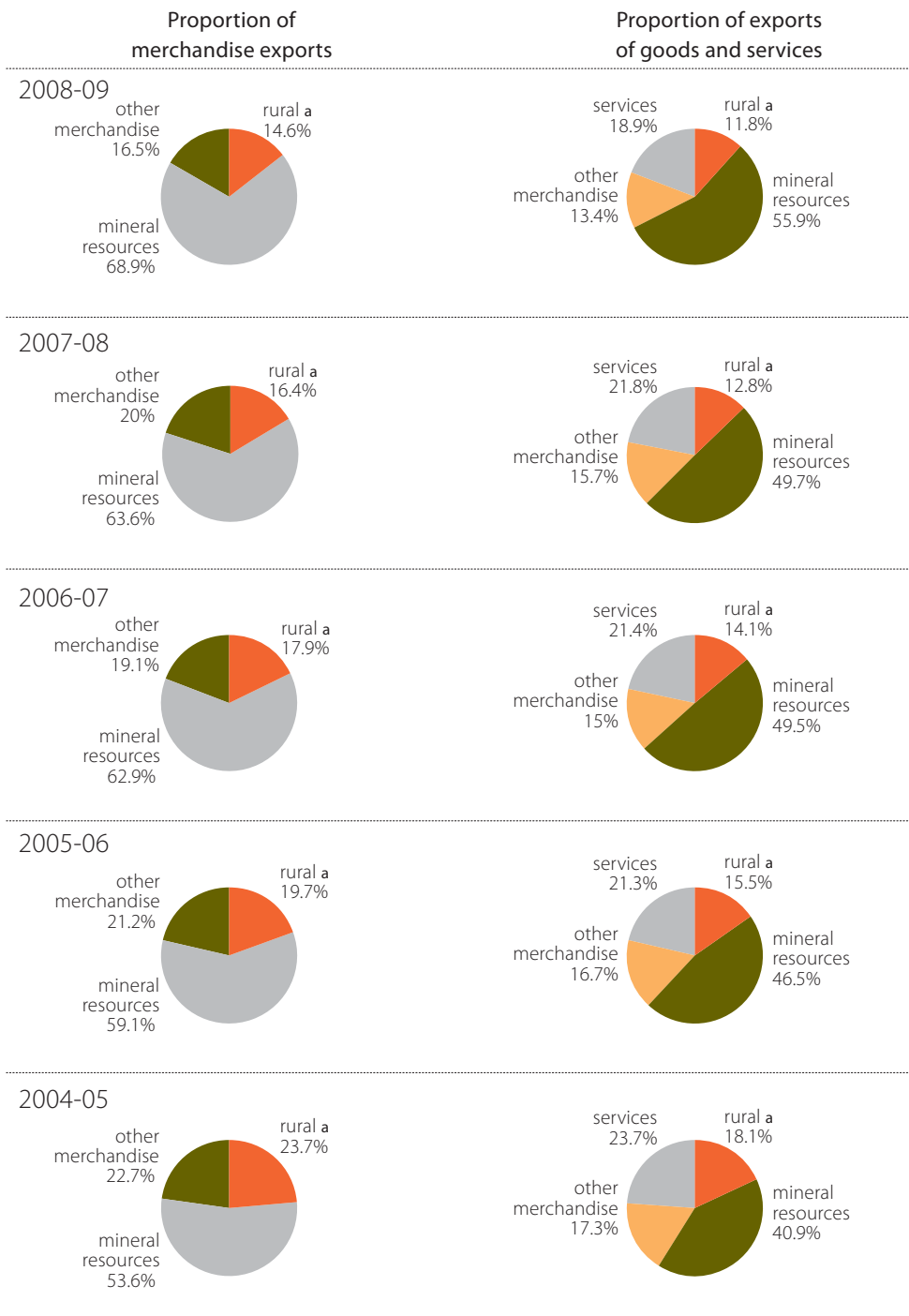
Annual indexes ^a	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09 ^s	2009-10 ^f		
Farm	105.7	105.0	104.4	109.7	121.8	121.5	117.4		
Energy minerals	120.2	166.1	225.5	205.4	234.6	395.2	245.0		
Metals and other minerals	106.1	125.5	162.2	203.5	200.9	225.7	188.6		
Total mineral resources	111.7	141.2	186.7	205.0	214.4	289.5	211.2		
Total commodities	110.1	129.9	160.3	174.5	184.2	237.2	181.1		
	2007-08	2008-09		2009-10					
Quarterly indexes ^b	June	Sep.	Dec.	Mar.	June ^p	Sep. ^s	Dec. ^f	Mar. ^f	June ^f
Farm	124.7	128.5	138.1	112.8	103.4	120.1	117.0	113.7	115.7
Energy minerals	325.7	429.0	526.4	431.8	289.1	249.2	257.2	259.3	273.6
Metals and other minerals	234.1	249.3	272.6	251.8	204.0	204.4	202.1	203.3	207.3
Total mineral resources	270.5	322.2	373.1	311.1	239.1	213.9	215.1	235.2	244.2
Total commodities	219.2	255.5	292.8	243.8	193.0	180.1	180.0	192.8	199.3

^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 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 <i>s</i> \$m	2009-10 <i>f</i> \$m
At current prices						
Rural						
Cereal grains and products	5 160	4 852	4 171	4 976	6 882	6 782
Sugar and honey	1 292	1 763	1 674	1 153	1 380	1 818
Meat and meat preparations	6 933	6 709	7 078	6 540	7 458	6 971
Wool and sheepskins	2 838	2 544	3 065	2 796	2 321	2 258
Other rural <i>a</i>	14 082	14 561	14 400	14 485	15 716	15 091
Total	30 305	30 429	30 388	29 950	33 757	32 920
Mineral resources						
Coal, coke and briquettes	17 240	24 352	21 928	24 599	54 802	29 500
Other mineral fuels	11 154	13 218	15 642	18 889	20 658	17 875
Metalliferous ores and other minerals <i>bs</i>	20 535	29 770	36 041	41 964	52 421	44 161
Gold	6 472	9 087	10 740	12 272	17 509	17 759
Other metals <i>cs</i>	13 159	14 862	22 329	18 514	14 292	12 866
Total <i>s</i>	68 561	91 289	106 680	116 238	159 682	122 161
Total commodities sector <i>s</i>	98 866	121 718	137 068	146 188	193 439	155 081
Other merchandise <i>s</i>	29 001	32 707	32 446	36 630	38 289	na
Total merchandise <i>s</i>	127 867	154 425	169 514	182 818	231 728	na
Services	39 695	41 849	46 181	51 035	53 973	na
Total goods and services	167 562	196 274	215 695	233 853	285 701	na
Chain volume measures <i>d</i>						
Rural						
Cereal grains and products	5 810	5 492	4 170	3 349	4 931	6 136
Sugar and honey	1 787	1 766	1 674	1 553	1 392	1 392
Meat and meat preparations	6 660	6 506	7 079	6 839	6 939	6 866
Wool and sheepskins	3 060	2 906	3 066	2 481	2 257	2 185
Other rural <i>a</i>	14 109	14 345	14 400	13 648	14 641	14 846
Total	31 426	31 015	30 389	27 870	30 160	31 426
Mineral resources						
Coal, coke and briquettes	20 844	20 729	21 928	22 714	23 235	22 858
Other mineral fuels	13 547	12 977	15 642	15 618	16 382	17 586
Metalliferous ores and other minerals <i>bs</i>	34 361	35 613	36 041	40 442	41 238	47 360
Gold	9 674	10 533	10 740	11 070	12 253	11 591
Other metals <i>cs</i>	21 741	21 987	22 329	22 112	22 728	20 641
Total <i>s</i>	100 168	101 839	106 680	111 956	115 836	120 036
Total commodities sector <i>s</i>	131 593	132 854	137 069	139 826	145 996	151 462
Other merchandise <i>s</i>	28 744	31 454	32 446	35 266	32 269	na
Total merchandise <i>s</i>	160 337	164 308	169 515	175 092	178 265	na
Services	42 546	43 326	46 182	49 408	50 260	na
Total goods and services	203 408	207 887	215 695	224 500	228 526	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 2006-07. *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. s \$m	Dec. f \$m	Mar. f \$m	June f \$m
At current prices									
Rural									
Cereal grains and products	1 829	1 362	1 399	2 231	1 890	1 661	1 598	1 786	1 738
Sugar and honey	267	404	407	253	316	654	509	291	364
Meat and meat preparations	1 788	1 787	2 241	1 699	1 731	1 635	1 896	1 613	1 827
Wool and sheepskins	656	535	701	562	523	503	646	550	558
Other rural a	3 751	3 801	4 244	3 860	3 810	3 866	3 875	3 518	3 832
Total	8 291	7 889	8 992	8 605	8 270	8 319	8 523	7 758	8 319
Mineral resources									
Coal, coke and briquettes	9 299	14 191	18 303	12 725	9 583	7 000	7 109	7 361	8 031
Other mineral fuels	5 393	6 054	6 508	4 517	3 579	3 999	4 480	4 637	4 758
Metalliferous ores and other minerals bs	12 791	14 706	14 132	12 877	10 706	10 492	10 841	11 249	11 578
Gold	3 044	4 027	4 283	5 754	3 445	4 061	4 339	4 658	4 701
Other metals cs	4 594	4 183	3 990	2 966	3 153	3 228	3 195	3 193	3 251
Total s	35 121	43 161	47 215	38 839	30 466	28 780	29 964	31 097	32 320
Total commodities sector s	43 412	51 050	56 207	47 444	38 737	37 099	38 487	38 856	40 639
Other merchandise s	9 792	10 217	11 003	8 581	8 489	na	na	na	na
Total merchandise s	53 204	61 267	67 210	56 025	47 226	na	na	na	na
Services	13 037	13 262	13 598	13 578	13 535	na	na	na	na
Total goods and services	66 241	74 529	80 808	69 603	60 761	na	na	na	na
Chain volume measures d									
Rural									
Cereal grains and products	1 072	816	841	1 689	1 585	1 310	1 477	1 695	1 654
Sugar and honey	337	464	349	257	321	501	390	223	278
Meat and meat preparations	1 837	1 692	1 887	1 606	1 754	1 622	1 826	1 635	1 783
Wool and sheepskins	603	502	598	578	579	511	585	547	541
Other rural a	3 539	3 563	3 555	3 562	3 961	3 693	3 802	3 553	3 798
Total	7 388	7 037	7 230	7 693	8 201	7 637	8 081	7 654	8 054
Mineral resources									
Coal, coke and briquettes	5 980	6 161	5 958	5 081	6 035	5 661	5 598	5 768	5 832
Other mineral fuels	3 787	3 863	4 433	4 108	3 978	4 007	4 541	4 521	4 517
Metalliferous ores and other minerals bs	10 222	10 553	10 211	9 739	10 735	11 287	11 745	12 035	12 293
Gold	2 646	3 450	3 013	3 435	2 355	2 651	2 903	3 078	2 959
Other metals cs	6 001	5 277	5 987	5 621	5 843	5 263	5 109	5 175	5 093
Total s	28 636	29 304	29 602	27 984	28 946	28 869	29 896	30 578	30 692
Total commodities sector s	36 025	36 341	36 832	35 677	37 147	36 506	37 977	38 232	38 747
Other merchandise s	8 874	9 235	8 589	6 758	7 686	na	na	na	na
Total merchandise s	44 899	45 576	45 421	42 435	44 833	na	na	na	na
Services	12 477	12 498	12 651	12 606	12 505	na	na	na	na
Total goods and services	57 376	58 074	58 072	55 041	57 339	na	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 2006-07. **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 2006-07.

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 ^s	2009-10 ^f
Farm						
Grains and oilseeds	113.2	133.1	58.2	86.6	111.6	116.4
Total crops	111.3	119.7	84.8	104.5	118.0	122.7
Livestock slaughtering	109.3	108.5	115.5	113.8	112.8	113.8
Total livestock	103.1	103.0	105.4	102.7	100.7	99.7
Total farm sector	107.8	111.7	95.4	104.4	110.5	112.4
Forestry ^a						
Broadleaved	126.2	121.8	123.6	132.9	121.6	120.6
Coniferous	128.9	130.5	132.0	135.0	133.2	134.0
Total forestry	127.6	126.2	127.9	133.9	127.6	127.5
Mine ^b						
Energy minerals	113.4	111.6	118.5	116.4	116.7	122.6
Metals and other minerals	123.5	124.2	124.3	124.8	119.9	125.1
Total minerals	118.6	118.1	121.2	120.6	118.4	123.9

^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 '000	2004-05 '000	2005-06 '000	2006-07 '000	2007-08 '000	2008-09 ^p '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	77	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	10 352	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	7 418	4 833	6 617	8 224
Company profits in selected industries a					
Mining	17 599	35 013	38 474	38 114	63 788
Manufacturing					
food, beverages and tobacco	5 507	5 571	4 875	5 893	5 969
textiles, clothing and footwear	332	329	341	313	- 31
wood and paper products	1 169	1 045	1 114	1 052	684
printing, publishing and recorded media	2 292	1 873	2 509	2 987	1 334
petroleum, coal and chemical product	4 433	4 957	3 680	5 880	2 465
non-metallic mineral product	1 082	1 428	1 218	1 478	1 019
metal product	5 618	5 262	9 976	8 075	2 765
machinery and equipment	3 119	3 095	2 294	2 880	3 123
other manufacturing	710	523	676	699	490
total	24 262	24 083	26 683	29 257	17 818
Other industries (including services)	58 381	55 047	62 509	72 839	64 417
Total (including services)	100 242	114 143	127 666	140 210	146 023

a Company profits before income tax. 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 \$b	Sep. \$b	Dec. \$b	Mar. \$b	June \$b	Sep. \$b	Dec. \$b	Mar. \$b	June \$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 \$m	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 \$m
Rural debt						
All banks ^a	34 115	39 261	43 546	47 188	53 743	56 036
Other government agencies ^b	891	977	1 073	1 293	1 417	na
Pastoral and other finance companies	3 379	3 112	3 352	2 542	3 076	na
Large finance institutional debt	38 385	43 350	47 971	51 023	58 236	na
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	10 253	18 608	22 119	27 353	35 675
Manufacturing					
food, beverages and tobacco	2 418	2 472	2 305	2 489	2 483
textiles, clothing, footwear and leather	268	187	163	140	134
wood and paper products	711	802	737	950	928
printing, publishing and recorded media	558	867	593	598	637
petroleum, coal and chemical product	2 423	2 473	1 959	2 429	2 293
non-metallic mineral products	711	837	720	740	914
metal products	3 390	4 804	4 590	3 788	4 452
machinery and equipment	1 875	2 503	1 734	1 459	1 722
other manufacturing	328	483	461	645	442
total	12 681	15 428	13 264	13 237	14 004
Total surveyed industries	57 554	72 642	77 552	86 478	101 134
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	11 272	19 518	22 119	26 251	32 772
Manufacturing	12 905	15 560	13 264	13 195	13 176
Other selected industries	33 943	38 464	42 169	46 479	50 172
Total surveyed industries	58 590	73 574	77 551	85 923	96 121

a Estimates taken from ABS national accounts, which include taxation based statistics. **b** Includes industries covered by Division B (for example, the metallic and nonmetallic minerals, coal, oil and gas, construction materials and other nonmetallic minerals industries) as defined in the 1993 edition of the Australian New Zealand Standard Industrial Classification (ANZSIC). **c** Reference year is 2006-07.

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	1121.0	1 738.9	2 159.4
total	944.1	1 044.7	1 261.9	1 619.2	2 232.7	2 651.7
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	1 926.5	2 699.0	3 134.2
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	3 333.8	4 694.1	4 874.9

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 s	2009-10 f
Crops							
Wheat a	US\$/t	154	176	212	362	271	230
Corn b	US\$/t	97	104	151	201	190	155
Rice c	US\$/t	278	301	320	551	609	556
Soybeans d	US\$/t	275	261	335	549	425	393
Cotton e	USc/lb	52.4	56.0	58.1	72.9	61.2	72.3
Sugar g	USc/lb	10.5	15.8	11.7	13.7	15.5	16.5
Livestock products							
Beef h	USc/kg	286	276	282	303	304	290
Wool i	Ac/kg	767	713	864	945	794	840
Butter j	US\$/t	2 208	1 998	2 023	4 027	2 485	2 110
Cheese j	US\$/t	2 856	2 792	3 004	5 073	3 281	2 777
Skim milk powder j	US\$/t	2 210	2 175	3 188	4 204	2 333	2 083
Energy							
Crude oil							
Dubai	US\$/bbl	40.29	57.75	60.86	90.19	63.88	64.84
West Texas Intermediate	US\$/bbl	48.78	64.24	63.32	96.73	68.83	70.35
brent	US\$/bbl	46.16	62.47	63.93	95.37	67.18	68.04
world trade weighted average k	US\$/bbl	41.18	57.25	59.45	91.97	66.05	67.16
Uranium (U ₃ O ₈) l	US\$/lb	22.20	36.79	81.17	80.75	51.25	49.75
Minerals and metals m							
Aluminium	US\$/t	1 807	2 245	2 692	2 665	1 781	1 734
Copper	US\$/t	3 151	5 062	7 087	7 791	4 936	6 308
Gold n	US\$/oz	422	527	639	823	874	954
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	2 891	1 454	2 106
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	17 891
Silver r	USc/oz	695	928	1 274	1 544	1 289	1 555
Tin	US\$/t	8 491	7 403	11 455	18 529	14 561	14 813
Zinc	US\$/t	1 171	2 118	3 672	2 599	1 401	1 539

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 p	Sep. s	Dec. f	Mar. f	June f
Crops										
Wheat a	US\$/t	368	333	244	247	259	226	226	235	234
Corn b	US\$/t	260	246	169	167	176	151	143	158	166
Rice c	US\$/t	889	722	584	609	570	568	488	545	622
Soybeans d	US\$/t	585	566	377	394	461	456	369	403	403
Cotton e	US\$/lb	74.9	76.3	57.4	54.7	60.1	65.0	72.0	74.0	76.0
Sugar g	US\$/lb	13.1	15.1	12.9	13.6	15.8	20.0	18.0	17.0	16.0
Livestock products										
Beef h	US\$/kg	347	386	283	266	282	290	282	285	304
Wool i	Ac/kg	893	864	786	746	780	815	818	873	854
Butter j	US\$/t	4 058	3 683	2 592	1 792	1 875	1 992	2 067	2 133	2 250
Cheese j	US\$/t	5 050	4 625	3 333	2 533	2 633	2 708	2 733	2 800	2 867
Skim milk powder j	US\$/t	3 517	3 300	2 183	1 833	2 017	2 017	2 033	2 083	2 200
Energy										
Crude oil										
Dubai	US\$/bbl	117.23	108.53	52.00	39.19	55.81	63.57	64.16	65.65	65.99
West Texas										
Intermediate	US\$/bbl	123.97	114.50	58.80	41.70	60.31	68.60	70.10	71.00	71.70
brent	US\$/bbl	122.13	114.51	54.50	41.20	58.52	66.85	67.32	68.75	69.24
world trade weighted average k	US\$/bbl	118.79	110.10	56.50	40.25	57.34	65.72	66.97	67.69	68.25
Uranium (U ₃ O ₈) l	US\$/lb	61.33	60.67	51.00	45.00	48.33	46.00	46.33	51.67	55.00
Minerals and metals m										
Aluminium	US\$/t	2 940	2 787	1 490	1 360	1 488	1 805	1 750	1 680	1 700
Copper	US\$/t	8 448	7 692	3 940	3 435	4 675	5 830	6 300	6 450	6 650
Gold n	US\$/oz	897	869	797	908	922	957	933	945	980
Lead	US\$/t	2 306	1 912	1 247	1 157	1 500	1 652	1 648	1 676	1 714
Nickel	US\$/t	25 730	18 980	10 889	10 475	12 943	17 566	18 000	17 000	19 000
Silver o	US\$/oz	1 717	1 504	1 018	1 261	1 373	1 462	1 580	1 590	1 600
Tin	US\$/t	22 650	20 551	13 131	11 024	13 540	14 500	14 700	14 900	15 150
Zinc	US\$/t	2 113	1 771	1 186	1 174	1 473	1 530	1 514	1 540	1 571

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 ^s	2009-10 ^f
Crops ^b							
Grains and oilseeds							
Winter crops							
barley	\$/t	159	149	244	313	243	227
canola	\$/t	326	334	397	543	461	427
field peas	\$/t	235	222	284	409	306	300
lupins	\$/t	206	195	266	335	274	272
oats	\$/t	134	147	241	281	208	203
triticale	\$/t	152	176	223	252	177	173
wheat	\$/t	197	203	242	390	332	284
Summer crops							
maize	\$/t	193	186	248	232	212	207
rice	\$/t	297	283	346	414	495	497
sorghum	\$/t	134	143	213	318	351	378
soybeans ^c	\$/t	283	301	353	600	570	527
sunflower seed ^c	\$/t	341	428	706	908	890	823
Industrial crops							
Cotton lint ^d	c/kg	167	179	176	191	193	205
Sugar cane (cut for crushing)	\$/t	26	28	34	26	31	43
Wine grapes	\$/t	715	615	643	787	690	676
Livestock for slaughter							
Beef ^e	c/kg	320	322	292	286	295	285
– yearling ^e	c/kg	359	366	329	324	329	314
– ox ^e	c/kg	331	332	318	308	314	305
– cow ^e	c/kg	289	288	255	253	269	257
Lamb ^g	c/kg	360	347	326	335	424	410
Mutton ^e	c/kg	170	175	136	159	199	220
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	840
Milk ^j	c/L	31.5	33.1	33.2	49.6	42.4	33.0

^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 ^s	2009-10 ^f
Farm							
Grains							
Wheat							
production	Mt	628	621	598	609	687	662
consumption	Mt	615	625	611	614	641	642
closing stocks	Mt	139	136	123	118	163	183
exports b	Mt	110	110	111	110	136	113
Coarse grains							
production	Mt	1 015	979	985	1 076	1 100	1 090
consumption	Mt	977	990	1 007	1 056	1 073	1 096
closing stocks	Mt	179	166	139	160	188	179
exports b	Mt	101	107	117	127	107	112
Rice							
production c	Mt	402	418	421	433	445	433
consumption c	Mt	407	413	418	426	435	435
closing stocks c	Mt	73	76	75	80	89	84
exports bd	Mt	28	30	31	31	28	30
Oilseeds and vegetable oils							
Oilseeds							
production	Mt	382	391	404	392	395	423
consumption	Mt	367	384	393	400	401	413
closing stocks	Mt	58	65	74	62	54	63
exports	Mt	74	76	83	93	91	91
Vegetable oils							
production	Mt	112	119	122	128	132	137
consumption	Mt	108	116	122	126	130	136
closing stocks	Mt	11	11	10	10	10	10
exports	Mt	43	47	49	52	53	56
Vegetable protein meals							
production	Mt	207	216	224	231	229	237
consumption	Mt	204	216	223	230	229	236
closing stocks	Mt	8	8	8	7	7	7
exports	Mt	61	66	68	71	69	71
Industrial crops							
Cotton							
production	Mt	26	25	27	26	23	23
consumption	Mt	24	25	27	27	24	24
closing stocks	Mt	13	14	14	14	13	12
exports	Mt	8	10	8	8	6	7
Sugar							
production	Mt	141	150	166	167	155	166
consumption	Mt	147	153	157	161	163	165
closing stocks	Mt	58	56	65	70	62	62
exports	Mt	48	48	49	47	47	48

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	1 055	1 300
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	480	460
Butter ^{dg}							
production	kt	6 764	7 041	7 428	7 780	8 224	8 323
consumption	kt	6 336	6 723	7 142	7 393	7 856	7 950
closing stocks	kt	347	283	178	186	217	290
exports	kt	797	760	811	709	686	707
Skim milk powder ^{gl}							
production ^d	kt	3 308	3 286	3 469	3 574	3 715	3 771
consumption ^d	kt	3 330	3 144	3 167	3 176	3 241	3 413
closing stocks ^d	kt	369	278	247	367	583	600
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	84.2	85.2
OPEC ⁿ	mbd	34.2	35.1	34.9	35.9	33.4	34.0
Consumption ^m	mbd	83.5	84.7	86.5	86.3	84.2	85.2
Closing stocks							
OECD ^o	days	51.0	53.0	51.0	na	na	na
Coal ^d							
Production							
hard coal ^q	Mt	4 816	5 083	5 410	5 750	5 900	6 050
brown coal	Mt	929	937	945	950	955	937
Exports							
metallurgical coal	Mt	206	210	227	235	207	213
thermal coal	Mt	610	673	696	704	690	730
Uranium (U₃O₈) ^d							
Production ^{rs}	kt	49.2	46.9	48.6	50.0	56.1	58.8
Consumption	kt	78.8	77.2	77.7	76.2	77.7	82.2
Metals ^d							
Bauxite production	kt	176 930	191 231	209 679	209 099	195 000	202 573
Alumina production	kt	66 692	72 790	79 619	55 958	51 500	53 500
Aluminium							
production	kt	32 021	33 965	38 108	39 842	36 114	38 228
consumption	kt	31 709	31 709	33 995	37 046	33 010	36 384
closing stocks ^t	kt	3 010	2 764	2 960	4 672	7 776	9 620

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	1 631	1 771	1 676	1 814
pig iron	Mt	801	881	948	956	928	991
crude steel	Mt	1 146	1 250	1 344	1 329	1 235	1 311
Iron ore trade	Mt	715	762	823	865	884	983
Gold ^d							
Mine production	t	2 546	2 486	2 481	2 415	2 473	2 501
Supply	t	4 107	3 984	3 923	3 874	4 093	3 571
Fabrication consumption ^v	t	3 291	2 936	3 076	2 855	2 383	2 545
Base metals ^d							
Copper							
production ^w	kt	16 610	17 343	17 980	18 475	17 988	18 284
consumption	kt	16 639	16 974	18 098	18 032	17 420	18 340
closing stocks	kt	547	703	668	808	1 376	1 321
Lead							
production ^w	kt	7 632	7 925	8 122	8 670	8 385	8 594
consumption	kt	7 805	8 071	8 190	8 648	7 958	8 370
closing stocks	kt	287	270	265	306	774	833
Nickel							
production ^w	kt	1 293	1 352	1 430	1 396	1 197	1 264
consumption	kt	1 248	1 392	1 326	1 278	1 105	1 247
closing stocks	kt	112	87	125	155	247	264
Tin							
production ^w	kt	350	351	349	334	310	315
consumption	kt	345	363	359	338	300	315
closing stocks	kt	38	33	15	33	42	42
Zinc							
production ^w	kt	10 225	10 655	11 359	11 667	10 909	11 345
consumption	kt	10 612	11 016	11 286	11 487	10 740	11 331
closing stocks	kt	828	548	580	764	932	946
Mineral sands ^d							
Production							
ilmenite ^x	kt	11 028	11 624	12 075	11 974	12 273	13 137
titaniferous slag	kt	2 274	2 419	2 525	2 530	2 570	2 610
rutile concentrate	kt	413	532	600	615	576	719
zircon concentrate	kt	1 189	1 288	1 301	1 246	1 265	1 374

^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	6 820	7 898
canola	kt	1 542	1 419	573	1 214	1 878	1 720
chickpeas	kt	116	123	232	313	378	422
field peas	kt	289	585	140	268	252	366
lupins	kt	937	1 285	470	662	484	587
oats	kt	1 282	1 688	748	1 503	1 267	1 360
triticale	kt	611	676	199	450	503	539
wheat	kt	21 905	25 150	10 822	13 569	21 397	22 720
Summer crops							
cottonseed s	kt	912	844	388	188	466	531
maize	kt	420	380	240	387	368	308
rice	kt	339	1 003	163	18	66	68
sorghum	kt	2 011	1 929	1 283	3 072	2 319	1 852
soybeans	kt	54	55	32	35	102	64
sunflower seed	kt	62	98	18	73	72	42
other oilseeds a	kt	70	64	46	68	66	64
Total grains and oilseeds	kt	38 291	44 780	19 611	28 977	36 437	38 541
Industrial crops							
Cotton lint	kt	645	597	301	133	329	375
Sugar cane (cut for crushing)	kt	37 822	37 128	36 397	32 621	31 732	31 338
Sugar (tonnes actual)	kt	5 234	5 063	5 026	4 763	4 634	4 603
Wine grapes	kt	1 925	1 902	1 397	1 837	1 594	1 820
Livestock slaughterings							
Number slaughtered							
Cattle and calves	'000	8 853	8 401	9 081	8 799	8 702	8 840
Cattle exported live b	'000	574	549	638	713	856	830
Sheep	'000	11 443	11 830	13 271	11 929	11 282	11 400
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	2 166
Lamb c	kt	354	382	413	435	423	428
Mutton c	kt	237	244	271	258	235	236
Pig meat	kt	389	389	382	377	324	336
Poultry meat c	kt	792	817	855	835	866	889
Total	kt	3 934	3 909	4 147	4 061	3 997	4 055

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	393	361
Milk ^e	ML	10 127	10 089	9 583	9 223	9 388	9 200
Butter ^g	kt	147	146	133	128	148	132
Cheese	kt	388	373	364	359	340	339
Casein	kt	13	12	8	10	10	9
Skim milk powder ^h	kt	189	205	191	164	212	192
Whole milk powder	kt	189	158	135	142	148	146
Buttermilk powder	kt	17	16	14	13	15	14
Forestry							
Logs	'000 m ³	26 998	26 734	27 182	28 461	27 108	27 093
Fisheries ⁱ							
Tuna ^j	kt	11.3	12.7	13.1	14.7	12.2	12.6
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	22.5	22.5
Rock lobster	kt	17.9	16.2	13.5	13.8	12.6	10.7
Abalone	kt	6.0	5.5	5.5	5.3	5.6	5.7
Scallops	kt	15.5	9.0	10.6	10.3	11.0	12.2
Oysters	kt	11.8	12.1	14.4	12.5	13.6	14.0
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	328.3	346.7
black, raw	Mt	393.4	398.9	414.4	421.2	414.4	445.1
brown	Mt	67.2	67.7	65.6	72.4	72.9	73.2
Petroleum							
crude oil and condensate	ML	27 311	24 315	28 555	25 537	27 789	26 680
petroleum products ^m	ML	44 555	40 679	43 652	44 086	44 111	43 230
natural gas ⁿ	Gm ³	37.3	38.9	40.8	41.7	44.2	47.5
LPG (naturally occurring)	ML	4 628	4 722	4 550	3 971	3 930	3 965
Uranium (U ₃ O ₈)	t	10 964	9 974	9 594	10 114	10 311	10 520
Metalliferous minerals and metals ^o							
Aluminium							
bauxite	Mt	57.6	60.9	62.7	63.5	63.3	64.3
alumina	kt	17 161	17 826	18 506	19 359	19 597	19 725
aluminium (ingot metal)	kt	1 890	1 912	1 954	1 964	1 974	1 901
Copper							
mine production ^q	kt	895	936	859	863	889	973
refined, primary	kt	486	461	435	444	499	470
Gold							
mine production ^q	t	265.2	249.4	250.7	229.3	217.8	251.3

Continued

20 Commodity production *continued*

Australia

	unit	2004-05	2005-06	2006-07	2007-08	2008-09 <i>s</i>	2009-10 <i>f</i>
Metalliferous minerals and metals (continued)							
Iron and steel							
ore and concentrate <i>r</i>	Mt	251.9	263.9	287.7	324.7	353.8	410.3
iron and steel	Mt	7.4	7.9	8.0	8.1	5.6	7.6
Lead							
mine production <i>q</i>	kt	682	762	642	641	596	636
refined <i>s</i>	kt	234	234	191	203	213	200
bullion	kt	153	141	114	152	155	148
Manganese							
ore, metallurgical grade	kt	3 563	4 082	5 046	5 412	3 730	4 035
metal content of ore	kt	1 710	1 959	2 422	2 598	1 791	1 937
Nickel							
mine production <i>q</i>	kt	192	186	191	190	185	150
refined, class I <i>u</i>	kt	117	105	104	105	95	107
refined, class II <i>v</i>	kt	10	10	15	15	15	12
total ore processed <i>w</i>	kt	229	224	225	222	218	186
Silver							
mine production <i>q</i>	t	2 303	2 218	1 674	1 867	1 785	1 748
refined	t	722	655	618	605	751	785
Tin							
mine production <i>q</i>	t	2 055	1 805	2 061	1 631	3 879	5 430
refined	t	445	736	321	na	na	na
Titanium							
ilmenite concentrate	kt	1 993	2 185	2 383	2 205	2 070	2 143
leucoxene concentrate	kt	68	87	169	156	164	189
rutile concentrate	kt	173	184	279	333	308	318
synthetic rutile <i>t</i>	kt	751	711	729	672	716	703
titanium dioxide pigment <i>t</i>	kt	204	208	207	201	221	266
Zinc							
mine production <i>q</i>	kt	1 352	1 380	1 375	1 571	1 411	1 347
refined	kt	464	446	496	507	506	505
Zircon concentrate	kt	432	442	557	580	534	650
Other minerals							
Diamonds	'000 ct	32 471	25 354	24 632	16 528	15 430	4 300
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 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 s \$m	2009-10 f \$m
Crops						
Grains and oilseeds						
Winter crops						
barley	1 233	1 417	1 039	2 244	1 658	1 792
canola	503	473	227	659	866	734
chickpeas	36	57	153	195	161	182
field peas	68	130	40	109	77	110
lupins	193	251	125	222	133	159
oats	172	249	181	423	263	276
triticale	93	119	44	114	89	93
wheat	4 317	5 099	2 619	5 292	7 106	6 445
Summer crops						
maize	81	71	60	90	78	64
rice	101	284	56	7	33	34
sorghum	270	276	274	977	813	701
soybeans	15	17	11	21	58	34
sunflower seed	21	42	13	66	64	35
other oilseeds a	36	30	25	50	51	45
Total grains and oilseeds	7 364	8 823	5 080	10 754	11 712	10 975
Industrial crops						
Cotton lint and cotton seed b	1 222	995	542	253	685	820
Sugar cane (cut for crushing)	980	1 032	1 221	861	977	1 361
Wine grapes	1 377	1 172	898	1 446	1 100	1 231
Total industrial crops	3 578	3 199	2 661	2 559	2 761	3 412
Horticulture						
Table and dried grapes	220	207	240	194	224	220
Fruit and nuts (excl grapes)	2 547	2 627	3 499	2 758	2 684	3 223
Vegetables	2 315	2 833	3 103	3 363	3 430	3 383
Other horticulture	1 372	1 675	1 730	1 683	1 812	1 892
Total horticulture	6 454	7 342	8 572	7 997	8 149	8 717
Other crops nei c	1 321	1 536	1 683	2 858	2 795	2 644
Total crops	18 717	20 899	17 995	24 168	25 417	25 748

Continued

21 Gross value of farm and fisheries production *continued*

Australia

	2004-05 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 <i>s</i> \$m	2009-10 <i>f</i> \$m
Livestock slaughterings						
Cattle and calves <i>d</i>	7 455	7 327	7 550	6 902	7 110	6 918
Cattle exported live <i>e</i>	374	358	437	451	559	533
Sheep <i>g</i>	418	444	380	414	477	530
Lambs <i>gh</i>	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 <i>k</i>	12 033	11 960	12 335	12 109	13 255	12 940
Livestock products						
Wool <i>i</i>	2 166	2 054	2 282	2 309	1 961	1 942
Milk <i>j</i>	3 194	3 341	3 178	4 572	3 981	3 036
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	6 490	5 518
Total farm	36 537	38 695	36 247	43 689	45 162	44 205
Forestry products						
Logs	1 653	1 673	1 713	1 872	1 787	1 821
Fisheries products <i>l</i>						
Tuna <i>m</i>	172	175	161	210	168	167
Salmonids <i>n</i>	147	231	291	299	324	358
Other fin fish <i>o</i>	412	367	397	416	393	402
Prawns	307	305	267	268	279	275
Rock lobster	415	477	443	407	446	450
Abalone	233	225	217	189	187	193
Scallops	47	23	29	33	36	37
Oysters	74	75	91	89	99	104
Pearls	122	122	124	114	148	135
Other molluscs <i>q</i>	67	66	69	60	67	67
Other crustaceans	66	60	75	70	66	68
Total fish <i>r</i>	2 086	2 166	2 211	2 187	2 183	2 201

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	4 645	4 406	4 182	4 902	4 506	4 479
canola	'000 ha	1 377	971	1 052	1 214	1 165	1 260
chickpeas	'000 ha	113	105	244	306	313	368
field peas	'000 ha	413	366	384	293	279	285
lupins	'000 ha	845	809	736	752	420	483
oats	'000 ha	894	931	1 003	1 238	915	919
triticale	'000 ha	389	347	369	360	355	350
wheat	'000 ha	13 399	12 443	11 798	12 578	13 552	13 788
Summer crops							
maize	'000 ha	72	76	49	68	70	60
rice	'000 ha	51	102	20	2	8	8
sorghum	'000 ha	755	766	613	942	717	662
soybeans	'000 ha	26	24	14	15	45	33
sunflower seed	'000 ha	46	79	17	48	43	37
other oilseeds ^a	'000 ha	55	54	43	49	43	42
Total grains and oilseeds	'000 ha	23 808	22 197	21 054	23 174	22 892	23 286
Industrial crops							
Cotton	'000 ha	321	336	144	63	164	195
Sugar cane ^b	'000 ha	434	398	409	381	380	379
Winegrapes	'000 ha	153	158	163	166	168	171
Livestock numbers ^c							
Cattle							
beef	million	25.32	25.61	25.37	24.78	24.80	24.34
dairy	million	2.86	2.79	2.66	2.54	2.52	2.47
milking herd ^d	million	1.94	1.88	1.80	1.64	1.64	1.61
total	million	28.18	28.39	28.04	27.32	27.32	26.81
Sheep	million	100.6	91.0	85.7	76.9	72.8	69.2
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. ^s ABARE estimate. ^f ABARE forecast.

Sources: Australian Bureau of Statistics; ABARE.

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	1.51	1.76
canola	t/ha	1.12	1.46	0.54	1.00	1.61	1.37
chickpeas	t/ha	1.02	1.17	0.95	1.02	1.21	1.15
field peas	t/ha	0.70	1.60	0.36	0.91	0.90	1.29
lupins	t/ha	1.11	1.59	0.64	0.88	1.15	1.21
oats	t/ha	1.43	1.81	0.75	1.21	1.38	1.48
triticale	t/ha	1.57	1.95	0.54	1.25	1.42	1.54
wheat	t/ha	1.63	2.02	0.92	1.08	1.58	1.65
Summer crops							
maize	t/ha	5.83	5.03	4.90	5.69	5.25	5.14
rice	t/ha	6.60	9.83	8.15	8.50	8.10	8.51
sorghum	t/ha	2.66	2.52	2.09	3.26	3.23	2.80
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	1.65	1.16
Industrial crops							
Cotton (lint)	t/ha	2.01	1.78	2.10	2.12	2.01	1.92
Sugar cane (for crushing)	t/ha	87	93	89	86	84	83
Winegrapes	t/ha	12.6	12.0	8.6	11.1	9.5	10.7
Livestock							
Wool a	kg/sheep	4.57	4.25	4.21	4.24	4.25	4.24
Whole milk	L/cow	5 215	5 367	5 336	5 624	5 724	5 732

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	6 499	5 315	3 135	4 050	3 900	4 274
canola	kt	1 019	884	238	519	973	920
chickpeas	kt	151	211	244	218	466	499
lupins	kt	419	469	174	76	101	143
oats (unprepared)	kt	165	190	62	115	196	209
peas b	kt	116	156	248	142	118	158
wheat c	kt	15 780	15 168	11 196	7 408	13 412	14 557
Summer crops							
cottonseed	kt	214	204	104	18	37	149
rice	kt	271	258	491	78	33	69
sorghum	kt	513	173	46	251	1 368	1 106
other oilseeds d	kt	28	18	13	11	10	35
Total grains and oilseeds	kt	25 175	23 048	15 950	12 886	20 615	22 119
Industrial crops							
Raw cotton e	kt	410	650	487	266	260	322
Sugar	kt	4 153	3 883	3 719	3 493	3 394	3 321
Wine	ML	661	736	798	709	750	760
Meat and live animals for slaughter							
Beef and veal gh	kt	948	892	974	930	968	940
Live cattle i	'000	574	549	638	713	856	830
Lamb g	kt	123	143	150	163	156	162
Live sheep i	'000	3 233	4 248	4 138	4 069	4 064	3 700
Mutton g	kt	137	145	162	158	146	147
Pig meat g	kt	43	44	41	39	32	37
Poultry meat g	kt	20	22	28	30	37	40
Wool							
Greasy js	kt	372	377	402	343	314	289
Semi-processed	kt (gr.eq.)	114	91	82	67	61	58
Skins	kt (gr.eq.)	61	75	83	67	63	59
Total js	kt (gr.eq.)	547	543	566	477	439	406
Dairy products							
Butter k	kt	69	83	81	57	70	57
Cheese	kt	228	202	213	203	146	144
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	110

Continued

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	5 254	4 884
Fisheries products							
Tuna l	kt	10.9	11.7	11.6	12.6	11.5	11.4
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	3.9
Rock lobster							
tails	kt	1.8	1.6	1.5	1.0	0.8	0.7
whole	kt	10.2	9.9	8.3	8.1	8.4	7.1
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	1.3
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	16 665	16 149
LPG	ML	2 844	2 800	2 824	2 589	2 427	2 577
LNG qs	Mt	10.589	12.267	15.057	14.332	16.249	17.613
Bunker fuel r	ML	2 207	2 163	2 156	2 169	2 217	2 160
Petroleum products	ML	1 846	2 082	1 752	1 807	1 136	1 157
Metallurgical coal	Mt	124.9	120.5	132.0	136.9	125.3	130.0
Thermal coal	Mt	106.4	110.8	111.6	115.1	136.4	140.0
Uranium (U ₃ O ₈)	t	11 249	10 253	9 519	10 139	10 114	10 520

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	16 282
aluminium (ingot metal)	kt	1 512	1 617	1 638	1 650	1 749	1 646
Copper							
ore and concentrate ^u	kt	1 326	1 635	1 493	1 694	1 802	1 860
refined	kt	322	314	290	296	361	310
Gold ^v	t	309	315	400	382	437	442
Iron and steel							
iron ore and pellets	Mt	228.5	239.4	257.4	294.3	323.3	381.0
iron and steel ^w	kt	2 338	2 428	2 648	2 131	1 741	1 885
Lead							
ores and concentrates	kt	417	502	422	308	382	382
refined	kt	243	244	215	193	261	201
bullion	kt	164	140	112	169	147	148
Manganese ^u	kt	3 128	3 215	4 667	5 105	3 226	3 415
Nickel ^{vs}	kt	214	207	207	210	189	152
Titanium							
ilmenite concentrate ^x	kt	633	722	999	894	1 538	1 811
leucogene concentrate	kt	93	86	123	56	20	19
rutile concentrate	kt	158	169	307	399	550	634
synthetic rutile ^s	kt	517	472	508	513	512	518
titanium dioxide pigment	kt	175	177	171	175	141	175
Refined silver	t	517	482	431	335	423	592
Tin ^v	t	1 529	1 556	1 867	3 079	4 159	5 430
Zinc							
ores and concentrates ^u	kt	1 953	1 821	1 948	2 323	2 098	1 694
refined	kt	397	388	374	411	451	425
Zircon concentrate ^y	kt	428	438	555	637	685	819
Other minerals							
Diamonds	'000 ct	32 471	25 354	24 632	16 528	16 279	4 300
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 leucogene 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	1 403
canola	397	331	108	303	595	584
chickpeas	65	106	168	139	275	291
lupins	89	99	38	31	35	44
oats	36	47	20	37	64	65
peas b	33	43	80	61	63	81
wheat c	3 488	3 296	2 765	2 990	5 029	4 717
Summer crops						
cottonseed	55	53	31	8	19	73
rice	173	171	347	71	32	65
sorghum	96	33	13	76	405	501
other oilseeds d	33	21	22	27	27	72
Total grains and oilseeds	5 739	5 308	4 426	5 240	7 864	7 896
Industrial crops						
Raw cotton e	771	1 137	823	466	500	679
Sugar	1 098	1 454	1 510	1 006	1 217	1 586
Wine	2 748	2 799	2 988	2 682	2 428	2 450
Total	4 617	5 391	5 321	4 153	4 145	4 715
Other crops	3 322	3 298	3 337	3 632	4 730	4 437
Total crops	13 679	13 996	13 084	13 025	16 739	17 048
Meat and live animals for slaughter						
Beef and veal	4 584	4 272	4 634	4 190	4 857	4 465
Live cattle g	374	358	437	451	559	533
Lamb	673	767	748	803	925	891
Live sheep g	207	291	289	286	339	313
Mutton	398	432	458	443	482	470
Pig meat	150	143	142	128	124	134
Poultry meat	20	21	26	32	43	46
Total	6 405	6 284	6 734	6 333	7 329	6 851
Wool						
Greasy h	1 994	1 868	2 316	2 115	1 728	1 681
Semi-processed	505	389	393	362	281	271
Skins	339	287	356	319	312	305
Total h	2 838	2 544	3 065	2 796	2 321	2 258
Dairy products						
Butter	188	225	179	195	232	146
Cheese	877	837	824	968	796	619
Casein	116	89	113	125	107	71
Skim milk powder	420	529	505	533	553	385
Whole milk powder	324	334	275	392	475	355
Other dairy products	559	556	542	550	515	465
Total	2 485	2 569	2 438	2 763	2 679	2 041
Other livestock exports	2 496	2 436	2 577	2 611	2 837	2 914
Total livestock exports	14 223	13 833	14 815	14 503	15 165	14 064
Total farm exports	27 902	27 829	27 899	27 528	31 904	31 112

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	917
Pulp and paper products	854	872	949	1 005	964	987
Other e	406	429	455	394	385	409
Total	2 119	2 140	2 355	2 471	2 346	2 313
Fisheries products						
Tuna i	166	179	162	206	177	168
Other fish	139	115	118	119	157	116
Prawns j						
headless	7	3	2	6	8	6
whole	153	129	89	56	71	58
Rock lobster						
tails	101	97	102	63	53	50
whole	330	387	357	333	405	373
Abalone						
fresh, chilled or frozen	124	132	139	124	119	122
prepared or preserved	139	114	107	93	89	87
Scallops k	33	39	35	28	33	38
Pearls	291	290	314	264	366	338
Other fisheries products	61	62	69	49	52	69
Total	1 542	1 547	1 494	1 342	1 529	1 425
Total rural exports l						
Derived as sum of above	31 562	31 516	31 748	31 342	35 779	34 851
On balance of payments basis m	30 305	30 429	30 388	29 950	33 757	32 920
Mineral resources						
Energy						
Crude oil n	6 330	6 638	8 317	10 484	8 758	8 766
LPG	804	1 002	1 038	1 182	1 021	1 027
LNG	3 199	4 416	5 222	5 854	10 086	7 138
Bunker fuel o	951	1 322	1 295	1 457	1 537	1 299
Other petroleum products	844	1 195	1 098	1 323	782	935
Metallurgical coal	10 758	17 003	15 039	16 038	36 690	18 273
Thermal coal	6 336	7 206	6 758	8 365	17 901	11 113
Uranium (U ₃ O ₈)	475	546	660	887	990	1 096
Total						
derived as sum of above	29 696	39 328	39 427	45 591	77 765	49 647
on balance of payments basis (excl. bunker fuel)	28 394	37 570	37 570	43 488	75 460	47 375
Metalliferous minerals and metals						
Aluminium						
bauxite s	123	127	153	206	192	177
alumina	4 383	5 262	6 243	5 809	6 015	4 901
aluminium (ingot metal)	3 726	4 788	5 650	4 967	4 726	3 477
Copper p						
ore and concentrate	1 750	3 492	3 914	4 151	3 544	3 850
refined	1 332	2 161	2 612	2 579	2 222	2 371

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 <i>s</i> \$m	2009-10 <i>f</i> \$m
Mineral resources (continued)						
Metalliferous minerals and metals (continued)						
Gold <i>p</i>	5 523	7 089	10 320	10 903	16 146	16 377
Iron and steel						
iron ore and pellets	8 120	12 854	15 512	20 511	34 249	27 437
iron and steel	2 031	1 674	1 743	1 562	1 363	1 103
Lead <i>p</i>						
ores and concentrates	490	711	855	757	611	618
refined	305	350	457	674	560	395
bullion	246	235	268	595	432	341
Manganese						
ore <i>s</i>	473	424	482	1 532	1 406	798
Titanium						
ilmenite concentrate <i>q</i>	63	76	113	104	171	203
leucoxene concentrate	25	25	35	15	12	12
rutile concentrate	114	138	259	277	335	371
synthetic rutile <i>s</i>	306	321	361	305	258	241
titanium dioxide pigment	422	441	408	375	396	428
Nickel <i>s</i>	3 749	3 642	8 469	5 716	2 617	2 859
Refined silver	161	197	221	187	245	357
Tin <i>p</i>	8	12	25	42	70	101
Zinc <i>p</i>						
ores and concentrates	852	1 542	2 590	2 031	929	876
refined	614	998	1 707	1 319	923	879
Zircon concentrate <i>r</i>	319	398	478	421	540	402
Total	35 136	46 957	62 876	65 041	77 962	68 574
Other minerals						
Diamonds <i>s</i>	683	836	726	625	676	315
Salt	226	229	239	232	237	247
Other	3 770	5 262	4 708	6 206	4 578	4 677
Total mineral resources exports	69 511	92 611	107 976	117 696	161 218	123 460
Total commodity exports						
Derived as sum of above	101 073	124 127	139 723	149 037	196 998	158 311
On balance of payments <i>t</i>	98 866	121 718	137 068	146 188	193 439	155 081

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 \$m	2005-06 \$m	2006-07 \$m	2007-08 \$m	2008-09 \$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	274
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	4 462
Mineral resources					
Imports					
aluminium (ingot metal)	17	20	11	10	7
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	3 191
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	14 706
natural gas	0	152	800	724	2 166
petroleum products g	5 121	8 608	7 784	12 730	13 124

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.

Australian commodities September quarter 2009

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