



1989-90

Livestock and Livestock Products Australia



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**LIVESTOCK AND
LIVESTOCK PRODUCTS
AUSTRALIA
1989-90**

IAN CASTLES
Australian Statistician

AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 7221.0

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INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics— contact Mark Patton on Canberra (06) 252 5341 or any ABS State office.*
- *for information about other ABS statistics and services please refer to the back page of this publication.*

SUMMARY OF FINDINGS

Final results from the 1989-90 Agricultural Census show an increase at the Australian level in the number of beef cattle, sheep and lambs, and poultry, but a decline in the numbers of milk cattle and pigs. Beef cattle rose by 3.9 per cent to 20.7 million while milk cattle declined by 0.9 per cent to 2.5 million. Sheep and lamb numbers reached 170.3 million, an increase of 5.4 per cent on the previous year and wool production increased to 842.5 thousand tonnes, up 9.6 per cent, the highest for both since 1971-72. Pig numbers fell by 0.9 per cent to 2.6 million, continuing the decline of recent years. Poultry numbers increased to 62 million, a 6.8 per cent increase on 1988-89.

More detailed analyses are provided below.

Cattle

At 31 March 1990, cattle and calves numbered 23.2 million, an increase of 757 thousand or 3.4 per cent on the previous year. Western Australia and Northern Territory showed slight decreases, while all other States showed small increases.

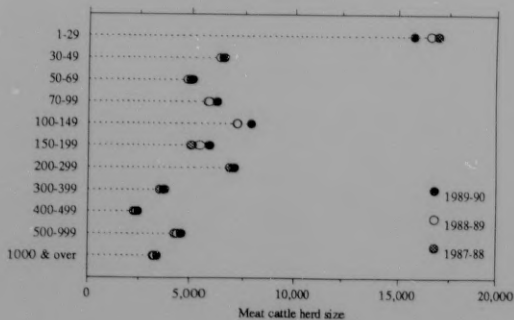
Meat cattle numbers rose in all States, except Western Australia and Northern Territory. There were 68,558

establishments with meat cattle in 1989-90, an increase of 2.3 per cent on 1988-89. The number of establishments within the scope of the census with a meat cattle herd greater than 30 head, increased by 4.7 per cent while establishments with less than 30 head fell by 5.0 per cent. (The average beef cattle herd size is 301 head).

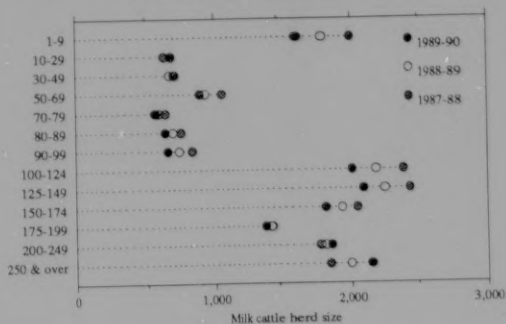
The milk cattle population in 1989-90 numbered 2.5 million, a decrease of 23 thousand or 0.9 per cent on the previous year. There were 17,032 establishments within the scope of the census with milk cattle in 1989-90, a fall of 3.6 per cent from the previous year. In the dairy industry, 66.4 per cent of establishments have 100 or more head of cattle. (The average milk cattle herd size is 148 head).

Nationally, cattle and calf slaughterings in 1989-90 were up by 9.6 per cent on the previous year, with significant increases in NSW, up 16.1 per cent, Tas up 12.4 per cent, SA up 11.9 per cent and WA up by 10.6 per cent. Beef production has risen by 182 thousand tonnes (12.5 per cent). Veal production increased by 3 thousand tonnes (9.7 per cent).

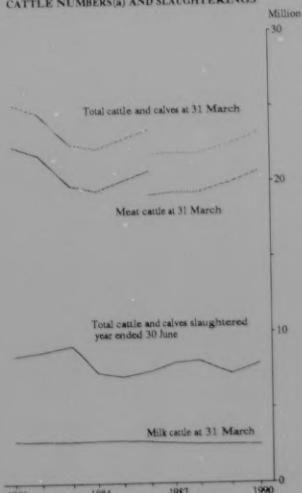
NUMBER OF ESTABLISHMENTS WITH MEAT CATTLE BY SIZE OF MEAT CATTLE HERD



NUMBER OF ESTABLISHMENTS WITH MILK CATTLE BY SIZE OF MILK CATTLE HERD

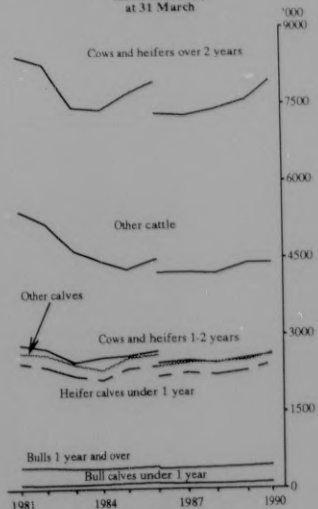


CATTLE NUMBERS(a) AND SLAUGHTERINGS



(a) See paragraph 4 of Explanatory Notes.

MEAT CATTLE: STRUCTURE OF HERD AUSTRALIA(a) at 31 March



(a) See paragraph 4 of Explanatory Notes.

Sheep

Sheep and lamb numbers at 31 March 1990 were 170.3 million, an increase of 5.4 per cent over 1989. Queensland showed the biggest percentage increase of 12.1 per cent. The number of establishments reporting sheep increased by 577 or 0.9 per cent on 1988-89.

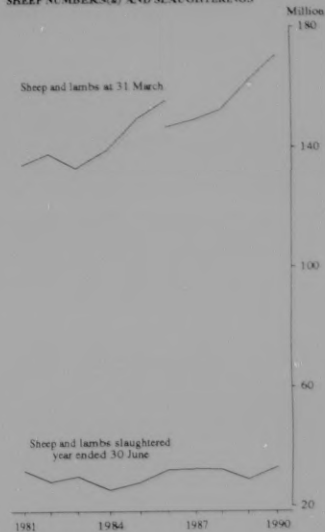
When compared with the years 1988 and 1989, the results indicate an increase in the size of sheep farms (in terms of flock size). The number of establishments with flock below 3000 head has decreased. However, there has been an increase in all size ranges from 3000 and above. The average flock size has increased to 2,673 head, compared with 2,560 in 1988-89.

The percentage of actual matings to intended matings increased to 96 per cent, compared with 95 per cent in 1988-89. The percentage of lambs marked to actual matings increased to 83 per cent. Mating intentions for 1989-90 also increased 4.6 per cent compared with 1988-89.

In 1989-90, sheep and lamb slaughterings increased by 4.1 million or 14.2 per cent. The major rise was recorded in sheep slaughterings (30.2 per cent), while lamb slaughterings rose by only 2.2 per cent. Mutton and lamb meat produced rose by 84 thousand tonnes (15.5 per cent) to 627.8 thousand tonnes.

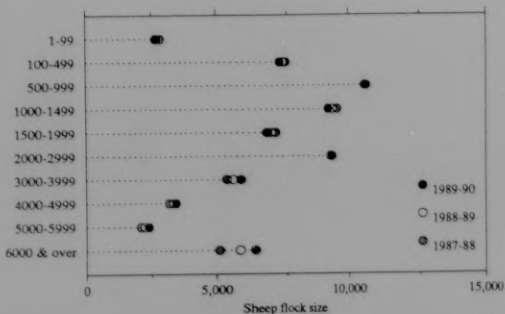
The number of sheep and lambs shorn increased by 6.0 per cent to 182.1 million. Wool production in 1989-90 increased by 9.6 per cent to 842.5 thousand tonnes. The average cut per head rose to 4.6 kg.

SHEEP NUMBERS(a) AND SLAUGHTERINGS



(a) See paragraph 4 of Explanatory Notes.

NUMBER OF ESTABLISHMENTS WITH SHEEP
BY SIZE OF SHEEP FLOCK



Pigs

Pig numbers at 31 March 1990 showed a decrease of 23 thousand or 0.9 per cent compared with 1988-89. Small increases in New South Wales and Victoria were offset by declining pig numbers in the other states.

The number of establishments reporting pigs in 1989-90 decreased by 746 or 9.8 per cent compared with 1988-89. The number of establishments reporting pigs decreased in all size ranges when compared with 1988-89, with the exception of those in the 30 to 39 and 1000 and over size categories, where there were increases of 8.4 and 2.3 per cent respectively.

Pig slaughtering were down 64.2 thousand (1.3 per cent) on 1988-89 to 4.9 million. The main contributors to this decrease were South Australia and Western Australia, which fell 5.8 and 8.2 per cent respectively with Victoria increasing 6.0 per cent. Total pig meat production rose by 9 thousand tonnes (3.0 per cent) to 317 thousand tonnes.

Poultry

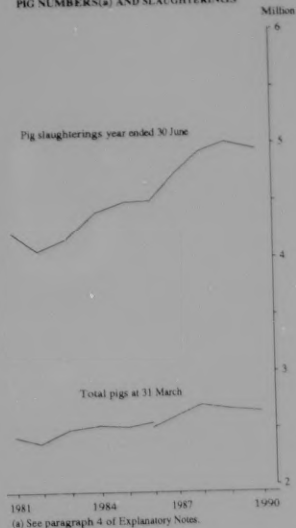
Chicken numbers at 31 March 1990 excluding breeding stock showed an overall increase of 7.7 per cent (4.1 million) to 57 million compared with 1988-89. The major contributors to this increase were Victoria, Queensland and New South Wales with rises of 12.8, 10.1 and 7.0 per cent respectively.

Total chicken slaughtering increased 11.3 million (4.1 per cent) and chicken meat production rose by 11.6 thousand tonnes (3.2 per cent) compared with 1988-89 to 380.0 thousand tonnes.

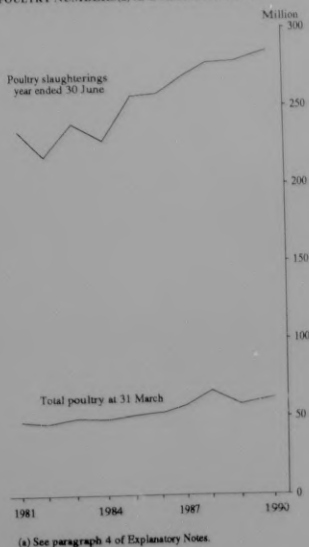
Beekeeping

The number of beehives at 31 March 1990 stayed steady at 405 thousand compared with 1988-89. However, the number of productive hives fell by 3.0 per cent, and the production of honey fell by 1,421 tonnes (6.3 per cent) to 21.2 thousand tonnes.

PIG NUMBERS(a) AND SLAUGHTERINGS



POULTRY NUMBERS(a) AND SLAUGHTERINGS



SUMMARY

TABLE 1. LIVESTOCK NUMBERS AND LIVESTOCK PRODUCTS, AUSTRALIA, 1987-88 TO 1989-90

	Unit	Australia			1989-90							
		1987-88	1988-89	1989-90	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Cattle and calves												
Milk	'000	2,581	2,546	2,523	380	1,445	309	139	111	136	2	—
Meat	"	19,270	19,888	20,668	5,125	2,200	9,180	830	1,562	433	1,326	12
Total	"	21,851	22,434	23,191	5,506	3,646	9,489	969	1,673	569	1,327	12
Cattle	"	16,643	17,125	17,576	3,907	2,784	7,411	720	1,264	405	1,078	9
Calves	"	5,207	5,309	5,614	1,598	862	2,078	249	409	164	250	3
Sheep	"	116,781	124,971	130,231	47,304	22,885	13,120	14,074	28,867	3,883	—	98
Lambs	"	35,662	36,633	40,065	14,805	6,382	3,555	4,290	9,555	1,454	—	23
Total	"	152,443	161,603	170,297	62,109	29,268	16,675	18,363	38,422	5,337	1	122
Sheep Shorn	"	134,299	138,901	146,730	51,692	25,773	13,528	16,281	34,800	4,552	—	104
Wool Production	'000 t	675.3	711.8	781.0	280.2	132.7	68.4	98.7	180.3	20.1	—	0.5
Lambs Shorn	"	33,237	32,887	35,350	11,534	6,308	2,233	4,587	9,679	988	—	20
Wool Production	'000 t	54.2	36.9	61.5	22.7	10.0	4.4	8.9	14.2	1.3	—	—
Sheep and lambs shorn	'000	167,539	171,790	182,080	63,227	32,080	15,761	20,868	44,480	5,540	—	124
Total wool production	'000 t	729.5	768.7	842.5	302.9	142.7	72.8	107.5	194.5	21.4	—	0.5
Pigs	'000	2,706	2,671	2,648	865	428	600	437	272	42	2	—
Goats	"	680	684	560	314	70	60	32	59	25	1	—
Poultry												
Chickens												
For egg production	"	13,463	13,193	13,084	4,641	3,209	2,608	869	1,105	325	105	222
For meat production	"	47,988	39,709	43,906	18,778	7,843	8,873	4,054	3,887	369	102	—
Total	"	61,451	52,902	56,990	23,419	11,053	11,480	4,924	4,991	694	207	222
Ducks	"	663	263	276	145	126	1	1	3	—	—	—
Turkeys	"	1,585	1,125	1,240	1,077	131	1	16	13	2	—	—
Number of beehives(a)	"	366	405	405	162	57	92	50	34	11	—	—
Honey produced	'000 t	23,026	22,619	21,198	7,680	3,127	4,159	3,121	2,365	748	—	—

(a) Bookkeeping information is recorded at 30 June.

TABLE 2. LIVESTOCK SLAUGHTERING AND LIVESTOCK PRODUCTS, AUSTRALIA, AT 30 JUNE, 1988 TO 1990

	Unit	Australia			1989-90								
		1987-88	1988-89	1989-90	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	
LIVESTOCK SLAUGHTERING AND MEAT PRODUCTION(a)													
Numbers slaughtered													
Cattle	'000	6,926.9	6,271.2	6,945.3	1,899.4	1,410.0	2,333.9	433.0	494.6	191.7	148.2	34.5	
Calves	"	1,182.7	970.8	993.2	190.0	585.1	144.8	23.5	11.8	34.9	2.7	0.5	
Total	"	8,109.7	7,242.0	7,938.5	2,089.4	1,995.1	2,478.6	456.5	506.5	226.6	150.9	35.0	
Sheep	"	14,950.0	12,358.5	16,085.6	5,021.3	3,326.0	766.0	2,417.5	3,814.6	532.3	—	208.0	
Lambs	"	17,187.8	16,450.2	16,806.1	4,989.5	6,199.9	949.1	2,170.9	1,469.5	588.8	—	438.5	
Total	"	32,137.8	28,808.7	32,891.7	10,010.7	9,525.9	1,715.0	4,588.4	5,284.1	1,121.1	—	646.5	
Pigs	"	4,923.4	5,006.7	4,942.5	1,606.9	971.3	1,119.0	620.7	460.9	86.8	n.p.	n.p.	
Poultry(b)(c)	"	273,575	274,119	285,476	112,600	68,335	48,410	27,198	28,933	n.p.	—	—	
Meat Produced(d)													
Beef	'000t	1,549.2	1,459.4	1,641.5	428.9	308.3	620.8	99.7	105.7	45.5	25.9	6.7	
Veal	"	38.5	32.1	35.2	12.1	12.6	6.6	0.8	0.8	2.1	0.2	—	
Total	"	1,587.7	1,491.5	1,676.7	441.0	320.8	627.4	100.5	106.5	47.6	26.1	6.7	
Mutton	"	292.6	253.8	332.8	108.9	69.0	16.0	50.9	73.3	10.3	—	4.3	
Lamb	"	293.4	289.6	295.0	90.8	110.9	16.1	38.1	22.3	9.6	—	7.3	
Total	"	586.1	543.4	627.8	199.7	179.9	32.1	89.0	95.7	19.8	—	11.6	
Pigmeat(b)	"	296.8	308.1	317.1	100.9	66.4	72.1	40.8	26.9	5.3	n.p.	n.p.	
Poultry meat(c)(e)	"	362.3	368.4	380.0	157.4	92.6	59.8	35.2	35.0	n.p.	—	—	
OTHER LIVESTOCK PRODUCTS													
Brokers and dealers ('000t)													
receipts of													
taxable wool(f)		842.4	891.5	1,049.8	284.0	300.1	88.7	121.3	231.7	24.1	—	—	
Whole milk													
intake by	(mil.												
factories(g)	litres)	6,129	6,293	6,263	878(h)	3,787	630	357	266	345	—	(h)	

(a) The source of this data is the ABS monthly Livestock Product collections, which are published monthly in *Livestock Products, Australia* (7215.0). (b) Includes ACT and NT from 1989-90 (c) Represents chickens only. (d) Dressed carcass weight, excluding offal. (e) Dressed weight of whole birds, pieces and giblets. (f) For an explanation of the sources and scope of these statistics refer to paragraph 8 of the Explanatory Notes in the back of this publication. (g) Source: Australian Dairy Corporation (ADC). (h) ACT data is included in NSW.

CATTLE AND CATTLE PRODUCTS

TABLE 3. CATTLE NUMBERS BY AGE, SEX AND PURPOSE AT 31 MARCH, 1988 TO 1990 ('000)

	Australia			1990							
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Milk cattle —											
Bulls 1 year and over used or intended for service	28	27	25	3	15	3	1	1	1	—	—
Bull calves under 1 year intended for service	8	9	8	1	5	1	—	—	1	—	—
Cows in milk and dry	1,676	1,663	1,653	238	968	201	89	64	92	2	—
Heifers 1 year and over	455	443	436	74	234	54	27	25	21	—	—
Heifer calves under 1 year	375	370	372	52	220	39	20	20	21	—	—
House cows and heifers	38	34	28	12	3	12	1	1	—	—	—
Total	2,581	2,546	2,523	380	1,445	309	139	111	136	2	—
Meat cattle —											
Bulls 1 year and over used or intended for service	420	436	455	98	52	192	21	41	8	43	—
Bull calves under 1 year intended for service	108	115	127	37	18	48	6	12	3	3	—
Cows and heifers 1 to 2 years	2,470	2,558	2,625	632	269	1,184	108	199	44	188	2
Cows and heifers over 2 years	7,348	7,562	7,952	2,054	856	3,299	333	650	153	602	5
Heifer calves under 1 year	2,234	2,310	2,450	711	292	970	106	173	65	132	2
Other calves under 1 year	2,482	2,506	2,656	798	327	1,021	116	204	75	114	1
Other cattle 1 year and over	4,207	4,402	4,401	796	387	2,466	140	283	85	243	1
Total	19,270	19,888	20,668	5,125	2,200	9,180	830	1,562	433	1,326	12
Total cattle and calves	21,851	22,434	23,191	5,506	3,646	9,489	969	1,673	569	1,327	12
Cattle	16,643	17,125	17,576	3,907	2,784	7,411	720	1,264	405	1,078	9
Calves	5,207	5,309	5,614	1,598	862	2,078	249	409	164	250	3
Per cent of total herd —											
Milk cattle	11.8	11.3	10.9	6.9	39.6	3.3	14.3	6.6	23.9	0.1	1.7
Meat cattle	88.2	88.7	89.1	93.1	60.4	96.7	85.7	93.4	76.1	99.9	98.3

TABLE 4. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING CATTLE NUMBERS BY AGE, SEX AND PURPOSE AT 31 MARCH, 1988 TO 1990

	Australia			1990							
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Milk cattle —											
Bulls 1 year and over used or intended for service	11,916	11,109	10,343	1,618	5,647	1,413	704	408	547	1	5
Bull calves under 1 year intended for service	4,239	3,931	3,634	466	2,109	488	214	103	252	1	1
Cows in milk and dry	16,471	15,861	15,337	2,343	8,195	2,125	1,162	624	885	2	1
Heifers 1 year and over	15,407	14,734	14,146	2,201	7,651	1,958	1,006	538	791	1	—
Heifer calves under 1 year	14,953	14,224	13,648	2,116	7,383	1,866	946	559	776	1	1
House cows and heifers	11,795	10,384	8,439	3,428	1,202	2,742	471	399	187	6	4
Total(a) Milk cattle	29,224	27,150	24,746	6,052	9,847	4,953	1,699	1,067	1,112	8	8
Meat cattle —											
Bulls 1 year and over used or intended for service	52,944	53,792	55,100	19,349	13,619	13,106	3,542	3,300	1,960	178	46
Bull calves under 1 year intended for service	9,998	10,061	10,701	3,290	2,342	3,295	640	683	363	74	14
Cows and heifers 1 to 2 years	39,714	40,882	41,840	14,636	9,355	10,896	2,659	2,608	1,470	178	38
Cows and heifers over 2 years	51,835	52,201	54,286	19,769	12,555	12,854	3,632	3,389	1,853	183	51
Heifer calves under 1 year	45,077	45,262	47,347	17,135	10,491	12,130	2,904	2,718	1,759	167	43
Other calves under 1 year	48,372	48,066	49,884	18,084	11,183	12,289	3,290	2,926	1,916	156	40
Other cattle 1 year and over	37,941	39,315	39,196	12,079	8,977	11,929	2,206	2,282	1,516	177	30
Total Meat cattle	66,499	67,040	68,558	23,210	17,541	15,930	4,786	4,184	2,661	191	55
Total cattle and calves	74,344	74,005	75,105	24,510	20,754	16,955	5,356	4,397	2,885	192	56

(a) Includes establishments with house cows and heifers.

TABLE 5. MATINGS AND CALVING, YEARS ENDED 31 MARCH, 1988 TO 1990
(^{'000})

	Australia			1990							
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Cows and heifers mated	9,172	9,620	10,019	2,242	1,963	3,722	454	716	243	635	5
Calves born or branded	6,937	6,983	7,347	1,867	1,671	2,343	379	524	233	327	4

AgStats

AgStats is a microcomputer package developed by the Australian Bureau of Statistics.

AgStats consists of:-

- Agricultural Census small area commodity data and a program to access the data via a series of easy to use menu panels.
- Over 1300 individual Statistical Local Areas, covering all of Australia, can be cross referenced with any or all of more than 800 commodity data items.
- Complete regional profiles of agricultural activity and production can be obtained for any individual area or aggregates up to State or Australian level.
- AgStats contains data on a wide range of agricultural activities such as grazing of cattle and sheep, dairying, pigs and poultry, crops and pastures, fruit and vegetables and fertilizer used.

To use AgStats on your microcomputer, you will need:

- an IBM compatible microcomputer
- DOS level 2 or later
- up to 4 Mb hard disk space
- 640 Kb of RAM

For further information, contact Penny Cooke, phone (06) 252 5300

TABLE 6. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY CLASSIFIED ACCORDING TO AREA OF ESTABLISHMENT AND SIZE OF MEAT CATTLE HERD, AUSTRALIA, AT 31 MARCH 1990

	Size of meat cattle herd (numbers)															Estab- lish- ments with no meat cattle	Estab- lish- ments with meat cattle	Total number of estab- lish- ments								
	1-29	30-49	50-69	70-99	100-149	150-199	200-299	300-399	400-499	500-699	700-999	1,000-1,499	1,500-1,999	2,000-4,999	5,000-9,999	10,000 and over										
New South Wales	4,335	2,205	1,770	2,171	2,865	2,188	2,839	1,589	970	1,004	640	370	128	119	9	8	23,210	14,330	37,540							
Victoria	5,589	1,850	1,433	1,738	2,302	1,476	1,469	683	414	304	167	76	17	20	—	3	17,541	15,765	33,306							
Queensland	2,455	1,083	850	1,076	1,359	1,197	1,765	1,132	803	1,036	948	846	494	676	126	74	15,930	10,689	26,619							
South Australia	1,776	590	416	430	456	287	296	150	89	114	65	51	22	29	10	5	4,786	9,850	14,636							
Western Australia	935	433	301	406	524	409	432	199	122	129	84	57	33	65	28	27	4,184	9,226	13,410							
Tasmania	697	288	258	297	330	220	221	115	65	81	45	23	10	10	—	1	2,661	1,038	3,699							
Northern Territory	1	4	4	3	5	2	—	2	3	5	9	12	7	61	36	37	191	66	257							
Australian Capital Territory	8	5	5	2	7	9	4	4	5	4	1	1	—	—	—	—	55	18	73							
Area of establishments (hectares)																—	—	—	—	—	—	—	—	—	523	524
0(a)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	105	2,740	2,845						
>0-4	95	4	3	2	—	1	—	—	—	—	—	—	—	—	—	—	—	187	2,865	3,052						
5-9	165	11	3	6	2	—	1	3	—	—	—	—	—	—	—	—	—	615	4,196	4,811						
10-19	494	78	23	10	6	1	—	—	—	—	—	—	—	—	—	—	—	737	2,422	3,159						
20-29	481	159	45	29	17	2	3	1	—	—	—	—	—	—	—	—	—	2,189	3,796	5,985						
30-39	1,180	408	244	206	121	19	9	—	1	1	—	—	—	—	—	1	—	3,178	3,507	6,685						
40-49	1,450	436	347	375	403	239	35	1	—	1	—	—	—	—	—	—	—	3,170	2,753	5,923						
50-74	1,240	372	318	402	509	233	82	9	3	—	1	—	—	1	—	—	—	3,255	2,197	5,452						
75-99	1,150	399	296	380	524	308	168	24	3	2	1	—	—	—	—	—	—	2,960	1,823	4,783						
100-124	974	348	262	359	459	307	199	41	7	2	1	1	—	—	—	—	—	4,556	2,624	7,180						
125-149	1,257	509	431	506	654	567	474	111	36	10	1	—	—	—	—	—	—	4,119	2,442	6,561						
150-199	950	440	382	448	631	467	546	176	48	27	2	1	—	1	—	—	—	1	3,293	2,168	5,461					
200-249	764	339	284	331	461	356	463	177	76	33	7	1	—	—	—	—	—	5,095	3,233	8,328						
250-299	995	506	457	540	665	566	731	366	157	92	16	2	1	1	—	—	—	1	4,272	2,994	7,266					
300-399	722	442	331	453	556	488	612	320	170	124	43	6	1	3	—	—	—	1	7,081	5,077	12,158					
400-499	1,304	599	518	644	880	688	1,037	598	365	290	124	25	4	3	1	—	—	2	4,470	3,292	7,761					
500-749	739	379	295	363	526	402	589	463	276	250	133	40	6	7	—	—	—	—	8,104	6,522	14,626					
750-999	1,089	577	447	576	739	654	1,064	793	677	775	448	196	47	22	—	—	—	—	3,077	2,419	5,496					
1,000-1,999	308	177	134	176	228	191	352	291	231	375	331	200	57	26	—	—	—	2	1	2,403	1,614	4,017				
2,000-2,999	201	109	85	115	161	124	227	189	146	262	357	275	97	52	2	—	—	1,950	769	2,719						
3,000-4,999	124	72	51	72	118	115	142	111	91	73	109	139	197	140	182	11	4	1,468	401	1,869						
5,000-9,999	66	51	39	65	100	78	123	91	73	91	94	100	92	249	46	6	1,258	312	1,570							
10,000-19,999	44	35	33	49	71	67	119	89	73	91	94	100	92	249	46	6	1,258	312	1,570							
20,000-49,999	14	8	9	16	17	25	48	23	38	61	54	86	61	275	142	139	1,016	293	1,309							
50,000 and over	14	8	9	16	17	25	48	23	38	61	54	86	61	275	142	139	1,016	293	1,309							
Total number of establishments	15,806	6,458	5,037	6,123	7,848	5,788	7,026	3,874	2,471	2,677	1,959	1,436	711	980	209	155	68,558	60,982	129,540							

(a) Establishments engaged in beekeeping and possessing no land.

NOTE: In addition to the above statistics, the Australian Bureau of Statistics can provide similar statistics for major commodities aggregated to small areas. These additional services are subject to a charge.

TABLE 7. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY CLASSIFIED ACCORDING TO AREA OF ESTABLISHMENT AND SIZE OF MILK CATTLE HERD, AUSTRALIA, AT 31 MARCH 1990

	Size of milk cattle herd (numbers)																Estab- lish- ments with milk cattle	Estab- lish- ments with no milk cattle	Total number of estab- lish- ments
	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-124	125-149	150-174	175-199	200-249	250- and over			
New South Wales	307	111	76	72	82	82	95	112	129	129	343	296	237	177	222	311	2,781	34,759	37,540
Victoria	548	117	108	115	115	169	183	222	269	296	1,053	1,208	1,119	894	1,144	1,294	8,854	24,452	33,306
Queensland	182	48	56	58	71	73	109	121	119	121	318	323	215	146	201	189	2,350	24,269	26,619
South Australia	302	46	31	46	59	50	62	58	56	51	133	110	99	67	78	94	1,342	13,294	14,636
Western Australia	200	20	9	6	10	9	7	5	10	16	39	46	61	55	103	141	737	12,673	13,410
Tasmania	80	33	16	20	41	32	25	43	47	36	123	110	69	71	96	119	961	2,738	3,699
Area of establishments (hectares)																			
0(a)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	524	524
>0- 4	9	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	11	2,834	2,845
5- 9	14	3	2	2	—	—	—	—	—	—	1	—	—	—	—	—	22	3,030	3,052
10- 19	21	18	13	6	14	9	4	7	5	—	2	—	—	—	—	—	99	4,712	4,811
20- 29	31	19	22	22	27	35	30	21	17	18	20	3	1	2	1	—	269	2,890	3,159
30- 49	65	42	43	56	77	93	105	89	123	97	232	170	78	22	5	1	1,298	4,687	5,985
50- 74	71	33	32	57	66	74	91	129	123	129	428	360	221	95	67	17	1,993	4,692	6,685
75- 99	56	23	29	27	46	46	53	97	83	99	330	391	334	200	149	61	2,024	3,899	5,923
100- 124	40	19	17	25	30	26	38	53	65	82	249	293	308	265	284	126	1,920	3,532	5,452
125- 149	47	11	20	19	16	27	33	41	52	60	176	191	222	219	288	167	1,589	3,194	4,783
150- 199	88	30	17	18	30	36	41	40	57	66	217	253	220	228	375	372	2,088	5,092	7,180
200- 249	75	24	16	22	20	15	23	29	33	24	132	147	143	123	219	381	1,426	5,135	6,561
250- 299	71	15	14	11	7	9	11	14	16	17	68	90	83	77	155	278	936	4,525	5,461
300- 399	144	24	8	18	9	15	19	12	21	23	71	89	88	79	132	268	1,020	7,308	8,328
400- 499	118	16	11	9	15	9	7	11	12	12	28	41	43	49	58	176	615	6,651	7,266
500- 749	201	28	14	8	6	9	9	10	10	14	30	37	31	32	66	147	652	11,506	12,158
750- 999	125	11	9	8	4	5	3	3	5	2	13	7	17	12	19	74	317	7,444	7,761
1,000- 1,999	230	32	17	6	4	5	7	5	4	4	9	16	10	5	22	58	434	14,192	14,626
2,000- 2,999	81	9	6	1	3	—	3	—	3	—	2	1	—	1	4	11	125	5,371	5,496
3,000- 4,999	53	11	4	—	1	1	—	—	—	—	2	1	1	—	—	4	80	3,937	4,017
5,000- 9,999	44	4	1	2	1	1	2	—	—	1	—	1	—	1	—	1	31	1,838	1,869
10,000- 19,999	26	—	—	—	2	—	—	—	—	—	—	2	—	—	—	1	14	1,556	1,570
20,000- 49,999	10	1	—	—	—	—	2	—	1	—	—	—	—	—	—	—	4	1,305	1,309
50,000 and over	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total number of establishments	1,623	375	296	317	378	415	481	561	630	649	2,009	2,094	1,800	1,411	1,844	2,149	17,032	112,508	129,540

(a) Establishments engaged in beekeeping and possessing no land.

NOTE: In addition to the above statistics, the Australian Bureau of Statistics can provide similar statistics for major commodities aggregated to small areas. These additional services are subject to a charge.

SHEEP AND WOOL

TABLE 8. SHEEP NUMBERS BY AGE AND SEX AT 31 MARCH, 1988 TO 1990 ('000)

	Australia			1990						
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	ACT
Sheep, 1 year and over —										
Rams	1,711	1,754	1,767	608	292	171	226	419	50	1
Ewes-for breeding	60,042	61,891	61,390	23,366	10,469	5,519	7,184	13,104	1,701	47
maiden (intended for breeding)	11,563	12,941	13,422	5,222	2,137	1,390	1,381	2,883	401	8
other	4,348	4,664	5,959	1,933	903	456	505	1,912	247	5
Wethers	39,118	43,721	47,692	16,174	9,085	5,583	4,778	10,550	1,484	37
Total sheep	116,781	124,971	130,231	47,304	22,885	13,120	14,074	28,867	3,883	98
Lambs and hoggets under 1 year	35,662	36,633	40,065	14,805	6,382	3,555	4,290	9,555	1,454	23
Total sheep and lambs	152,443	161,603	170,297	62,109	29,268	16,675	18,363	38,422	5,337	122

TABLE 9. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING SHEEP AT 31 MARCH, 1988 TO 1990

	Australia			1990						
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	ACT
Sheep, 1 year and over —										
Rams	53,805	54,290	54,072	19,092	13,503	2,582	8,374	8,705	1,762	54
Ewes-for breeding	54,499	54,583	54,551	19,209	13,559	2,621	8,593	8,813	1,702	54
maiden (intended for breeding)	29,155	31,123	31,616	10,965	7,189	1,794	4,676	5,897	1,060	35
other	12,858	13,588	15,579	4,956	3,406	742	2,145	3,614	699	17
Wethers	42,686	44,388	45,769	15,094	10,828	2,583	7,537	8,358	1,321	48
Total sheep	61,762	62,376	63,068	21,896	16,007	3,200	9,848	10,038	2,019	60
Lambs and hoggets under 1 year	51,681	51,952	52,430	18,448	12,944	2,513	8,064	8,682	1,726	53
Total sheep and lambs	62,525	63,138	63,716	22,069	16,272	3,232	9,936	10,098	2,045	60

TABLE 10. MATINGS AND LAMBINGS, 1987-88 TO 1989-90

Season (1 April to 31 March)	Australia			1989-90						
	Unit	1987-88	1988-89	1989-90	NSW	Vic.	Qld	SA	WA	Tas. ACT
Number of breeding ewes at beginning of season	'000	72,122	71,605	74,832	28,352	12,338	6,496	8,542	16,885	2,163 55
Mating intentions at start of season	'000	65,546	64,667	67,639	25,274	11,401	5,399	7,875	15,547	2,099 45
Actual matings	'000	60,911	61,492	65,165	24,127	10,923	5,457	7,576	15,025	2,016 42
Percentage of actual matings to intended matings	%	93	95	96	95	96	101	96	97	96 93
Lambs marked	'000	49,246	49,601	54,375	20,865	9,504	3,973	6,456	11,716	1,826 35
Percentage of lambs marked to —	%	81	81	83	86	87	73	85	78	91 83
Actual matings	%	81	81	83	86	87	73	85	78	91 83
Breeding ewes	%	68	69	73	74	77	61	76	69	84 64

TABLE 11. LAMBS AND HOGGETS, UNDER 1 YEAR OF AGE AT 31 MARCH, 1988 TO 1990 ('000)

	Australia(a)			1990						
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	ACT
Merino	26,868	28,404	32,098	11,161	3,823	3,477	3,752	9,243	624	18
Corriedale and Polwarth(b)	2,042	1,818	1,808	368	807	11	125	73	424	—
First cross	2,912	3,008	2,990	1,523	746	50	282	182	197	4
Second cross	2,055	1,971	1,944	1,253	509	9	78	15	79	2
Other	1,077	940	963	237	497	8	53	36	131	—
Not stated(c)	708	492	263	263	—	—	—	—	—	—
Total	35,662	36,633	40,065	14,805	6,382	3,555	4,290	9,555	1,454	23

(a) Not collected in the Northern Territory. (b) Includes Zamish, Cormo, Dummer and Comeback. (c) There is incomplete reporting of lambs and hoggets by breed in the Agricultural census.

TABLE 12. LAMBING INTENTIONS, YEAR ENDED 31 MARCH 1991
(^{'000})

State/ Ewe type	Ewe numbers mated or intended to be mated to -					
	Merino rams	Corriedale and Polwarth rams	Rams of other breeds -			Total
			Short Wool	Long wool	Carpet wool	
New South Wales —						
Purebred merino	16,928	148	943	2,203	13	20,235
Crossbred merino	237	236	3,315	240	11	4,040
Other breeds (includes Unspecified)	71	533	525	126	21	1,276
Total	17,236	917	4,783	2,570	44	25,551
Victoria —						
Purebred merino	5,161	221	834	579	7	6,802
Crossbred merino	495	438	1,683	156	5	2,777
Other breeds	136	646	813	273	77	1,944
Total	5,792	1,305	3,330	1,008	88	11,522
Queensland —						
Purebred merino	5,693					5,794
Crossbred merino	23	(a)	(a)	(a)	(a)	47
Other breeds	16					38
Total	5,733	—	—	—	—	5,879
South Australia —						
Purebred merino	5,822	43	853	295	2	7,014
Crossbred merino	65	43	412	42	—	562
Other breeds	13	129	146	24	3	316
Total	5,900	215	1,410	362	5	7,892
Western Australia —						
Purebred merino	12,891	90	957	160	1	14,098
Crossbred merino	50	29	125	18	—	223
Other breeds	18	71	52	10	6	157
Total	12,959	190	1,134	189	7	14,479
Tasmania —						
Purebred merino	504	20	30	30	—	584
Crossbred merino	413	117	100	25	1	656
Other breeds	127	282	307	58	15	789
Total	1,044	418	437	112	17	2,029
Australia (b)(c) —						
Purebred merino	47,032	523	3,620	3,271	22	54,568
Crossbred merino	1,283	864	5,640	482	17	8,311
Other breeds	382	1,660	1,843	491	122	4,521
Total	48,697	3,047	11,103	4,245	161	67,400

(a) Figures for Queensland not collected separately but shown in total. (b) Includes the Australian Capital Territory but not the Northern Territory where lambing information is not collected. (c) Incomplete. See Queensland above.

TABLE 13. SHEARING AND WOOL PRODUCTION, YEARS ENDED 31 MARCH, 1988 to 1990

Unit	Australia			1990						
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	
Sheep —										
Number shorn	'000 134,299	138,901	146,730	51,692	25,773	13,528	16,281	34,800	4,552	
Wool produced (incl. crutchings)	tonnes 675,329	711,829	780,955	280,168	132,710	68,415	98,682	180,325	20,142	
Average cut per head	kg 5.03	5.12	5.32	5.42	5.15	5.06	6.06	5.18	4.42	
Lambs —										
Number shorn	'000 33,237	32,887	35,350	11,534	6,308	2,233	4,587	9,679	984	
Wool produced	tonnes 54,172	56,879	61,535	22,743	10,028	4,427	8,865	14,181	1,265	
Average cut per head	kg 1.63	1.73	1.74	1.97	1.59	1.98	1.93	1.47	1.28	
Total sheep and lambs —										
Number shorn	'000 167,539	171,790	182,080	63,227	32,080	15,761	20,868	44,480	5,540	
Wool produced	tonnes 729,501	768,718	842,489	302,911	142,737	72,842	107,547	194,507	21,408	
Average cut per head	kg 4.35	4.47	4.63	4.79	4.45	4.62	5.15	4.37	3.86	

TABLE 14. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY CLASSIFIED ACCORDING TO AREA OF ESTABLISHMENT AND SIZE OF SHEEP FLOCK, AUSTRALIA, AT 31 MARCH 1990

	Size of sheep flock (numbers)																	Estab-lish-ments with sheep	Estab-lish-ments with no sheep	Total number of estab-lish-ments	
	1-99	100-499	500-999	1,000-1,499	1,500-1,999	2,000-2,999	3,000-3,999	4,000-4,999	5,000-5,999	6,000-6,999	7,000-7,999	8,000-8,999	9,000-9,999	10,000-14,999	15,000-19,999	20,000-49,999	50,000 and over				
New South Wales	585	1,822	3,428	3,266	2,597	3,657	2,245	1,336	887	598	373	299	211	513	143	103	5	22,069	15,472	37,540	
Victoria	900	2,690	3,574	2,652	1,699	2,049	1,107	575	353	213	158	82	69	116	32	21	2	16,272	17,034	33,306	
Queensland	320	258	231	206	155	300	287	240	208	192	158	118	104	264	99	87	5	3,232	23,387	26,619	
South Australia	404	1,420	2,312	1,857	1,202	1,240	584	293	182	115	84	63	34	92	29	24	1	9,936	4,700	14,636	
Western Australia	230	556	735	951	944	1,835	1,491	984	682	453	303	228	166	345	116	76	3	10,098	3,312	13,410	
Tasmania	200	465	330	196	137	206	121	78	61	51	30	37	20	62	32	19	—	2,045	1,654	3,699	
Area of establishments (hectares)																					
0(a)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	523	523	
>0-4	30	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	32	2,813	2,845
5-9	49	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	55	2,997	3,052
10-19	128	39	4	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	173	4,636	4,809
20-29	116	67	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	186	2,973	3,159
30-49	245	340	55	4	—	—	1	—	—	—	—	—	—	—	—	—	—	—	645	5,339	5,984
50-74	220	517	197	19	3	3	—	—	—	—	—	—	—	—	—	—	—	—	959	5,725	6,684
75-99	179	544	375	65	10	1	—	—	—	—	—	—	—	—	—	—	—	—	1,174	4,749	5,923
100-124	166	500	357	132	18	10	1	—	—	—	—	—	—	—	—	—	—	—	1,364	4,088	5,452
125-149	164	467	522	197	39	15	1	—	—	—	—	—	—	—	—	—	—	—	1,405	3,378	4,783
150-199	234	741	879	517	180	52	2	1	—	—	—	—	—	—	—	—	—	—	2,606	4,574	7,180
200-249	176	642	1,006	677	353	199	17	2	—	1	1	—	—	—	—	—	—	—	2,969	2,492	5,461
250-299	152	566	865	672	384	286	34	9	1	—	—	—	—	—	—	—	—	—	5,163	3,165	8,328
300-399	155	713	1,311	1,139	763	816	216	44	5	1	—	—	—	—	—	—	—	—	5,045	2,221	7,266
400-499	125	569	1,141	1,055	722	932	373	108	16	3	1	—	—	—	—	—	—	—	9,155	3,007	12,162
500-749	171	693	1,624	1,752	1,338	1,784	1,059	461	184	62	16	7	2	2	—	—	1	—	6,146	1,616	7,762
750-999	74	280	817	990	837	1,230	877	519	304	129	54	20	7	9	2	—	—	—	11,671	2,953	14,624
1,000-1,999	147	341	929	1,374	1,465	2,475	1,673	1,083	783	509	340	231	151	159	266	56	5	—	4,290	1,206	5,496
2,000-2,999	49	93	195	324	350	820	731	447	331	231	159	131	102	166	111	84	49	—	2,960	1,059	4,019
3,000-4,999	25	45	102	131	159	411	448	421	290	230	149	129	76	21	68	56	1	1,776	943	2,719	
5,000-9,999	25	30	35	53	70	165	239	197	214	176	119	90	63	175	47	40	2	1,205	664	1,869	
10,000-19,999	10	13	13	21	31	53	114	140	133	137	109	82	72	188	47	82	83	2	1,047	523	1,570
20,000-49,999	5	4	10	4	9	36	32	54	94	109	102	104	83	234	82	83	11	615	695	1,310	
50,000 and over	—	4	3	9	8	13	19	25	22	36	36	32	48	150	105	94	—	—	—	—	
Total number of establishments	2,645	7,216	10,623	9,135	6,740	9,302	5,837	3,511	2,377	1,623	1,086	827	604	1,392	451	330	16	63,716	65,825	129,540	

(a) Establishments engaged in beekeeping and possessing no land.

NOTE: In addition to the above statistics, the Australian Bureau of Statistics can provide similar statistics for major commodities aggregated to small areas. These additional services are subject to a charge.

PIGS

TABLE 15. PIG NUMBERS AT 31 MARCH, 1988 TO 1990
(⁰⁰⁰)

	Australia			1990						
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	NT ACT
Boars	23	22	21	7	3	5	3	3	—	—
Breeding sows	303	295	291	96	48	65	46	30	5	—
Gilts intended for breeding	46	44	40	13	7	9	5	6	1	—
Other pigs (incl. suckers, weaners, growers, etc.)	2,333	2,310	2,295	749	370	521	383	234	36	2
Total pigs	2,706	2,671	2,648	865	428	600	437	272	42	2

TABLE 16. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY REPORTING
PIGS AT 31 MARCH, 1988 TO 1990

	Australia			1990						
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	NT ACT
Boars	6,531	5,900	5,493	1,710	717	1,230	956	745	130	5
Breeding sows	6,969	6,328	5,820	1,835	752	1,292	1,005	791	138	7
Gilts intended for breeding	3,199	2,882	2,792	794	386	667	505	382	57	1
Other pigs (incl. suckers, weaners, growers, etc.)	7,733	7,121	6,374	1,913	837	1,489	1,143	825	160	7
Total pigs	8,239	7,593	6,847	2,088	918	1,576	1,199	881	176	9

TABLE 17. NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY CLASSIFIED ACCORDING TO AREA OF ESTABLISHMENT AND SIZE OF PIG HERD, AUSTRALIA, AT 31 MARCH 1990

	Size of pig herd (numbers)														1,000- and over	Estab- lish- ments with pigs	Estab- lish- ments with no pigs	Total number of estab- lish- ments
	1-9	10-19	20-29	30-39	40-49	50-59	70-99	100- 149	150- 199	200- 299	300- 499	500- 699	700- 999					
New South Wales	315	239	147	128	121	162	151	164	108	137	174	72	62	108	2,088	35,452	37,540	
Victoria	183	71	58	44	37	47	42	71	48	71	80	47	38	81	918	32,388	33,306	
Queensland	285	147	91	78	60	123	71	91	85	112	152	76	79	126	1,576	25,043	26,619	
South Australia	147	85	89	65	47	78	96	114	75	126	99	63	43	72	1,199	13,437	14,636	
Western Australia	97	72	66	62	50	72	62	81	51	71	71	42	38	46	881	12,529	13,410	
Tasmania	37	28	11	11	8	10	9	17	9	11	5	7	5	8	176	3,523	3,699	
Area of establishments (hectares)																		
0(a)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	524	524	
>0- 4	3	2	1	3	—	4	—	5	5	8	4	6	7	9	57	2,788	2,845	
5- 9	9	2	5	4	2	3	1	2	3	7	12	3	6	5	64	2,988	3,052	
10- 19	20	5	3	5	3	4	4	15	11	10	20	7	9	21	137	4,674	4,811	
20- 29	13	3	4	8	1	7	1	9	5	7	9	10	14	19	110	3,049	3,159	
30- 49	32	26	9	15	8	19	17	14	13	26	39	16	19	37	290	5,695	5,985	
50- 74	68	23	18	16	23	17	11	17	12	16	30	17	13	27	308	6,377	6,685	
75- 99	57	17	21	17	9	14	15	20	12	15	23	16	12	20	268	5,655	5,923	
100- 124	47	24	19	10	5	18	8	19	18	19	15	22	13	22	259	5,193	5,452	
125- 149	43	25	7	19	15	20	12	19	14	13	15	11	16	15	244	4,539	4,783	
150- 199	66	40	26	17	20	37	27	22	18	31	25	12	13	21	375	6,805	7,180	
200- 249	67	40	24	15	22	33	20	31	13	28	25	11	13	17	359	6,202	6,561	
250- 299	50	36	24	12	14	25	22	33	25	32	26	11	11	26	347	5,114	5,461	
300- 399	66	45	39	33	18	42	37	44	29	44	40	23	11	33	504	7,824	8,328	
400- 499	67	43	32	23	26	27	31	47	36	42	56	16	18	17	481	6,785	7,266	
500- 749	116	84	49	42	49	59	71	77	55	58	65	24	16	42	807	11,351	12,158	
750- 999	66	57	32	34	18	48	39	55	25	45	53	28	14	20	534	7,227	7,761	
1,000- 1,999	142	98	86	70	58	69	68	64	51	77	83	46	35	42	989	13,637	14,626	
2,000- 2,999	51	28	27	27	22	21	23	20	16	26	22	10	14	20	327	5,169	5,496	
3,000- 4,999	28	18	20	10	7	13	16	13	8	13	13	16	10	12	197	3,820	4,017	
5,000- 9,999	16	14	13	6	2	10	6	11	4	7	5	2	1	13	110	2,609	2,719	
10,000-19,999	11	4	2	1	1	2	—	—	3	3	1	—	—	4	32	1,837	1,869	
20,000-49,999	18	6	1	1	—	—	—	1	1	—	1	—	—	—	29	1,541	1,570	
50,000 and over	12	4	1	1	—	—	—	1	—	—	—	—	—	—	19	1,290	1,309	
Total number of establishments	1,068	644	463	389	323	492	431	538	376	528	581	307	265	442	6,847	122,693	129,540	

(a) Establishments engaged in beekeeping and possessing no land.

NOTE: In addition to the above statistics, the Australian Bureau of Statistics can provide similar statistics for major commodities aggregated to small areas. These additional services are subject to a charge.

POULTRY

TABLE 18. POULTRY NUMBERS AT 31 MARCH, 1988 TO 1990
(^{'000})

	Australia			1990							
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Chickens											
For egg production	13,463	13,193	13,084	4,641	3,209	2,608	869	1,105	325	105	222
For meat production	47,988	39,709	43,906	18,778	7,843	8,873	4,054	3,887	369	102	—
Total	61,451	52,902	56,990	23,419	11,053	11,480	4,924	4,991	694	207	222
Breeding stock (a)	2,750	3,247	2,966	2,560	—	—	—	406	—	—	—
Total Chickens	64,201	56,149	59,956	25,978	11,053	11,480	4,924	5,398	694	207	222
Ducks	663	263	276	145	126	1	1	3	—	—	—
Turkeys	1,585	1,125	1,240	1,077	131	1	16	13	2	—	—
Other poultry	365	420	449	258	141	29	10	8	2	—	—
Total all poultry	66,813	57,957	61,920	27,458	11,450	11,511	4,950	5,422	699	207	222

(a) Only collected in NSW and WA

BEEKEEPING

TABLE 19. BEEKEEPING, SUMMARY STATISTICS, YEARS ENDED 30 JUNE, 1988 TO 1990

	Unit	Australia			1990							
		1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Beekeepers	number	770	836	819	333	131	155	120	66	14	—	—
Beehives —												
Productive(a)	'000	285	307	298	113	49	58	41	27	9	—	—
Unproductive	'000	82	98	107	49	8	35	8	7	2	—	—
Total	'000	366	405	405	162	57	92	50	34	11	—	—
Honey produced —												
Quantity	tonnes	23,026	22,619	21,198	7,680	3,127	4,159	3,121	2,365	748	—	—
Average production per												
productive beehive	kg	80.9	73.8	71.2	67.8	63.3	72.3	75.3	87.6	84	—	—
Beeswax produced	tonnes	428	530	412	142	58	96	63	41	12	—	—

(a) Beehives from which honey was taken.

TABLE 20. PRODUCTION OF HONEY CLASSIFIED ACCORDING TO TOTAL NUMBER OF BEEHIVES,
YEARS ENDED 30 JUNE, 1988 TO 1990
(tonnes)

Number of beehives kept	Australia			1990						
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	
>0-319	1,067	1,690	1,359	489	267	246	99	227	31	
320-349	267	375	303	63	76	79	—	85	—	
350-399	873	682	879	216	44	212	131	202	75	
400-499	2,883	2,853	2,421	621	429	429	435	507	—	
500-599	2,443	2,086	2,413	791	479	356	501	286	—	
600-799	4,981	4,341	4,102	1,502	743	788	567	481	20	
800 and over	10,513	10,591	9,719	3,997	1,088	2,047	1,387	577	622	
Total	23,026	22,619	21,198	7,680	3,127	4,159	3,121	2,365	748	

TABLE 21. PRODUCTION OF BEESWAX CLASSIFIED ACCORDING TO TOTAL NUMBER OF BEEHIVES,
YEARS ENDED 30 JUNE, 1988 TO 1990
(tonnes)

Number of beehives kept	Australia			1990						
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	
>0-319	19.2	30.2	30.5	14.5	5.1	4.7	2.1	3.5	0.5	
320-349	4.1	5.9	5.0	1.1	1.2	1.8	—	0.9	—	
350-399	18.1	13.9	16.9	5.8	0.4	3.5	1.9	3.7	1.7	
400-499	53.4	51.8	44.0	12.0	7.0	7.1	8.3	9.6	—	
500-599	40.8	43.6	39.3	11.5	7.1	5.4	10.0	5.3	—	
600-799	101.3	107.2	107.4	24.7	19.7	35.6	19.8	7.4	0.2	
800 and over	190.7	277.7	168.0	72.6	16.7	38.3	20.7	10.5	9.2	
Total	427.5	530.2	411.5	142.2	57.5	96.4	62.8	41.0	11.5	

OTHER LIVESTOCK

TABLE 22. NUMBER OF DEER, GOATS, HORSES AND OTHER LIVESTOCK AT 31 MARCH, 1988 TO 1990 ('000)

	Australia			1990							
	1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT
Deer	33.4	44.9	59.0	15.2	14.7	9.5	6.6	5.1	7.9	—	—
Goats—											
Fibre	589.0	564.0	477.3	247.4	65.8	54.1	29.9	57.6	22.2	0.2	0.2
Milk	5.8	6.8	6.9	2.0	1.0	1.3	0.4	0.4	1.7	—	—
Other	85.1	109.7	78.0	64.7	2.7	4.4	1.3	1.1	1.2	2.4	0.2
Total	680.0	684.4	560.4	314.0	69.5	59.8	31.5	59.1	25.1	0.9	0.4
Horses(a)—											
Stud	88.6	94.9	93.4	38.6	20.5	19.1	5.7	6.5	2.0	0.8	0.1
Other	246.0	221.7	217.1	54.4	20.2	106.9	8.0	14.0	2.3	10.9	0.3
Total	334.6	316.6	310.4	93.0	40.7	126.0	13.8	20.6	4.3	11.7	0.4
Other livestock(b)	17.4	16.0	22.1	2.2	0.4	0.5	0.9	4.0	—	14.1	—

(a) Comprises horses on establishments with agricultural activity. (b) Includes camels, donkeys, mules and domesticated buffaloes (in Northern Territory).

TABLE 23. ESTIMATED SHEARING AND WOOL PRODUCTION, YEARS ENDED 30 JUNE, 1988 TO 1990(a)

	Unit	Australia(b)			1990					
		1988	1989	1990	NSW	Vic.	Qld	SA	WA	Tas.
Sheep—										
Number shorn	'000	149,481	158,256	175,929	65,700	33,968	16,290	17,969	36,479	5,411
Wool produced (incl. crutchings)	tonnes	780,212	834,194	959,149	347,552	175,013	82,250	114,999	214,839	23,944
Average cut per head	kg	5.22	5.27	5.45	5.29	5.15	5.05	6.40	5.89	4.42
Lambs—										
Number shorn	'000	36,791	37,224	39,298	11,700	8,314	2,710	5,262	10,116	1,175
Wool produced	tonnes	62,835	66,559	70,265	23,049	13,189	5,340	10,262	16,894	1,504
Average cut per head	kg	1.71	1.79	1.79	1.97	1.59	1.97	1.95	1.67	1.28
Total sheep and lambs—										
Number shorn	'000	186,273	195,481	215,227	77,400	42,282	19,000	23,231	46,595	6,586
Wool produced	tonnes	843,047	900,754	1,029,413	370,601	188,203	87,590	125,261	231,732	25,448
Average cut per head	kg	4.53	4.61	4.78	4.79	4.45	4.61	5.39	4.97	3.86
Shorn wool	tonnes	843,047	900,754	1,029,413	370,601	188,203	87,590	125,261	231,732	25,448
Other wool(c)	tonnes	73,391	59,930	70,271	23,142	27,974	2,897	9,000	4,348	1,617
Total wool	tonnes	916,438	960,684	1,099,684	393,743	216,176	90,487	134,261	236,080	27,065

(a) For an explanation of the sources and scope of this table, refer to Explanatory Notes 9 and 10 in the back of this publication. (b) Includes ACT. (c) Comprises dead and fellmongered wool and wool exported on skins.

EXPLANATORY NOTES

This publication contains detailed livestock statistics for Australia and the States and Territories relating to the year ended 31 March 1990 together with comparative data for the previous two years. Livestock products summary statistics for 1989-90 and previous years are also included.

Scope and coverage

Livestock numbers

2. Tables 3, 8, 11, 15, 18, and 22 show details of livestock numbers; Tables 5, 10 and 12 provide information about related livestock items; and Tables 4, 6, 7, 9, 14, 16 and 17 relate to the establishments engaged in these industries. These statistics are derived from the annual Agricultural Census conducted throughout Australia at 31 March, which collects data from establishments with agricultural activity.

3. The ABS excludes from the Census those establishments which make only a small contribution to overall agricultural production. From 1986-87 the scope of the Census is establishments undertaking agricultural activity having an Estimated Value of Agricultural Operations (EVAO) of \$20,000 or more.

4. The scope of Censuses prior to 1986-87 was establishments undertaking agricultural activity having an EVAO of \$2,500 or more. Time series graphs in this publication show the break in series.

5. In addition to the Census, some basic data has been previously collected for a limited range of commodities from those establishments having an EVAO of between \$5,000 and \$19,999. These data can be used together with Census data to derive estimates of totals for selected commodities for all establishments having an EVAO greater than \$5,000. This information is available by contacting the ABS.

6. The statistics on slaughterings and meat production (Table 2) are based on a monthly collection 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 slaughterings for human consumption and do not include animals condemned or those killed for boiling down. Also, definitions of livestock categories may differ between States and within States, particularly with regard to calves. More detailed information is published monthly in *Livestock Products, Australia* (7215.0), and for regions, in *Livestock Products — Meat, Queensland* (7204.3). *Livestock Slaughtered and Meat Produced in Statistical Divisions, New South Wales* (7203.1) is published annually.

Wool

7. Table 13 contains statistics on shearing and wool production. As with livestock numbers, shearing and wool production statistics are derived from the annual Agricultural Census conducted at 31 March.

8. Wool receipts statistics in Table 2 show the amount of taxable wool received by brokers and dealers from wool producers. It excludes wool received by brokers on which wool tax has already been paid by other dealers (private buyers) or brokers. The information shown is on the basis of the State in which the wool has actually been received and does not necessarily reflect the production of wool in that State. This data is published monthly in *Livestock Products, Australia* (7215.0).

9. The estimates contained in Table 23 are derived from these major sources:

- (i) A monthly collection of National Council of Wool Selling Brokers of Australia in each State and incorporated in this publication with reference to the twelve months to 30 June.
 - (ii) A monthly ABS collection of other wool brokers and dealers in each State, also incorporated with reference to the twelve months to 30 June.
 - (iii) Estimates from the Agricultural Census undertaken with reference to the twelve months prior to 31 March.
 - (iv) Deliberations of the Australian and State wool production forecasting committees, comprising Australian Wool Corporation, Australian Bureau of Agricultural and Resource Economics, National Council of Wool Selling Brokers of Australia, Private Treaty Wool Merchants Association, Wool Council of Australia and the ABS.
10. (a) The National Council of Wool Selling Brokers of Australia collates data from member brokers and other brokers associated with the Council. The data are compiled in terms of bales received into stores and converted to wool receipts in tonnes.
- (b) ABS collection of other brokers and dealers is reported in tonnes, or converted to tonnes as required.

The combined results of these two collections are believed to account for the total volume of wool received from wool producers. This is in contrast with the Agricultural Census, the scope of which is all farms having an EVAO greater than or equal to \$20,000. Preliminary information on this series is available as a special service at the end of May. Later preliminary estimates are published in late July in *Shearing and Wool Production Forecast, Australia, Preliminary* (7210.0) and final estimates in *Sheep Numbers Shearing and Wool Production Forecast, Australia* (7211.0) in January.

Milk

11. These statistics have been collected by the Australian Dairy Corporation (ADC). More detailed information is published monthly in *Livestock Products, Australia* (7215.0).

Poultry

12. Poultry slaughtering statistics have been compiled from returns supplied by commercial poultry slaughtering establishments. Producers in the Northern Territory and the Australian Capital Territory and the many very small producers are excluded from the collection; however, the statistics represent a high level of coverage. The Queensland statistics are based on data collected by the Queensland Department of Primary Industries. More detailed information is available in *Livestock Products, Australia* (7215.0).

Beekeeping

13. Tables 19 to 21 contain statistics relating to the beekeeping industry. Beekeepers are included in this collection if they have a minimum estimated value of agricultural operations (EVAO) of \$20,000, whether for beekeeping alone or in conjunction with other agricultural activities.

General

14. Where appropriate, more detailed explanatory notes have been included elsewhere in this publication to assist users in the interpretation of the statistics.

15. Other final data from the 1989-90 Agricultural Census are published in *Summary of Crops, Australia, 1989-90* (7330.0).

Related publications

16. Users may also wish to refer to the following publications which are available from ABS bookshops:

Livestock Products, Australia (7215.0)—issued monthly

Sheep Numbers, Shearing and Wool Production Forecast, Australia, 1990-91 (7211.0)

Value of Agricultural Commodities Produced, Australia, 1988-89 (7503.0)

Agricultural Industries, Structure of Operating Units, Australia, 1989-90 (7102.0)

Shearing and Wool Production Forecast, Australia, 1990-91, Preliminary (7210.0)

Agricultural Industries Financial Statistics, Australia, 1988-89 (7507.0)

Apparent Consumption of Foodstuffs and Nutrients, Australia, 1987-88 (4306.0)

Apparent Consumption of Selected Foodstuffs, Australia, 1989-90, Preliminary (4315.0)

Other forms of release

17. The ABS also has more detailed agricultural statistics on magnetic tape, microfiche and floppy disk. Agstats on floppy disk offers a wider range of data aggregated at smaller geographic areas than those generally available in printed publications, together with an easy-to-use, menu-driven interrogation facility.

18. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. *Statistics Weekly* (1318.0), issued on Thursdays, describes highlights from publications released during the week. The Catalogue, Publications Advice and Statistics Weekly are available from any ABS office.

Unpublished statistics

19. As well as the statistics in this and related publications, the ABS has other unpublished data which may be available on request. Enquiries should be directed to Mark Patton on (06) 252 5341.

Symbols and other usages

— nil or rounded to zero

kg kilogram

t tonnes

n.p. not available for publication but included in totals where applicable unless otherwise indicated

20. The figures shown in this publication have been revised where necessary and as a consequence may not agree with similar data shown in previous publications.

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

22. Unless indicated otherwise, Australian totals include data for all States and both Territories.



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