

Table (S2): Livestock census and production in the Jordanian governorates.

| Animals | Province | Number of heads | Percentage | Meat production (Tons) | Dairy production (Tons) |
|----------------|-----------------|------------------------|-------------------|-------------------------------|--------------------------------|
| Sheep | Irbid | 265,100 | 6.30% | 16,576.30 | 825,500 |
| | Jerash | 16,800 | 0.40% | 672 | 84,000 |
| | Ajloun | 16,800 | 0.40% | 672 | 84,000 |
| | Mafraq | 1,548,700 | 37.40% | 582,342 | 7,743,500 |
| | Amman | 865,000 | 20.80% | 179,040 | 4,425,000 |
| | Ma'an | 231,000 | 5.50% | 12,655 | 632,500 |
| | Zarqa | 367,200 | 8.80% | 32,505.60 | 1,625,000 |
| | Balqa | 183,600 | 4.40% | 8,154.40 | 409,000 |
| | Karak | 316,800 | 7.60% | 24,028.80 | 1,204,000 |
| | Ma'an | 220,500 | 5.30% | 11,726.50 | 586,250 |
| | Tafilah | 108,000 | 2.60% | 2,808 | 140,400 |
| | Aqaba | 21,000 | 0.50% | 105 | 5,250 |
| | Total | 4,200,500 | 100% | 833,796.80 | 21,134,400 |
| Goats | Irbid | 132,685 | 11.20% | 14,873.50 | 663,425 |
| | Jerash | 32,578 | 2.80% | 917.34 | 162,890 |
| | Ajloun | 26,523 | 2.30% | 611.54 | 309,360 |
| | Mafraq | 22,461 | 1.90% | 424.2 | 112,305 |
| | Amman | 21,345 | 1.80% | 384.21 | 106,725 |
| | Ma'an | 19,234 | 1.60% | 307.74 | 96,170 |
| | Zarqa | 16,892 | 1.40% | 239.47 | 84,460 |
| | Balqa | 15,567 | 1.30% | 201.97 | 77,835 |
| | Karak | 15,234 | 1.30% | 197.99 | 77,055 |
| | Tafilah | 14,987 | 1.30% | 194.83 | 76,415 |
| | Aqaba | 14,742 | 1.30% | 191.58 | 76,030 |
| | Total | 1,198,408 | 100% | 125,709.11 | 6,244,710 |

Mafraq leads Jordan in sheep herds (37.4%) but ranks fourth in goat metrics. Sustainability depends on how Mafraq manages its sheep herds; large herds can be beneficial if managed properly, but detrimental if not.