



**Western Australia**



Catalogue No. 7221.5

# **Livestock and Livestock Products**

## **Western Australia Season 1992-93**



**Livestock and  
Livestock Products  
Western Australia  
Season 1992-93**

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Deputy Commonwealth Statistician  
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|                            |  |                                   |
|----------------------------|--|-----------------------------------|
| <b>PHONE INQUIRIES</b>     | Inquiries concerning these statistics may be made by telephoning Information Services Section on Perth (09) 360 5140; for advice on the interpretation of these statistics and the availability of related unpublished statistics, phone Peter Hodgson on (09) 360 5180. |                                   |
| <b>MAIL INQUIRIES</b>      | Write to Information Services, Australian Bureau of Statistics, Exchange Plaza, 2 The Esplanade Perth, WA 6000.  |                                   |
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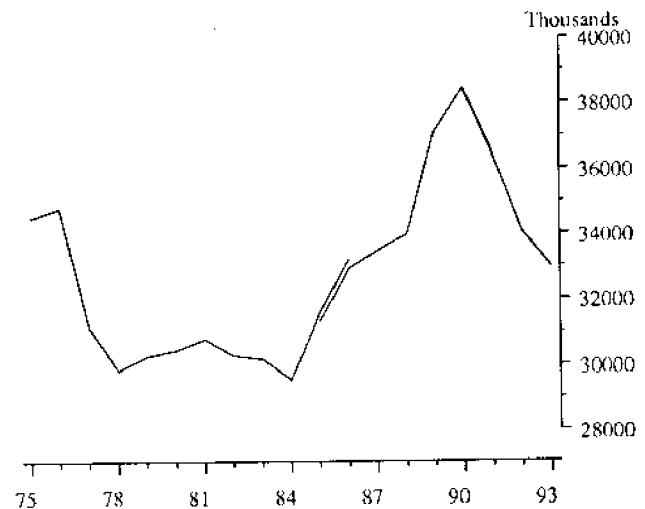
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## SUMMARY OF FINDINGS: SHEEP

Sheep and lamb numbers at 31 March 1993 were 32,964,783, a decrease of 3.2 per cent over 1992. This followed a 6.4 per cent decrease in the previous year. The State average lambing percentage increased from 69 to 75 per cent, reversing last years' decrease and returning to levels above the twenty year average which stands at 69 per cent. A 3.2 per cent decrease in intended ewe matings reported for the 1993-94 lambing season could result in slightly lower lamb production in the 1993-94 season.

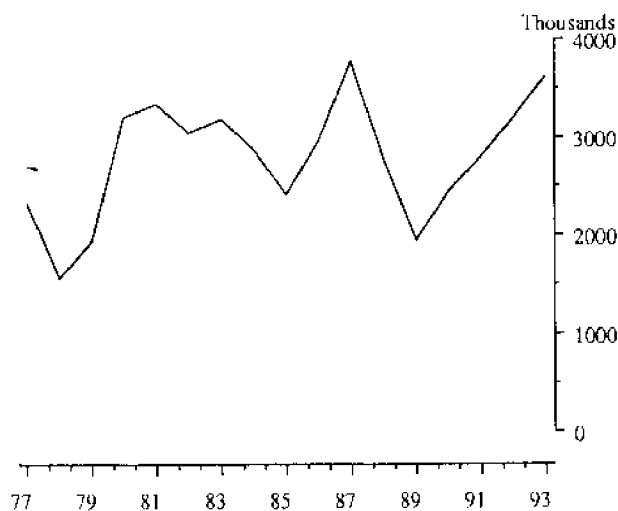
The gross value of wool continued to decline with a value of \$604,818,200 being recorded. This was only 56.6 per cent of the value in 1989, when a value of \$1,395,116,400 was recorded. Low wool prices have continued to result in increased slaughtering figures. In 1992-93 slaughtering of sheep increased 24.4 per cent over the previous year to 3,752,300 and the number of lambs slaughtered increased to 1,480,800. The gross value of sheep and lamb slaughterings and other disposals rose to \$147,207,900, an increase of 27.5 per cent and the highest amount since 1988. Overseas exports of live sheep were a significant contributor to this increase in gross values and continued to grow strongly, rising by 13.4 per cent over the 1992 value.

DIAGRAM 1  
SHEEP NUMBERS(a)  
AT 31 MARCH



(a) See explanatory notes 3 and 4

DIAGRAM 2  
LIVE SHEEP EXPORTS  
YEAR ENDED 30 JUNE



Despite the decrease in the value of wool produced, figures supplied by the National Council of Wool Selling Brokers indicated that the 1992-93 wool clip reached 205,540 tonnes, a 10.6 per cent increase from the previous year. Numbers of sheep and lambs shorn also increased to 43,490,000, a rise of 11.2 per cent over the 1991-92 figure despite the fall in total sheep and lamb numbers reported on the Agricultural Census. This could indicate second or intermediate shearings prior to disposal. The latest average wool clip, however, remained at around 4.6 kg per animal shorn.

The trend of increasing wool exports was continued for the second year with an increase of 26.3 per cent to 154,000 tonnes, the highest amount exported since 1988. As previously mentioned, live sheep exports rose for the fourth consecutive year to 3,620,300.

## SHIRE LEVEL AGRICULTURAL STATISTICS FOR MICROCOMPUTER AVAILABLE FOR 1982-83 TO 1992-93

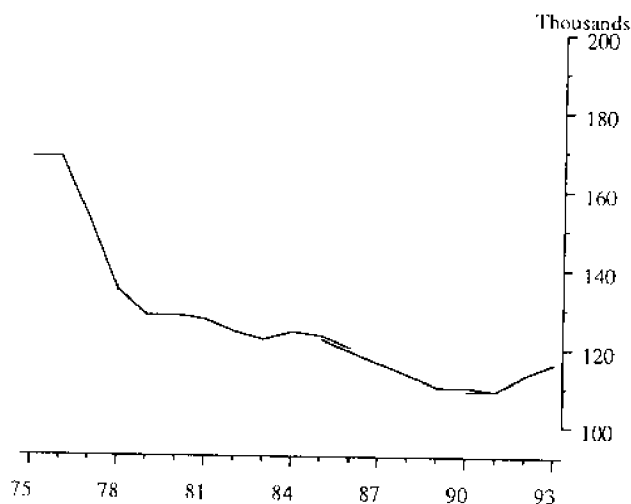
The ABS Agstats package gives you access to all the data collected in the Agricultural Census, for each individual area (shires, etc) in which farming activity was recorded. Data can be retrieved via a series of very easy to use menu panels. Interrogations can be displayed on screen, sent to the printer, or written to a variety of files, including ASCII comma delimited suitable for input to most contemporary software packages. Data from the 1982-83 to 1992-93 Agricultural Censuses are at present available in this format.

## SUMMARY OF FINDINGS: MILK CATTLE

At 31 March 1993 the milk cattle herd numbered 116,200 representing an increase of 3.0 per cent on the previous year.

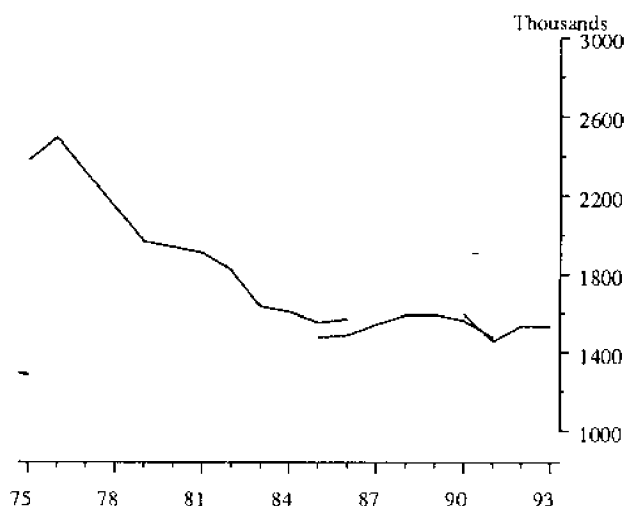
Milk production rose for the fourth successive year in 1992-93 to 324 million litres, a 7.3 per cent increase over the previous year. Since 1989 there has been a 32.2 per cent rise in production of milk but only a 5.8 per cent increase in milk cattle numbers.

DIAGRAM 3  
MILK CATTLE NUMBERS(a)  
AT 31 MARCH



(a) See explanatory notes 3 and 4

DIAGRAM 4  
MEAT CATTLE NUMBERS(a)  
AT 31 MARCH



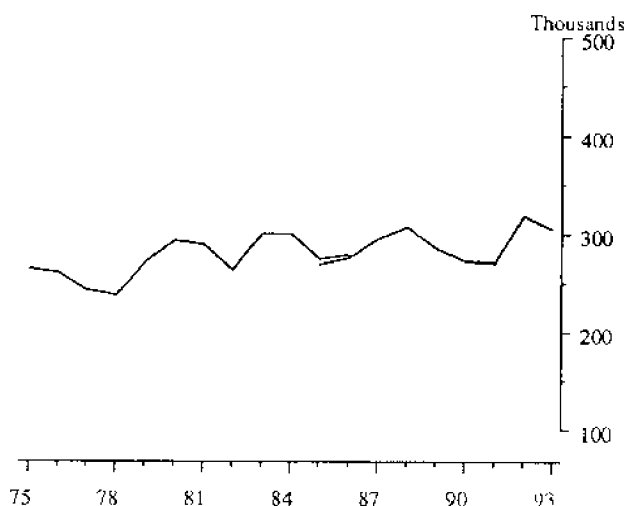
(a) See explanatory notes 3 and 4

## SUMMARY OF FINDINGS: MEAT CATTLE

Meat cattle numbers fell slightly during 1992-93. The March 1993 meat cattle count of 1,531,954 was 0.3 per cent less than in March 1992. After reaching a peak of approximately 2.5 million head in 1976, meat cattle numbers declined by 35 per cent over the ensuing nine years but since 1985 have been fairly stable at about 1.5 million.

Slaughterings in the year ended 30 June 1993 rose 6.7 per cent to 452.3 thousand. This reversed the trend of decreasing slaughterings since a record of 494.6 thousand cattle were slaughtered in 1990. However there was a 36.1 per cent decrease in the number of calves slaughtered. The value of cattle and calves slaughtered increased by 3.9 per cent to \$186,664.5 thousand, the highest since 1990.

DIAGRAM 5  
PIG NUMBERS(a)  
AT 31 MARCH



(a) See explanatory notes 3 and 4

## SUMMARY OF FINDINGS: PIGS

Pig numbers at 31 March 1993 decreased by 4 per cent over the previous year's figure. Pig numbers fell from 317.8 thousand to 305.2 thousand.

Slaughterings rose for the third successive year with 567.6 thousand pigs being slaughtered. This was a 7.9 per cent increase compared to 1992 however the gross value of pig slaughtering rose by only a 2.9 per cent due to lower market prices. The number of pig herds fell to 933, a decrease of 3.7 per cent compared to the 969 of the previous year.

TABLE 1 - LIVESTOCK NUMBERS AT 31 MARCH

| Item            |      | 1989<br>(a) | 1990<br>(a) | 1991<br>(a) | 1991<br>(b) | 1992<br>(b) | 1993<br>(b) |
|-----------------|------|-------------|-------------|-------------|-------------|-------------|-------------|
| Meat cattle     | '000 | 1,590.7     | 1,561.9     | 1,475.0     | 1,457.3     | 1,536.3     | 1,532.0     |
| Milk cattle (c) | "    | 109.8       | 110.2       | 108.8       | 108.7       | 112.8       | 116.2       |
| Sheep           | "    | 37,090.1    | 38,422.1    | 36,465.3    | 36,390.0    | 34,060.5    | 32,964.8    |
| Pigs            | "    | 284.8       | 272.5       | 270.7       | 270.4       | 317.8       | 305.3       |
| Poultry         | "    | 5,275.4     | 5,422.5     | 5,370.0     | 5,365.6     | 5,140.8     | 6,496.7     |

(a) Excludes establishments with estimated value of agricultural operations less than \$20,000 - see explanatory notes 2 and 3. (b) Excludes establishments with estimated value of agricultural operations less than \$22,500 - see explanatory notes 2 and 3. (c) Excludes house cows.

TABLE 2 - LIVESTOCK PRODUCTS SUMMARY, YEAR ENDED 30 JUNE

| Item  |                | 1988             | 1989             | 1990             | 1991             | 1992             | 1993             |
|---|----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Livestock slaughtered for human consumption—                |                |                  |                  |                  |                  |                  |                  |
| Cattle  | '000           | 481.7            | 446.8            | 494.6            | 440.4            | 423.8            | 452.3            |
| Calves  | "              | 12.7             | 11.4             | 11.8             | 8.9              | 7.2              | 4.6              |
| Sheep   | "              | 3,167.4          | 2,347.8          | 3,814.6          | 4,187.7          | 3,016.7          | 3,752.3          |
| Lambs   | "              | 1,141.5          | 997.6            | 1,469.5          | 1,581.7          | 1,238.3          | 1,480.8          |
| Pigs  | "              | 507.6            | 502.9            | 460.9            | 466.1            | 526.2            | 567.6            |
| Poultry (a)   | "              | 28,197.4         | 27,462.7         | 29,680.4         | 28,177.6         | 29,860.4         | 31,314.1         |
| Gross value of livestock slaughterings and other disposals— |                |                  |                  |                  |                  |                  |                  |
| Cattle and calves   | \$'000         | 176,002.7        | 190,017.5        | 225,013.3        | 180,309.4        | 179,628.1        | 186,664.5        |
| Sheep and lambs   | "              | 159,176.9        | 116,260.5        | 105,229.5        | 91,541.0         | 115,485.0        | 147,207.9        |
| Pigs  | "              | 51,694.1         | 62,923.6         | 63,292.8         | 58,870.0         | 61,922.8         | 64,148.9         |
| Poultry   | "              | 52,722.0         | 55,287.7         | 60,345.4         | 57,724.0         | 61,028.4         | 67,977.0         |
| Gross value of livestock products                           |                |                  |                  |                  |                  |                  |                  |
| Wool  | "              | 1,252,673.6      | 1,395,116.4      | 1,253,636.9      | 874,363.0        | 608,237.3        | 604,818.2        |
| Whole milk  | "              | 62,325.5         | 66,685.8         | 80,320.9         | 93,875.0         | 104,067.3        | 114,044.0        |
| Eggs  | "              | 26,873.7         | 29,650.9         | 32,689.9         | 30,590.9         | 30,304.6         | 30,369.9         |
| Honey and beeswax   | "              | 4,288.7          | 3,350.9          | 3,149.4          | 2,516.3          | 2,778.0          | 2,567.6          |
| Production of livestock products—                           |                |                  |                  |                  |                  |                  |                  |
| Wool - (b)  |                |                  |                  |                  |                  |                  |                  |
| Sheep and lambs shorn                                       | '000           | 40,582.7         | 42,778.9         | 46,582.9         | 43,165.8         | 39,107.2         | 43,490.0         |
| Shorn wool  | '000 kg        | 184,222.3        | 200,516.2        | 231,731.7        | 214,567.1        | 182,026.0        | 201,200.0        |
| Average weight of shorn wool                                | kg             | 4.54             | 4.69             | 4.97             | 4.97             | 4.65             | 4.63             |
| Other wool produced   | '000 kg        | 4,304.8          | 2,656.9          | 4,347.7          | 7,684.5          | 3,894.0          | 4,340.0          |
| <b>Total wool produced</b>                                  | <b>'000 kg</b> | <b>188,527.1</b> | <b>203,173.1</b> | <b>236,079.5</b> | <b>222,251.6</b> | <b>185,920.0</b> | <b>205,540.0</b> |
| Meat (c)—   |                |                  |                  |                  |                  |                  |                  |
| Beef and veal   | tonnes         | 101,522.5        | 94,312.2         | 106,542.4        | 95,637.0         | 91,804.1         | 100,499.2        |
| Mutton and lamb   | "              | 75,216.5         | 61,109.4         | 95,651.0         | 107,880.0        | 79,970.1         | 100,316.5        |
| Pigmeat   | "              | 29,392.9         | 29,228.2         | 26,882.7         | 26,992.7         | 30,966.8         | 33,562.3         |
| Poultry meat (a)  | "              | 34,449.4         | 33,622.6         | 36,950.3         | 35,299.4         | 37,525.9         | 39,420.9         |
| Eggs (d)  | '000 dozen     | 17,596.6         | 17,859.3         | 18,768.1         | 18,578.0         | 18,059.0         | 18,845.0         |
| Whole milk (e)  | mil. l.        | 251              | 245              | 266              | 283              | 302              | 324              |
| Overseas exports—   |                |                  |                  |                  |                  |                  |                  |
| Live sheep and lambs  | '000           | 2,770.8          | 1,937.8          | 2,441.1          | 2,795.9          | 3,192.8          | 3,620.3          |
| Wool (f)  | '000 t         | 162.4            | 153.5            | 123.8            | 100.4            | 121.9            | 154.0            |

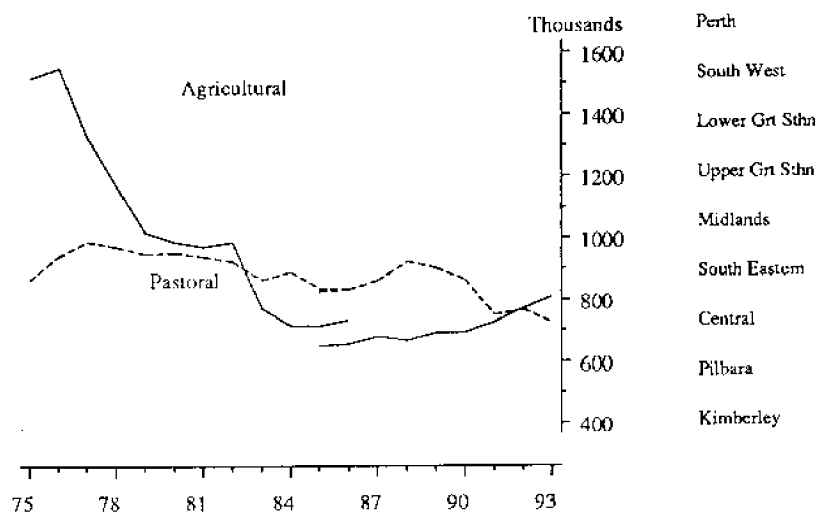
(a) Excludes geese and gamebirds. (b) See table 26 for more detailed data and information on sources. (c) Dressed carcass weight, excluding offal. (d) Source: Western Australian Egg Marketing Board. (e) Includes estimated equivalent of whole milk used in the production of butter, cheese, condensery and other products. Source: Australian Dairy Corporation. (f) Greasy and degreased wool.

## A - CATTLE

TABLE 3 - CATTLE NUMBERS (a)  
(\*000)

| Item   | At 31 March    |                |                |                |                |                |
|--|----------------|----------------|----------------|----------------|----------------|----------------|
|  | 1989<br>(b)    | 1990<br>(b)    | 1991<br>(b)    | 1991<br>(c)    | 1992<br>(c)    | 1993<br>(c)    |
| <b>Cattle</b>  |                |                |                |                |                |                |
| <b>Milk—</b>   |                |                |                |                |                |                |
| Bulls one year and over used or intended for service | 1.0            | 0.8            | (d)1.1         | 1.1            | 1.0            | 1.0            |
| Bull calves under one year intended for service      | 0.3            | 0.3            |                |                |                |                |
| Cows in milk and dry                                 | 63.3           | 64.0           | 65.3           | 65.3           | 68.1           | 69.8           |
| Heifers (one year and over)                          | 25.9           | 25.2           | (d)42.4        | 42.4           | 43.6           | 45.4           |
| Heifer calves (under one year)                       | 19.3           | 19.9           |                |                |                |                |
| <b>Total milk cattle</b>                             | <b>109.8</b>   | <b>110.2</b>   | <b>108.8</b>   | <b>108.7</b>   | <b>112.8</b>   | <b>116.2</b>   |
| <b>Meat—</b>   |                |                |                |                |                |                |
| Bulls one year and over used or intended for service | 43.0           | 41.1           | (d)49.4        | 48.8           | 47.1           | 44.4           |
| Bull calves under one year intended for service      | 11.8           | 12.1           |                |                |                |                |
| Cows and heifers (one to two years)                  | 224.2          | 198.6          | (d)756.5       | 747.7          | 781.7          | 844.4          |
| Cows and heifers (over two years)                    | 649.7          | 649.9          |                |                |                |                |
| Heifer calves (under one year)                       | 165.0          | 173.3          | (d)355.6       | 351.0          | 373.8          | 364.7          |
| Other calves (under one year)                        | 195.7          | 203.6          |                |                |                |                |
| Other (one year and over)                            | 301.4          | 283.3          | 313.6          | 309.8          | 333.8          | 278.4          |
| <b>Total meat cattle</b>                             | <b>1,590.7</b> | <b>1,561.9</b> | <b>1,475.0</b> | <b>1,457.3</b> | <b>1,536.3</b> | <b>1,532.0</b> |
| <b>Total all cattle</b>                              | <b>1,700.5</b> | <b>1,672.1</b> | <b>1,583.8</b> | <b>1,566.0</b> | <b>1,649.1</b> | <b>1,648.2</b> |

(a) Excludes house cows. (b) Excludes establishments with estimated value of agricultural operations less than \$20,000 - see explanatory notes 2 and 3. (c) Excludes establishments with estimated value of agricultural operations less than \$22,500 - see explanatory notes 2 and 3. (d) Not collected separately after 1990.

DIAGRAM 6  
MEAT CATTLE NUMBERS BY LOCATION(a)  
AT 31 MARCH

(a) See explanatory notes 2 and 3

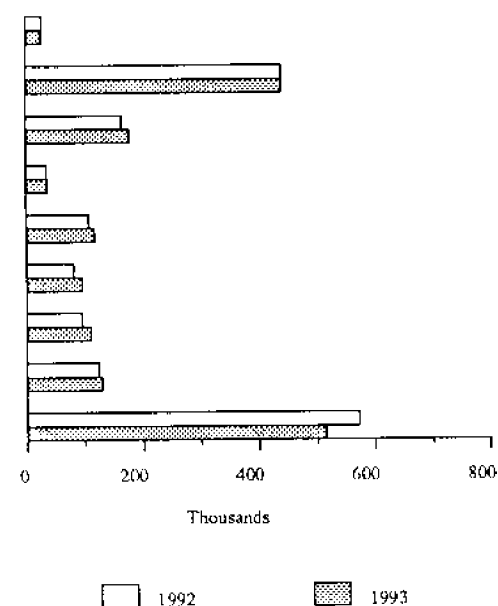
DIAGRAM 7  
CATTLE NUMBERS BY STATISTICAL DIVISION  
AT 31 MARCH

TABLE 4 - NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY CLASSIFIED ACCORDING TO AREA OF ESTABLISHMENT  
AND SIZE OF MEAT CATTLE HERD, AT 31 MARCH 1993

| Area of establishment<br>(hectares)   | Size of meat cattle herd (number) |                |                |                |                  |                  |                  |                  |                  |                  |                  |                      |                      |                      |                      |                       | Estab-<br>lishments<br>with no<br>meat<br>cattle | Estab-<br>lishments<br>with meat<br>cattle | Total<br>number<br>of estab-<br>lishments |
|---------------------------------------|-----------------------------------|----------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|--|--|---|
|                                       | 1<br>to<br>29                     | 30<br>to<br>49 | 50<br>to<br>69 | 70<br>to<br>99 | 100<br>to<br>149 | 150<br>to<br>199 | 200<br>to<br>299 | 300<br>to<br>399 | 400<br>to<br>499 | 500<br>to<br>699 | 700<br>to<br>999 | 1,000<br>to<br>1,499 | 1,500<br>to<br>1,999 | 2,000<br>to<br>4,999 | 5,000<br>to<br>9,999 | 10,000<br>and<br>over |  |  |   |
| 0                                     | —                                 | —              | —              | —              | —                | —                | —                | —                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | (a)37  | (a)37                                      | (a)37                                     |
| >0 - 4                                | 7                                 | —              | —              | —              | —                | —                | —                | —                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | 7  | 518  | 525                                       |
| 5 - 9                                 | 20                                | 1              | 1              | —              | —                | —                | —                | —                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | 22   | 328  | 350                                       |
| 10 - 19                               | 28                                | 3              | —              | —              | —                | —                | —                | —                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | 31   | 289  | 320                                       |
| 20 - 29                               | 14                                | 3              | —              | —              | —                | —                | —                | —                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | 19   | 154  | 173                                       |
| 30 - 49                               | 51                                | 19             | 4              | —              | —                | —                | —                | —                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | 85   | 180  | 265                                       |
| 50 - 74                               | 30                                | 22             | 29             | 12             | 5                | 2                | —                | —                | 2                | —                | —                | —                    | —                    | —                    | —                    | —                     | 102  | 115  | 217                                       |
| 75 - 99                               | 26                                | 8              | 12             | 18             | 23               | 10               | 2                | 1                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | 100  | 92   | 192                                       |
| 100 - 124                             | 19                                | 12             | 14             | 26             | 40               | 19               | 10               | 3                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | 143  | 68   | 211                                       |
| 125 - 149                             | 34                                | 13             | 14             | 13             | 35               | 25               | 13               | —                | —                | —                | —                | —                    | —                    | —                    | —                    | —                     | 147  | 56   | 203                                       |
| 150 - 199                             | —                                 | 38             | 25             | 20             | 21               | 54               | 45               | 45               | 4                | —                | —                | —                    | —                    | —                    | —                    | —                     | 252  | 109  | 361                                       |
| 200 - 249                             | 41                                | 24             | 21             | 30             | 47               | 41               | 57               | 26               | 4                | 2                | —                | —                    | —                    | —                    | —                    | —                     | 293  | 128  | 421                                       |
| 250 - 299                             | 17                                | 14             | 12             | 29             | 31               | 26               | 48               | 21               | 12               | 2                | —                | —                    | —                    | —                    | —                    | —                     | 212  | 108  | 320                                       |
| 300 - 399                             | 31                                | 31             | 15             | 32             | 38               | 57               | 75               | 49               | 21               | 18               | —                | 1                    | —                    | —                    | —                    | —                     | 368  | 179  | 547                                       |
| 400 - 499                             | 23                                | 22             | 12             | 19             | 32               | 27               | 41               | 25               | 21               | 16               | 4                | 2                    | —                    | —                    | —                    | —                     | 244  | 265  | 509                                       |
| 500 - 749                             | 56                                | 24             | 29             | 33             | 48               | 29               | 42               | 37               | 19               | 34               | 9                | 4                    | —                    | 1                    | —                    | —                     | 365  | 572  | 917                                       |
| 750 - 999                             | 49                                | 25             | 29             | 17             | 38               | 18               | 35               | 16               | 12               | 25               | 16               | 4                    | 1                    | 1                    | —                    | —                     | 286  | 662  | 948                                       |
| 1,000 - 1,999                         | 124                               | 76             | 67             | 59             | 89               | 39               | 66               | 39               | 20               | 29               | 32               | 16                   | 9                    | 1                    | —                    | —                     | 666  | 2,373                                      | 3,039                                     |
| 2,000 - 2,999                         | 58                                | 21             | 23             | 33             | 34               | 19               | 23               | 12               | 10               | 14               | 9                | 10                   | 3                    | 4                    | —                    | —                     | 273  | 1,251                                      | 1,524                                     |
| 3,000 - 4,999                         | 55                                | 20             | 9              | 17             | 14               | 17               | 14               | 11               | 6                | 11               | 11               | 6                    | 2                    | 5                    | 1                    | —                     | 199  | 905  | 1,104                                     |
| 5,000 - 9,999                         | 18                                | 9              | 8              | 6              | 13               | 4                | 8                | 4                | 5                | 4                | 1                | 6                    | 2                    | 6                    | 3                    | —                     | 97   | 344  | 441                                       |
| 10,000 - 19,999                       | 3                                 | —              | —              | 2              | 2                | 1                | 1                | 1                | 1                | 1                | 1                | 3                    | —                    | 1                    | 1                    | —                     | 17   | 40   | 57  |
| 20,000 - 49,999                       | —                                 | 1              | —              | —              | 1                | —                | —                | —                | 1                | —                | —                | —                    | —                    | —                    | —                    | —                     | 4  | 14   | 18  |
| 50,000 and over                       | 9                                 | 5              | 3              | 1              | 9                | 4                | 9                | 7                | 9                | 12               | 24               | 22                   | 21                   | 53                   | 22                   | 19                    | 229  | 180  | 409                                       |
| <b>Total number of establishments</b> | <b>751</b>                        | <b>378</b>     | <b>323</b>     | <b>373</b>     | <b>558</b>       | <b>382</b>       | <b>491</b>       | <b>256</b>       | <b>143</b>       | <b>168</b>       | <b>107</b>       | <b>74</b>            | <b>38</b>            | <b>73</b>            | <b>27</b>            | <b>19</b>             | <b>4,161</b>                                     | <b>8,967</b>                               | <b>13,128</b>                             |

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

**TABLE 5 – CATTLE KEPT FOR MEAT PRODUCTION AND TOTAL CATTLE  
NUMBER AT 31 MARCH 1993  
('000)**

| <i>Statistical division (a)</i> | <i>Cattle kept for meat production</i>                  |   |  |  | <i>Total</i>   | <i>Total<br/>cattle for<br/>all purposes</i> |
|---------------------------------|---|---|--|--|----------------|--|
|                                 | <i>Beef<br/>breed<br/>bulls<br/>and bull<br/>calves</i> | <i>Cows and<br/>heifers<br/>(one year<br/>and over)</i> | <i>Other<br/>calves<br/>(under<br/>one year)</i> | <i>Other (b)<br/>(one year<br/>and over)</i> |                |  |
| Perth                           | 0.9   | 11.2  | 5.1  | 3.4  | 20.6           | 26.0   |
| South-West                      | 7.0   | 162.0   | 85.2   | 79.1   | 333.3          | 439.1  |
| Lower Great Southern            | 5.0   | 105.8   | 46.6   | 16.8   | 174.2          | 178.5  |
| Upper Great Southern            | 1.4   | 22.6  | 9.1  | 3.6  | 36.7           | 36.8   |
| Midlands                        | 3.4   | 65.8  | 26.3   | 21.9   | 117.3          | 117.5  |
| South-Eastern                   | 2.9   | 58.1  | 25.0   | 9.6  | 95.6           | 95.7   |
| Central                         | 2.4   | 63.6  | 27.8   | 16.1   | 110.0          | 110.0  |
| Pilbara                         | 3.3   | 73.5  | 32.6   | 19.6   | 129.0          | 129.0  |
| Kimberley                       | 18.1  | 281.7   | 107.0  | 108.5  | 515.3          | 515.6  |
| <b>Western Australia</b>        | <b>44.4</b>   | <b>844.4</b>  | <b>364.7</b>                                     | <b>278.5</b>                                 | <b>1,532.0</b> | <b>1,648.2</b>                               |

(a) See explanatory note 6. (b) Including spayed cows, steers, bullocks etc.

**TABLE 6 – CATTLE FOR MEAT PRODUCTION, CLASSIFIED ACCORDING TO SIZE AND LOCATION OF HERD,  
AT 31 MARCH 1993**

| <i>Size of herd<br/>(numbers)</i> | <i>In agricultural areas (a)<br/>Number of -</i> |                          | <i>In pastoral areas (a)<br/>Number of -</i> |                          | <i>Whole State<br/>Number of -</i> |                          |
|-----------------------------------|--|--------------------------|--|--------------------------|------------------------------------|--------------------------|
|                                   | <i>Herds</i>                                     | <i>Cattle<br/>('000)</i> | <i>Herds</i>                                 | <i>Cattle<br/>('000)</i> | <i>Herds</i>                       | <i>Cattle<br/>('000)</i> |
| 1 - 29                            | 738  | 9.9                      | 13   | 0.2                      | 751                                | 10.1                     |
| 30 - 49                           | 371  | 14.5                     | 7  | 0.2                      | 378                                | 14.7                     |
| 50 - 69                           | 321  | 18.9                     | 2  | 0.1                      | 323                                | 19.1                     |
| 70 - 99                           | 371  | 30.8                     | 2  | 0.2                      | 373                                | 30.9                     |
| 100 - 149                         | 548  | 66.9                     | 10   | 1.2                      | 558                                | 68.1                     |
| 150 - 199                         | 378  | 65.5                     | 4  | 0.7                      | 382                                | 66.2                     |
| 200 - 299                         | 479  | 116.3                    | 12   | 2.7                      | 491                                | 119.0                    |
| 300 - 399                         | 249  | 84.1                     | 7  | 2.6                      | 256                                | 86.7                     |
| 400 - 499                         | 132  | 59.0                     | 11   | 4.9                      | 143                                | 63.9                     |
| 500 - 699                         | 155  | 89.8                     | 13   | 7.5                      | 168                                | 97.3                     |
| 700 - 999                         | 83   | 68.3                     | 24   | 19.9                     | 107                                | 88.3                     |
| 1,000 - 1,499                     | 53   | 62.5                     | 21   | 26.4                     | 74                                 | 88.9                     |
| 1,500 - 1,999                     | 17   | 28.0                     | 21   | 36.6                     | 38                                 | 64.6                     |
| 2,000 - 4,999                     | 19   | 53.3                     | 54   | 163.0                    | 73                                 | 216.3                    |
| 5,000 - 9,999                     | 5  | 29.4                     | 22   | 167.0                    | 27                                 | 196.4                    |
| 10,000 and over                   | 1  | 10.6                     | 18   | 290.9                    | 19                                 | 301.5                    |
| <b>Total</b>                      | <b>3,920</b>                                     | <b>807.9</b>             | <b>241</b>                                   | <b>724.1</b>             | <b>4,161</b>                       | <b>1,532.0</b>           |

(a) See explanatory note 7.

**TABLE 7 – CATTLE KEPT FOR MILK PRODUCTION (a)  
NUMBER AT 31 MARCH 1993**

| <i>Statistical division (b)</i> | <i>Dairy bulls<br/>and<br/>bull<br/>calves</i> | <i>Cows<br/>(in milk<br/>and dry)</i> | <i>Heifers<br/>and<br/>heifer<br/>calves</i> | <i>Total</i>   |
|---------------------------------|--|---------------------------------------|--|----------------|
| Perth                           | 44   | 3,693                                 | 1,744  | 5,481          |
| South-West                      | 934  | 62,867                                | 41,943                                       | 105,744        |
| Lower Great Southern            | 38   | 2,816                                 | 1,450  | 4,304          |
| Upper Great Southern            | 6  | 106                                   | 38   | 150            |
| Midlands                        | 13   | 119                                   | 44   | 176            |
| South-Eastern                   | 3  | 21                                    | 63   | 87             |
| Central                         | 1  | 11                                    | 1  | 13             |
| Pilbara                         | —  | —                                     | —  | —              |
| Kimberley                       | 5  | 210                                   | 70   | 285            |
| <b>Western Australia</b>        | <b>1,044</b>                                   | <b>69,843</b>                         | <b>45,353</b>                                | <b>116,240</b> |

(a) Excludes house cows. (b) See explanatory note 6.

**TABLE 8 – CATTLE FOR MILK PRODUCTION (a)  
CLASSIFIED ACCORDING TO SIZE OF HERD,  
AT 31 MARCH 1993**

| <i>Size of herd<br/>(numbers)</i> | <i>Number of<br/>herds</i> | <i>Total<br/>cattle<br/>( '000)</i> |
|-----------------------------------|----------------------------|-------------------------------------|
| 1 — 99                            | 178                        | 4.6                                 |
| 100 — 149                         | 91                         | 11.3                                |
| 150 — 199                         | 100                        | 17.3                                |
| 200 — 224                         | 56                         | 11.9                                |
| 225 — 249                         | 40                         | 9.4                                 |
| 250 — 274                         | 39                         | 10.1                                |
| 275 — 299                         | 24                         | 6.9                                 |
| 300 — 324                         | 27                         | 8.4                                 |
| 325 — 349                         | 20                         | 6.8                                 |
| 350 — 374                         | 14                         | 5.0                                 |
| 375 — 399                         | 5                          | 1.9                                 |
| 400 and over                      | 41                         | 22.6                                |
| <b>Total</b>                      | <b>635</b>                 | <b>116.2</b>                        |

(a) Excludes house cows.

TABLE 9 — NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY CLASSIFIED ACCORDING TO AREA OF ESTABLISHMENT AND SIZE OF MILK CATTLE HERD (a)  
AT 31 MARCH 1993

| Area of<br>establishment<br>(hectares) | Size of milk cattle herd (number) |                |                |                |                |                |                |                |                |                |                  |                  |                  |                  |                  |                    |     | Estab-<br>lishments<br>with milk<br>cattle | Estab-<br>lishments<br>with no<br>milk<br>cattle | Total<br>number<br>of estab-<br>lishments |
|--|-----------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|--------------------|-----|--|--|---|
|  |                                   |                |                |                |                |                |                |                |                |                |                  |                  |                  |                  |                  |                    |     |  |  |   |
|  | 1<br>to<br>9                      | 10<br>to<br>19 | 20<br>to<br>29 | 30<br>to<br>39 | 40<br>to<br>49 | 50<br>to<br>59 | 60<br>to<br>69 | 70<br>to<br>79 | 80<br>to<br>89 | 90<br>to<br>99 | 100<br>to<br>124 | 125<br>to<br>149 | 150<br>to<br>174 | 175<br>to<br>199 | 200<br>to<br>249 | 250<br>and<br>over |     |  |  |   |
| 0                                      | —                                 | —              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | —   | (b)37                                      | (b)37  |   |
| >0 - 4                                 | 2                                 | —              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | —   | 2  | 523  | 525                                       |
| 5 - 9                                  | 3                                 | —              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | 3   | 347  | 350  |   |
| 10 - 19                                | 4                                 | —              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | 4   | 316  | 320  |   |
| 20 - 29                                | 1                                 | —              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | 1   | 172  | 173  |   |
| 30 - 49                                | —                                 | 4              | 2              | 1              | —              | —              | 1              | 1              | —              | —              | 1                | —                | —                | —                | —                | —                  | 10  | 255  | 265  |   |
| 50 - 74                                | —                                 | 1              | —              | —              | —              | —              | 1              | 1              | 2              | 3              | 3                | 1                | —                | —                | —                | —                  | 12  | 205  | 217  |   |
| 75 - 99                                | —                                 | 1              | —              | —              | —              | —              | 1              | 1              | 1              | 3              | 3                | 2                | 1                | —                | —                | —                  | 16  | 176  | 192  |   |
| 100 - 124                              | 3                                 | —              | 2              | —              | 1              | —              | 1              | 3              | 1              | —              | 7                | 5                | 3                | 2                | 2                | 1                  | 31  | 180  | 211  |   |
| 125 - 149                              | —                                 | —              | 2              | 1              | —              | —              | 1              | 1              | 1              | 2              | 6                | 10               | 5                | 5                | 3                | 2                  | 38  | 165  | 203  |   |
| 150 - 199                              | 2                                 | 1              | 1              | —              | —              | 1              | —              | 1              | —              | 1              | 7                | 10               | 14               | 7                | 16               | 6                  | 67  | 294  | 361  |   |
| 200 - 249                              | 4                                 | —              | 2              | 1              | —              | —              | 3              | 2              | —              | 2              | 6                | 11               | 11               | 13               | 27               | 19                 | 101 | 320  | 421  |   |
| 250 - 299                              | —                                 | 1              | 1              | 1              | —              | —              | —              | —              | —              | —              | 5                | 3                | 5                | 5                | 14               | 17                 | 52  | 268  | 320  |   |
| 300 - 399                              | 3                                 | 2              | 1              | —              | 1              | —              | —              | —              | 1              | —              | 2                | 2                | 6                | 9                | 18               | 51                 | 97  | 450  | 547  |   |
| 400 - 499                              | 6                                 | 1              | —              | 1              | —              | —              | —              | —              | 2              | —              | —                | 4                | 3                | 4                | 6                | 25                 | 52  | 457  | 509  |   |
| 500 - 749                              | 7                                 | 1              | 1              | —              | 2              | —              | —              | —              | —              | —              | 1                | 1                | 2                | 3                | 8                | 26                 | 52  | 885  | 937  |   |
| 750 - 999                              | 5                                 | 2              | 1              | —              | 1              | —              | —              | —              | —              | —              | 1                | 1                | 1                | —                | 1                | 15                 | 27  | 921  | 948  |   |
| 1,000 - 1,999                          | 28                                | 5              | 2              | —              | 2              | —              | —              | —              | 1              | —              | —                | —                | —                | —                | 1                | 8                  | 47  | 2,992                                      | 3,039  |   |
| 2,000 - 2,999                          | 9                                 | 1              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | 10  | 1,514                                      | 1,524  |   |
| 3,000 - 4,999                          | 6                                 | 1              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | 7   | 1,097                                      | 1,104  |   |
| 5,000 - 9,999                          | 2                                 | 2              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | 4   | 437  | 441  |   |
| 10,000 - 19,999                        | —                                 | —              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | —   | 57   | 57   |   |
| 20,000 - 49,999                        | —                                 | —              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | —   | 18   | 18   |   |
| 50,000 and over                        | 2                                 | —              | —              | —              | —              | —              | —              | —              | —              | —              | —                | —                | —                | —                | —                | —                  | 2   | 407  | 409  |   |
| Total number of establishments         | 87                                | 23             | 15             | 5              | 7              | 5              | 7              | 9              | 9              | 11             | 41               | 50               | 51               | 49               | 96               | 170                | 635 | 12,493                                     | 13,128   |   |

(a) Excluding house cows. (b) Establishments engaged in beekeeping and possessing no land.

## B — SHEEP

TABLE 10 — SHEEP NUMBERS  
(<sup>'000</sup>)

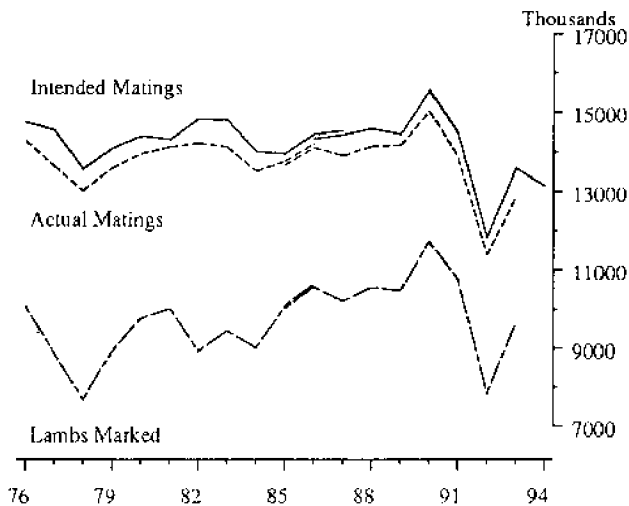
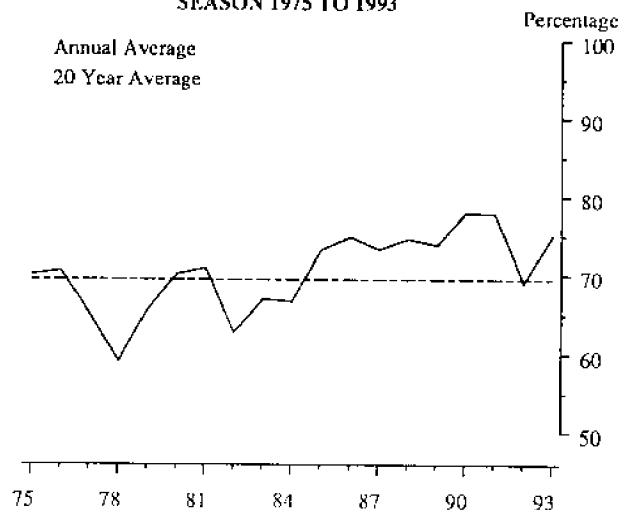
| Item                               | At 31 March     |                 |                 |                 |                 |                 |
|------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                    | 1989<br>(a)     | 1990<br>(a)     | 1991<br>(a)     | 1991<br>(b)     | 1992<br>(b)     | 1993<br>(b)     |
| Sheep—                             |                 |                 |                 |                 |                 |                 |
| Rams (one year and over)           | 426.3           | 418.7           | 383.0           | 382.0           | 359.4           | 349.6           |
| Breeding ewes (one year and over)  | 13,949.2        | 13,103.7        | (c) 13,649.6    | 13,623.9        | 14,376.0        | 13,837.9        |
| Maiden ewes (one year and over)    | 2,935.7         | 2,883.0         |                 |                 |                 |                 |
| Other ewes (one year and over)     | 1,397.8         | 1,911.7         |                 |                 |                 |                 |
| Wethers (one year and over)        | 9,722.7         | 10,549.8        | 11,229.3        | 11,199.9        | 10,882.3        | 9,760.7         |
| Lambs and hoggets (under one year) | 8,658.5         | 9,555.2         | 7,985.9         | 7,978.7         | 6,173.4         | 7,263.1         |
| <b>Total sheep</b>                 | <b>37,090.1</b> | <b>38,422.1</b> | <b>36,465.3</b> | <b>36,390.0</b> | <b>34,060.5</b> | <b>32,964.8</b> |

(a) Excludes establishments with estimated value of agricultural operations less than \$20,000 -- see explanatory notes 2 and 3. (b) Excludes establishments with estimated value of agricultural operations less than \$22,500 -- see explanatory notes 2 and 3. (c) Not collected separately after 1990.

TABLE 11 — LAMBING NUMBERS

| Item                                   | Year ended 31 March |             |             |             |             |             |
|--|---------------------|-------------|-------------|-------------|-------------|-------------|
|  | 1989<br>(a)         | 1990<br>(a) | 1991<br>(a) | 1991<br>(b) | 1992<br>(b) | 1993<br>(b) |
|  | ('000)              |             |             |             |             |             |
| Ewes mated or intended to be mated (c) | 14,447              | 15,547      | 14,479      | 14,452      | 11,822      | 13,572      |
| Ewes actually mated (c)                | 14,159              | 15,028      | 13,870      | 13,844      | 11,376      | 12,846      |
| Lambs marked                           | 10,453              | 11,719      | 10,780      | 10,761      | 7,839       | 9,652       |
|  | PER CENT            |             |             |             |             |             |
| Percentage of                          |                     |             |             |             |             |             |
| Lambs marked to actual matings         | 74                  | 78          | 78          | 78          | 69          | 75          |
| Actual matings to intended matings     | 98                  | 97          | 96          | 96          | 96          | 95          |

(a) Excludes establishments with estimated value of agricultural operations less than \$20,000 -- see explanatory notes 2 and 3. (b) Excludes establishments with estimated value of agricultural operations less than \$22,500 -- see explanatory notes 2 and 3. (c) Refers to mating for lambing during the year.

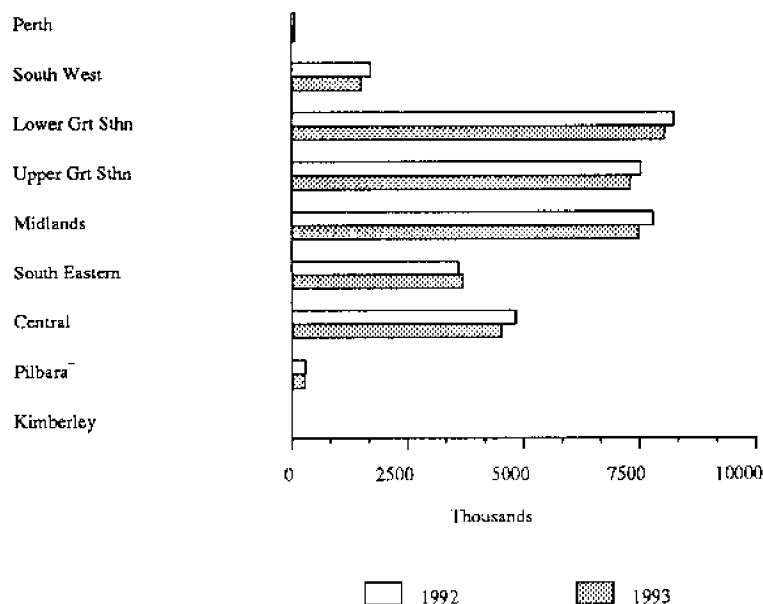
DIAGRAM 8  
LAMBING AND INTENDED MATINGS(a)  
SEASON 1976 TO 1994DIAGRAM 9  
LAMBING PERCENTAGE  
COMPARED WITH THE 20 YEAR AVERAGE(a)  
SEASON 1975 TO 1993

**TABLE 12 – SHEEP, NUMBER AT 31 MARCH 1993**  
(\*000)

| Statistical division (a) | Aged one year and over |                   |                |                |                          |                                       | Total           |
|--------------------------|------------------------|-------------------|----------------|----------------|--------------------------|---------------------------------------|-----------------|
|                          | Rams                   | Breeding ewes (b) | Other ewes     | Wethers        | Total, one year and over | Aged under one year-lambs and hoggets |                 |
| Perth                    | 1.0                    | 22.3              | 11.0           | 19.9           | 54.2                     | 15.5                                  | 69.7            |
| South-West               | 15.7                   | 609.5             | 99.3           | 505.0          | 1,229.5                  | 277.8                                 | 1,507.3         |
| Lower Great Southern     | 67.5                   | 3,016.6           | 415.6          | 2,899.4        | 6,399.2                  | 1,648.0                               | 8,047.2         |
| Upper Great Southern     | 73.8                   | 3,041.0           | 317.3          | 2,099.6        | 5,531.7                  | 1,780.8                               | 7,312.5         |
| Midlands                 | 91.7                   | 3,471.6           | 472.0          | 1,769.5        | 5,804.8                  | 1,693.5                               | 7,498.3         |
| South Eastern            | 39.0                   | 1,535.9           | 204.5          | 1,155.7        | 2,935.1                  | 770.5                                 | 3,705.6         |
| Central                  | 55.4                   | 2,006.5           | 216.4          | 1,229.0        | 3,507.3                  | 1,027.7                               | 4,535.1         |
| Pilbara                  | 5.6                    | 134.5             | 17.2           | 82.6           | 239.8                    | 49.3                                  | 289.1           |
| Kimberley                | —                      | —                 | —              | —              | —                        | —                                     | —               |
| <b>Western Australia</b> | <b>349.6</b>           | <b>13,837.9</b>   | <b>1,753.4</b> | <b>9,760.7</b> | <b>25,701.7</b>          | <b>7,263.1</b>                        | <b>32,964.8</b> |

(a) See explanatory note 6. (b) Includes maiden ewes intended for breeding.

**DIAGRAM 10**  
**SHEEP NUMBERS BY STATISTICAL DIVISION**  
**AT 31 MARCH**



**TABLE 13 – SHEEP FLOCKS, CLASSIFIED ACCORDING TO SIZE AND LOCATION OF FLOCK: AT 31 MARCH 1993**

| Size of flock (numbers) | In agricultural areas (a)<br>Number of - |                 | In pastoral areas (a)<br>Number of - |                | Whole State<br>Number of - |                 |
|-------------------------|--|-----------------|--------------------------------------|----------------|----------------------------|-----------------|
|                         | Flocks                                   | Sheep ('000)    | Flocks                               | Sheep ('000)   | Flocks                     | Sheep ('000)    |
| 1 — 99                  | 299                                      | 11.1            | 1                                    | —              | 300                        | 11.1            |
| 100 — 499               | 491                                      | 138.5           | 2                                    | 0.9            | 493                        | 139.4           |
| 500 — 999               | 693                                      | 522.3           | 2                                    | 1.3            | 695                        | 523.6           |
| 1,000 — 1,499           | 957                                      | 1,188.2         | 5                                    | 6.4            | 962                        | 1,194.7         |
| 1,500 — 1,999           | 1,006                                    | 1,752.3         | 6                                    | 10.9           | 1,012                      | 1,763.3         |
| 2,000 — 2,999           | 1,813                                    | 4,473.0         | 11                                   | 28.0           | 1,824                      | 4,501.0         |
| 3,000 — 3,999           | 1,250                                    | 4,325.6         | 16                                   | 55.3           | 1,266                      | 4,380.8         |
| 4,000 — 4,999           | 838                                      | 3,736.8         | 20                                   | 90.6           | 858                        | 3,827.4         |
| 5,000 — 5,999           | 556                                      | 3,029.5         | 19                                   | 104.1          | 575                        | 3,133.6         |
| 6,000 — 6,999           | 346                                      | 2,230.3         | 15                                   | 98.7           | 361                        | 2,328.9         |
| 7,000 — 7,999           | 214                                      | 1,596.9         | 15                                   | 112.9          | 229                        | 1,709.8         |
| 8,000 — 8,999           | 146                                      | 1,232.0         | 21                                   | 177.4          | 167                        | 1,409.4         |
| 9,000 — 9,999           | 105                                      | 992.0           | 20                                   | 188.2          | 125                        | 1,180.2         |
| 10,000 — 14,999         | 244                                      | 2,900.4         | 50                                   | 609.7          | 294                        | 3,510.0         |
| 15,000 — 19,999         | 69                                       | 1,181.4         | 20                                   | 341.4          | 89                         | 1,522.8         |
| 20,000 — 49,999         | 41                                       | 1,051.2         | 16                                   | 398.0          | 57                         | 1,449.1         |
| 50,000 and over         | 2  | 379.6           | —                                    | —              | 2                          | 379.6           |
| <b>Total</b>            | <b>9,070</b>                             | <b>30,741.1</b> | <b>239</b>                           | <b>2,223.7</b> | <b>9,309</b>               | <b>32,964.8</b> |

(a) See explanatory note 7.

TABLE 14 - NUMBER OF ESTABLISHMENTS WITH AGRICULTURAL ACTIVITY CLASSIFIED ACCORDING TO AREA OF ESTABLISHMENT  
AND SIZE OF SHEEP FLOCK, AT 31 MARCH 1993

| Area of establishment<br>(hectares)   | Size of sheep flock (number) |                  |                  |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                        |                        |                        |                       | Estab-<br>lishments<br>with no<br>sheep | Estab-<br>lishments<br>with sheep | Total<br>number<br>of estab-<br>lishments |
|---------------------------------------|------------------------------|------------------|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------------------|------------------------|------------------------|-----------------------|---|-----------------------------------|---|
|                                       | 1<br>to<br>99                | 100<br>to<br>499 | 500<br>to<br>999 | 1,000<br>to<br>1,499 | 1,500<br>to<br>1,999 | 2,000<br>to<br>2,999 | 3,000<br>to<br>3,999 | 4,000<br>to<br>4,999 | 5,000<br>to<br>5,999 | 6,000<br>to<br>6,999 | 7,000<br>to<br>7,999 | 8,000<br>to<br>8,999 | 9,000<br>to<br>9,999 | 10,000<br>to<br>14,999 | 15,000<br>to<br>19,999 | 20,000<br>to<br>49,999 | 50,000<br>and<br>over |   |                                   |   |
| 0                                     | —                            | —                | —                | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | (a)37                                   | —                                 | (a)37                                     |
| >0 - 4                                | 12                           | —                | —                | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 12                                      | 513                               | 525                                       |
| 5 - 9                                 | 15                           | —                | —                | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 15                                      | 335                               | 350                                       |
| 10 - 19                               | 19                           | 2                | —                | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 21                                      | 299                               | 320                                       |
| 20 - 29                               | 12                           | 7                | —                | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 19                                      | 154                               | 173                                       |
| 30 - 49                               | 24                           | 32               | 2                | —                    | —                    | —                    | 1                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 59                                      | 206                               | 265                                       |
| 50 - 74                               | 19                           | 45               | 3                | —                    | 1                    | 1                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 69                                      | 148                               | 217                                       |
| 75 - 99                               | 14                           | 22               | 14               | 1                    | 2                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 53                                      | 139                               | 192                                       |
| 100 - 124                             | 17                           | 29               | 17               | 4                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 67                                      | 144                               | 211                                       |
| 125 - 149                             | 18                           | 24               | 23               | 9                    | 2                    | 4                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 80                                      | 123                               | 203                                       |
| 150 - 199                             | 20                           | 56               | 41               | 22                   | 7                    | 3                    | —                    | —                    | 1                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 150                                     | 211                               | 361                                       |
| 200 - 249                             | 20                           | 35               | 49               | 46                   | 16                   | 6                    | —                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 172                                     | 249                               | 421                                       |
| 250 - 299                             | 19                           | 24               | 29               | 45                   | 29                   | 12                   | 2                    | —                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 160                                     | 160                               | 320                                       |
| 300 - 399                             | 25                           | 49               | 67               | 71                   | 42                   | 46                   | 9                    | 3                    | —                    | —                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 312                                     | 235                               | 547                                       |
| 400 - 499                             | 27                           | 44               | 59               | 82                   | 59                   | 71                   | 28                   | 1                    | 2                    | 1                    | —                    | —                    | —                    | —                      | —                      | —                      | —                     | 374                                     | 135                               | 509                                       |
| 500 - 749                             | 9                            | 39               | 107              | 116                  | 123                  | 215                  | 130                  | 37                   | 10                   | 5                    | 1                    | —                    | —                    | 1                      | —                      | —                      | —                     | 793                                     | 144                               | 937                                       |
| 750 - 999                             | 4                            | 21               | 86               | 108                  | 107                  | 200                  | 163                  | 102                  | 32                   | 15                   | 2                    | —                    | 1                    | —                      | —                      | —                      | —                     | 841                                     | 107                               | 948                                       |
| 1,000 - 1,999                         | 17                           | 39               | 144              | 324                  | 391                  | 656                  | 446                  | 311                  | 209                  | 134                  | 74                   | 49                   | 27                   | 34                     | 1                      | 1                      | —                     | 2,857                                   | 182                               | 3,039                                     |
| 2,000 - 2,999                         | 7                            | 13               | 33               | 95                   | 135                  | 342                  | 237                  | 168                  | 116                  | 76                   | 47                   | 44                   | 36                   | 81                     | 14                     | 2                      | —                     | 1,446                                   | 78                                | 1,524                                     |
| 3,000 - 4,999                         | 2                            | 6                | 15               | 28                   | 82                   | 215                  | 175                  | 146                  | 112                  | 73                   | 53                   | 30                   | 25                   | 70                     | 24                     | 8                      | —                     | 1,064                                   | 40                                | 1,104                                     |
| 5,000 - 9,999                         | —                            | 4                | 5                | 5                    | 9                    | 40                   | 55                   | 62                   | 63                   | 37                   | 30                   | 17                   | 15                   | 42                     | 24                     | 17                     | 1                     | 426                                     | 15                                | 441                                       |
| 10,000 - 19,999                       | —                            | —                | —                | 1                    | 2                    | 1                    | 1                    | 6                    | 5                    | 4                    | 4                    | 3                    | 1                    | 10                     | 5                      | 10                     | —                     | 53                                      | 4                                 | 57  |
| 20,000 - 49,999                       | —                            | —                | —                | 1                    | 1                    | 2                    | 4                    | 3                    | 1                    | —                    | —                    | 2                    | —                    | 1                      | —                      | 1                      | —                     | 16                                      | 2                                 | 18  |
| 50,000 and over                       | —                            | 2                | 1                | 4                    | 4                    | 10                   | 15                   | 19                   | 24                   | 16                   | 18                   | 22                   | 20                   | 55                     | 21                     | 18                     | 1                     | 250                                     | 159                               | 409                                       |
| <b>Total number of establishments</b> | <b>300</b>                   | <b>493</b>       | <b>695</b>       | <b>962</b>           | <b>1,012</b>         | <b>1,824</b>         | <b>1,266</b>         | <b>858</b>           | <b>575</b>           | <b>361</b>           | <b>229</b>           | <b>167</b>           | <b>125</b>           | <b>294</b>             | <b>89</b>              | <b>57</b>              | <b>2</b>              | <b>9,309</b>                            | <b>3,819</b>                      | <b>13,128</b>                             |

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

**TABLE 15 - NUMBER OF INTENDED EWE MATINGS (a)**  
(<sup>'000</sup>)

| Item   | For lambing during year ended 31 March |                 |                 |                 |                 |                 |
|--|--|-----------------|-----------------|-----------------|-----------------|-----------------|
|  | 1990<br>(b)                            | 1991<br>(b)     | 1992<br>(b)     | 1992<br>(c)     | 1993<br>(c)     | 1994<br>(c)     |
| <sup>'000</sup>  |  |                 |                 |                 |                 |                 |
| Ewes intended to be mated to                                 |  |                 |                 |                 |                 |                 |
| Merino rams  | 13,905.8                               | 12,959.0        | 9,878.4         | 9,869.2         | 11,754.7        | 11,150.0        |
| Corriedale and Polwarth rams                                 | 203.5                                  | 190.1           | 300.0           | 298.3           | (d)1,817.2      | 1,988.1         |
| Shortwool rams   | 1,194.7                                | 1,133.9         | 1,414.7         | 1,406.4         |                 |                 |
| Longwool rams  | 233.3                                  | 188.7           | 216.3           | 215.9           |                 |                 |
| Carperwool rams  | 9.2                                    | 7.0             | 12.4            | 11.8            |                 |                 |
| <b>Total intended matings</b>                                | <b>15,546.6</b>                        | <b>14,478.7</b> | <b>11,821.9</b> | <b>11,801.5</b> | <b>13,571.9</b> | <b>13,138.1</b> |
| PER CENT   |  |                 |                 |                 |                 |                 |
| Percentage of total ewes mated or intended to be mated to--- |  |                 |                 |                 |                 |                 |
| Merino rams  | 89.4                                   | 89.5            | 83.6            | 83.6            | 86.6            | 84.9            |
| Corriedale and Polwarth rams                                 | 1.3                                    | 1.3             | 2.5             | 2.5             | (d)13.4         | 15.1            |
| Shortwool rams   | 7.7                                    | 7.8             | 12.0            | 11.9            |                 |                 |
| Longwool rams  | 1.5                                    | 1.3             | 1.8             | 1.8             |                 |                 |
| Carperwool rams  | 0.1                                    | 0.1             | 0.1             | 0.1             |                 |                 |

(a) Represents reported intended matings for lambing in seasons shown. Intended matings for lambing during the season (1993-94) are presented as a possible basis for forecasting the number of lambs to be marked for that season. In making such estimates account should be taken of past relationships between intended and actual matings - see 'LAMMING - Ewes mated' in Table 11. (b) Excludes establishments with estimated value of agricultural operations less than \$20,000 - see explanatory notes 2 and 3. (c) Excludes establishments with estimated value of agricultural operations less than \$22,500 - see explanatory notes 2 and 3. (d) Not collected separately after 1992.

**TABLE 16 - LAMBING AND EWE MATINGS**

| Statistical division (a) | Year ended 31 March 1994            |                                       |  |                                     |                                   |                              |
|--------------------------|-------------------------------------|---------------------------------------|--|-------------------------------------|-----------------------------------|------------------------------|
|                          | Year ended 31 March 1993            |                                       |  | Matings / intended matings (b) to - |                                   |                              |
|                          | Lambs marked<br>( <sup>'000</sup> ) | Ewes mated (b)<br>( <sup>'000</sup> ) | Percentage of lambs marked to ewes mated<br>(per cent) | Merino rams<br>( <sup>'000</sup> )  | Other Rams<br>( <sup>'000</sup> ) | Total<br>( <sup>'000</sup> ) |
| Perth                    | 15.6                                | 23.0                                  | 67.8   | 7.1                                 | 12.1                              | 19.2                         |
| South-West               | 445.6                               | 572.7                                 | 77.8   | 353.4                               | 230.6                             | 584.0                        |
| Lower Great Southern     | 2,112.1                             | 2,806.7                               | 75.3   | 2,392.1                             | 502.7                             | 2,894.8                      |
| Upper Great Southern     | 2,253.5                             | 2,899.5                               | 77.7   | 2,591.3                             | 334.2                             | 2,925.5                      |
| Midlands                 | 2,506.1                             | 3,281.4                               | 76.4   | 2,637.2                             | 622.0                             | 3,259.1                      |
| South-Eastern            | 967.5                               | 1,337.5                               | 72.3   | 1,355.0                             | 113.1                             | 1,468.1                      |
| Central                  | 1,296.5                             | 1,813.9                               | 71.5   | 1,702.2                             | 172.6                             | 1,874.8                      |
| Pilbara                  | 55.5                                | 111.5                                 | 49.7   | 111.8                               | 0.8                               | 112.6                        |
| Kimberley                | —                                   | —                                     | —  | —                                   | —                                 | —                            |
| <b>Western Australia</b> | <b>9,652.3</b>                      | <b>12,846.3</b>                       | <b>75.1</b>  | <b>11,150.0</b>                     | <b>1,988.1</b>                    | <b>13,138.1</b>              |

(a) See explanatory note 6. (b) Refers to mating for lambing during the year.

TABLE 17 – SHEARING AND PRODUCTION (a)

|                                |                | Year ended 30 June |                |                |                |                |                |
|--------------------------------|----------------|--------------------|----------------|----------------|----------------|----------------|----------------|
|                                |                | 1988               | 1989           | 1990           | 1991           | 1992           | 1993           |
| <b>Sheep—</b>                  |                |                    |                |                |                |                |                |
| Number shorn                   | '000           | 31,670             | 33,899         | 36,471         | 35,530         | 33,459         | 35,620         |
| Shorn wool                     | '000 kg        | 170,111            | 185,939        | 214,838        | 201,886        | 173,179        | 189,160        |
| Average clip                   | kg             | 5.37               | 5.49           | 5.89           | 5.68           | 5.18           | 5.31           |
| <b>Lambs—</b>                  |                |                    |                |                |                |                |                |
| Number shorn                   | '000           | 8,912              | 8,880          | 10,111         | 7,636          | 5,648          | 7,870          |
| Shorn wool                     | '000 kg        | 14,111             | 14,578         | 16,893         | 12,681         | 8,846          | 12,040         |
| Average clip                   | kg             | 1.58               | 1.64           | 1.67           | 1.66           | 1.57           | 1.53           |
| <b>Total sheep and lambs</b>   |                |                    |                |                |                |                |                |
| Number shorn                   | '000           | 40,582             | 42,779         | 46,583         | 43,165         | 39,107         | 43,490         |
| Shorn wool                     | '000 kg        | 184,222            | 200,516        | 231,732        | 214,567        | 182,026        | 201,200        |
| Average clip                   | kg             | 4.54               | 4.69           | 4.97           | 4.97           | 4.65           | 4.63           |
| <b>Other wool produced (b)</b> |                |                    |                |                |                |                |                |
|                                | '000 kg        | 4,305              | 2,657          | 4,348          | 7,684          | 3,894          | 4,340          |
| <b>Total production</b>        | <b>'000 kg</b> | <b>188,527</b>     | <b>203,173</b> | <b>236,079</b> | <b>222,252</b> | <b>185,920</b> | <b>205,540</b> |

(a) Based on the Industry's wool receivals collections conducted by the National Council of Wool Selling Brokers of Australia and the ABS. (b) Comprises dead and felmongered wool and wool exported on skins.

DIAGRAM 11  
WOOL PRODUCTION  
YEAR ENDED 30 JUNE

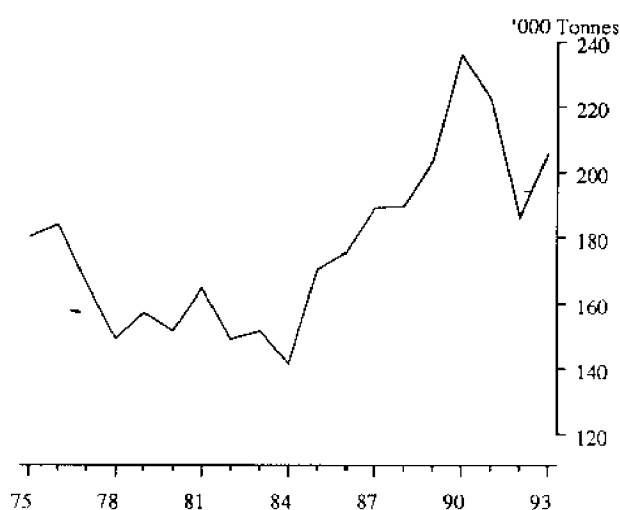


DIAGRAM 12  
SHEEP AND LAMBS SHORN  
YEAR ENDED 30 JUNE

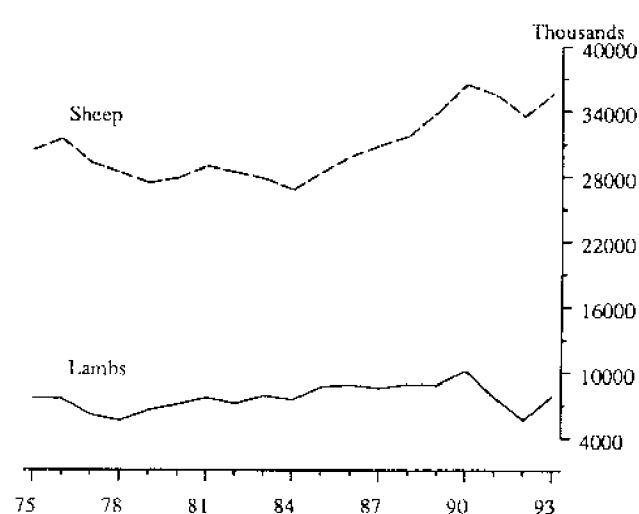


TABLE 18 – SHEEP AND LAMBS SHORN AND WOOL CLIP, YEAR ENDED 31 MARCH 1993

| Statistical division (a) | Sheep and lambs shorn |                |                 | Woolclip         |                 |                  | Average weight of wool shorn |             |             |
|--------------------------|-----------------------|----------------|-----------------|------------------|-----------------|------------------|------------------------------|-------------|-------------|
|                          | Sheep ('000)          | Lambs ('000)   | Total ('000)    | Sheep ('000 kg)  | Lambs ('000 kg) | Total ('000 kg)  | Sheep (kg)                   | Lambs (kg)  | Total (kg)  |
| Perth                    | 402.2                 | 12.6           | 414.8           | 1,004.4          | 15.8            | 1,024.9          | 2.50                         | 1.26        | 2.47        |
| South-West               | 1,547.0               | 304.0          | 1,851.0         | 7,546.9          | 469.4           | 8,145.6          | 4.88                         | 1.54        | 4.40        |
| Lower Great Southern     | 7,773.5               | 1,541.7        | 9,315.1         | 41,655.5         | 2,441.5         | 44,957.9         | 5.36                         | 1.58        | 4.83        |
| Upper Great Southern     | 7,088.0               | 1,729.6        | 8,817.6         | 38,145.0         | 2,681.2         | 41,585.5         | 5.38                         | 1.55        | 4.72        |
| Midlands                 | 7,222.4               | 1,776.3        | 8,998.6         | 36,867.3         | 2,505.8         | 40,097.4         | 5.10                         | 1.41        | 4.46        |
| South-Eastern            | 3,400.4               | 699.5          | 4,100.0         | 18,864.1         | 1,305.8         | 20,495.5         | 5.55                         | 1.87        | 5.00        |
| Central                  | 4,237.7               | 961.3          | 5,199.0         | 21,280.3         | 1,339.5         | 22,939.1         | 5.02                         | 1.39        | 4.41        |
| Pilbara                  | 248.8                 | 46.3           | 295.1           | 1,069.2          | 52.3            | 1,121.5          | 4.30                         | 1.13        | 3.80        |
| Kimberley                | —                     | —              | —               | —                | —               | —                | —                            | —           | —           |
| <b>Western Australia</b> | <b>31,920.0</b>       | <b>7,071.2</b> | <b>38,991.2</b> | <b>166,432.7</b> | <b>10,811.2</b> | <b>180,367.4</b> | <b>5.21</b>                  | <b>1.53</b> | <b>4.63</b> |

(a) See explanatory note 6.

## C – PIGS

TABLE 19 – PIG NUMBERS  
(’000)

| <i>Item</i>                 | <i>At 31 March</i>        |                           |                           |                           |                           |                           |
|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
|                             | <i>1989</i><br><i>(a)</i> | <i>1990</i><br><i>(a)</i> | <i>1991</i><br><i>(a)</i> | <i>1991</i><br><i>(b)</i> | <i>1992</i><br><i>(b)</i> | <i>1993</i><br><i>(b)</i> |
| Boars                       | 3.0                       | 2.7                       | 3.1                       | 3.0                       | 2.9                       | 2.8                       |
| Breeding sows               | 30.9                      | 30.5                      | } (c) 34.7                | 34.6                      | 38.2                      | 36.4                      |
| Gilts intended for breeding | 5.3                       | 5.6                       |                           |                           |                           |                           |
| Other pigs                  | 245.6                     | 233.8                     | 233.0                     | 232.7                     | 276.6                     | 266.0                     |
| <b>Total pigs</b>           | <b>284.8</b>              | <b>272.5</b>              | <b>270.7</b>              | <b>270.4</b>              | <b>317.8</b>              | <b>305.3</b>              |

(a) Excludes establishments with estimated value of agricultural operations less than \$20,000 - see explanatory notes 2 and 3. (b) Excludes establishments with estimated value of agricultural operations less than \$22,500 - see explanatory notes 2 and 3. (c) Not collected separately after 1990.

TABLE 20 – PIG HERDS, CLASSIFIED ACCORDING  
TO SIZE OF HERD, AT 31 MARCH 1993

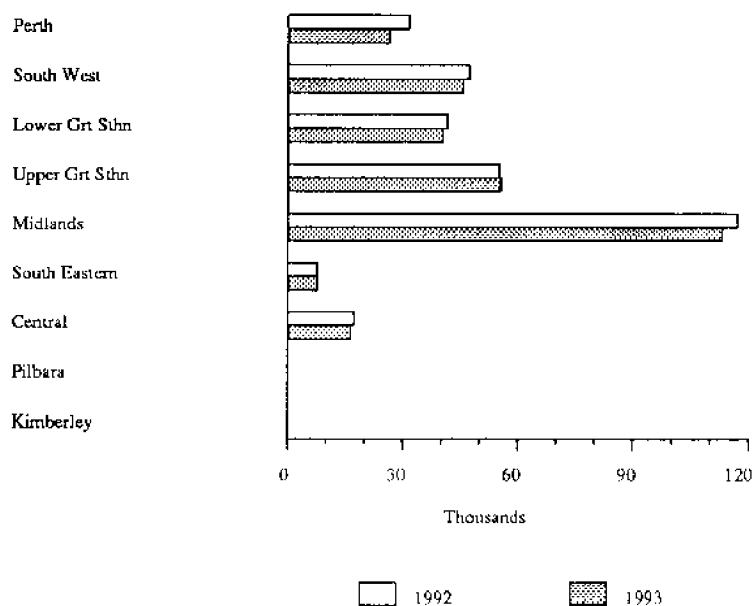
| <i>Size of herd</i><br><i>(numbers)</i> | <i>Number of</i><br><i>herds</i> | <i>Total</i><br><i>pigs</i><br><i>(’000)</i> |
|---|----------------------------------|--|
| 1 — 9                                   | 93                               | 0.4  |
| 10 — 19                                 | 68                               | 1.0  |
| 20 — 29                                 | 82                               | 2.0  |
| 30 — 39                                 | 60                               | 2.0  |
| 40 — 49                                 | 52                               | 2.3  |
| 50 — 69                                 | 66                               | 3.8  |
| 70 — 99                                 | 83                               | 6.7  |
| 100 — 149                               | 77                               | 9.5  |
| 150 — 199                               | 58                               | 10.2   |
| 200 — 299                               | 75                               | 18.0   |
| 300 — 499                               | 85                               | 32.9   |
| 500 — 699                               | 37                               | 21.8   |
| 700 — 999                               | 43                               | 35.5   |
| 1,000 and over                          | 54                               | 159.1  |
| <b>Total</b>                            | <b>933</b>                       | <b>305.3</b>                                 |

**TABLE 21 – PIGS, NUMBER AT 31 MARCH 1993**  
(<sup>'000</sup>)

| <i>Statistical division (a)</i> | <i>Boars</i> | <i>Breeding<br/>sows (b)</i> | <i>Other<br/>pigs</i> | <i>Total</i> |
|---------------------------------|--------------|------------------------------|-----------------------|--------------|
| Perth                           | 0.2          | 2.7                          | 23.5                  | 26.4         |
| South-West                      | 0.3          | 4.6                          | 40.8                  | 45.7         |
| Lower Great Southern            | 0.4          | 4.7                          | 35.3                  | 40.4         |
| Upper Great Southern            | 0.6          | 7.2                          | 47.6                  | 55.4         |
| Midlands                        | 1.1          | 14.0                         | 98.0                  | 113.2        |
| South Eastern                   | 0.1          | 0.9                          | 6.6                   | 7.6          |
| Central                         | 0.2          | 2.1                          | 14.2                  | 16.5         |
| Pilbara                         | —            | —                            | —                     | —            |
| Kimberley                       | —            | —                            | —                     | 0.1          |
| <b>Western Australia</b>        | <b>2.8</b>   | <b>36.4</b>                  | <b>266.1</b>          | <b>305.3</b> |

(a) See explanatory note 6. (b) Includes gilts intended for breeding.

**DIAGRAM 13**  
**PIG NUMBERS BY STATISTICAL DIVISION**  
**AT 31 MARCH**



## D – POULTRY

**TABLE 22 – POULTRY NUMBERS (a)**  
(<sup>'000</sup>)

| Item                                | At 31 March |             |             |             |             |             |
|-------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                     | 1989<br>(b) | 1990<br>(b) | 1991<br>(b) | 1991<br>(c) | 1992<br>(c) | 1993<br>(c) |
| Chickens -                          |             |             |             |             |             |             |
| Hens and pullets for egg production | 1,116.5     | 1,104.9     | 1,191.2     | 1,187.0     | 1,036.2     | 1,101.0     |
| Meat strain chickens (broilers)     | 3,667.3     | 3,886.5     | 3,734.8     | 3,734.7     | 3,646.4     | 4,924.4     |
| Breeding stock                      | 426.4       | 406.3       | 421.6       | 421.6       | 416.3       | 435.3       |
| Total chickens                      | 5,210.2     | 5,397.7     | 5,347.5     | 5,343.2     | 5,098.9     | 6,460.7     |
| Ducks                               | 2.2         | 3.2         | 3.5         | 3.5         | 4.6         | 2.4         |
| Turkeys                             | 29.5        | 13.3        | 7.7         | 7.7         | 24.8        | 24.0        |
| Other poultry (d)                   | 33.5        | 8.3         | 11.1        | 11.1        | 12.7        | 9.6         |
| Total poultry                       | 5,275.4     | 5,422.5     | 5,370.0     | 5,365.6     | 5,140.8     | 6,496.7     |

(a) Excludes details of poultry kept for non-commercial purposes on agricultural establishments. (b) Excludes establishments with estimated value of agricultural operations less than \$20,000 - see explanatory notes 2 and 3. (c) Excludes establishments with estimated value of agricultural operations less than \$22,500 - see explanatory notes 2 and 3. (d) Includes geese and gamebirds, etc.

## E – BEEKEEPERS

**TABLE 23 – BEEKEEPERS (a), BEEHIVES AND PRODUCTION OF HONEY AND BEESWAX**

| Item                           | Year ended 30 June |             |             |             |             |             |
|--------------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|
|                                | 1989<br>(b)        | 1990<br>(b) | 1991<br>(b) | 1991<br>(c) | 1992<br>(c) | 1993<br>(c) |
| Beekeepers (d) number          | 66                 | 66          | 58          | 55          | 60          | 50          |
| Beehives (d)                   |                    |             |             |             |             |             |
| Productive (e) <sup>'000</sup> | 26.4               | 26.9        | 20.6        | 20.1        | 21.8        | 19.7        |
| Unproductive (f) "             | 7.0                | 6.8         | 5.8         | 5.8         | 5.7         | 4.9         |
| Total beehives "               | 33.3               | 33.7        | 26.5        | 26.0        | 27.5        | 24.6        |
| Production                     |                    |             |             |             |             |             |
| Honey tonnes                   | 2,181.7            | 2,330.3     | 1,514.2     | 1,490.2     | 2,263.7     | 2,039.1     |
| Beeswax "                      | 39.1               | 41.3        | 29.0        | 28.4        | 38.2        | 37.6        |

(a) Beekeepers with 40 or more hives. (b) Excludes establishments with estimated value of agricultural operations less than \$20,000 - see explanatory notes 2 and 3. (c) Excludes establishments with estimated value of agricultural operations less than \$22,500 - see explanatory notes 3 and 4. (d) Number at 30 June. (e) Hives from which honey was taken. (f) Includes hives kept for production but from which no honey was taken; nuclei, pollination hives, etc.

**TABLE 24 – BEEKEEPERS, HONEY AND BEESWAX  
CLASSIFIED ACCORDING TO THE NUMBER OF BEEHIVES KEPT  
YEAR ENDED 30 JUNE 1993**

| Number of beehives kept | Beehives (a)          |        |   |              |        |            |         |
|-------------------------|-----------------------|--------|---|--------------|--------|------------|---------|
|                         | Bee<br>keepers<br>(a) | Robbed | Kept for<br>production<br>but not<br>robbed | Other<br>(b) | Total  | Production |         |
|                         |                       |        |   |              |        | Honey      | Beeswax |
|                         | number                | number | number                                      | number       | number | tonnes     | tonnes  |
| 1 - 39                  | —                     | —      | —   | —            | —      | —          | —       |
| 40 - 49                 | —                     | —      | —   | —            | —      | —          | —       |
| 50 - 59                 | —                     | —      | —   | —            | —      | —          | —       |
| 60 - 69                 | —                     | —      | —   | —            | —      | —          | —       |
| 70 - 79                 | —                     | —      | —   | —            | —      | —          | —       |
| 80 - 89                 | 1                     | 42     | 35  | —            | 77     | 1.8        | 0.1     |
| 90 - 99                 | —                     | —      | —   | —            | —      | —          | —       |
| 100 - 124               | 2                     | 96     | 100   | 10           | 206    | 12.5       | 0.1     |
| 125 - 149               | —                     | —      | —   | —            | —      | —          | —       |
| 150 - 174               | —                     | —      | —   | —            | —      | —          | —       |
| 175 - 199               | —                     | —      | —   | —            | —      | —          | —       |
| 200 - 249               | 3                     | 280    | 298   | 58           | 636    | 10.4       | 0.4     |
| 250 - 299               | 2                     | 518    | —   | 60           | 578    | 26.8       | 0.5     |
| 300 - 349               | 6                     | 1,336  | 300   | 197          | 1,833  | 141.5      | 3.2     |
| 350 - 399               | 6                     | 1,813  | —   | 335          | 2,148  | 222.2      | 2.6     |
| 400 - 499               | 14                    | 5,300  | 165   | 649          | 6,114  | 545.8      | 9.1     |
| 500 - 599               | 5                     | 2,024  | 150   | 370          | 2,544  | 238.4      | 6.7     |
| 600 - 799               | 4                     | 2,270  | —   | 500          | 2,770  | 350.3      | 6.4     |
| 800 and over            | 7                     | 6,025  | —   | 1,700        | 7,725  | 489.3      | 8.5     |
| Total                   | 50                    | 19,704 | 1,048                                       | 3,879        | 24,631 | 2,039.1    | 37.6    |

(a) At 30 June. (b) Includes nuclei, pollination hives etc.

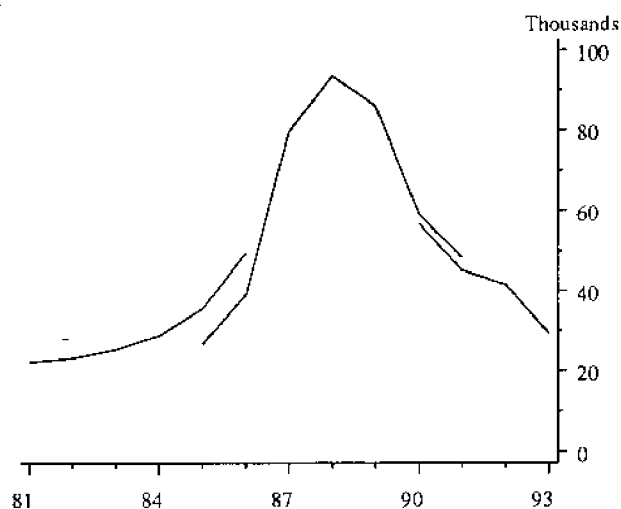
## F – OTHER LIVESTOCK

**TABLE 25 – OTHER LIVESTOCK NUMBERS**  
(’000)

| Item      | At 31 March |             |             |             |             |             |
|-----------|-------------|-------------|-------------|-------------|-------------|-------------|
|           | 1989<br>(a) | 1990<br>(a) | 1991<br>(a) | 1991<br>(b) | 1992<br>(b) | 1993<br>(b) |
| Deer      | 3.0         | 5.1         | 7.5         | 7.4         | 8.6         | 9.7         |
| Goats—    |             |             |             |             |             |             |
| Fibre     | 81.3        | 57.6        | 47.2        | 44.3        | 39.8        | 27.9        |
| Milk      | 0.5         | 0.4         | (c) 1.0     | 0.8         | 1.7         | 1.3         |
| Other (d) | 4.2         | 1.1         |             |             |             |             |
| Horses—   |             |             |             |             |             |             |
| Stud      | 7.0         | 6.6         | 5.9         | 5.8         | 5.7         | 5.6         |
| Other (d) | 16.5        | 14.0        | 13.1        | 12.6        | 11.7        | 12.8        |

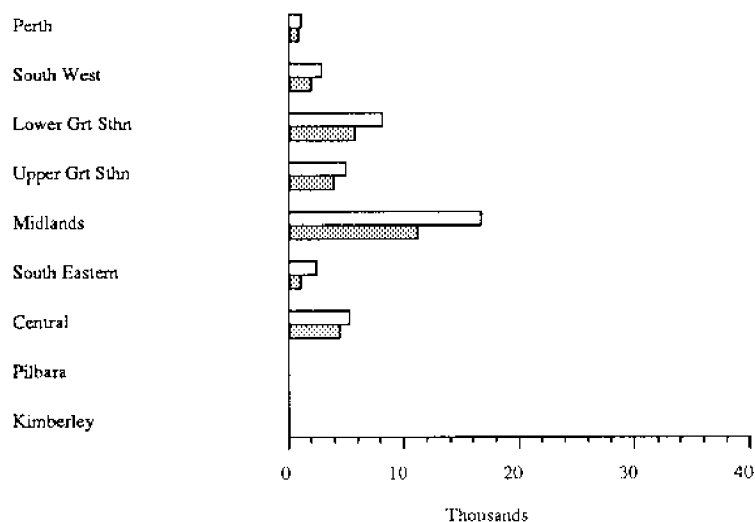
(a) Excludes establishments with estimated value of agricultural operations less than \$20,000 - see explanatory notes 2 and 3. (b) Excludes establishments with estimated value of operations less than \$22,500 - see explanatory notes 2 and 3. (c) Separate figures not available. (d) Excludes unmanaged feral stock.

**DIAGRAM 14**  
**GOAT NUMBERS(a)**  
**AT 31 MARCH**



(a) See explanatory notes 2 and 3

**DIAGRAM 15**  
**GOAT NUMBERS BY STATISTICAL DIVISION**  
**AT 31 MARCH**



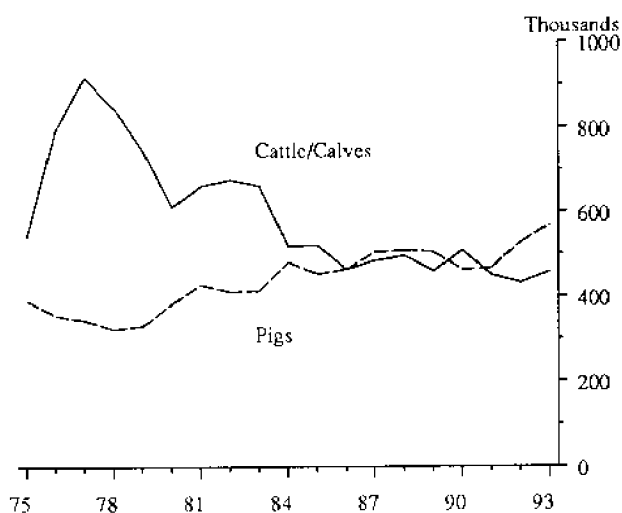
## G – LIVESTOCK SLAUGHTERINGS AND MEAT PRODUCTION

**TABLE 26 – LIVESTOCK SLAUGHTERED FOR HUMAN CONSUMPTION (a)**  
(’000)

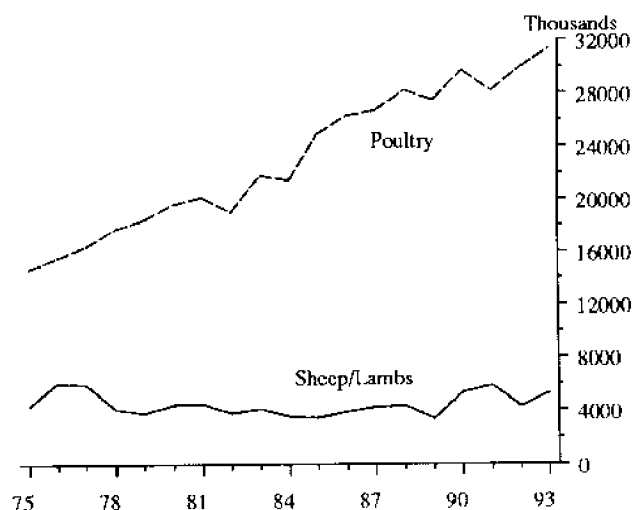
| Item                           | Year ended 30 June |                 |                 |                 |                 |                 |
|--------------------------------|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                | 1988               | 1989            | 1990            | 1991            | 1992            | 1993            |
| Cattle                         | 481.7              | 446.8           | 494.6           | 440.4           | 423.8           | 452.3           |
| Calves                         | 12.7               | 11.4            | 11.8            | 8.9             | 7.2             | 4.6             |
| <b>Total cattle and calves</b> | <b>494.3</b>       | <b>458.1</b>    | <b>506.5</b>    | <b>449.3</b>    | <b>431.0</b>    | <b>457.0</b>    |
| Sheep                          | 3,167.4            | 2,347.8         | 3,814.6         | 4,187.7         | 3,016.7         | 3,752.3         |
| Lambs                          | 1,141.5            | 997.6           | 1,469.5         | 1,581.7         | 1,238.3         | 1,480.8         |
| <b>Total sheep and lambs</b>   | <b>4,308.9</b>     | <b>3,345.5</b>  | <b>5,284.1</b>  | <b>5,769.5</b>  | <b>4,255.1</b>  | <b>5,233.1</b>  |
| Pigs                           | 507.6              | 502.9           | 460.9           | 466.1           | 526.2           | 567.6           |
| Meat chickens (b)              | 27,563.5           | 26,687.3        | 28,932.7        | 27,337.1        | 29,104.4        | 30,575.8        |
| All other poultry (c)          | 633.9              | 775.4           | 747.7           | 840.5           | 756.1           | 738.3           |
| <b>Total poultry</b>           | <b>28,197.4</b>    | <b>27,462.7</b> | <b>29,680.4</b> | <b>28,177.6</b> | <b>29,860.4</b> | <b>31,314.1</b> |

(a) Excludes livestock slaughtered for boiling down and livestock slaughtered for human consumption but subsequently condemned. (b) Includes cockerels. (c) Comprises ducks, turkeys and other chickens such as cullied hens, stags, etc; excludes geese and gamebirds.

**DIAGRAM 16**  
**CATTLE/CALF AND PIG SLAUGHTERINGS**  
**YEAR ENDED 30 JUNE**



**DIAGRAM 17**  
**SHEEP/LAMB AND POULTRY SLAUGHTERINGS**  
**YEAR ENDED 30 JUNE**

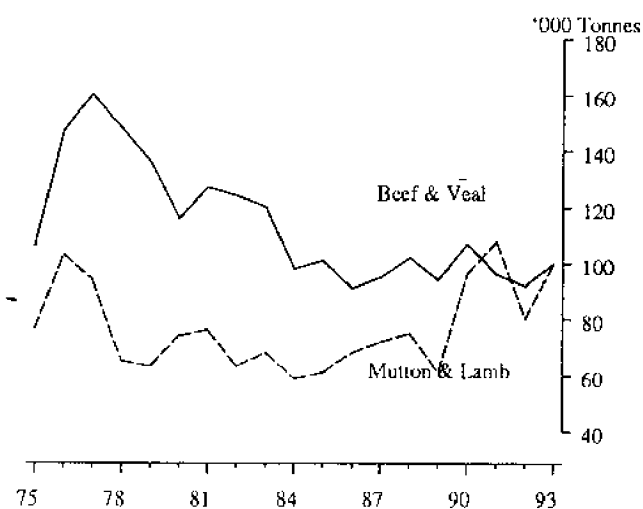


**TABLE 27 – MEAT PRODUCTION (a)**  
(tonnes)

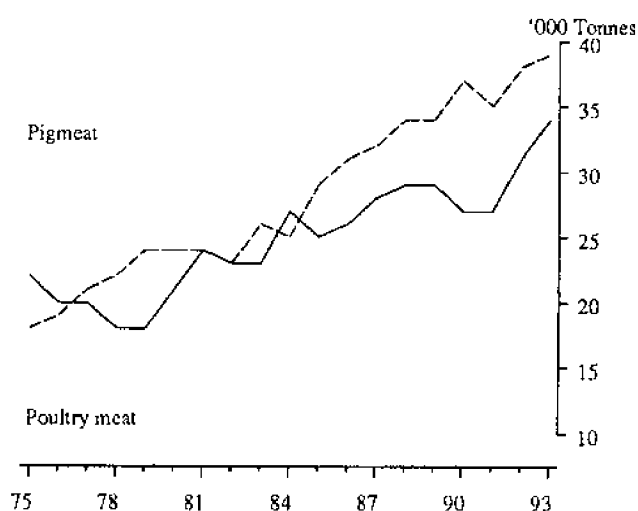
| Item                         | Year ended 30 June |               |                |                |               |                |
|------------------------------|--------------------|---------------|----------------|----------------|---------------|----------------|
|                              | 1988               | 1989          | 1990           | 1991           | 1992          | 1993           |
| Beef                         | 100,700            | 93,558        | 105,749        | 95,070         | 91,326        | 100,196        |
| Veal                         | 822                | 754           | 793            | 567            | 478           | 303            |
| <b>Total beef and veal</b>   | <b>101,523</b>     | <b>94,312</b> | <b>106,542</b> | <b>95,637</b>  | <b>91,804</b> | <b>100,499</b> |
| Mutton                       | 58,083             | 45,679        | 73,335         | 83,784         | 60,610        | 76,921         |
| Lamb                         | 17,133             | 15,430        | 22,316         | 24,096         | 19,360        | 23,395         |
| <b>Total mutton and lamb</b> | <b>75,216</b>      | <b>61,109</b> | <b>95,651</b>  | <b>107,880</b> | <b>79,970</b> | <b>100,316</b> |
| Pigmeat                      | 29,393             | 29,228        | 26,883         | 26,993         | 30,967        | 33,562         |
| Poultry meat dressed weight  |                    |               |                |                |               |                |
| Meat chickens (b)            | 32,948             | 31,688        | 35,008         | 33,260         | 35,945        | 37,740         |
| All other poultry (c)        | 1,501              | 1,935         | 1,942          | 2,040          | 1,581         | 1,680          |
| <b>Total poultry</b>         | <b>34,449</b>      | <b>33,623</b> | <b>36,950</b>  | <b>35,299</b>  | <b>37,526</b> | <b>39,421</b>  |

(a) Dressed carcase weight. Excludes offal. (b) Includes cockerels. (c) Comprises ducks, turkeys and other chickens such as culled hens, stags, etc; excludes geese and gamebirds.

**DIAGRAM 18**  
**BEEF/VEAL AND MUTTON/LAMB PRODUCTION**  
YEAR ENDED 30 JUNE



**DIAGRAM 19**  
**PIGMEAT AND POULTRY MEAT PRODUCTION**  
YEAR ENDED 30 JUNE



## EXPLANATORY NOTES

### Scope and coverage

Statistics in this publication are, in general, derived from the annual Agricultural Census conducted throughout Australia at 31 March, which collects data from establishments with agricultural activity.

2. In order to minimise demands on small operators for statistical information and to reduce the cost of processing the Census, the ABS excludes from the Census establishments with an estimated value of agricultural operations (EVAO) less than a certain cut-off level. This cut-off level is reviewed from time to time. From 1981-82 to 1985-86 establishments were excluded from the Census if they had, or were expected to have, an EVAO of less than \$2,500. From the 1986-87 Census, the cut-off value has been raised to \$20,000 and from the 1991-92 Census, the cut-off has been raised to \$22,500.

3. While the \$2,500 cut-off applying up to 1985-86 resulted in some changes in the counts of numbers of establishments appearing in publications, the effect on production statistics for most commodities was small. The \$20,000 cut-off applying from 1986-87 has a more significant effect on Census results. To provide a measure of the effect of the raised cut-off, Census data for 1984-85 and 1985-86 have been retabulated excluding establishments with EVAO less than \$20,000. This information is available on request. The \$22,500 cut-off applying from 1991-92 has a very small effect on Census results. To provide a measure of the effect of the raised cut-off, Census data for 1990-91 have been retabulated excluding establishments with EVAO less than \$22,500. Tables in this publication show 1985-86 data excluding establishments below the \$20,000 cut-off and 1992 data excluding establishments below the \$22,500 cut-off; graphs show data on both bases for 1984-85 and 1985-86.

4. In addition to the Agricultural Census, the ABS periodically collects a truncated range of data from establishments with EVAO of between \$5,000 and \$19,999. Data from these establishments for 1988-89 is available; inquiries should be made to the contact person shown at the front of this publication.

5. Some data in this publication are obtained from sources other than the Agricultural Census, and hence the exclusions referred to in paragraphs 2 and 3 above do not apply. Items involved are:

- (a) Livestock slaughtered and meat produced. Data based on returns collected by ABS from abattoirs and poultry processors.
  - (b) Egg production. Data supplied by Western Australian Egg Marketing Board.
  - (c) Milk production. Data supplied by Australian Dairy Corporation.
  - (d) Overseas exports. Data compiled by ABS from documents lodged under customs legislation.
  - (e) Wool production, year ended 30 June, Western Australia. Data based on returns collected by ABS from wool brokers and dealers.
- While wool production is collected in the Agricul-

tural Census, the brokers and dealers data are considered to be the more accurate. Census data for the year to March 1993 have been used for the regional data in Table 18 of this publication, as the brokers and dealers data are available at the State total level only.

6. Establishments in the Agricultural Census are now classified according to the Australian Standard Geographical Classification (ASGC), edition 3.

7. In size and location tables 'Agricultural areas' comprise the Perth, South-West, Upper Great Southern, Lower Great Southern and Midlands Statistical Divisions and the SLAs of Dundas, Esperance, Ravensthorpe, Carnamah, Geraldton, Greenough, Irwin, Mingenew, Morawa, Mullewa, Northampton, Perenjori, Three Springs, Chapman Valley and Coorow. 'Pastoral areas' comprise the Pilbara and Kimberley Statistical Divisions and the SLAs of Coolgardie, Kalgoorlie-Boulder, Laverton, Leonora, Menzies, Carnarvon, Exmouth, Shark Bay, Upper Gascoyne, Sandstone, Cue, Meekatharra, Mount Magnet, Murchison, Wiluna and Yalgoo.

### Related publications and data releases

8. Other final data from the 1992-93 Agricultural Census are published in the following series of publications intended for release later this year.

| Publication                       | Catalogue No. |
|-----------------------------------|---------------|
| Agriculture, 1992-93              | 7113.5        |
| Summary of Crops, 1992-93         | 7330.5        |
| Selected Small Area Data, 1992-93 | 7120.5        |

9. 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.

### Unpublished statistics

10. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact shown at the front of this publication.

11. Current publications produced by the ABS are listed in *Catalogue of Publications and Products* (1101.0) which is available from this Office.

### Symbols and other usages

12. The following symbols, where shown in columns of figures or elsewhere in tables, mean:

- r figure or series revised since previous issue
- nil or rounded to zero
- p preliminary.

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





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