

VALUE OF AGRICULTURAL COMMODITIES PRODUCED

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) THURS 31 JUL 2008

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For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070.

NOTES

ABOUT THIS PUBLICATION

This publication contains final estimates of gross and local values of production of major agricultural commodities for all states, territories and Australia for the year ended 30 June 2007.

This issue also provides Chain Volume Indexes from 2001-02 to 2006-07.

Additional information accompanies this publication on the ABS website as datacubes, and more detailed information may be available on request. Please send any comments or questions to the National Information and Referral Service on 1300 135 070.

ABBREVIATIONS

\$m million dollars

ABS Australian Bureau of Statistics

ACT Australian Capital Territory

AS Agricultural Survey

Aust. Australia

EVAO Estimated Value of Agricultural Operations

n.e.i. not elsewhere included

NSW New South Wales

NT Northern Territory

Qld Queensland

RSE relative standard error

SA South Australia

SE standard error

Tas. Tasmania

Vic. Victoria

WA Western Australia

Brian Pink

Australian Statistician

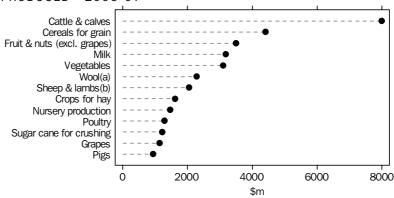
NATIONAL ESTIMATES

The gross value of total Australian agricultural production decreased by \$2.4 billion (or 6%) to \$36.1 billion in 2006-07.

Most of the fall in value was due to the decrease in the value of crops (down by 14% to \$17.9 billion), as production was affected by drought conditions in many areas. However, the gross value of livestock slaughterings and other disposals rose by 3% to \$12.3 billion as farmers de-stocked due to drought. The value of livestock products increased by 1% to \$5.8 billion in the same period.

The most valuable agricultural commodities in 2006-07 were cattle and calf slaughterings and other disposals (\$8.0 billion, up 4%), cereals for grain (\$4.4 billion, down 42%), fruit and nuts, excluding grapes (\$3.5 billion, up 33%), whole milk (\$3.2 billion, down 5%), vegetables (\$3.1 billion, up 10%) and wool (\$2.3 billion, up 11%).

GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED—2006-07



Notes: (a) Includes value of dead wool and wool on skins.

(b) Excludes value of wool on skins.

Crops

In 2006-07 the decrease in the gross value of crops from the previous year was due to significant decreases in production of most crops, although there were increases in some average prices.

The gross value of broadacre crops fell by 27% to \$10.2 billion. The extent of the fall in production levels resulted in notable decreases in the gross values of wheat (down 49% to \$2.6 billion), barley (down 27% to \$1.0 billion), cotton (down 46% to \$507 million), canola (down 52% to \$227 million) and lupins (down by 50% to \$125 million), despite significant increases in average prices. Sugar cane cut for crushing recorded an increase (up 18% to \$1.2 billion), as did chickpeas (up 145% to \$137 million).

The gross value of pasture, cereals and other crops cut for hay increased by 12% to \$1.6 billion in 2006-07 as increased average prices more than offset the 36% fall in production.

In 2006-07 the gross value of fruit and nut crops rose by 16% to \$4.6 billion. A decrease was recorded for grapes (down 17% to \$1.1 billion), but most of the major fruit commodities reported increased values, including: bananas (up 100% to \$860 million), apples (up 35% to \$484 million), oranges (up 13% to \$311 million) and strawberries (up 18% to \$201 million).

The gross value of vegetable crops rose by 10% to \$3.1 billion in 2006-07, principally from the increased value of production of tomatoes, potatoes, lettuce, mushrooms, onions

SUMMARY OF FINDINGS continued

Crops continued

and carrots. Potatoes were the highest value vegetable crop (up 11% to \$514 million) followed by tomatoes (up 8% to \$296 million), lettuces (up 78% to \$283 million) and mushrooms (up 6% to \$260 million). Increases were also recorded for onions (up 31% to \$190 million) and carrots (up 1% to \$158 million). In contrast the gross value of capsicums fell by 19% to \$139 million.

Livestock slaughterings and other disposals

In 2006-07 the gross value of livestock slaughtered was up by 3% to \$12.3 billion, with increases reported for cattle, poultry and pigs.

The gross value of total cattle and calves slaughterings and other disposals was up by 4% to \$8.0 billion. This was mainly due to an increase in the number of animals presented to market (up 9%) since average prices for meat cattle fell by 5%. In addition, the gross value of live meat cattle exports increased by 9% to \$504 million in 2006-07.

In 2006-07 the gross value of total sheep and lamb slaughterings and other disposals fell by 3% to \$2.1 billion. This was mainly due to a 10% decrease in average price, which was only partially offset by an 8% rise in slaughtering numbers. The value of live sheep exports also fell, down by 2% to \$291 million in 2006-07.

The gross value of pig slaughterings and other disposals was up by 6% to \$944 million. Although the number of disposals fell by 1%, the average price increased by 7% in 2006-07.

The gross value of poultry slaughterings and other disposals was up by 6% to \$1.3 billion in 2006-07, as production increased by 3% and the average price increased by 2%.

Livestock products

The final estimate of the gross value of livestock products in 2006-07 was \$5.8 billion, up 1% on the previous year.

In 2006-07 the value of total wool production increased by 11% to \$2.3 billion, as production decreased by 3% and the average price rose by 15%. Production of shorn wool fell by 5% whilst production of skin wool increased by 9% as more sheep and lambs were slaughtered in 2006-07.

The gross value of whole milk fell by 5% to \$3.2 billion in 2006-07, due to reduced production since average prices remained stationary.

In 2006-07 the gross value of Australian egg production was up by 3% to \$388 million. While average egg prices increased by 8%, production fell by 4% over the same period.

Marketing Costs

Total marketing costs accounted for \$2.7 billion or 8% of the total gross value of agricultural production in 2006-07.



VALUE OF AGRICULTURAL COMMODITIES PRODUCED—Year ended 30 June

	AUST.		2007							
	2006	2007	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
	• • • • • • • •	• • • • • • • •	GROSS	VALUE	• • • • • • •	• • • • • • •	• • • • • •		• • • • •	• • • • •
Crops(a) Livestock slaughterings & other	r20 810.2	17 944.6	3 693.0	3 498.5	4 751.8	2 247.7	3 120.2	500.6	129.5	3.3
disposals	11 959.6	12 335.9	2 818.0	2 607.9	4 359.5	895.0	1 170.6	236.2	242.7	5.9
Livestock products	5 770.8	5 846.8	1 229.4	2 620.8	420.2	547.1	698.0	322.9	0.9	7.5
Total agriculture	r 38 540.6	36 127.3	7 740.5	8 727.3	9 531.5	3 689.8	4 988.7	1 059.7	373.1	16.7
• • • • • • • • • • • • • • • • • • • •		• • • • • • • •	• • • • • • • •						• • • • •	
			MARKETIN	IG COST	S					
Crops(a) Livestock slaughterings & other	2 326.1	1 632.0	335.8	300.1	568.1	147.0	250.3	24.6	6.0	_
disposals	878.6	912.6	200.1	222.5	256.7	78.7	108.6	21.0	24.4	0.6
Livestock products	177.8	193.8	61.6	44.0	23.1	23.7	36.0	4.1	0.1	1.2
Total agriculture	3 382.5	2 738.4	597.6	566.6	847.9	249.5	394.9	49.8	30.5	1.8
•••••	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •	• • • • • •	• • • • • •		• • • • •	• • • • •
			LOCAL	VALUE						
Crops(a) Livestock slaughterings & other	r18 484.1	16 312.6	3 357.2	3 198.4	4 183.7	2 100.7	2 869.9	476.0	123.5	3.3
disposals	11 081.1	11 423.3	2 617.9	2 385.4	4 102.8	816.3	1 062.0	215.2	218.3	5.4
Livestock products	5 593.0	5 653.0	1 167.8	2 576.8	397.1	523.5	662.0	318.7	0.8	6.3
Total agriculture	r 35 158.2	33 388.9	7 142.9	8 160.7	8 683.6	3 440.4	4 593.9	1 009.9	342.7	14.9

nil or rounded to zero (including null cells)

⁽a) Includes pastures and grasses, vegetables, fruit and nuts.

revised

GROSS VALUE OF AGRICULTURAL COMMODITIES PRODUCED—Year ended 30 June

	AUST.		2007							
	2006	2007	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • • • • • • • • • • •	• • • • • • • •			• • • • • • •						• • • • •
Crops										
Cereals for grain	r7 594.0	4 407.6	1 058.0	435.5	429.1	620.1	1 853.8	10.8	^ 0.4	*
Cotton(a)	933.3	506.7	385.4	_	121.3	_	_	_	_	_
Fruit and nuts (excl.										
grapes)	2 626.9	3 499.1	590.1	826.8	1 410.7	380.5	171.0	66.5	53.5	_
Grapes	1 377.5	1 137.8	237.7	294.8	48.5	430.1	107.1	13.2	6.0	0.4
Hay(b)	1 450.7	1 618.6	346.6	655.6	194.4	117.0	257.8	36.6	10.6	0.1
Legumes for grain	r657.5	395.6	131.9	17.2	43.1	79.2	123.1	^ 1.1	_	_
Nursery production	1 418.0	1 464.7	357.7	501.3	287.5	75.2	179.7	35.3	^ 25.3	2.8
Oilseeds	528.1	247.1	42.1	19.5	^ 3.8	36.0	145.2	^0.2	^ 0.2	_
Sugar cane for crushing	1 031.8	1 221.4	93.9	_	1 121.5	_	6.0	_	_	_
Vegetables	2 833.4	3 103.0	428.9	704.4	1 002.3	477.7	267.8	192.6	29.3	*
All other crops n.e.i.	r358.9	^ 343.1	^ 20.7	^ 43.6	89.6	*32.0	^ 8.6	*144.3	**4.2	*
Total crops	r20 810.2	17 944.6	3 693.0	3 498.5	4 751.8	2 247.7	3 120.2	500.6	129.5	3.3
Livestock slaughterings and										
other disposals										
Cattle and calves	7 684.9	7 987.9	1 672.9	1 252.6	3 815.9	286.3	546.9	172.5	236.3	4.4
Sheep and lambs(c)	2 112.4	2 057.1	418.0	818.0	44.8	307.5	428.5	39.0	_	1.2
Pigs	890.1	943.6	295.8	141.8	236.6	np	np	np	0.7	
Poultry	1 222.7	1 294.1	428.3	384.1	239.4	np	np	np	_	0.3
Other livestock	49.5	53.3	2.9	11.4	22.8	1.9	8.6	_	5.7	_
Total livestock										
slaughterings and										
other disposals	11 959.6	12 335.9	2 818.0	2 607.9	4 359.5	895.0	1 170.6	236.2	242.7	5.9
Livestock products										
Wool(d)	2 053.9	2 281.6	732.9	497.9	120.2	315.2	534.2	80.0	_	1.1
Whole milk	3 341.3	3 177.6	394.3	2 016.3	207.1	213.7	111.9	234.3	_	_
Eggs	375.6	387.6	^ 102.2	^ 106.6	92.9	^ 18.2	^ 51.9	8.5	0.9	6.3
Total livestock products	5 770.8	5 846.8	1 229.4	2 620.8	420.2	547.1	698.0	322.9	0.9	7.5
Total agriculture	r 38 540.6	36 127.3	7 740.5	8 727.3	9 531.5	3 689.8	4 988.7	1 059.7	373.1	16.7

estimate has a relative standard error of 10% to less than 25% and should be used with caution

estimate has a relative standard error of 25% to 50% and should be r revised used with caution (a) Includes value of cotton seed.

estimate has a relative standard error greater than 50% and is considered too unreliable for general use

nil or rounded to zero (including null cells)

np not available for publication but included in totals where applicable, unless otherwise indicated

⁽b) Comprises pastures, cereals and other crops cut for hay.(c) Excludes value of wool on skins.

⁽d) Includes dead wool and wool on skins.



AGRICULTURAL COMMODITIES PRODUCED, Gross Value and Chain Volume Index(a)

	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07
	\$m	\$m	\$m	\$m	\$m	\$m
GROSS VALUE OF COMMO	DITIES D	DODUCED	(CUDDE	NT DDIC	EC)	• • • • • • •
	DITILS F	KODOCLD	(CORKL	NI FRIC	L3)	
Crops Barley for grain	1 724.8	984.2	1 750.1	1 233.3	1 417.4	1 038.9
Cotton(b)	1 326.8	^ 853.0	750.1	945.1	933.3	506.7
Fruit and nuts (excl. grapes)	2 129.7	2 216.1	2 183.8	2 546.9	2 626.9	3 499.1
Grapes	1 577.7	1 370.8	1 688.8	1 508.2	1 377.5	1 137.8
Legumes for grain	805.5	395.0	572.8	394.2	r657.5	395.6
Nursery production	772.6	787.8	8.008	768.2	1 418.0	1 464.7
Oats for grain	251.3	209.7	278.7	171.8	248.7	180.5
Oilseeds	725.3	413.9	745.9	548.9	528.1	247.1
Other cereals for grain	989.0	723.6	823.1	672.8	r828.7	569.7 1 221.4
Sugar cane for crushing	989.1 2 268.5	1 018.9 2 125.6	854.1 2 355.5	979.5 2 133.5	1 031.8 2 833.4	3 103.0
Vegetables Wheat for grain	6 356.3	2 691.9	2 335.3 5 635.8	4 316.5	2 633.4 5 099.2	2 618.5
All other crops n.e.i.(c)	1 486.1	1 684.3	2 050.4	1 588.5	r1 809.6	1 961.7
Total crops	21 402.7	15 474.9	20 490.7	17 807.3	r20 810.2	17 944.6
Livestock slaughterings and other disposals		20 // //0	20 .00	2. 00.10	.20 020.2	2. 0
Cattle and calves	7 142.4	6 411.1	6 658.8	7 828.8	7 684.9	7 987.9
Sheep and lambs(d)	2 117.6	2 036.9	2 038.8	1 949.0	2 112.4	2 057.1
Pigs	967.7	911.3	878.9	906.0	890.1	943.6
Poultry	1 174.9	1 280.5	1 280.8	1 303.7	1 222.7	1 294.1
Total livestock slaughterings and other disposals(e)	11 434.5	10 676.0	10 896.0	12 030.2	11 959.6	12 335.9
Livestock products						
Wool(f)	2 713.2	3 317.8	2 396.5	2 165.9	2 053.9	2 281.6
Milk	3 717.1	2 795.2	2 808.7	3 193.8	3 341.3	3 177.6
Eggs	320.4	294.0	335.5	327.9	375.6	387.6
Total livestock products	6 750.7	6 412.1	5 540.7	5 687.6	5 770.8	5 846.8
Total agricultural commodities produced	39 587.9	32 563.0	36 927.4	35 525.1	r 38 540.6	36 127.3
Total agricultural commodities produced			36 927.4		r 38 540.6	36 127.3
	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •		36 127.3
-	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •		36 127.3
CHAIN VOLUME INDEX OF GR	• • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • •		36 127.3
CHAIN VOLUME INDEX OF GR	OSS VAL	UE OF CO	MMODIT	IES PROI	DUCED	• • • • • •
CHAIN VOLUME INDEX OF GR Crops Barley for grain	194.5 239.6 90.3	90.8 129.2 97.3	243.9 112.5 89.0	181.8 199.8 105.4	222.7 198.7 103.7	100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes	194.5 239.6 90.3 113.7	90.8 129.2 97.3 97.9	243.9 112.5 89.0 131.5	181.8 199.8 105.4 132.1	222.7 198.7 103.7 129.5	100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain	194.5 239.6 90.3 113.7 140.1	90.8 129.2 97.3 97.9 118.6	243.9 112.5 89.0 131.5 224.3	181.8 199.8 105.4 132.1 162.6	222.7 198.7 103.7 129.5 267.1	100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production	194.5 239.6 90.3 113.7 140.1 80.0	90.8 129.2 97.3 97.9 118.6 70.9	243.9 112.5 89.0 131.5 224.3 69.4	181.8 199.8 105.4 132.1 162.6 77.8	222.7 198.7 103.7 129.5 267.1 108.8	100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain	194.5 239.6 90.3 113.7 140.1 80.0 191.7	90.8 129.2 97.3 97.9 118.6 70.9 127.9	243.9 112.5 89.0 131.5 224.3 69.4 269.8	181.8 199.8 105.4 132.1 162.6 77.8 171.5	222.7 198.7 103.7 129.5 267.1 108.8 225.7	100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2	100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2 113.3	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c)	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2 113.3	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2 113.3 89.2	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2 113.3 89.2	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves Sheep and lambs(d)	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2 113.3 89.2	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves Sheep and lambs(d) Pigs	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2 113.3 89.2	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves Sheep and lambs(d) Pigs Poultry	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6 92.7 99.7 103.6 82.3	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2 113.3 89.2 96.0 92.5 110.1 85.0	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1 91.0 83.8 106.5 85.6	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9 92.9 93.2 101.8 95.3	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves Sheep and lambs(d) Pigs Poultry Total livestock slaughterings and other disposals(e) Livestock products Wool(f)	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6 92.7 99.7 103.6 82.3	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 131.8 101.9 79.7 95.2 113.3 89.2 96.0 92.5 110.1 85.0	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1 91.0 83.8 106.5 85.6	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9 92.9 93.2 101.8 95.3	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves Sheep and lambs(d) Pigs Poultry Total livestock slaughterings and other disposals(e) Livestock products Wool(f) Milk	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6 92.7 99.7 103.6 82.3 93.5	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 101.9 79.7 95.2 113.3 89.2 96.0 92.5 110.1 85.0 95.1	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1 91.0 83.8 106.5 85.6 90.2	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1 96.7 85.6 101.6 92.4 94.5	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9 92.9 93.2 101.8 95.3 93.8	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves Sheep and lambs(d) Pigs Poultry Total livestock slaughterings and other disposals(e) Livestock products Wool(f) Milk Eggs	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6 92.7 99.7 103.6 82.3 93.5	90.8 129.2 97.3 97.9 118.6 70.9 143.8 131.8 101.9 79.7 95.2 113.3 89.2 96.0 92.5 110.1 85.0 95.1	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1 91.0 83.8 106.5 85.6 90.2	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1 96.7 85.6 101.6 92.4 94.5	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9 92.9 93.2 101.8 95.3 93.8	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves Sheep and lambs(d) Pigs Poultry Total livestock slaughterings and other disposals(e) Livestock products Wool(f) Milk Eggs Total livestock products	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6 92.7 99.7 103.6 82.3 93.5	90.8 129.2 97.3 97.9 118.6 70.9 127.9 143.8 101.9 79.7 95.2 113.3 89.2 96.0 92.5 110.1 85.0 95.1	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1 91.0 83.8 106.5 85.6 90.2	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1 96.7 85.6 101.6 92.4 94.5	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9 92.9 93.2 101.8 95.3 93.8	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0
CHAIN VOLUME INDEX OF GR Crops Barley for grain Cotton(b) Fruit and nuts (excl. grapes) Grapes Legumes for grain Nursery production Oats for grain Oilseeds Other cereals for grain Sugar cane for crushing Vegetables Wheat for grain All other crops n.e.i.(c) Total crops Livestock slaughterings and other disposals Cattle and calves Sheep and lambs(d) Pigs Poultry Total livestock slaughterings and other disposals(e) Livestock products Wool(f) Milk Eggs	194.5 239.6 90.3 113.7 140.1 80.0 191.7 299.4 250.9 86.3 88.5 228.4 130.9 129.6 92.7 99.7 103.6 82.3 93.5	90.8 129.2 97.3 97.9 118.6 70.9 143.8 131.8 101.9 79.7 95.2 113.3 89.2 96.0 92.5 110.1 85.0 95.1	243.9 112.5 89.0 131.5 224.3 69.4 269.8 294.7 218.1 101.9 90.5 245.6 166.2 138.1 91.0 83.8 106.5 85.6 90.2	181.8 199.8 105.4 132.1 162.6 77.8 171.5 267.5 185.0 104.6 92.4 205.9 141.4 132.1 96.7 85.6 101.6 92.4 94.5	222.7 198.7 103.7 129.5 267.1 108.8 225.7 254.2 255.3 102.1 102.4 236.4 155.6 147.9 92.9 93.2 101.8 95.3 93.8	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0

estimate has a relative standard error of 10% to less than 25% (c) Includes pastures, cereals and other crops cut for hay. and should be used with caution (d) Excludes value of wool on skins.

⁽a) See paragraph 15 to 17 of the Explanatory Notes.

⁽b) Includes value of cotton seed.

⁽e) Includes other livestock.(f) Includes dead wool and wool on skins.

EXPLANATORY NOTES

INTRODUCTION

- **1** The value estimates in this publication are derived by the multiplication of price and quantity estimates of agricultural commodities.
- **2** Price data refers to the average unit value of a given commodity realised in the market place. Price information for livestock slaughterings and wool is obtained from Australian Bureau of Statistics (ABS) collections. Price information for other commodities is obtained from non-ABS sources, including marketing authorities and industry sources.
- **3** Quantity data for most crops and for eggs have been collected from the 2006–07 Agricultural Commodities Survey. The basis of the collection of these agricultural commodities was changed with the introduction of a new frame for the 2005–06 Agricultural Census. Remaining commodity data (apples, grapes, livestock disposals and livestock products excluding eggs) are obtained from other ABS collections, with some information from non-ABS sources, and continue to be comparable across time.
- **4** Where figures for individual states or territories have been suppressed for reasons of confidentiality, they have been included in relevant totals.
- **5** The estimates for earlier years shown in this publication have been revised where necessary. In this issue revisions include a revision to the 2005-06 price for rice and a reclassification of certain commodities from 'All other crops n.e.i.' to 'Legumes for grain', and inclusion of brussel sprouts in 'All other vegetables n.e.i.'.
- **6** Where figures have been rounded, discrepancies may occur between sums of the component items and totals.
- 7 The method of collection of relevant prices and the costs of marketing for agricultural commodities varies considerably between states and between commodities. Where a statutory authority handles marketing of the whole or a portion of a product, data are usually obtained from this source. Information is also obtained from marketing reports, wholesalers, brokers and auctioneers. For all commodities, values are in respect of production during the year (or season) irrespective of when payments are made. For that portion of production not marketed (e.g. hay grown on farm for own use), estimates are made from the best available information and, in general, are calculated on a local value basis.
- **8** The production statistics used in deriving the final value estimates relate to the years ended 30 June.

9 The following are brief definitions of the terms used:

- Gross value of agricultural commodities produced is the value placed on recorded production at the wholesale prices realised in the market place.
- Market place, in general, is the metropolitan market in each state. In cases where commodities are consumed locally, or where they become raw material for a secondary industry, these points are presumed to be the market place.
- Marketing costs represent the difference between gross and local values. Although there are difficulties in obtaining complete information on marketing costs (which include freight, cost of containers, commission and other marketing charges), the information provides a perspective on the marketing costs of major commodities. Significant differences in the marketing costs for individual commodities may occur as a result of different marketing arrangements.
- Livestock slaughterings and other disposals values are published as one figure but include two distinct components:
 - value of livestock slaughtered; and

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DEFINITIONS OF TERMS USED

DEFINITIONS OF TERMS
USED continued

value of net exports, i.e. the total value of livestock intended for slaughter in adjacent state(s) where available (at present these can only be identified between the Northern Territory and adjacent states) and livestock exported overseas whether for slaughter or breeding, minus the value of imports of livestock.

SAMPLE ERROR

- **10** The estimates for 2006–07 gross value of most crops and for eggs are based on information obtained from respondents to the 2006–07 Agricultural Survey. These estimates are therefore subject to sampling variability; that is, they may differ from the figures that would have been produced if all agricultural businesses had been included in the Agricultural Survey.
- **11** One measure of the likely difference is given by the standard error (SE) which indicates the extent to which an estimate might have varied by chance because only a sample was taken or received. There are about two chances in three that a sample estimate will differ by less than one SE from the figure that would have been obtained if all establishments had been reported for, and about nineteen chances in twenty that the difference will be less than two SEs.
- **12** The estimates of gross value of livestock slaughterings and other disposals, wool and milk are based on data obtained from censuses and are therefore not subject to sampling variability.
- standard error (RSE) which is obtained by expressing the SE as a percentage of the estimate to which it refers. Most published estimates have RSEs less than 10%. For some states with limited production of certain commodities, RSEs are greater than 10%. Estimates that have an estimated relative standard error between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with an RSE between 25% and 50% are annotated with the symbol '*', indicating that the estimate should be used with caution as it is subject to sampling variability too high for most practical purposes. Estimates with an RSE greater than 50% are annotated with the symbol '**' indicating that the sampling variability causes the estimates to be considered too unreliable for general use. Separate indication of the RSEs of all estimates is available on request.
- **14** A table with RSEs for selected estimates of gross values follows:

RELATIVE STANDARD ERRORS, Gross Values of Selected Commodities—At 30 June 2007

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
	%	%	%	%	%	%	%	%	%
Barley for grain	4.9	4.2	17.8	2.3	3.0	8.5	_	_	1.8
Canola	9.9	8.8	76.2	5.1	6.1	15.5	_	_	4.2
Lupins for grain	16.7	12.8	48.6	7.6	5.2	44.0	_	_	4.5
Sorghum for grain	7.5	39.6	6.7	_	53.4	_	20.8	_	5.2
Sugar cane for crushing	8.0	_	3.1	_	3.5	_	_	_	2.9
Wheat for grain	3.6	4.2	10.8	2.0	2.4	8.0	_	36.9	1.7
Total crops	1.7	1.6	1.9	1.1	1.4	9.8	5.0	8.1	8.0
Total livestock									
slaughterings	_	_	_	_	_	_	_	_	_
Total livestock products	0.9	0.4	1.0	0.4	1.2	_	_	_	0.3
Total agriculture	0.8	0.7	1.0	0.7	0.9	4.6	1.7	1.6	0.4

nil or rounded to zero (including null cells)

CHAIN VOLUME INDEX

15 The chain volume measures appearing in this publication are an annually

EXPLANATORY NOTES continued

re-weighted chain Laspeyres index referenced to the current price values in a chosen reference year.

- **16** Chain Laspeyres volume measures are compiled by linking together (compounding) movements in volumes, calculated using the average prices of the previous financial year, and applying the compounded movements to the current price estimates of the reference year.
- 17 To obtain a measure of the value of production at 2006-07 prices for a commodity in a table for an earlier period, the reference year (2006-07) value of the commodity is multiplied by the chain volume index of that commodity for the earlier period, and divided by 100.
- **18** Further information about chain volume measures can be obtained from the *Information Paper: Australian National Accounts, Introduction of Chain Volume and Price Indexes* (cat. no. 5248.0).

ABS DATA AVAILABLE ON REQUEST

19 As well as the statistics included in this and related publications, the ABS may have other relevant data available on request. Inquiries should be made to the National Information and Referral Service on 1300 135 070.

GENERAL ACKNOWLEDGMENT

20 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the Census and Statistics Act 1905.

RELATED PUBLICATIONS

21 A range of publications relevant to the Agriculture sector are produced by the ABS, including:

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Natural Resource Management on Australian Farms (cat. no. 4620.0)

Principal Agricultural Commodities, Australia, Preliminary (cat. no. 7111.0)

Value of Principal Agricultural Commodities Produced, Australia, Preliminary (cat. no. 7501.0)

Water Use on Australian Farms, Australia (cat. no. 4618.0)

22 Current publications and other products released by the ABS are listed in the *Catalogue of Publications and Products* (cat. no. 1101.0). The Catalogue is available from any ABS office or the ABS web site http://www.abs.gov.au. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead.

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