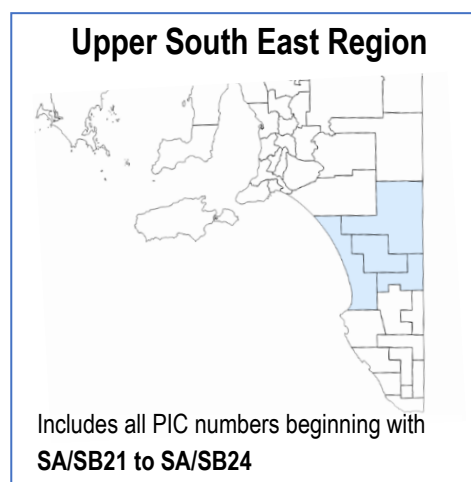# Upper South East

2020 Benchmarking report

Enhanced abattoir surveillance

The Enhanced Abattoir Surveillance program provides feedback to South Australian producers on conditions and diseases detected in sheep at Thomas Foods International abattoirs. The program helps producers to improve sheep health and welfare, maximise farm productivity and increase profits.

This benchmarking document enables producers to measure their animal health performance against others within their region.

Upper South East Region

Includes all PIC numbers beginning with
SA/SB21 to SA/SB24

Who and what does this data represent?

👥	**23%** of all commercial* Upper South East sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)	🐑	**~56,000** sheep
🚚	**Direct consignments** (not sheep sold through sale yards)		

How do I use this information?

Results show the _number of producers in the region_ affected for each condition (low, medium, high, very high) and the _average percent of sheep affected by each condition within affected consignments._ An indication of **potential lost value** due to the conditions both on-farm and at the abattoir is also provided.

By checking your abattoir condition feedback sent to you for each consignment during the 2020 year, you can compare if the condition is rarely or commonly seen in your region, and at what levels the condition is seen in consigned affected stock in your region.

It is recommended results are also interpreted in conjunction with the detailed fact sheets provided (also available on the PIRSA website) and advice from your veterinarian, livestock consultant or PIRSA Animal Health Advisor.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager
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Government of South Australia
Department of Primary Industries and Regions

What's happening in your region?

Conditions with HIGH farm &/or abattoir impacts	Lamb	Mutton
Grass seeds: - Number producers affected** - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- **Medium**** - **55%** - **High**	- Low - **47%** - **High**
Arthritis: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low - **8%** - **High**	- **Medium** - **6%** - **High**
Sheep measles: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (condemns)	- Low - **8%*** state average - **High**	- **High** - **7%** - **High**
Pleurisy: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low - **8%** - **High**	- **High** - **9%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - Lost value to affected producers (on farm, trim, condemns)	Mutton predominant condition	- **High** - **12%** - **Medium**

Conditions with lower farm &/or abattoir impacts	Lamb	Mutton
Vaccine lesions: (depends on lesion location on carcase) - Number <u>producers</u> affected** - Proportion <u>animals</u> affected in affected lines - Lost value to affected producers (on farm, trim, condemns)	- Low** - **51%*** state average - **Medium**	- Low - **40%*** state average - **Medium**
Pneumonia: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - Lost value to affected producers (on farm, trim, condemns)	- Low - **17%*** state average - **Medium**	- Low - **13%*** state average - **Medium**
Rib fractures: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim)	- Low - **9%*** state average - **Medium**	Lamb predominant condition
Nephritis: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (possible on farm; offal condemn)	- Low - **27%** - Low	Lamb predominant condition
Bladder worm: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (offal condemn only)	- Low - **20%*** state average - Nil	- **Very High** - **32%** - Nil

*State average represents data from across the whole state as insufficient regional data available to calculate accurately

**Number of producers who consigned affected stock:	
Low	1% to 24%
Medium	25% to 50%
High	51% to 75%
Very high	>75%

LOST VALUE INCLUDES:
On Farm: deaths, poor growth, treatment costs
Producer: carcase trim, carcase condemns, penalties
Abattoir: downgraded carcases, offal condemns

<u>**Conditions not included**</u> – insufficient numbers of animals affected by **bruising & cirrhosis** were detected in the Upper South East; **liver fluke, dog bites**, and **knotty/pimply gut** were detected on very few SA properties in 2020 and are not included in the benchmarking figures. **Sarcocystis** is a significant condition for Kangaroo Island producers due to high feral cat numbers.

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