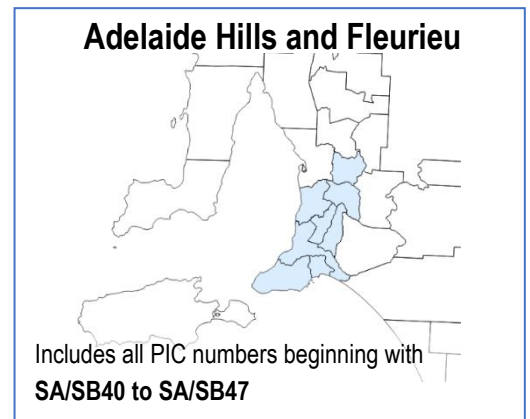# Adelaide Hills and Fleurieu

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.

Adelaide Hills and Fleurieu

Includes all PIC numbers beginning with
SA/SB40 to SA/SB47

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

Who and what does this data represent?

👤	**52%** of all commercial* Adelaide Hills and Fleurieu sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)	🐑 **~44,000** 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 <u>producers</u> affected** - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **48%*** state average - **High**	- Low - **46%*** state average - **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 - **7%*** state average - **High**	- Low - **7%*** state average - **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 - **7%** - **High**	- **Medium** - **6%** - **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 - **9%*** state average - **High**	- **High** - **10%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	Mutton predominant condition	- Low - **9%** - **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 - <u>Lost value</u> 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 - <u>Lost value</u> 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%** - **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 - **12%** - 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 - **16%** - Nil	- **High** - **24%** - 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:		LOST VALUE INCLUDES:
Low	1% to 24%	**On Farm:** deaths, poor growth, treatment costs
Medium	25% to 50%	**Producer:** carcase trim, carcase condemns, penalties
High	51% to 75%	
Very high	>75%	**Abattoir:** downgraded carcases, offal condemns

Conditions not included – insufficient numbers of animals affected by **bruising & cirrhosis** were detected in the Adelaide Hills and Fleurieu **; 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.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager

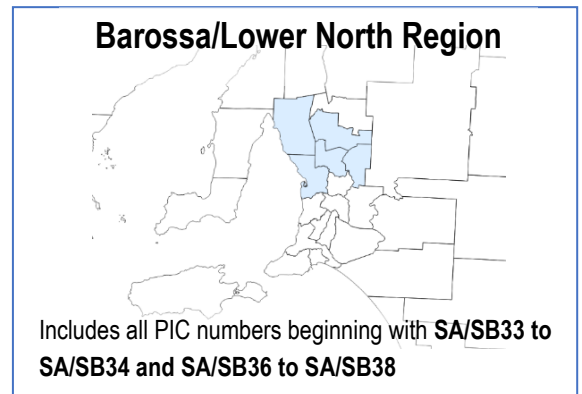0459 888 133 | allison.crawley@sa.gov.au

Barossa and Lower North

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.

Barossa/Lower North Region

Includes all PIC numbers beginning with **SA/SB33 to SA/SB34 and SA/SB36 to SA/SB38**

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

Who and what does this data represent?

41% of all commercial* Barossa and Lower North sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)	**~53,000** 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.

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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)	- Low** - **48%*** state average - **High**	- Low - **46%*** state average - **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 - **7%*** state average - **High**	- **Medium** - **9%** - **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 - **5%** - **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 - **9%*** state average - **High**	- **High** - **10%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	Mutton predominant condition	- **Medium** - **16%** - **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 - <u>Lost value</u> 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 - <u>Lost value</u> 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 - **7%** - **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 - **13%** - 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 - **22%** - Nil	- **Very High** - **27%** - 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:	**LOST VALUE INCLUDES:**
Low 1% to 24% **Medium** 25% to 50% **High** 51% to 75% **Very high** >75%	**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 Barossa and Lower North ; **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.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager

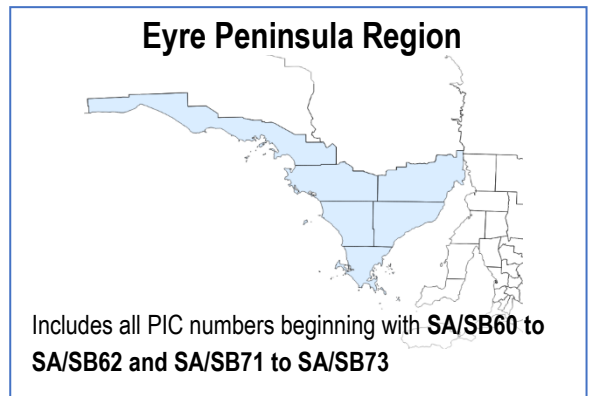0459 888 133 | allison.crawley@sa.gov.au

Eyre Peninsula

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.

Eyre Peninsula Region

Includes all PIC numbers beginning with **SA/SB60 to SA/SB62 and SA/SB71 to SA/SB73**

Who and what does this data represent?

62% of all commercial* Eyre Peninsula sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)	**~244,000** 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.

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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 <u>producers</u> affected** - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **40%** - **High**	- Low - **46%*** state average - **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 - **7%** - **High**	- **Medium** - **7%** - **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%** - **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	- **Medium** - **13%** - **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 - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **37%** - **Medium**	- Low - **57%** - **Medium**
Pneumonia: - 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 - **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)	- **Medium** - **17%** - 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%** - Nil	- **Very High** - **21%** - 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

Conditions not included – insufficient numbers of animals affected by **bruising & cirrhosis** were detected in the Eyre Peninsula; **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.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager

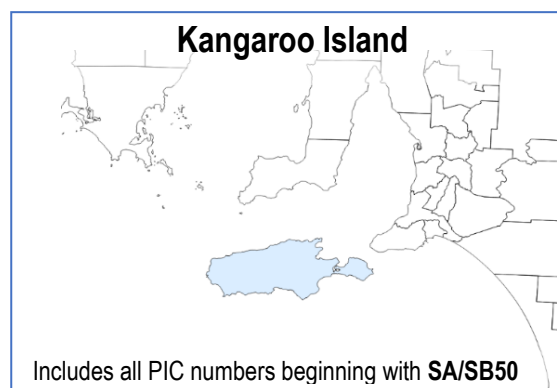0459 888 133 | allison.crawley@sa.gov.au

Kangaroo Island

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.

Kangaroo Island

Includes all PIC numbers beginning with **SA/SB50**

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

Who and what does this data represent?

83% of all commercial* Kangaroo Island sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)	~**94,000 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.

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 <u>producers</u> affected** - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **48%** * state average - **High**	- Low - **46%** * state average - **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** - **7%** - **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%** - **High**	- **High** - **6%** - **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 - **9%** - **High**	- **High** - **10%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	Mutton predominant condition	- **Medium** - **15%** - **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 - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **53%** - **Medium**	- Low - **39%** - **Medium**
Pneumonia: - 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 - **26%** - **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
Sarcocystis: - 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)	Mutton predominant condition	- **High** - **32%** - **Medium**
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 - **30%** - Nil	- **High** - **20%** - 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

Conditions not included – insufficient numbers of animals affected by **bruising & cirrhosis** were detected on Kangaroo Island**; liver fluke, dog bites, nephritis**, and **knotty/pimply gut** were detected on very few SA properties in 2020 and are not included in the benchmarking figures.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager

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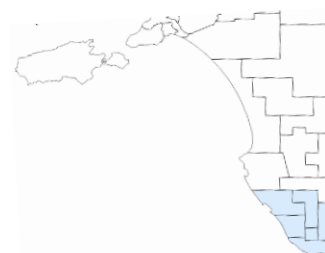
Lower South East

2020 Benchmarking report

Enhanced abattoir surveillance

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

Lower South East Region

Includes all PIC numbers beginning with
SA/SB10 to SA/SB15

Who and what does this data represent?

17% of all commercial* Lower South East sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)

~61,000 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.

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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 <u>producers</u> affected** - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **48%*** state average - **High**	- Low - **46%*** state average - **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 - **7%*** state average - **High**	- **Medium** - **7%** - **High**
Sheep measles: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (condemns)	- **Medium** - **8%** - **High**	- **High** - **8%** - **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 - **9%** - **High**	- **High** - **12%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	Mutton predominant condition	- **Medium** - **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 - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **51%*** state average - **Medium**	- **Medium** - **40%*** state average - **Medium**
Pneumonia: - 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 - **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)	- **Medium** - **11%** - **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 - **17%*** state average - 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)	- **Medium 18%** - Nil	- **Very High** - **36%** - 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:	**LOST VALUE INCLUDES:**
Low 1% to 24% **Medium** 25% to 50% **High** 51% to 75% **Very high** >75%	**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 Lower 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.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager
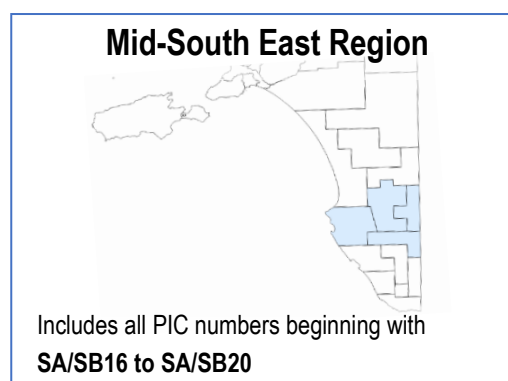
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Mid-South East

2020 Benchmarking report

Enhanced abattoir surveillance

Mid-South East Region

Includes all PIC numbers beginning with
SA/SB16 to SA/SB20

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.

Who and what does this data represent?

17% of all commercial* Mid-South East sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)

~41,000 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.

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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 <u>producers</u> affected** - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **48%*** ^{state average} - **High**	- Low - **46%*** ^{state average} - **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 - **7%*** ^{state average} - **High**	- **Medium** - **7%** - **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%** - **High**	- **Very High** - **8%** - **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 - **9%*** ^{state average} - **High**	- **Very High** - **9%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	Mutton predominant condition	- **High** - **11%** - **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 - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **51%*** ^{state average} - **Medium**	- **Medium** - **27%** - **Medium**
Pneumonia: - 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 - **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 - **13%** - **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 - **17%*** ^{state average} - 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 - **16%** - Nil	- **Very High** - **33%** - 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:		**LOST VALUE INCLUDES:**
Low	1% to 24%	**On Farm:** deaths, poor growth, treatment costs
Medium	25% to 50%	**Producer:** carcase trim, carcase condemns, penalties
High	51% to 75%	
Very high	>75%	**Abattoir:** downgraded carcases, offal condemns

<u>**Conditions not included**</u> – insufficient numbers of animals affected by **bruising & cirrhosis** were detected in the Mid-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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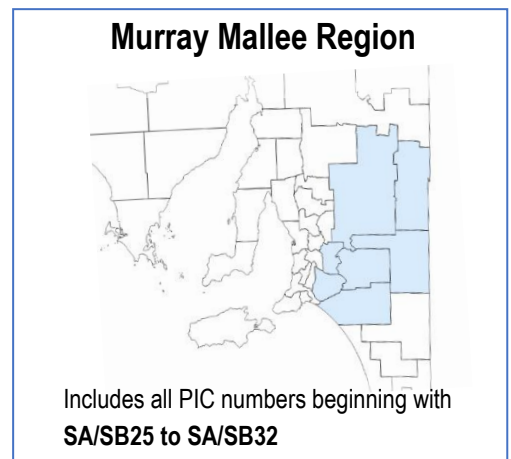
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Murray Mallee

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.

Murray Mallee Region

Includes all PIC numbers beginning with
SA/SB25 to SA/SB32

Who and what does this data represent?

44% of all commercial* Murray Mallee sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)	**~169,000** 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.

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 <u>producers</u> affected** - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **47%** - **High**	- Low - **38%** - **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 - **6%** - **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 - **6%** - **High**	- **High** - **6%** - **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 - **9%** - **High**	- **High** - **9%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	Mutton predominant condition	- **Medium** - **11%** - **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 - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **62%** - **Medium**	- Low - **55%** - **Medium**
Pneumonia: - 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 - **15%** - **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 - **16%** - 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 - **15%** - Nil	- **Very High** - **26%** - 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:		LOST VALUE INCLUDES:
Low	1% to 24%	**On Farm:** deaths, poor growth, treatment costs
Medium	25% to 50%	**Producer:** carcase trim, carcase condemns, penalties
High	51% to 75%	**Abattoir:** downgraded carcases, offal condemns
Very high	>75%	

Conditions not included – insufficient numbers of animals affected by **bruising & cirrhosis** were detected in the Murray Mallee**; 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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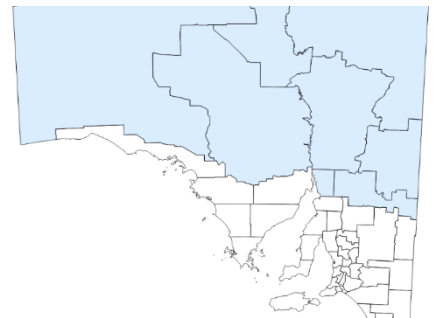
Northern Pastoral

2020 Benchmarking report

Enhanced abattoir surveillance

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

Northern Pastoral Region

Includes all PIC numbers beginning with
SA/SB57 to SA/SB58; SA/SB70 and SA/SB80 to SA/SB84

Who and what does this data represent?

36% of all commercial* Northern Pastoral sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)	**~51,000** 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.

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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)	- Low** - **48%*** state average - **High**	- Low - **46%*** state average - **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 - **7%*** state average - **High**	- **Medium** - **10%** - **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 - **9%*** state average - **High**	- **High** - **10%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	Mutton predominant condition	- **Medium** - **19%** - **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 - <u>Lost value</u> 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 - <u>Lost value</u> 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 - **19%** - 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 - **27%** - Nil	- **Very High** - **28%** - 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:		**LOST VALUE INCLUDES:**
Low	1% to 24%	**On Farm:** deaths, poor growth, treatment costs
Medium	25% to 50%	**Producer:** carcase trim, carcase condemns, penalties
High	51% to 75%	
Very high	>75%	**Abattoir:** downgraded carcases, offal condemns

Conditions not included – insufficient numbers of animals affected by **bruising & cirrhosis** were detected in the Northern Pastoral Region; **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.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager
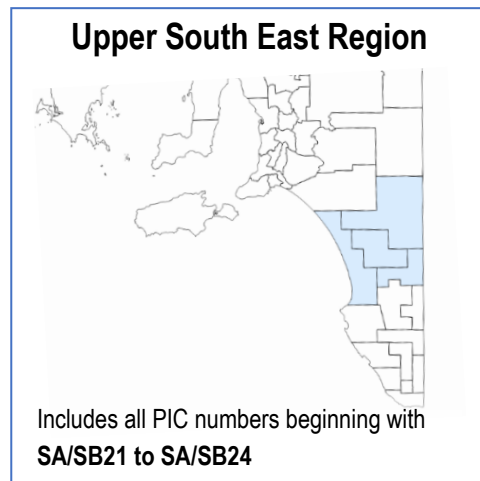
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Upper South East

2020 Benchmarking report

Enhanced abattoir surveillance

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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.

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Government of South Australia
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What's happening in your region?

Conditions with HIGH farm &/or abattoir impacts	Lamb	Mutton
Grass seeds: - Number <u>producers</u> 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 - <u>Lost value</u> 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 - <u>Lost value</u> 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:		**LOST VALUE INCLUDES:**
Low	1% to 24%	**On Farm:** deaths, poor growth, treatment costs
Medium	25% to 50%	**Producer:** carcase trim, carcase condemns, penalties
High	51% to 75%	**Abattoir:** downgraded carcases, offal condemns
Very high	>75%	

Conditions not included – 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.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager
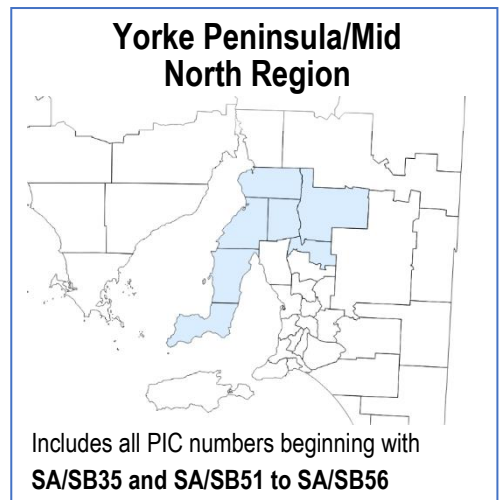0459 888 133 | allison.crawley@sa.gov.au

Yorke Peninsula and Mid North

2020 Benchmarking report

Enhanced abattoir surveillance

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Yorke Peninsula/Mid North Region

Includes all PIC numbers beginning with **SA/SB35 and SA/SB51 to SA/SB56**

Who and what does this data represent?

53% of all commercial* Yorke Peninsula and Mid North sheep producers (*commercial producers were defined as those who transferred >100 sheep on the NLIS database in 2020)

~192,000 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.

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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 <u>producers</u> affected** - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **35%** - **High**	- Low - **2%*** state average - **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 - **6%** - **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 - **9%** - **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 - **11%** - **High**	- **High** - **10%** - **High**
Cheesy gland: - Number <u>producers</u> affected - Proportion <u>animals</u> affected in affected lines - <u>Lost value</u> to affected producers (on farm, trim, condemns)	Mutton predominant condition	- **Medium** - **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 - <u>Lost value</u> to affected producers (on farm, trim, condemns)	- Low** - **42%** - **Medium**	- Low - **40%*** state average - **Medium**
Pneumonia: - 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 - **12%** - **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 - **17%** - 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%** - Nil	- **Very High** - **28%** - 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:		**LOST VALUE INCLUDES:**
Low	1% to 24%	**On Farm:** deaths, poor growth, treatment costs
Medium	25% to 50%	**Producer:** carcase trim, carcase condemns, penalties
High	51% to 75%	
Very high	>75%	**Abattoir:** downgraded carcases, offal condemns

Conditions not included – insufficient numbers of animals affected by **bruising & cirrhosis** were detected in the Yorke Peninsula and Mid North**; 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.

Dr Allison Crawley, Enhanced Abattoir Surveillance Program Manager

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