Australian Bureau of Statistics

2004–05

7121.0

AGRICULTURAL COMMODITIES AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) WED 28 JUN 2006

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INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Gordon Cameron on Hobart (03) 6222 5939.

NOTES

ABOUT THIS PUBLICATION

This publication contains final estimates for the main commodities collected in the 2004–05 Agricultural Survey. It contains detailed statistics on crops, livestock and livestock products, land use and industry and size characteristics of farms.

CHANGES IN THIS ISSUE

No changes in this issue.

MORE INFORMATION ON ABS AGRICULTURE STATISTICS

Information about ABS activities in the field of agriculture statistics is available from the Agriculture Statistics theme page on the ABS web site <http://www.abs.gov.au>. To access the Agriculture theme page, select 'Industry' under 'Themes' from the menu on the home page.

The 2004–05 Agriculture Survey also collected information relating to - Water use on farms, Computer and Internet usage by farm businesses (including the main type of Internet connection used by the business), Fencing to protect land from grazing and Trees and shrubs planted. This information is available by special request from the National Information and Referral Service on 1300 135 070 or Gordon Cameron on Hobart (03) 6222 5939.

Dennis Trewin
Australian Statistician

ABBREVIATIONS

'000	thousand
ABS	Australian Bureau of Statistics
ACT	Australian Capital Territory
ANZSIC	Australian and New Zealand Standard Industrial Classification
Aust.	Australia
EVAO	Estimated Value of Agricultural Operations
ha	hectare
kg	kilogram
ML	megalitre
n.e.c.	not elsewhere classified
NSW	New South Wales
NT	Northern Territory
Qld	Queensland
RSE	relative standard error
SA	South Australia
SE	standard error
SLA	statistical local area
t	tonne
Tas.	Tasmania
Vic.	Victoria
WA	Western Australia

NUMBER OF FARMS

The 2004–05 Agricultural Survey found that the number of farms in Australia had changed little from the previous year, with an estimated 129,934 farms at 30 June 2005.

The beef cattle farming industry remained the largest in terms of farm numbers, with around 28% of all farms. The mixed farming sector (grain-sheep/beef cattle) was the next largest with around 13% of all farms, followed by the sheep farming and grain growing sectors with around 10% each.

SIZE OF OPERATIONS

EVAO of operations

The median estimated value of agricultural operations (EVAO) of all farms was approximately $124,000 in 2004–05. Around 16% of all farms (20,300 farms) had an EVAO below $22,500, while at the other end of the scale, around 14% (18,200 farms) had an EVAO above $499,999.

The majority of farms with EVAO below $22,500 were involved in beef cattle farming (11,700 farms) and sheep farming (2,300 farms) while the majority of farms with EVAO above $499,999 were involved in grain growing (4,200 farms), mixed grain-sheep/beef cattle farming (3,100 farms), beef cattle farming (2,000 farms) and dairy cattle farming (1,900 farms).

On an industry basis, the cotton, poultry for meat, poultry for eggs, pig, and apple and pear industries were dominated by farms with large EVAOs, with around 75%, 59%, 38%, 36% and 36% respectively, having an EVAO greater than $499,999.

Area of operations

Most farms in 2004–05 were between 100 and 499 hectares in size, and accounted for 41,900 farms (or 32% of all farms). These farms were mainly engaged in beef cattle grazing, dairying, sheep grazing or mixed grain-sheep/beef cattle growing.

Small farms under 50 hectares were the second main size group and accounted for 25,400 farms (or 20% of all farms). These small farms were mainly engaged in beef cattle grazing, grape growing, fruit growing, vegetable growing and plant nursery operations.

Large farms of over 2,499 hectares accounted for 11% (14,700) of all farms and were mainly engaged in grazing or grain growing operations.

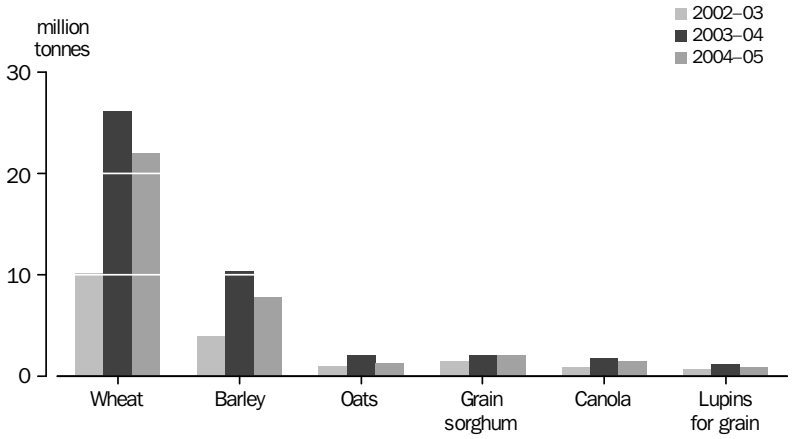
OVERVIEW

The 2004–05 harvest for many of the principal crops fell from the previous year's highs despite increased plantings.

Estimates for 2004–05 show increases in area planted for wheat, barley, canola, grain sorghum and cotton. Decreases in area planted were recorded for oats, lupins for grain, sugar cane and rice.

Estimates for 2004–05 show decreased production for all major crops, except grain sorghum, sugar cane and cotton. The fall in production reported for winter crops (i.e. wheat, barley, oats, canola and lupins) was largely due to dry conditions during their growing season. In contrast, production for summer crops (i.e. grain sorghum and cotton) was assisted by an improvement in water availability and timely rainfall.

PRODUCTION OF MAJOR CROPS, Australia—2002–03 to 2004–05



CROPS FOR GRAIN

Wheat

Less than ideal conditions during the growing season saw wheat production fall from the previous year's record despite an increase in area planted.

The total area sown to wheat for grain rose by 3% in 2004–05, to 13.4 million hectares. Increases were reported in the three main growing states, with New South Wales up by 7% (or 273,000 hectares), Western Australia up by 4% (or 201,000 hectares) and South Australia up by 1% (or 19,700 hectares).

Wheat production fell by 16% in 2004–05, to 21.9 million tonnes, down from the previous year's record. Decreases were reported in Western Australia (down 22% or 2.5 million tonnes), Victoria (down 39% or 1.2 million tonnes) and South Australia (down 25% or 870,000 tonnes). New South Wales reported increased wheat production (up by 3% or 249,000 tonnes).

Barley

The total area sown to barley for grain increased by 4% in 2004–05, to 4.6 million hectares. The largest increases were reported in New South Wales (up 8% or 72,100 hectares), South Australia (up 5% or 64,200 hectares) and Victoria (up 6% or 52,700 hectares).

Production of barley for grain fell by 25% in 2004–05, to 7.7 million tonnes. All states reported decreased production compared with the previous year. The largest falls were reported in Victoria (down 43% or 969,000 tonnes), South Australia (down 26% or 712,000 tonnes) and Western Australia (down 21% or 681,000 tonnes).

Oats

The total area sown to oats for grain fell by 18% in 2004–05 to 894,000 hectares, after four years of increased plantings. The three main growing states all reported decreases. Western Australia fell by 29% (or 101,000 hectares), New South Wales fell by 11% (or 49,300 hectares) and Victoria fell by 23% (or 44,400 hectares).

Production of oats for grain fell by 36% from the previous year's high, to 1.3 million tonnes in 2004–05. Decreases were reported in all the major growing states with the largest falls reported in Western Australia (down 39% or 291,000 tonnes), Victoria (down 44% or 223,000 tonnes) and New South Wales (down 30% or 181,000 tonnes).

Grain sorghum

The total area of sorghum sown for grain rose by 3% in 2004–05, to 755,000 hectares. An increase of 5% (or 24,200 hectares) in Queensland, the main growing state, was offset by small decreases in the other states.

Grain sorghum production was little changed from the previous year. A 19% increase in production in New South Wales (up by 138,000 tonnes) was offset by a 10% decrease in production in Queensland (down by 133,000 tonnes) and smaller decreases in the other states.

Lupins for grain

The total area planted to lupins for grain fell by 1% to 845,000 hectares. Increased plantings in Western Australia and Victoria were offset by decreases in South Australia and New South Wales. This was the seventh annual decrease in lupin plantings and reflects a longer term trend towards oats and barley. Decreased yields from the previous year saw total production decrease by 21% to 937,000 tonnes. Western Australia was the main producing state, although production was down by 18% to 792,000 tonnes.

OTHER CROPS

Canola

Canola plantings increased by 14% to 1.4 million hectares, with increases in all states except South Australia. Less than ideal conditions, however, saw production fall in most states with the total harvest down by 9% to 1.5 million tonnes.

Cotton lint

Increased availability of water for irrigation saw plantings of cotton increase by 34% to 304,000 hectares. Total cotton lint production was up by 78% to 563,000 tonnes.

Rice

The area planted to rice remained at low levels, with the area planted in 2004–05 falling by 23% to 51,200 hectares. Cold conditions at a critical stage of plant development reduced yields and saw estimated total production fall by 39% to 339,000 tonnes.

FRUIT

Grapes

Grape production in 2004–05 equalled the previous year's record of 2.0 million tonnes. The total area of vines increased slightly to 167,000 hectares. Although the bearing area for grapes rose slightly to 153,000 hectares, the area not yet bearing fell marginally to 13,500 hectares.

Oranges

Orange production increased by 26% to 498,000 tonnes after a significant decline in the previous year. Increases were reported in the three main growing states of New South Wales (up 22% to 221,000 tonnes), South Australia (up 27% to 154,000 tonnes) and Victoria (up 53% to 106,000 tonnes). The number of bearing orange trees reported increased by 9% to 7.4 million trees, with increases in the three main growing states.

Bananas

Banana production increased by 3% to 266,000 tonnes, with increased production in Queensland partly offset by a fall in New South Wales. The total bearing area of bananas fell by 5% to 10,400 hectares.

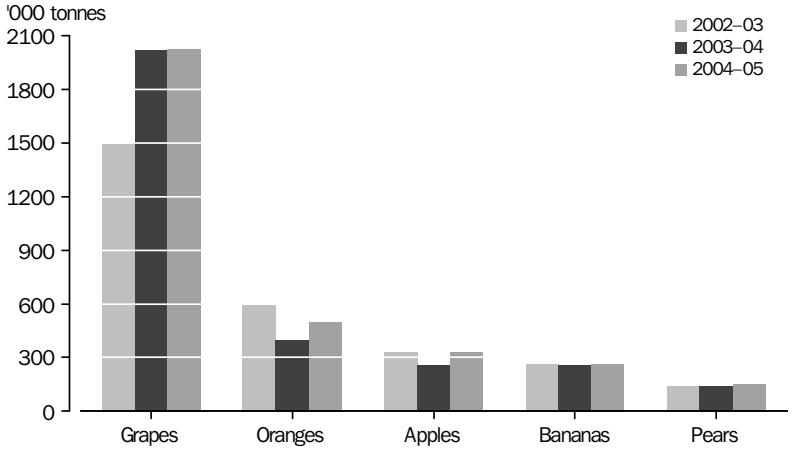
Apples

The production of apples increased by 26% to 327,000 tonnes in 2004–05. Increases were reported in all states except Western Australia with many producers reporting generally better conditions, compared to the previous 'difficult' season. The number of bearing apple trees increased by 2% to 9.2 million. Increases in bearing tree numbers were reported in all states with the exception of Western Australia and New South Wales.

Pears

Pear production increased by 7% to 148,000 tonnes in 2004–05 with increases reported in all states except New South Wales and Western Australia. The number of bearing pear trees increased by 4% from the previous year to 1.4 million. This was mainly due to an increase in tree numbers of 4% in Victoria, which is by far the largest pear growing state with 1.2 million bearing trees (or 80% of the national total).

PRODUCTION OF MAJOR FRUIT CROPS, Australia—2002–03 to 2004–05



VEGETABLES

Potatoes

Production of potatoes in 2004–05 fell by 2% to 1.3 million tonnes. This was due mainly to a 20% decrease in production in Victoria (down to 271,000 tonnes) since all other states, except Tasmania, reported increases. The area planted to potatoes increased by 4% to 37,400 hectares with increases in all states, except Victoria and Tasmania.

Tomatoes

Production of tomatoes fell by 14% to 408,000 tonnes. This was largely due to falls in Queensland (down 31% to 85,800 tonnes) and Victoria (down 12% to 237,000 tonnes), but was partly offset by an increase in New South Wales (up 13% to 76,100 tonnes). The area planted to tomatoes was down by 8% to 7,800 hectares, with the main fall in Queensland, which was down by 23% to 2,670 hectares.

Carrots

Production of carrots increased by 4% to 316,000 tonnes, with increases in all states except South Australia and Western Australia. The area planted to carrots fell by 9% to 6,530 hectares, with falls reported in all states except New South Wales and Victoria.

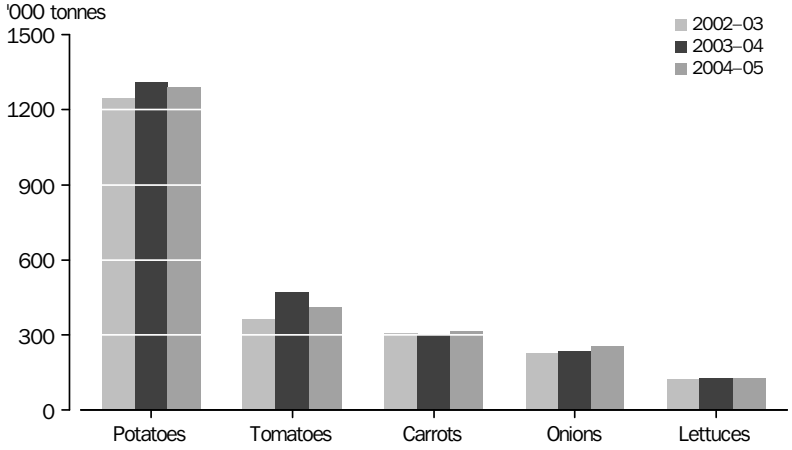
Onions

Production of onions rose by 10% to 256,000 tonnes. Increases in production in South Australia and Tasmania were partly offset by falls in New South Wales and Victoria. The area planted to onions rose by 7% to 5,970 hectares, with increases reported in all states except New South Wales and Victoria.

Lettuces

Production of lettuces rose by 4% to 132,000 tonnes. Increases in Victoria and Queensland were partly offset by falls in all other states. The area planted to lettuces was down by 7% to 5,720 hectares. Falls were reported in all major growing states.

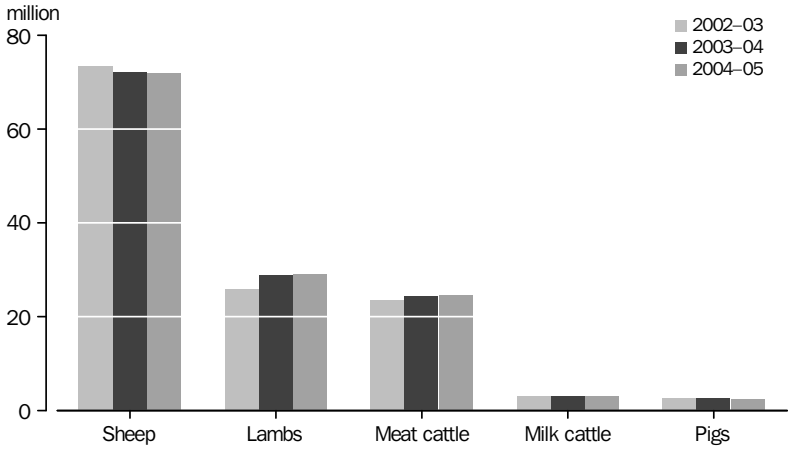
PRODUCTION OF MAJOR VEGETABLE CROPS, Australia—2002–03 to 2004–05



OVERVIEW

Livestock numbers were mostly stable in 2004–05 following some increases post-drought the previous year. Sheep and lamb, milk cattle and pig numbers were little changed from the previous year. Meat cattle and chicken layer numbers increased while meat chicken numbers decreased.

NUMBERS OF LIVESTOCK, Australia—2002–03 to 2004–05



MILK CATTLE

The number of milk cattle remained steady at 3.1 million head at 30 June 2005. A small increase in milking cow numbers was offset by a decrease in other milk cattle numbers. Some industry re-structuring still seems to be occurring with the Victorian herd increasing its dominance of the industry. Some of the smaller herds further declined.

MEAT CATTLE

Meat cattle numbers increased slightly to 24.7 million, indicating the return of overall growth seen in the herd size prior to the worst drought affected years around 2002–03. Increases were seen in all states, except New South Wales which has declined steadily over recent years. Queensland's herd was up by 1% to 11.4 million, making it by far the largest state herd in Australia, and Victoria's herd was up by 6% to 2.5 million. New South Wales' herd was down by 1% to 5.3 million, the smallest herd size recorded in that state for 12 years.

SHEEP AND LAMBS

Sheep and lamb numbers were unchanged at 101 million, with a small increase in the number of lambs reported offset by a decrease in reported sheep numbers. Early-season estimates of a small increase in total sheep and lamb numbers did not eventuate, as reports of difficult conditions in some areas of New South Wales saw final numbers drop in that state. Additional falls in sheep and lamb numbers in South Australia and Tasmania offset increases in Victoria, Western Australia and Queensland.

Lamb markings rose by 3% to 37.2 million, with increases reported in all states except New South Wales, which was down slightly. The number of ewes mated was up by 5%, with increases reported in all states. The lambing percentage was down slightly to 81% (from 83% in 2003–04) with falls in New South Wales (down from 83% to 76%) and South Australia (down from 87% to 84%) partly offset by increases in the other states.

PIGS

The number of pigs in Australia remained steady at 2.5 million at 30 June 2005. Increases in pig numbers in New South Wales were offset by falls in all other states. New South Wales reported the biggest state herd with 732,000 pigs, followed by Queensland with a herd of 666,000 pigs.

CHICKENS

Reported numbers of chickens for meat production fell by 4% to 62.7 million birds, with the largest falls reported in the main growing states of New South Wales and Victoria. The number of chickens reported for egg production increased by 4% to 13.2 million birds, with increases in New South Wales, Victoria and Queensland partly offset by falls in the other states. Egg production increased by 5% to 203 million dozen.

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1 ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, By state—At 30 June 2005

ANZSIC code	*Description*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*	*Aust.*
0111	Plant nurseries	674	337	535	117	^ 162	^ 38	18	5	1 884
0112	Cut flower and flower seed growing	^ 210	^ 184	156	^ 58	^ 134	^ 31	5	—	778
0113	Vegetable growing	730	793	1 282	359	395	521	9	—	4 090
0114	Grape growing	1 199	2 027	^ 141	2 300	^ 611	^ 100	4	2	6 385
0115	Apple and pear growing	^ 152	^ 322	^ 29	*116	^ 176	^ 116	—	1	912
0116	Stone fruit growing	^ 401	^ 291	*112	^ 209	^ 165	^ 47	—	—	1 224
0117	Kiwi fruit growing	*32	**11	**2	—	*4	—	—	—	*50
0119	Fruit growing n.e.c.	1 593	^ 520	1 793	456	264	^ 26	112	1	4 763
0121	Grain growing	3 164	2 690	1 417	3 143	2 289	^ 13	2	—	12 719
0122	Grain-sheep/beef cattle farming	7 078	3 169	1 259	2 561	3 075	*53	—	1	17 195
0123	Sheep-beef cattle farming	3 585	2 255	^ 739	926	^ 458	322	—	23	8 309
0124	Sheep farming	5 446	3 790	^ 351	1 448	1 289	605	—	26	12 956
0125	Beef cattle farming	11 228	7 924	12 136	1 339	1 991	1 136	203	22	35 979
0130	Dairy cattle farming	1 468	6 199	956	409	296	553	—	—	9 881
0141	Poultry farming (meat)	262	173	114	48	58	^ 11	1	—	666
0142	Poultry farming (eggs)	^ 139	*117	^ 55	^ 38	^ 51	^ 19	3	1	^ 423
0151	Pig farming	217	^ 172	273	^ 138	^ 59	^ 21	2	—	882
0152	Horse farming	^ 627	^ 366	^ 583	^ 77	^ 97	*66	1	3	1 819
0153	Deer farming	**24	*35	**17	**15	**2	*9	—	—	^ 101
0159	Livestock farming n.e.c.	*295	**112	*90	*29	*58	*8	2	—	^ 593
0161	Sugar cane growing	^ 504	—	4 054	—	5	—	—	—	4 563
0162	Cotton growing	^ 260	—	360	—	—	—	—	—	620
0169	Crop and plant growing n.e.c.	^ 299	^ 561	^ 502	^ 148	*106	^ 96	9	—	1 721
01	*Agriculture*	*39 586*	*32 049*	*26 955*	*13 933*	*11 745*	*3 791*	*371*	*85*	*128 515*
99	*All other industries*	*^ 491*	*^ 307*	*^ 177*	*^ 178*	*^ 170*	**86*	*9*	*1*	*1 418*
#	**Total all industries**	**40 076**	**32 357**	**27 132**	**14 111**	**11 915**	**3 877**	**380**	**86**	**129 934**

^ 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 used with caution

** 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)

ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, By EVAO—At 30 June 2005

ANZSIC code	Description	ESTIMATED VALUE OF AGRICULTURAL OPERATIONS ($'000) Less than 22.5(a)	22.5 –49.9	50.0 –99.9	100.0 –149.9	150.0 –199.9	200.0 –349.9	350.0 –499.9
0111	Plant nurseries	^ 200	^ 187	^ 368	^ 269	^ 136	319	^ 110
0112	Cut flower and flower seed growing	^ 103	^ 139	^ 213	^ 97	^ 62	^ 69	^ 23
0113	Vegetable growing	^ 422	^ 390	^ 460	313	^ 260	611	^ 402
0114	Grape growing	^ 684	^ 1 053	^ 1 260	^ 956	^ 615	^ 853	^ 323
0115	Apple and pear growing	*21	*84	*108	*79	*52	^ 131	*107
0116	Stone fruit growing	^ 208	^ 204	^ 212	^ 159	*118	^ 128	*59
0117	Kiwi fruit growing	**16	**9	**20	**2	—	—	1
0119	Fruit growing n.e.c.	^ 889	783	817	486	^ 331	570	237
0121	Grain growing	^ 400	835	1 141	1 099	1 004	2 360	1 640
0122	Grain-sheep/beef cattle farming	^ 295	^ 1 149	2 220	2 138	1 878	4 114	2 276
0123	Sheep-beef cattle farming	^ 760	^ 969	1 791	^ 1 154	^ 970	1 373	^ 637
0124	Sheep farming	2 298	2 422	2 531	1 345	^ 1 139	1 796	^ 615
0125	Beef cattle farming	11 697	8 140	6 511	2 879	1 414	2 480	^ 890
0130	Dairy cattle farming	*173	*212	^ 656	^ 983	^ 982	3 368	1 640
0141	Poultry farming (meat)	*12	*17	^ 24	*28	^ 19	^ 84	^ 90
0142	Poultry farming (eggs)	*88	^ 33	*25	*31	*11	^ 49	^ 26
0151	Pig farming	*49	*55	^ 111	^ 75	*49	^ 131	^ 90
0152	Horse farming	^ 654	^ 459	^ 347	^ 140	**95	*94	*18
0153	Deer farming	*59	*21	*15	*1	—	—	**3
0159	Livestock farming n.e.c.	^ 464	*23	*61	**5	*23	**11	**2
0161	Sugar cane growing	*156	^ 258	^ 740	^ 840	^ 608	1 006	^ 454
0162	Cotton growing	—	**4	—	**4	**13	*80	*55
0169	Crop and plant growing n.e.c.	^ 393	^ 199	^ 342	^ 156	^ 86	^ 210	^ 116
01	*Agriculture*	*20 042*	*17 646*	*19 972*	*13 242*	*9 865*	*19 836*	*9 814*
99	*All other industries*	*^ 290*	*^ 282*	*^ 250*	**196*	**40*	*^ 175*	**53*
#	**Total all industries**	**20 332**	**17 928**	**20 221**	**13 438**	**9 904**	**20 011**	**9 867**

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

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** 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)

(a) Establishments on the population frame with EVAO of less than $5,000 are not in scope of the survey, however some respondents to the survey may report activity below this level.

ESTIMATED VALUE OF AGRICULTURAL OPERATIONS ($'000)

ANZSIC code	*Description*	*500.0 –999.9*	*1 000.0 –1 999.9*	*2 000.0 or more*	*Total establishments*
0111	Plant nurseries	157	^ 95	^ 42	1 884
0112	Cut flower and flower seed growing	*44	18	^ 12	778
0113	Vegetable growing	616	351	264	4 090
0114	Grape growing	^ 371	^ 170	^ 99	6 385
0115	Apple and pear growing	^ 194	^ 93	^ 43	912
0116	Stone fruit growing	^ 81	*30	*27	1 224
0117	Kiwi fruit growing	1	—	—	*50
0119	Fruit growing n.e.c.	302	^ 198	151	4 763
0121	Grain growing	2 662	1 280	297	12 719
0122	Grain-sheep/beef cattle farming	2 276	709	^ 141	17 195
0123	Sheep-beef cattle farming	^ 526	^ 114	15	8 309
0124	Sheep farming	634	^ 159	*17	12 956
0125	Beef cattle farming	1 156	459	^ 353	35 979
0130	Dairy cattle farming	1 501	^ 326	*41	9 881
0141	Poultry farming (meat)	199	146	47	666
0142	Poultry farming (eggs)	^ 77	^ 49	33	^ 423
0151	Pig farming	^ 137	^ 111	73	882
0152	Horse farming	**6	4	2	1 819
0153	Deer farming	1	—	—	^ 101
0159	Livestock farming n.e.c.	*4	—	—	^ 593
0161	Sugar cane growing	^ 388	*91	*22	4 563
0162	Cotton growing	^ 193	^ 159	^ 113	620
0169	Crop and plant growing n.e.c.	^ 136	*68	*15	1 721
01	*Agriculture*	*11 663*	*4 630*	*1 807*	*128 515*
99	*All other industries*	*79	*29	*26	*1 418*
#	**Total all industries**	**11 742**	**4 659**	**1 833**	**129 934**

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— nil or rounded to zero (including null cells)

ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY, By area—At 30 June 2005

ANZSIC code	Description	AREA OF HOLDING (ha) 0 –49	50 –99	100 –499	500 –999	1 000 –2 499	2 500 –24 999	25 000 –99 999
0111	Plant nurseries	1 640	^ 122	^ 115	3	^ 5	—	—
0112	Cut flower and flower seed growing	632	^ 64	^ 50	**10	**20	3	—
0113	Vegetable growing	2 044	731	1 009	^ 171	88	^ 44	2
0114	Grape growing	4 749	^ 722	^ 736	^ 78	*70	*28	2
0115	Apple and pear growing	^ 501	^ 165	^ 222	**21	2	—	—
0116	Stone fruit growing	917	^ 161	^ 116	**15	**16	—	—
0117	Kiwi fruit growing	*41	—	**10	—	—	—	—
0119	Fruit growing n.e.c.	3 363	606	627	^ 83	^ 61	21	*2
0121	Grain growing	^ 516	^ 317	2 738	2 477	3 609	3 031	^ 29
0122	Grain-sheep/beef cattle farming	^ 309	*212	3 860	4 261	5 302	3 173	^ 70
0123	Sheep-beef cattle farming	^ 277	^ 560	2 706	1 647	1 737	1 088	^ 251
0124	Sheep farming	^ 1 078	^ 584	5 323	2 329	1 878	1 257	^ 357
0125	Beef cattle farming	4 856	5 620	13 270	4 052	3 520	3 416	674
0130	Dairy cattle farming	^ 649	^ 1 555	6 690	^ 770	^ 193	^ 22	1
0141	Poultry farming (meat)	527	^ 52	^ 77	^ 5	5	—	—
0142	Poultry farming (eggs)	^ 317	^ 37	^ 46	^ 8	**10	5	—
0151	Pig farming	^ 250	^ 152	270	^ 104	^ 82	^ 24	1
0152	Horse farming	^ 589	^ 529	^ 544	*127	17	*13	—
0153	Deer farming	*76	*13	**5	**3	*3	1	—
0159	Livestock farming n.e.c.	*264	**85	*159	**10	**18	*23	*31
0161	Sugar cane growing	^ 788	1 357	2 190	^ 139	*55	*33	—
0162	Cotton growing	**7	—	^ 156	^ 114	^ 172	^ 154	*18
0169	Crop and plant growing n.e.c.	^ 374	^ 366	^ 665	^ 183	^ 98	^ 30	**6
01	*Agriculture*	*24 761*	*14 010*	*41 583*	*16 609*	*16 961*	*12 365*	*1 443*
99	*All other industries*	^ *629*	**215*	^ *295*	**137*	**68*	**69*	*4*
#	**Total all industries**	**25 390**	**14 226**	**41 878**	**16 746**	**17 030**	**12 435**	**1 447**

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AREA OF HOLDING (ha) *continued*

ANZSIC code	Description	100 000 –199 999	200 000 –499 999	500 000 or more	Total establishments
0111	Plant nurseries	—	—	—	1 884
0112	Cut flower and flower seed growing	—	—	—	778
0113	Vegetable growing	1	—	—	4 090
0114	Grape growing	—	—	—	6 385
0115	Apple and pear growing	—	—	—	912
0116	Stone fruit growing	—	—	—	1 224
0117	Kiwi fruit growing	—	—	—	*50
0119	Fruit growing n.e.c.	—	1	—	4 763
0121	Grain growing	1	—	—	12 719
0122	Grain-sheep/beef cattle farming	**6	**2	—	17 195
0123	Sheep-beef cattle farming	*17	*24	2	8 309
0124	Sheep farming	^92	^52	6	12 956
0125	Beef cattle farming	^199	281	93	35 979
0130	Dairy cattle farming	1	—	—	9 881
0141	Poultry farming (meat)	—	—	—	666
0142	Poultry farming (eggs)	—	—	—	^423
0151	Pig farming	—	—	—	882
0152	Horse farming	1	—	—	1 819
0153	Deer farming	—	—	—	^101
0159	Livestock farming n.e.c.	1	2	—	^593
0161	Sugar cane growing	—	—	—	4 563
0162	Cotton growing	—	—	—	620
0169	Crop and plant growing n.e.c.	—	—	—	1 721
01	*Agriculture*	^*319*	*362*	*101*	*128 515*
99	*All other industries*	—	*1*	—	*1 418*
#	**Total all industries**	**^319**	**363**	**101**	**129 934**

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4 PRINCIPAL CROPS, Production—Year ended 30 June

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Cereal for grain											
Barley											
Production ('000 t)	3 865	10 382	7 740	1 761	1 305	178	1 979	2 489	28	na	—
Area ('000 ha)	3 864	4 477	4 646	1 023	924	97	1 280	1 313	8	na	—
Yield (t/ha)	1.0	2.3	1.7	1.7	1.4	1.8	1.6	1.9	3.7	. .	—
Grain sorghum											
Production ('000 t)	1 465	2 009	2 011	847	—	1 164	na	—	na	—	—
Area ('000 ha)	667	734	755	211	**—	544	na	—	na	—	—
Yield (t/ha)	2.2	2.7	2.7	4.0	—	2.1	. .	—	. .	2.1	—
Maize											
Production ('000 t)	310	^ 395	420	^ 242	^ 2	173	—	1	na	—	—
Area ('000 ha)	50	70	72	^ 25	*1	46	—	—	na	—	—
Yield (t/ha)	6.3	5.6	5.8	9.5	^ 2.2	3.8	6.8	6.9	. .	—	—
Oats											
Production ('000 t)	957	2 018	1 283	429	284	*10	90	460	^ 9	na	—
Area ('000 ha)	911	1 089	894	400	150	*21	76	243	^ 4	na	—
Yield (t/ha)	1.1	1.9	1.4	1.1	1.9	0.5	1.2	1.9	2.3	. .	1.0
Rice											
Production ('000 t)	438	553	339	335	4	na	na	—	na	—	—
Area ('000 ha)	46	66	51	51	1	na	na	—	na	—	—
Yield (t/ha)	9.6	8.3	6.6	6.6	7.0	. .	. .	—	. .	—	—
Triticale											
Production ('000 t)	327	826	610	284	^ 200	**—	73	^ 47	6	na	—
Area ('000 ha)	408	445	389	126	125	**—	93	^ 42	2	na	—
Yield (t/ha)	0.8	1.9	1.6	2.2	1.6	*1.2	0.8	1.1	3.4	. .	—
Wheat											
Production ('000 t)	10 132	26 132	21 905	7 537	1 927	1 170	2 621	8 619	30	na	—
Area ('000 ha)	11 170	13 067	13 399	4 256	1 327	711	1 979	5 118	7	na	—
Yield (t/ha)	0.9	2.0	1.6	1.8	1.5	1.7	1.3	1.7	4.1	. .	—
Legumes											
Field peas for grain											
Production ('000 t)	178	487	289	^ 15	50	**—	150	^ 72	^ 2	na	—
Area ('000 ha)	380	354	413	^ 28	142	**—	143	^ 99	^ 1	na	—
Yield (t/ha)	0.5	1.4	0.7	^ 0.5	0.4	*0.4	1.1	0.7	3.7	. .	—
Lupins for grain											
Production ('000 t)	726	1 180	937	^ 55	^ 20	**—	^ 68	792	^ 1	na	—
Area ('000 ha)	1 025	851	845	^ 63	35	**—	69	677	^ —	na	—
Yield (t/ha)	0.7	1.4	1.1	0.9	0.6	*1.7	1.0	1.2	2.8	. .	—
Crops cut for hay											
Cereal crops for hay											
Production ('000 t)	1 581	2 964	2 002	528	339	^ 165	390	571	^ 8	—	—
Area ('000 ha)	505	603	579	174	92	^ 56	113	144	^ 2	—	—
Yield (t/ha)	3.1	4.9	3.5	3.0	3.7	3.0	3.5	4.0	4.4	3.0	0.9
Non-cereal crops for hay											
Production ('000 t)	^ 166	122	131	^ 19	^ 45	^ 29	*10	**5	*1	22	—
Area ('000 ha)	^ 54	^ 37	39	^ 7	^ 14	^ 10	^ 3	*1	*—	3	—
Yield (t/ha)	3.1	3.3	3.4	^ 2.6	^ 3.1	^ 2.9	^ 3.3	**4.3	^ 4.2	8.0	—
Oilseeds											
Canola											
Production ('000 t)	871	1 703	1 542	468	342	*—	242	488	^ 1	na	—
Area ('000 ha)	1 298	1 211	1 377	434	284	*—	230	428	^ 1	na	—
Yield (t/ha)	0.7	1.4	1.1	1.1	1.2	^ 0.9	1.1	1.1	1.9	. .	—

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PRINCIPAL CROPS, Production—Year ended 30 June *continued*

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Oilseeds *cont.*											
Total oilseeds											
Production ('000 t)	907	1 827	1 658	554	345	^ 23	246	488	^ 1	—	—
Area ('000 ha)	1 355	1 321	1 464	486	287	26	236	428	^ 1	—	—
Yield (t/ha)	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Other crops											
Cotton lint											
Production ('000 t)	^ 364	317	563	^ 314	na	^ 249	na	—	na	na	na
Area ('000 ha)	245	227	304	160	na	^ 144	na	—	na	na	na
Yield (t/ha)	1.5	1.4	1.9	2.0	. .	^ 1.7	. .	—	. .	. .	. .
Peanuts (in shell)											
Production ('000 t)	^ 28	^ 44	^ 32	**1	na	^ 31	na	na	na	1	na
Area ('000 ha)	^ 10	^ 14	^ 14	**—	na	^ 14	na	na	na	—	na
Yield (t/ha)	2.7	3.2	^ 2.3	^ 5.7	. .	^ 2.3	. .	. .	. .	4.7	. .
Sugar cane cut for crushing											
Production ('000 t)	36 995	36 993	37 822	2 133	na	35 290	na	399	na	na	na
Area ('000 ha)	448	448	434	20	na	411	na	3	na	na	na
Yield (t/ha)	82.5	82.6	87.2	107.5	. .	85.9	. .	118.7	. .	. .	. .
Tobacco											
Production ('000 t)	6	^ 4	^ 4	na	^ 3	**—	na	na	na	na	na
Area ('000 ha)	2	^ 2	^ 1	na	^ 1	**—	na	na	na	na	na
Yield (t/ha)	2.8	2.5	2.5	. .	2.6	**2.2	. .	. .	. .	. .	. .
Pastures and grasses cut for hay											
Lucerne											
Production ('000 t)	957	1 204	1 220	^ 515	329	^ 152	^ 113	*62	^ 30	18	—
Area ('000 ha)	169	229	246	^ 105	75	^ 21	25	*13	^ 7	1	—
Yield (t/ha)	5.7	5.3	5.0	4.9	4.4	7.4	4.5	4.7	4.4	34.0	2.7
Other											
Production ('000 t)	2 209	3 373	2 968	395	1 615	^ 194	267	290	192	15	—
Area ('000 ha)	572	819	775	118	424	^ 26	76	^ 79	46	6	—
Yield (t/ha)	3.9	4.1	3.8	3.3	3.8	^ 7.5	3.5	3.7	4.2	2.6	2.3
Total cut for hay											
Production ('000 t)	3 166	4 577	4 188	910	1 944	^ 346	380	351	222	33	1
Area ('000 ha)	740	1 048	1 021	223	499	^ 47	102	92	52	6	—
Yield (t/ha)	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
Pasture seed											
Production ('000 t)	^ 23	^ 35	^ 47	*10	*19	^ 1	^ 10	^ 3	3	—	—
Area ('000 ha)	91	^ 144	^ 161	*46	*48	^ 10	^ 38	^ 14	5	—	—
Yield (t/ha)	^ 0.3	0.2	^ 0.3	*0.2	^ 0.4	^ 0.2	0.3	^ 0.2	0.6	0.4	—

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5 FRUIT AND NUTS, Production(a)—Year ended 30 June

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Citrus											
Lemons and limes											
Production (t)	34 472	28 035	28 934	^ 4 723	^ 3 638	^ 10 824	8 641	*1 080	na	30	—
Trees ('000)	^ 446	438	409	^ 148	^ 50	^ 111	79	*15	na	5	—
Yield (kg/tree)	77.3	63.9	70.7	^ 31.9	73.1	97.2	109.5	^ 70.6	. .	5.5	—
Mandarins											
Production (t)	98 343	100 959	87 898	*3 775	^ 6 796	62 224	14 067	*1 036	na	—	—
Trees ('000)	1 573	1 582	1 452	*114	^ 105	973	229	*32	na	—	—
Yield (kg/tree)	62.5	63.8	60.5	*33.1	64.6	64.0	61.6	^ 32.7	. .	0.3	—
Oranges											
Production (t)	599 484	395 164	498 112	221 453	^ 106 285	^ 12 238	^ 154 225	^ 3 910	na	—	—
Trees ('000)	7 129	6 814	7 434	3 720	^ 1 467	^ 142	^ 1 992	^ 114	na	—	—
Yield (kg/tree)	84.1	58.0	67.0	59.5	72.5	86.4	77.4	34.3	. .	—	—
Pome											
Apples											
Production (t)	326 072	r260 025	326 584	64 123	122 346	29 552	29 144	35 871	45 512	na	35
Trees ('000)	8 391	r8 982	9 163	1 809	3 073	925	1 213	874	1 267	na	2
Yield (kg/tree)	38.9	r28.9	35.6	35.5	39.8	32.0	24.0	41.1	35.9	. .	15.0
Pears (excl. Nashi)											
Production (t)	135 919	138 548	147 688	651	130 446	753	6 155	8 893	787	na	1
Trees ('000)	1 306	1 386	1 439	23	1 157	17	76	145	21	na	—
Yield (kg/tree)	104.1	100.0	102.6	28.7	112.7	44.8	80.8	61.1	37.8	. .	31.4
Stone											
Apricots											
Production (t)	^ 19 742	^ 10 658	*19 698	^ 439	*11 605	*249	^ 6 391	^ 294	^ 721	na	—
Trees ('000)	^ 440	^ 478	*601	^ 29	*290	*18	^ 177	^ 13	^ 74	na	—
Yield (kg/tree)	44.9	^ 22.3	32.8	^ 15.2	^ 40.0	*13.5	36.1	*23.0	^ 9.7	. .	—
Cherries											
Production (t)	^ 9 460	^ 8 174	^ 8 197	^ 2 973	*2 822	*19	^ 954	*185	*1 244	na	—
Trees ('000)	^ 1 075	1 071	1 053	^ 437	^ 212	**7	^ 167	*22	*207	na	—
Yield (kg/tree)	^ 8.8	7.6	7.8	6.8	^ 13.3	**2.6	5.7	*8.5	*6.0	. .	—
Nectarines											
Production (t)	29 754	25 006	^ 39 911	*10 377	^ 20 075	*4 083	^ 1 764	^ 3 520	91	na	—
Trees ('000)	1 113	1 282	^ 1 474	^ 337	^ 630	*218	^ 88	^ 190	11	na	—
Yield (kg/tree)	^ 26.7	^ 19.5	^ 27.1	^ 30.8	^ 31.9	^ 18.8	^ 20.1	^ 18.5	^ 8.2	^ . .	^ —
Peaches											
Production (t)	^ 97 229	^ 74 483	^ 90 261	*13 427	^ 68 572	^ 2 899	^ 2 808	^ 2 480	75	na	—
Trees ('000)	^ 2 150	1 877	^ 2 031	^ 473	*1 232	^ 154	^ 66	^ 99	6	na	—
Yield (kg/tree)	^ 45.2	^ 39.7	^ 44.4	^ 28.4	*55.7	^ 18.8	42.3	^ 25.0	12.0	. .	—
Plums and prunes											
Production (t)	^ 33 183	24 437	^ 32 762	*10 921	*12 069	*2 168	^ 1 487	^ 6 065	**53	—	—
Trees ('000)	1 470	1 450	^ 2 056	*857	*628	^ 141	^ 63	^ 361	^ 6	—	—
Yield (kg/tree)	22.6	16.9	^ 15.9	*12.8	19.2	15.3	23.5	16.8	*9.1	—	—
Other orchard fruit											
Avocados											
Production (t)	^ 40 531	^ 41 897	32 634	*6 397	*2 353	19 687	*1 890	^ 2 307	na	—	—
Trees ('000)	681	^ 692	^ 758	^ 176	**109	362	^ 47	^ 64	na	—	—
Yield (kg/tree)	^ 59.5	^ 60.5	43.0	^ 36.3	*21.6	54.4	^ 40.0	^ 36.1	. .	—	—
Mangoes											
Production (t)	38 970	37 169	46 517	^ 312	na	34 439	na	^ 2 950	na	8 816	—
Trees ('000)	1 044	1 257	1 200	^ 18	na	852	na	**148	na	182	—
Yield (kg/tree)	37.3	29.6	38.8	^ 17.4	. .	40.4	. .	**19.9	. .	48.4	—

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r revised

(a) Number of trees refers to trees of bearing age (i.e. for apples it is trees four years and over, for other fruit it is trees six years and over). Information on the total number of trees is available on request. Yield is based on the number of bearing trees or the bearing area.

FRUIT AND NUTS, Production(a)—Year ended 30 June *continued*

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Nuts											
Almond (kernel)											
Production (t)	9 554	9 430	11 755	*177	4 624	—	^6 954	na	na	na	—
Trees ('000)	905	868	1 019	**15	402	—	^602	na	na	na	—
Yield (kg/tree)	10.6	10.9	11.5	**11.7	11.5	—	11.6	. .	. .	. .	—
Macadamia											
Production (t)	24 347	29 173	31 791	^23 347	na	^8 444	na	na	na	na	—
Trees ('000)	2 808	3 095	2 872	^2 016	na	^856	na	na	na	na	—
Yield (kg/tree)	8.7	9.4	11.1	11.6	. .	9.9	. .	. .	. .	. .	—
Berry fruit											
Blueberries											
Production (t)	1 605	1 583	1 764	1 632	**120	na	na	na	**12	na	—
Area (ha)	^400	^377	^507	^430	*75	na	na	na	**2	na	—
Yield (t/ha)	4.0	4.2	^3.5	^3.8	*1.6	. .	. .	. .	**5.7	. .	—
Strawberries											
Production (t)	^22 834	20 219	^23 737	**222	^8 069	*10 146	1 557	^3 461	282	—	—
Area (ha)	^1 479	999	865	**12	^321	^330	63	^114	*26	—	—
Yield (t/ha)	15.4	20.2	^27.5	*19.3	^25.1	^30.8	24.7	30.5	**11.0	—	—
Tropical											
Bananas											
Production (t)	264 772	257 237	265 570	^18 009	na	237 516	na	*8 112	na	1 933	—
Area (ha)	10 659	10 861	10 361	^1 494	na	8 528	na	*284	na	55	—
Yield (t/ha)	24.8	23.7	25.6	^12.1	. .	27.9	. .	28.6	. .	35.2	—
Pawpaws											
Production (t)	*8 976	*5 027	*5 648	**6	na	*5 017	na	*614	na	12	—
Area (ha)	*623	^403	^446	**5	na	^416	na	*24	na	1	—
Yield (t/ha)	14.4	^12.5	*12.6	**1.3	. .	*11.7	. .	^25.7	. .	16.4	—
Pineapples											
Production (t)	104 743	110 417	104 022	—	na	103 997	na	na	na	25	—
Area (ha)	2 616	2 664	^2 742	—	na	^2 741	na	na	na	1	—
Yield (t/ha)	40.0	41.5	37.9	—	. .	37.9	. .	. .	. .	19.2	—

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6 VEGETABLES, Production—Year ended 30 June

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Asparagus											
Production (t)	12 223	^ 10 366	^ 11 293	*269	^ 10 678	*285	—	*25	**35	—	—
Area (ha)	2 286	2 245	2 304	*117	^ 1 860	^ 250	—	*65	**12	—	—
Yield (t/ha)	5.4	4.6	4.9	^ 2.3	5.7	*1.1	—	**0.4	**2.9	—	—
Beans, french and runner											
Production (t)	34 626	31 119	33 673	*499	3 865	14 792	**38	*301	14 178	—	—
Area (ha)	^ 6 951	7 097	6 004	*283	806	3 011	**10	*85	1 810	—	—
Yield (t/ha)	^ 5.0	4.4	5.6	*1.8	4.8	4.9	^ 3.8	**3.6	7.8	—	1.0
Broccoli											
Production (t)	55 083	51 539	55 911	*4 910	24 197	^ 14 151	*1 349	3 269	^ 8 035	—	—
Area (ha)	7 284	6 966	^ 7 621	*1 116	2 736	*2 272	*137	425	^ 937	—	—
Yield (t/ha)	7.6	7.4	7.3	4.4	8.8	^ 6.2	^ 9.9	7.7	8.6	—	—
Capsicums, chillies and peppers											
Production (t)	^ 40 810	^ 56 319	47 426	^ 628	**1 171	^ 42 156	**508	*2 962	—	—	—
Area (ha)	^ 2 485	^ 2 838	^ 2 372	*79	*188	^ 1 973	**39	^ 94	—	—	—
Yield (t/ha)	16.4	19.8	20.0	^ 7.9	*6.2	21.4	*13.1	^ 31.5	—	—	—
Carrots											
Production (t)	305 699	302 560	316 025	*43 643	80 611	^ 29 425	^ 43 336	66 180	52 831	na	—
Area (ha)	7 367	7 195	6 533	*1 126	1 801	^ 735	^ 900	1 217	753	na	—
Yield (t/ha)	41.5	42.1	48.4	38.8	44.8	40.0	48.1	54.4	70.1	. .	—
Cauliflowers											
Production (t)	72 973	78 281	76 433	*13 012	^ 22 300	^ 14 953	*10 400	9 582	6 185	na	—
Area (ha)	3 879	3 516	3 210	*488	^ 963	^ 647	*247	525	340	na	—
Yield (t/ha)	18.8	22.3	23.8	26.7	23.2	23.1	42.1	18.2	18.2	. .	—
Green peas											
For processing											
Production (t)	27 095	29 471	26 956	—	*—	^ 466	—	—	26 490	na	—
Area (ha)	5 147	5 374	4 904	—	^ —	^ 135	—	—	4 769	na	—
Yield (t/ha)	5.3	5.5	5.5	—	^ —	3.5	—	—	5.6	. .	—
Sold in pod											
Production (t)	*742	*596	*883	**431	213	**233	—	**1	5	na	—
Area (ha)	^ 380	^ 357	*514	**248	*174	*90	—	**—	1	na	—
Yield (t/ha)	*2.0	*1.7	^ 1.7	**1.7	**1.2	**2.6	—	^ 6.0	4.4	. .	—
Lettuces											
Production (t)	121 508	127 228	132 426	^ 15 553	35 044	57 206	^ 8 808	^ 14 205	**1 611	—	—
Area (ha)	6 134	6 121	5 716	^ 773	1 977	^ 1 991	^ 369	^ 516	*89	—	—
Yield (t/ha)	19.8	20.8	23.2	20.1	17.7	28.7	^ 23.9	27.5	*18.1	—	—
Melons											
Rock and cantaloupe											
Production (t)	64 150	76 667	68 066	^ 10 695	*5 413	^ 39 407	*201	^ 10 645	—	1 705	—
Area (ha)	2 635	2 836	^ 3 327	^ 573	^ 287	^ 1 742	*17	616	—	93	—
Yield (t/ha)	24.4	27.0	20.5	^ 18.7	^ 18.9	^ 22.6	**11.5	17.3	—	18.3	—
Water											
Production (t)	^ 110 955	^ 126 877	^ 108 352	*12 834	^ 5 818	^ 72 224	**92	13 106	—	4 278	—
Area (ha)	^ 4 335	^ 3 736	4 043	^ 548	^ 137	^ 2 573	**12	551	—	223	—
Yield (t/ha)	25.6	^ 34.0	26.8	^ 23.4	42.6	28.1	**7.9	23.8	—	19.2	—
Mushrooms											
Production (t)	39 288	46 265	47 922	^ 15 229	14 515	^ 9 708	3 482	np	np	—	—
Area (ha)	128	153	156	^ 51	59	^ 20	14	np	np	—	—
Yield (t/ha)	308.1	302.3	306.6	296.3	247.4	494.6	248.2	np	np	—	—

^ 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 used with caution

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

. . not applicable

— nil or rounded to zero (including null cells)

na not available

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

VEGETABLES, Production—Year ended 30 June *continued*

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Onions, white and brown											
Production (t)	228 608	233 354	256 459	24 351	^ 13 676	^ 26 539	^ 104 043	15 373	72 476	—	—
Area (ha)	5 263	5 558	5 974	^ 652	^ 402	^ 894	^ 2 497	239	1 289	—	—
Yield (t/ha)	43.4	42.0	42.9	37.3	34.0	29.7	41.7	64.2	56.2	—	—
Potatoes											
Production (t)	1 247 268	1 310 385	1 288 269	130 509	^ 271 353	^ 119 853	364 487	81 244	320 824	—	—
Area (ha)	35 899	36 120	37 437	4 928	*8 403	^ 4 783	10 686	1 920	6 717	—	—
Yield (t/ha)	34.7	36.3	34.4	26.5	^ 32.3	25.1	34.1	42.3	47.8	—	—
Pumpkins											
Production (t)	93 226	94 644	89 948	^ 18 330	5 678	^ 42 652	^ 3 883	^ 16 356	^ 2 469	578	—
Area (ha)	6 584	5 901	5 351	^ 955	^ 200	^ 3 060	^ 190	^ 774	^ 124	49	—
Yield (t/ha)	14.2	16.0	16.8	19.2	^ 28.4	13.9	20.4	21.1	20.0	11.8	—
Tomatoes											
Production (t)	364 368	474 220	407 867	76 100	236 826	^ 85 837	*461	^ 7 968	*674	—	—
Area (ha)	7 309	8 460	7 806	1 390	3 454	^ 2 671	*96	^ 169	*25	—	—
Yield (t/ha)	49.9	56.1	52.3	54.7	68.6	32.1	^ 4.8	^ 47.3	*26.5	—	—

^ 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 used with caution

— nil or rounded to zero (including null cells)

7 GRAPES, Production(a)—Year ended 30 June

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
AREA OF VINES AT HARVEST (ha)											
Bearing area	142 793	150 561	153 203	35 777	35 049	2 307	66 979	11 747	981	267	96
Not yet bearing: planted or grafted prior to collection year	8 412	7 800	7 369	2 118	2 219	157	2 254	477	94	51	—
Not yet bearing: planted or grafted during collection year	6 288	5 819	6 093	1 383	1 496	92	2 180	747	194	—	1
Total area of vines	**157 492**	**164 181**	**166 665**	**39 278**	**38 764**	**2 556**	**71 413**	**12 971**	**1 269**	**318**	**97**
GRAPE PRODUCTION (fresh weight) (t)											
Winemaking	1 329 595	1 816 556	1 818 426	475 974	392 963	6 689	856 038	79 948	6 136	10	667
Drying	92 264	129 489	135 412	21 332	109 544	136	3 343	1 057	—	—	—
Table and other	75 080	68 920	72 662	10 980	48 707	5 325	2 137	4 046	—	1 468	—
Total production	**1 496 939**	**2 014 965**	**2 026 500**	**508 286**	**551 214**	**12 149**	**861 518**	**85 052**	**6 136**	**1 478**	**667**
Yield (t/ha)(b)	10.5	13.4	13.2	14.2	15.7	5.3	12.9	7.2	6.3	5.5	7.0

— nil or rounded to zero (including null cells)

(a) Varietal information is available in *Australian Wine and Grape Industry* (cat. no. 1329.0)

(b) Yield represents the quantity of grapes produced per hectare of bearing vines.

8 LIVESTOCK SLAUGHTERINGS AND PRODUCTS—Year ended 30 June

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Livestock slaughterings(a)(b)											
Cattle ('000)	8 083	7 753	7 986	1 700	1 516	3 690	359	511	204	—	—
Calves ('000)	1 146	1 026	868	201	539	73	5	4	44	—	—
Sheep ('000)	r11 886	10 421	11 443	3 548	3 465	919	979	2 205	326	—	—
Lambs ('000)	16 870	16 562	17 331	4 110	6 787	287	3 236	2 467	443	—	—
Pigs ('000)	5 742	5 591	5 342	1 615	847	1 285	895	647	46	—	—
Chickens ('000)(c)(d)	419 181	423 742	444 742	147 973	124 726	84 086	np	np	np	np	np
Livestock products											
Meat(a)(e)											
Beef ('000 t)	2 035	1 998	2 133	441	363	1 046	93	131	57	—	—
Veal ('000 t)	38	35	29	13	11	3	—	—	1	—	—
Mutton ('000 t)	268	220	237	78	68	19	23	44	6	—	—
Lamb ('000 t)	329	341	354	83	136	6	72	49	9	—	—
Pig meat ('000 t)	420	406	389	119	63	96	64	44	3	—	—
Chicken meat ('000 t)(d)(f)	690	694	760	266	220	129	np	np	np	np	np
Wool(g)											
Shorn wool (incl. crutchings) (t)	502 974	467 496	475 221	165 833	99 550	25 672	63 903	107 795	12 044	—	425
Other wool (t)(h)	48 133	41 977	44 439	11 432	15 455	1 810	6 415	8 126	1 172	—	28
Total wool produced (t)	*551 107*	*509 473*	*519 660*	*177 265*	*115 005*	*27 481*	*70 318*	*115 921*	*13 216*	—	*453*
Whole milk (ML)(i)(j)	10 328	10 075	10 125	1 218	6 613	619	679	396	600	—	—
Eggs ('000 dozen)	190 706	193 045	202 653	^ 57 794	56 768	42 548	^ 18 739	16 366	5 356	1 062	4 020

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

— nil or rounded to zero (including null cells)

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

r revised

(a) Source: *Livestock Products, Australia* (cat. no. 7215.0).

(b) Includes estimates of animals slaughtered on farms and by country butchers.

(c) Comprises broilers, fryers and roasters.

(d) Australian total excludes Tasmania, the Northern Territory and the Australian Capital Territory.

(e) Dressed carcass weight, excludes offal.

(f) Dressed weight of whole birds, pieces and giblets.

(g) Data collected on basis of state of production.

(h) Comprises dead wool and wool on skins.

(i) Source: Dairy Australia.

(j) Data for Australian Capital Territory are included in New South Wales; data for Northern Territory are included in South Australia.

9 CATTLE—Year ended 30 June

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas*	*NT*	*ACT*
CATTLE											
Milk cattle(a)											
Cows in milk and dry ('000)	2 050	2 038	2 076	251	1 379	145	97	65	138	—	—
Other milk cattle ('000)	999	1 016	981	149	590	76	63	51	53	—	—
Total milk cattle and calves ('000)	*3 049*	*3 055*	*3 056*	*399*	*1 969*	*221*	*160*	*116*	*191*	—	—
Meat cattle											
Bulls and bull calves used or intended for service ('000)	570	617	659	157	56	298	34	54	12	49	—
Other calves under one year ('000)	5 292	5 260	5 357	1 250	714	2 091	328	470	139	363	2
Cows and heifers one year and over ('000)	12 245	12 570	12 935	2 814	1 247	5 844	630	1 092	238	1 064	5
Other cattle one year and over ('000)	5 508	5 964	5 776	1 115	523	3 147	231	395	109	254	2
Total meat cattle and calves ('000)	*23 615*	*24 410*	*24 725*	*5 335*	*2 540*	*11 380*	*1 223*	*2 011*	*498*	*1 729*	*9*
Total cattle and calves ('000)	**26 664**	**27 465**	**27 782**	**5 734**	**4 509**	**11 600**	**1 384**	**2 127**	**689**	**1 729**	**9**
Proportion of total herd											
Milk cattle (%)(a)	11.4	11.1	11.0	7.0	43.7	1.9	11.6	5.5	27.7	—	—
Meat cattle (%)	88.6	88.9	89.0	93.0	56.3	98.1	88.4	94.5	72.3	100.0	100.0
NUMBER OF ESTABLISHMENTS WITH CATTLE											
Milk cattle											
Cows in milk and dry	10 448	10 212	9 652	1 460	5 855	1 098	420	338	482	—	—
Other milk cattle	11 030	10 372	9 844	1 432	6 044	1 056	479	341	493	—	—
Total milk cattle and calves	*11 865*	*11 211*	*10 374*	*1 588*	*6 216*	*1 165*	*496*	*359*	*549*	—	—
Meat cattle											
Bulls and bull calves used or intended for service	52 962	52 299	51 768	18 498	10 676	13 765	3 424	3 515	1 654	190	46
Other calves under one year	52 236	49 725	49 601	17 771	10 561	12 716	3 564	3 033	1 742	172	42
Cows and heifers one year and over	62 543	60 720	59 986	21 592	12 721	15 378	4 111	3 883	2 052	195	55
Other cattle one year and over	44 545	43 629	41 950	12 898	8 934	13 142	2 522	2 737	1 520	169	27
Total meat cattle and calves	*71 292*	*69 434*	*68 505*	*24 176*	*15 295*	*17 145*	*4 602*	*4 477*	*2 545*	*207*	*59*
Total establishments with cattle	**77 734**	**75 427**	**74 352**	**24 992**	**19 235**	**17 644**	**4 840**	**4 583**	**2 792**	**207**	**59**

— nil or rounded to zero (including null cells)

(a) Excluding house cows.

10 SHEEP—Year ended 30 June 2005

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
SHEEP											
Sheep ('000)	73 394	72 365	71 947	24 837	14 618	3 815	8 536	17 819	2 252	na	70
Lambs under one year ('000)	25 858	28 923	29 178	9 504	5 957	1 134	3 940	7 774	853	na	17
Total sheep and lambs ('000)	**99 252**	**101 288**	**101 125**	**34 341**	**20 575**	**4 949**	**12 476**	**25 592**	**3 105**	—	**87**
LAMBING											
Ewes mated to produce lambs ('000)	43 741	43 772	46 147	16 607	8 835	1 949	5 935	11 478	1 315	—	29
Lambs marked ('000)	33 932	36 313	37 223	12 610	7 656	1 251	4 980	9 490	1 214	—	21
Proportion of lambs marked to ewes mated (%)	77.6	83.0	80.7	75.9	86.7	64.2	83.9	82.7	92.4	—	71.4
Ewes expected to lamb next year ('000)(a)	45 519	46 333	46 904	16 689	9 193	1 934	5 784	11 927	1 334	na	33
NUMBER OF ESTABLISHMENTS WITH SHEEP											
Sheep	46 354	45 409	45 130	16 687	11 457	1 766	6 955	6 755	1 460	na	50
Lambs under one year	37 241	37 778	37 861	13 983	9 276	1 427	6 135	5 827	1 175	na	38
Total establishments with sheep	**47 199**	**46 178**	**46 029**	**17 037**	**11 737**	**1 801**	**7 066**	**6 818**	**1 518**	—	**50**

— nil or rounded to zero (including null cells)

na not available

(a) Forecast made at the beginning of each season.

11 PIGS—Year ended 30 June

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
PIGS											
Boars ('000)	14	13	12	3	^ 2	3	^ 2	^ 2	^ —	—	na
Breeding sows ('000)	301	282	286	78	54	72	46	34	2	—	na
Gilts intended for breeding ('000)	^ 51	36	43	12	^ 12	8	7	4	^ —	—	na
All other pigs ('000)	2 292	2 217	2 197	^ 639	455	584	281	226	10	2	na
Total pigs ('000)	**2 658**	**2 548**	**2 538**	**^ 732**	**524**	**666**	**335**	**266**	**12**	**2**	na
NUMBER OF ESTABLISHMENTS WITH PIGS											
Boars	2 097	1 847	1 760	^ 466	^ 350	^ 384	^ 326	^ 196	*36	2	na
Breeding sows	2 240	1 945	1 878	^ 477	^ 399	^ 419	^ 342	^ 205	*35	2	na
Gilts intended for breeding	1 247	1 086	917	^ 250	^ 147	^ 223	^ 170	^ 110	^ 16	1	na
All other pigs	2 574	2 244	2 056	^ 560	^ 325	^ 542	^ 390	^ 198	^ 39	4	na
Total establishments with pigs	**2 859**	**2 505**	**2 426**	**623**	**^ 465**	**^ 629**	**^ 423**	**^ 231**	***51**	**4**	na

^ 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 used with caution
— nil or rounded to zero (including null cells)
na not available

12 CHICKENS—Year ended 30 June

	Aust.			2005							
	2003	*2004*	*2005*	*NSW*	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*
Chickens											
For meat production ('000)	70 913	r65 004	62 728	22 762	17 836	9 830	np	^ 6 919	np	—	—
For egg production ('000)	12 913	12 669	13 175	3 708	3 308	3 540	^ 997	1 037	298	67	220

^ estimate has a relative standard error of 10% to less than 25% and should be used with caution
— nil or rounded to zero (including null cells)
np not available for publication but included in totals where applicable, unless otherwise indicated
r revised

13 LAND USE, Area—Year ended 30 June

	NSW	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*	*Aust.*
	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha	'000 ha
AREA PLANTED TO CROPS(a)									
2003	6 040	r3 290	r2 265	r4 339	r7 557	r75	7	2	r23 575
2004	7 241	3 479	2 745	4 454	8 079	73	7	2	26 080
2005	7 674	3 570	2 694	4 397	8 329	71	7	1	26 742
AREA OF FARMS(b)									
2003	65 126	13 413	139 042	54 139	102 728	1 771	63 263	50	439 531
2004	63 581	13 619	144 288	52 520	101 184	1 745	63 124	50	440 110
2005	64 356	13 920	143 797	54 107	104 646	1 803	62 473	48	445 149
AREA OF NON-AGRICULTURAL LAND(c)									
2003	14 938	9 329	34 023	44 209	150 260	5 069	71 650	186	329 671
2004	16 483	9 123	28 777	45 828	151 804	5 095	71 789	186	329 092
2005	15 708	8 822	29 268	44 241	148 342	5 037	72 440	188	324 053
TOTAL LAND AREA(d)									
2005	**80 064**	**22 742**	**173 065**	**98 348**	**252 988**	**6 840**	**134 913**	**236**	**769 202**

r revised

(a) Excludes crops harvested for hay and seed, and pasture and grasses.

(b) Total area of establishments with EVAO of $5,000 or more.

(c) Non-agricultural land is the difference between agricultural land as reported in the Agricultural Survey and total area of the state or territory. It comprises conserved land, forestry, urban and unused land such as vacant Crown land, commercially unused land on Aboriginal and other Crown reserves and waste land, ephemeral lakes and mangrove swamps, as well as establishments not included in the scope of the Agricultural Survey.

(d) Total area for Australia includes Jervis Bay.

Note: Agricultural land is generally divided into cropped land, land sown to pasture and grasses and a broad balance comprising grazing land, land lying idle or under fallow, etc.

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains final estimates for the main commodities collected in the 2004–05 Agricultural Survey and related Supplementary Collections (i.e. Apples and Pears Collection and Vineyards Collection). It contains detailed statistics on crops, livestock and livestock products and industry and size characteristics of farms.

GENERAL

2 Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

SCOPE AND COVERAGE

3 Estimates of farm production are based on information obtained from the Agricultural Survey conducted at 30 June 2005. Prior to 1999–2000 information was obtained for the period ending 31 March. The Australian Bureau of Statistics (ABS) changed the collection period to 30 June to better align with other ABS surveys. A study of respondent data indicated that there should be no significant difference in estimates collected between the reference periods.

4 The scope of the 2004–05 Agricultural Survey is establishments undertaking agricultural activity with an estimated value of agricultural operations (EVAO) of $5,000 or more. This is the same as the scope for Agricultural Censuses from 1993–94 to 1996–97 and for 2000–01, and the Agricultural Surveys from 1997–98 to 1999–2000, and 2001-02 to 2003-2004. Prior to 1993–94 scope has varied and these details are available on request.

5 From 2005–06 the ABS will use the Australian Business Register as the main source of frames for its agricultural surveys. It is considered that this will give an improved level of coverage of the agricultural industry.

6 For the 2002-03 Agriculture Survey, a sub-sample of 28,000 units was selected from the sample of 35,000 farms selected in the previous year. This helped control the estimates of movement for that year which was particularly important given the impact of the drought. The sample for 2003-04 was expanded to 30,500 to cover sample loss due to units in the original selection having ceased farming and to reduce the sampling error of some estimates which were approaching or exceeding design parameters in the previous year.

7 The sample for the 2004-05 Agriculture Survey used the same 30,500 units selected for the 2003-04 survey. This provided reliable estimates of movements from the previous year and controlled the level of sampling error for design commodities.

AGRICULTURAL ESTABLISHMENTS

8 An agricultural establishment is the smallest accounting unit of business within a state or territory controlling its productive activities and maintaining a specified range of detailed data enabling value added to be calculated. In general, an establishment covers all operations at a physical location, but may consist of a group of locations provided they are within the same Statistical Local Area (SLA) or contiguous SLAs. The majority of establishments operate at one location only.

INDUSTRY CLASSIFICATION

9 Since 1991–92, units in the Agricultural Census and the Agricultural Survey have been classified according to the methodology described in *Australian and New Zealand Standard Industrial Classification (ANZSIC)* (cat. no. 1292.0). Prior to 1991–92, establishments were classified according to the methodology described in the 1983 edition of *Australian Standard Industrial Classification (ASIC), Volume 1 – The Classification* (cat. no. 1201.0). Therefore care should be taken when making comparisons between years where different classifications have been used.

SAMPLE ERROR

10 The estimates in this publication are based on information obtained from a sample drawn from the total farm population in scope of the collection, and are subject to sampling variability; that is, they may differ from the figures that would have been produced if all farms had been included in the Agricultural Survey. One measure of the likely difference is given by the standard error (SE) which indicates the extent to which

SAMPLE ERROR *continued*

an estimate might vary by chance because only a sample was taken. 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 farms had responded, and about nineteen chances in twenty that the difference will be less than two SEs.

11 In this publication, 'sampling' variability of the estimates is measured by the relative standard error (RSE) which is obtained by expressing the SE as a percentage of the estimate to which it refers.

12 Most published national estimates have RSEs less than 5%. For some states with limited production of certain commodities, RSEs are greater than 10%. Estimates that have an estimated RSE 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.

13 A table with RSEs for selected commodities follows:

RELATIVE STANDARD ERRORS OF SELECTED COMMODITIES—At 30 June 2005

	NSW	*Vic.*	*Qld*	*SA*	*WA*	*Tas.*	*NT*	*ACT*	*Aust.*
	%	%	%	%	%	%	%	%	%
Barley for grain, production	4.2	3.8	7.8	3.3	3.1	7.5	. .	—	1.8
Canola, production	4.8	5.9	45.6	5.8	7.1	24.6	. .	—	3.1
Lupins for grain, production	11.8	10.4	59.4	11.3	4.2	15.5	. .	—	3.7
Oats for grain, production	4.8	5.6	38.2	10.0	5.5	13.3	. .	—	2.9
Wheat for grain, production	2.5	3.6	5.4	3.3	2.2	6.9	. .	—	1.4
Oranges, production	8.3	22.5	16.0	10.6	20.1	—	—	—	6.9
Carrots, production	30.2	1.1	10.0	13.4	3.7	5.1	—	—	4.8
Potatoes, production	6.6	3.5	14.1	6.5	5.5	4.5	—	—	2.7
Tomatoes, production	9.9	8.9	19.8	35.8	18.2	41.9	—	—	6.9
Total meat cattle	2.8	3.7	3.4	5.6	4.0	5.6	—	—	1.8
Total milk cattle	5.7	4.5	7.2	8.8	7.7	4.2	—	—	3.1
Total sheep and lambs	2.4	3.0	7.2	3.7	2.6	2.9	—	—	1.3
Total pigs	12.2	4.7	6.7	8.6	6.6	7.6	—	. .	4.3

. . not applicable
— nil or rounded to zero (including null cells)

CROPS, PASTURES AND HORTICULTURE

14 Statistics on area and production of crops relate, in the main, to crops sown during the year ended 30 June. Statistics of perennial crops relate to the position at 30 June and the production during the year ended on that date, or fruit set by that date. Statistics for apples and pears and grapes, which in some states are harvested after 30 June, are collected by supplementary collection forms and are included in this publication.

LIVESTOCK SLAUGHTERING AND LIVESTOCK PRODUCTS

15 The statistics on livestock slaughtering and meat production are based on data collected from abattoirs and other major slaughtering establishments and include estimates of animals slaughtered on farms and by country butchers and other small slaughtering establishments. Care should be taken when using this information as the figures only relate to slaughtering for human consumption and do not include animals condemned or those killed for boiling down. Definitions of livestock categories may differ between states and within states, particularly with regard to calves.

WOOL

16 Wool production statistics contained in this publication are derived from the quarterly ABS Wool Brokers and Dealers Receivals Collection and are published on the basis of state of production.

17 Wool receivals statistics show the amount of taxable wool received by brokers and dealers from wool producers. They exclude wool received by brokers on which wool tax has already been paid by other dealers (private buyers) or brokers.

MILK

18 Milk statistics have been collected and provided to the ABS by Dairy Australia. Data for the Australian Capital Territory are included with New South Wales; data for the Northern Territory are included with South Australia.

POULTRY SLAUGHTERING

19 Poultry slaughtering statistics have been compiled from quarterly returns supplied by commercial poultry slaughtering establishments. Producers in Tasmania, the Northern Territory and the Australian Capital Territory are not included in the aggregates derived from the Poultry and Game Birds Slaughtered collection. However, the statistics represent a high level of coverage.

ABS DATA AVAILABLE ON REQUEST

20 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 either the National Information and Referral Service on 1300 135 070 or Gordon Cameron on Hobart (03) 6222 5939.

GENERAL ACKNOWLEDGMENT

21 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*.

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22 A range of agricultural publications is produced by the ABS, including:

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23 For comparisons of the agriculture industry with other industries, users are referred to:

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2712100007046
ISSN 1442 7184

RRP $26.00

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Produced by the Australian Bureau of Statistics