

Limestone Coast Red Meat Cluster (“LCRMC”) Project

THE LIMESTONE COAST RED MEAT CLUSTER IS BUILDING INDUSTRY LINKAGES AND PROMOTING A CULTURE OF COLLABORATION TO ENSURE A VIBRANT FUTURE FOR THE REGION'S RED MEAT SECTOR.

The project, overseen by an industry steering committee, is working in a number of areas to develop a deeper understanding of the regional red meat industry, build innovation, grow profitability and enhance skills.

WORK INCLUDES

- value chain mapping to identify opportunities and impediments to growth, and developing actions to address these;
- detailed regional data analysis to demonstrate the Limestone Coast region's role and strengths in the red meat industry;
- supporting research into production issues such as feed gaps, dark cutting meat and others;
- keeping the wider industry informed of project activities and inviting input, along with supporting other regional initiatives such as the Limestone Coast Collaborative

Macrologic Pty Ltd is analysing the red meat industry in the Limestone Coast area:

- Size and value of the industry
- Livestock flows into and out of the region
- High level performance benchmarking
- Access to web based portal for the group

**If you can't measure it
you can't manage it**

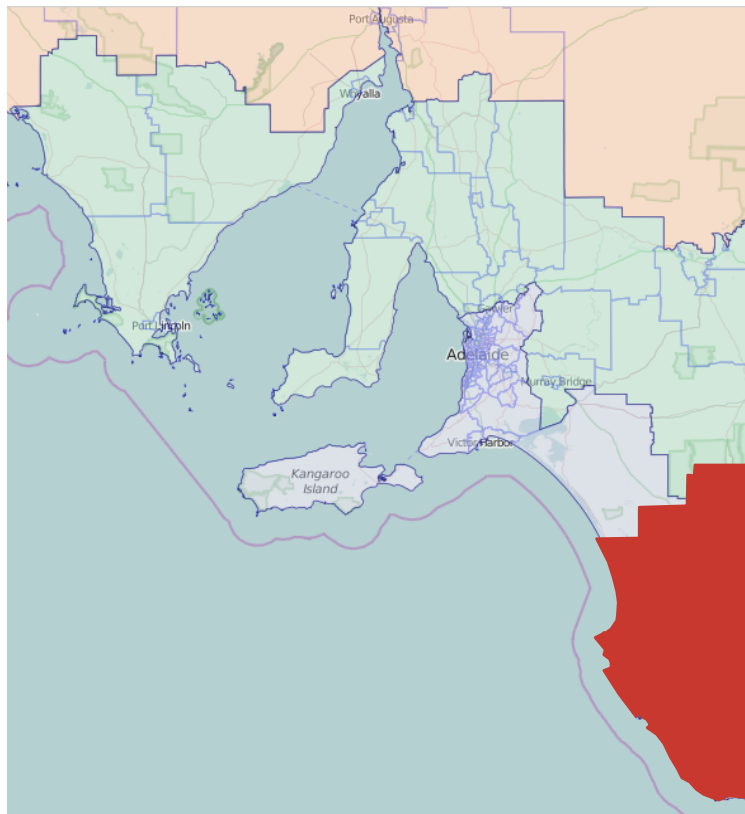
The Limestone Coast Red Meat Cluster is funded through PIRSA's Premium Food and Wine Innovation Cluster Program.

How is the red meat industry measured?
Value of the red meat industry
Cattle and sheep numbers
SA slaughter profile
Live Export
Livestock flows into and out of the region
Performance of the red meat industry
Building a view of the region
Feedback from grower members
Feedback from Processors
Key Observations
Where to next?
Appendices

How is the red meat industry measured?

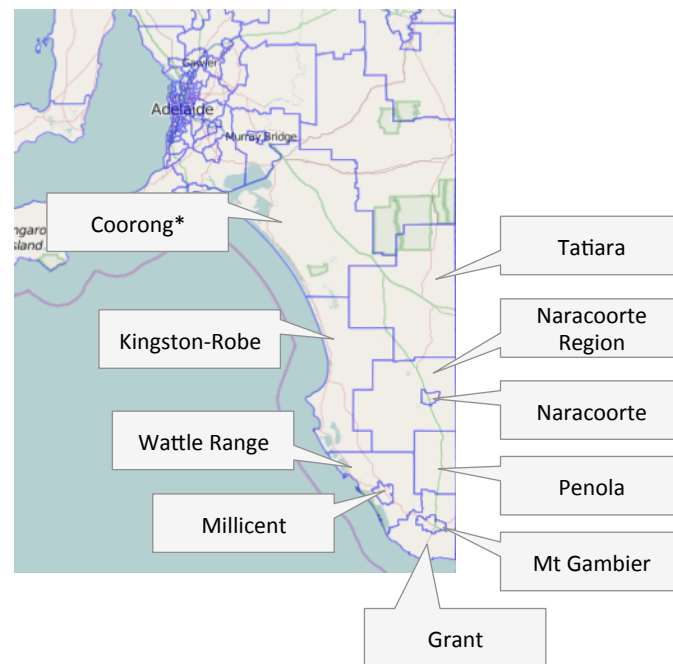
ABS and ABARES record agriculture in defined areas

ABARES places the Limestone Coast within the “South East” region which is classified as part of the high rainfall zone. Annual Surveys.



- High Rainfall
- Wheat sheep
- Pastoral

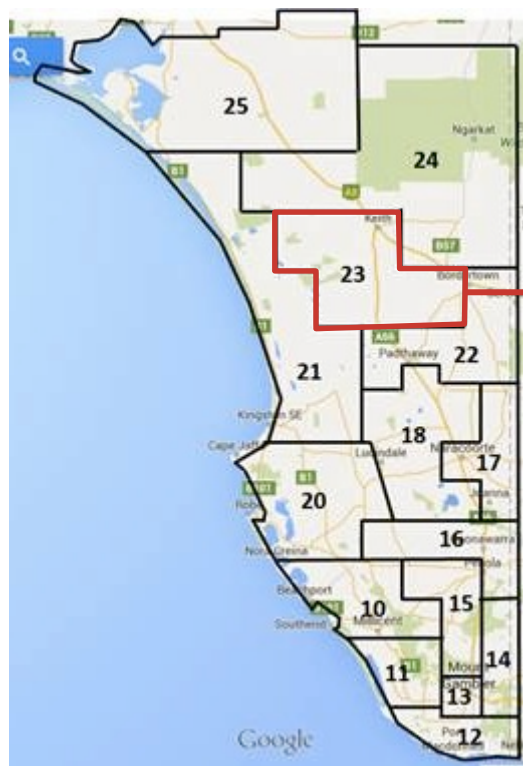
ABS reports at a lower level, conducting a Census every 5 years and annual surveys for a selected sample in the intervening years



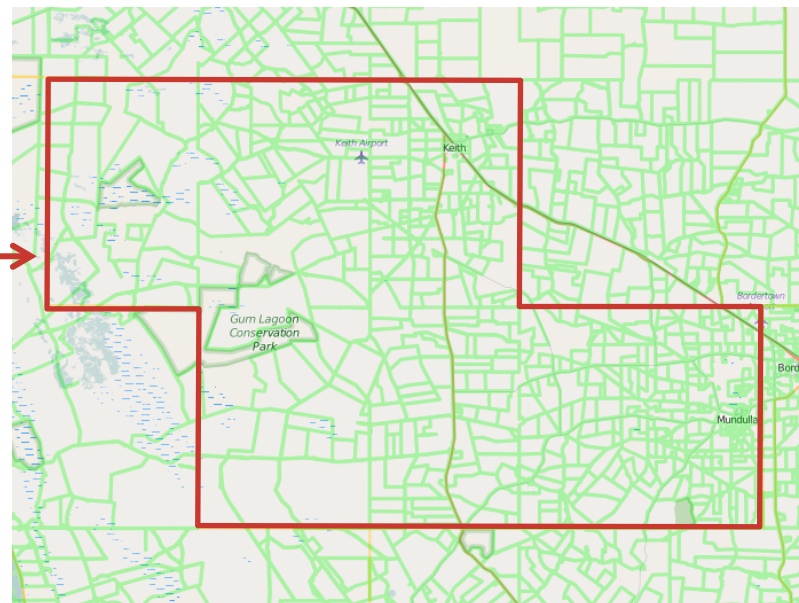
** Coorong is technically outside the Limestone Coast region but may be included in the cluster group activities*

NLIS records livestock movements at property level

NLIS records the daily movements of livestock between properties to the final point of slaughter or live shipment. Data is recorded at property level and summarised into NLIS Zones



Zone 23



The National Livestock Reporting Service monitors saleyard throughputs and prices

CALCULATION METHODOLOGY

The EYCI is a seven calendar day rolling weighted average of 24 young cattle types from 26 prime saleyards in Queensland, New South Wales and Victoria.

Cattle included are vealer and yearling heifers and steers, C2 or C3, with liveweight greater than 200kg.

To calculate the EYCI:

- Calculate the carcase (or dressed) weight price for each pen of cattle in the EYCI:

$$\text{cwt price} = \text{lwt price} / \text{dressing \%}$$

(N.B. Use dressing % as a fraction – eg 55% = 0.55)

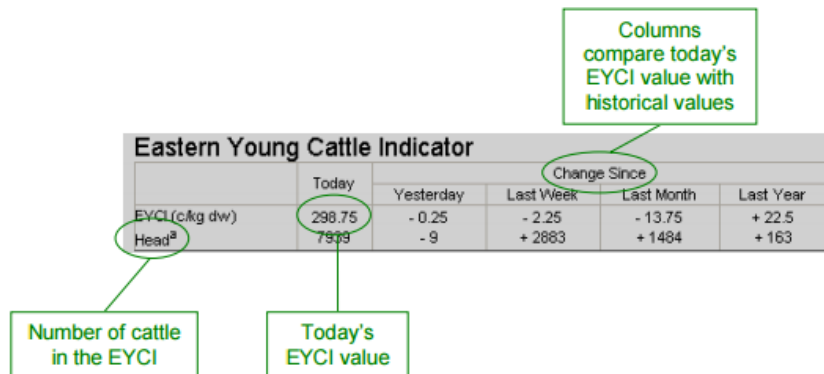
- Calculate Pen Value:

$$\text{Pen Value} = \text{cwt price} \times \text{head in pen}$$

- EYCI = $\frac{\text{Sum of all pen values for EYCI cattle}}{\text{Total head in EYCI}}$

The Daily EYCI Summary Report

The report is designed to provide cattle futures participants, brokers and advisers with information on the contribution made by different saleyards and cattle types to the EYCI. The following document explains the EYCI Summary Report.



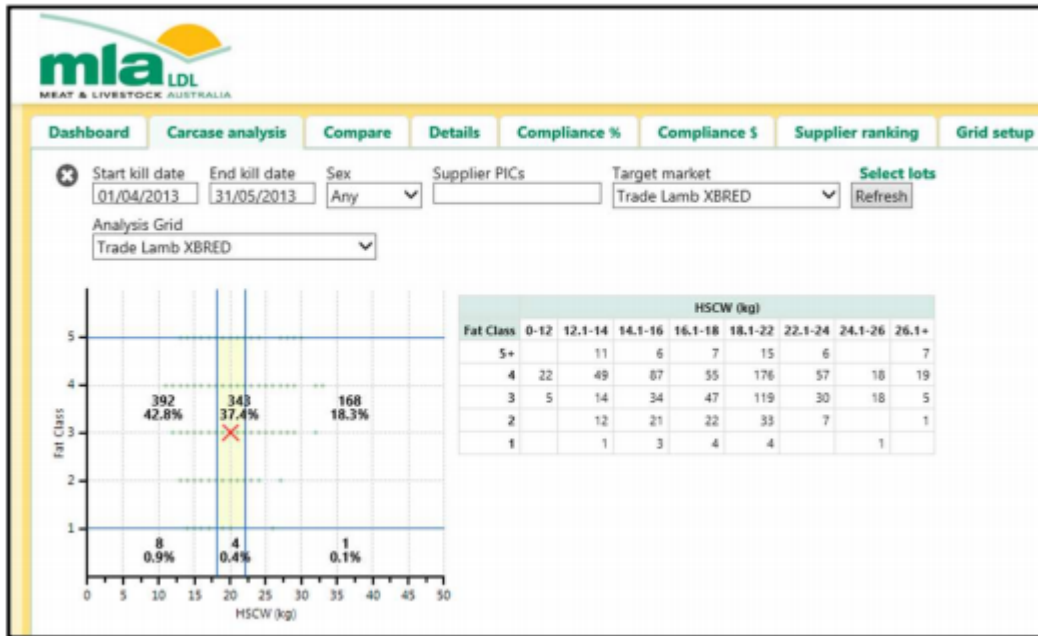
	Today	Yesterday	Last Week	Last Month	Last Year
EYCI(c/kg dw)	298.75	- 0.25	- 2.25	- 13.75	+ 22.5
Head ^a	7939	- 9	+ 2883	+ 1484	+ 163

Please note: NSW saleyards were included in the EYCI from August 1996, Victorian saleyards from May 1997 and Queensland saleyards from October 1999. Feeder cattle were included in the EYCI from 17 November 2004

Producing both the Eastern Young Cattle Indicator and the National Trade Lamb Indicator

MLA has developed Livestock Data Link to provide carcase feedback

- MLA launched LDL this year
- Beef and lamb carcase feedback
- Platform to drive continuous improvement in meeting market specifications

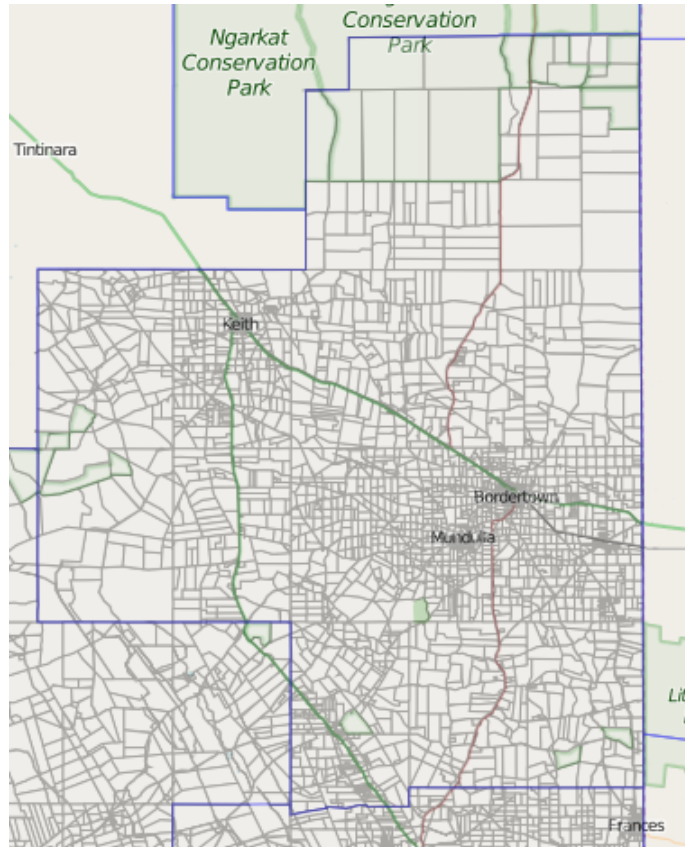


Screenshot of LDL report interface: Trade Lamb

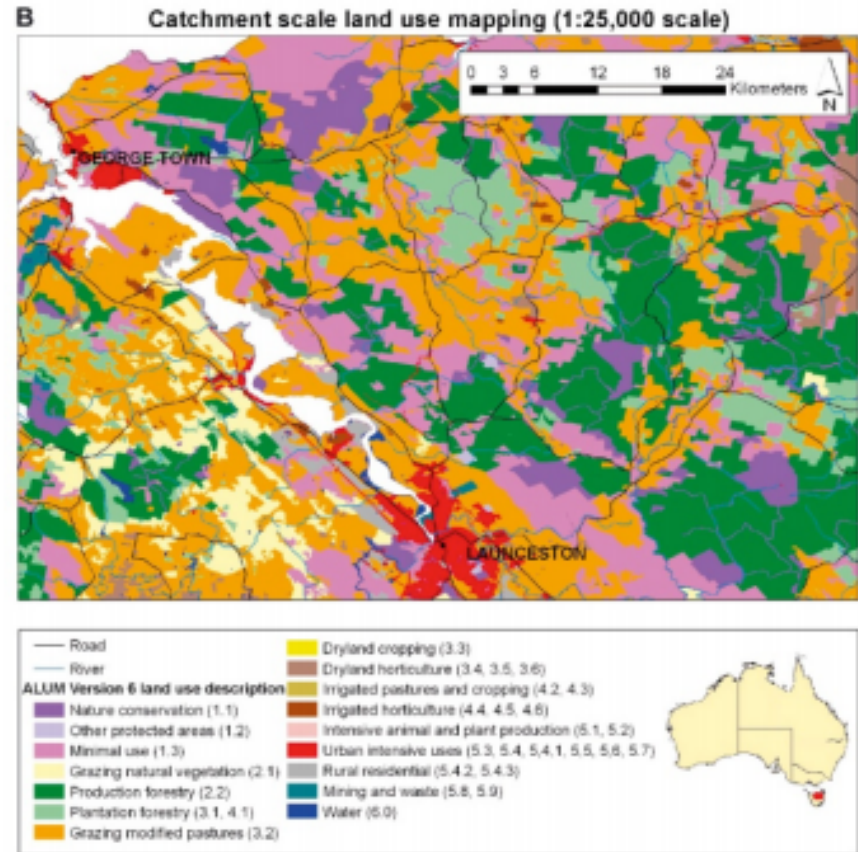
... improving compliance will improve returns and lift average returns

Land use is determined through a mix of spatial and ground based measures and processes

Information is gathered and recorded at property level – satellite and physical inspection.



Allowing it to be mapped and analysed at both micro (property) and macro (region / state etc) levels.



Additional layers of satellite and ground data can be added – e.g. weather, soil quality and moisture, NDVI

What are the best records for your operations?

The best records are:

- the records you keep
- the records you share (benchmarking)
- timely and accurate
- consistent in format
- automatically updated where possible

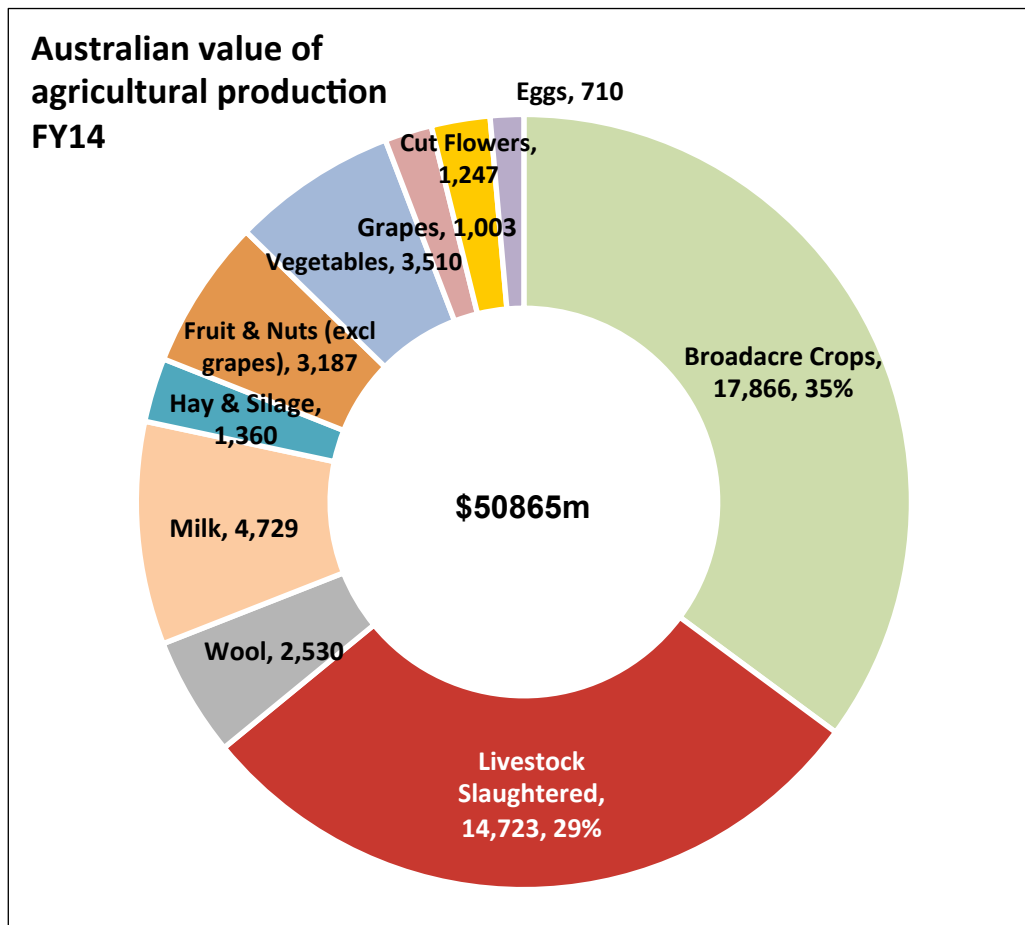
... and

- provide business insight
- support decisions

... those that pass the usefulness test

What is the red meat industry worth?

Australian agriculture produces \$51bn at the farm gate



- Total value \$51bn
- Livestock is ~\$15bn or 29%

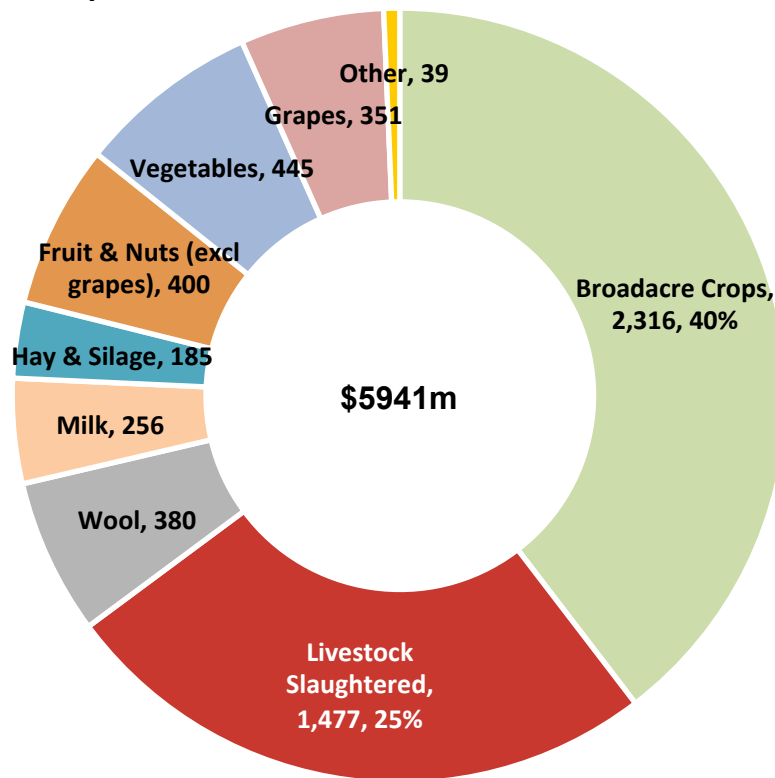


... which is value added to create \$24bn of value of which two thirds is exported

Livestock is a large part of a large industry nationally

SA Agriculture produces \$6bn at the farm gate

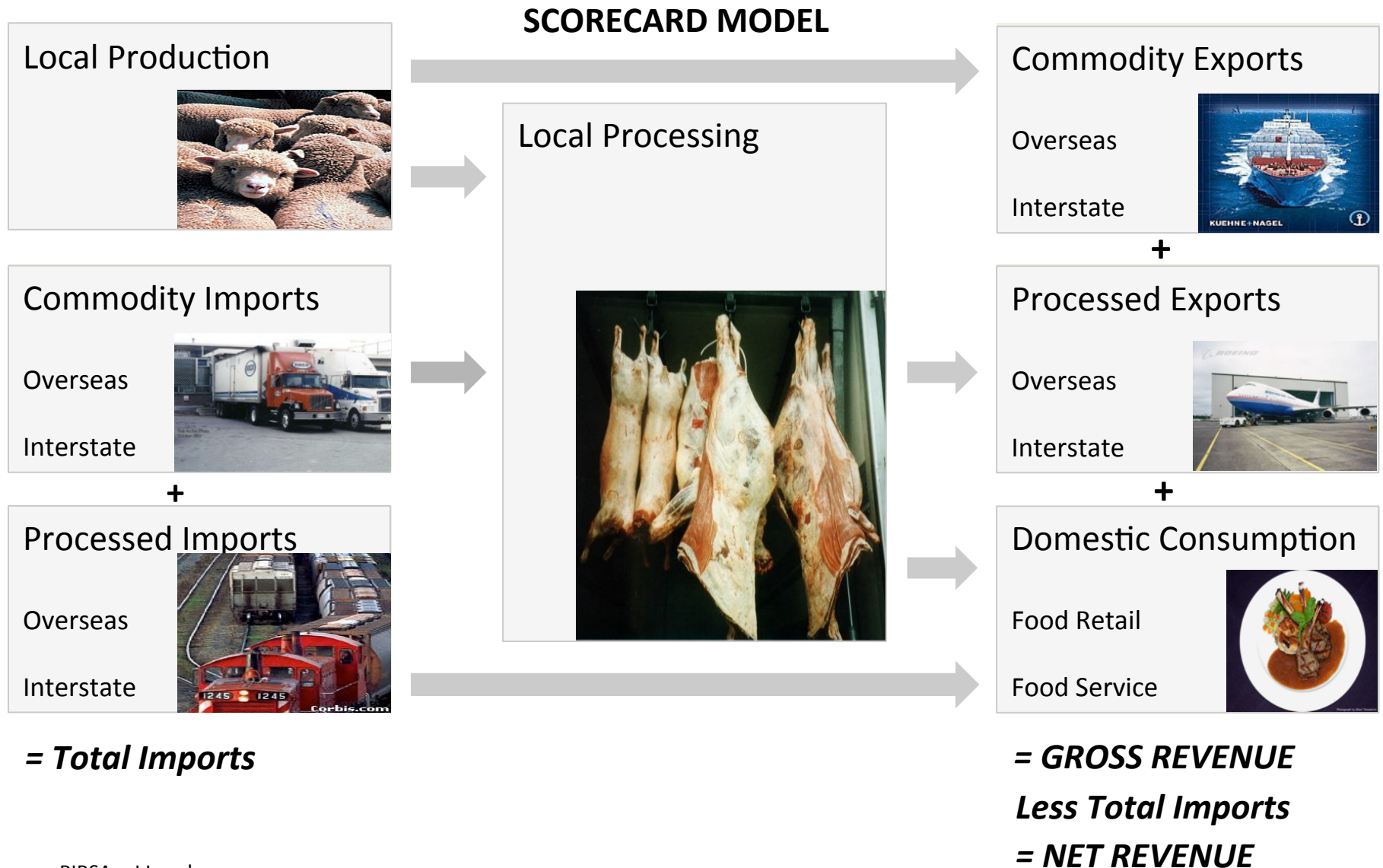
South Aust value of
agricultural production
FY14



- Total state value \$6bn
- Livestock (meat) is ~ \$1.5bn or 25%

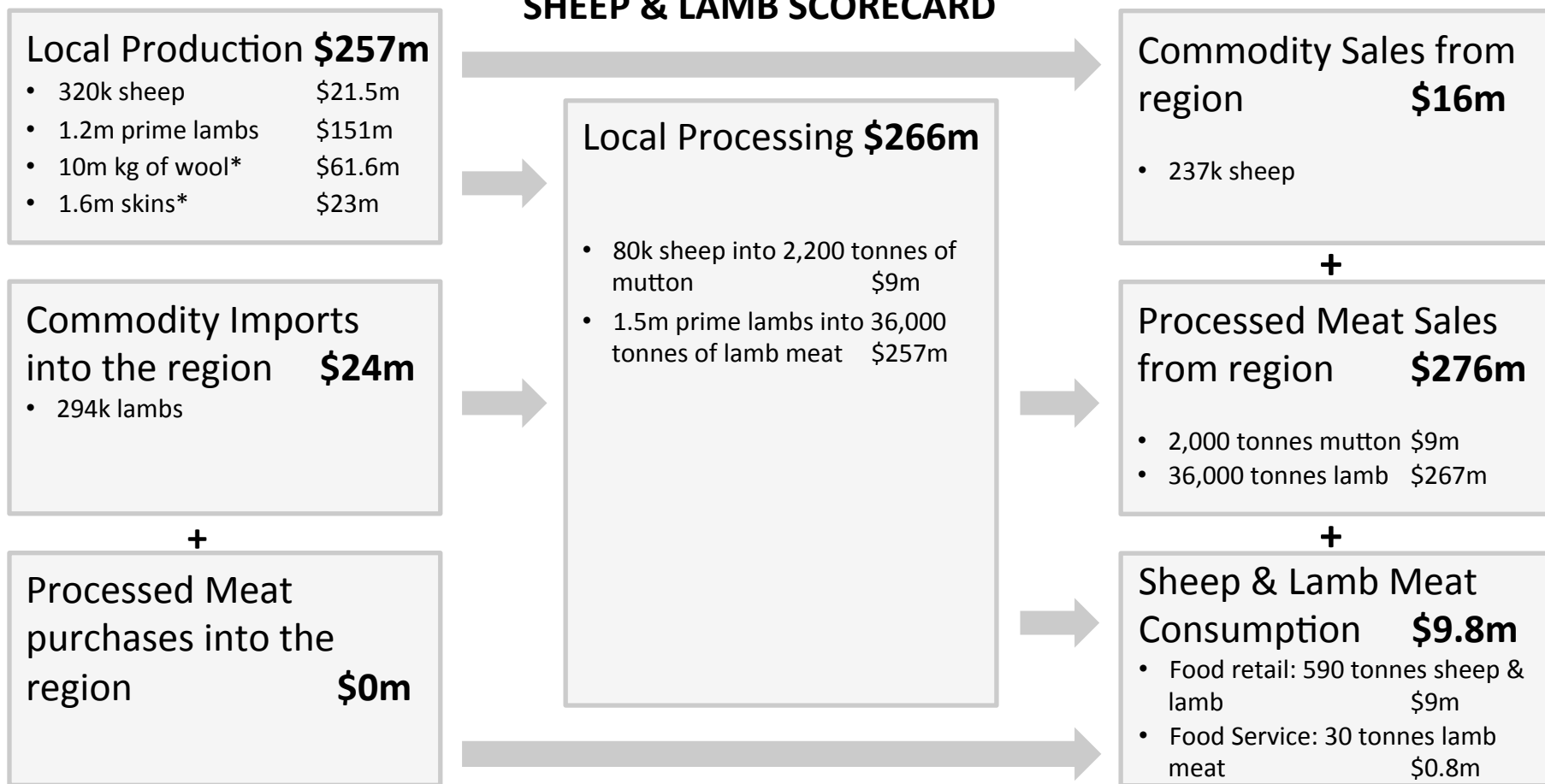
Livestock is a large part of a large industry in South Australia

PIRSA produces a SCORECARD for each region



Limestone Coast Sheep & Lamb: 2013-14

SHEEP & LAMB SCORECARD



= Total Imports \$24m

= Gross Sheep & Lamb Revenue \$301m

Less Total Imports \$24m

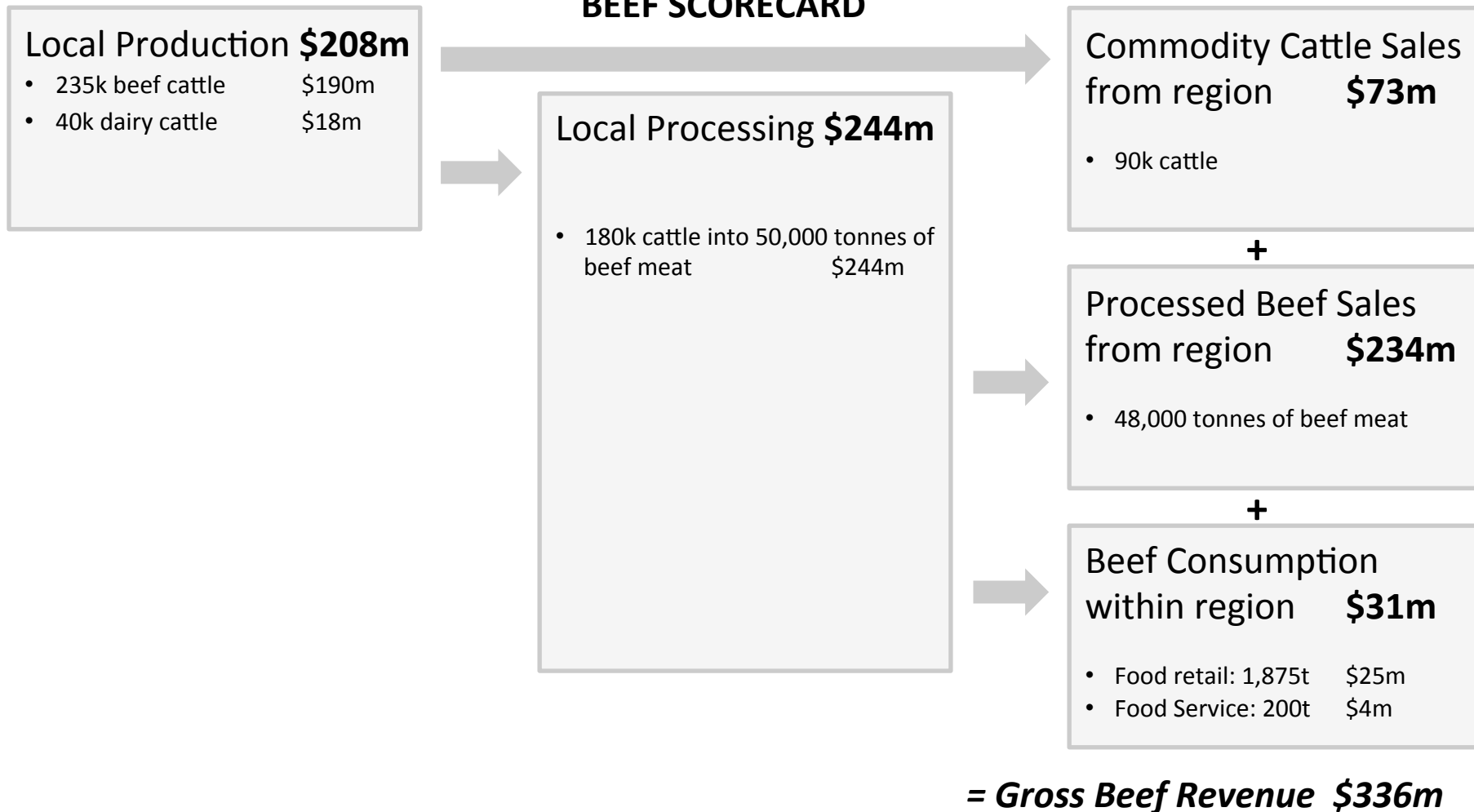
= Net Sheep Revenue \$277m

* Wool & skins measured at farm gate are not included in Gross Sheep Meat Revenue

Source: PIRSA - J Langberg – values exclude “Coorong” statistics

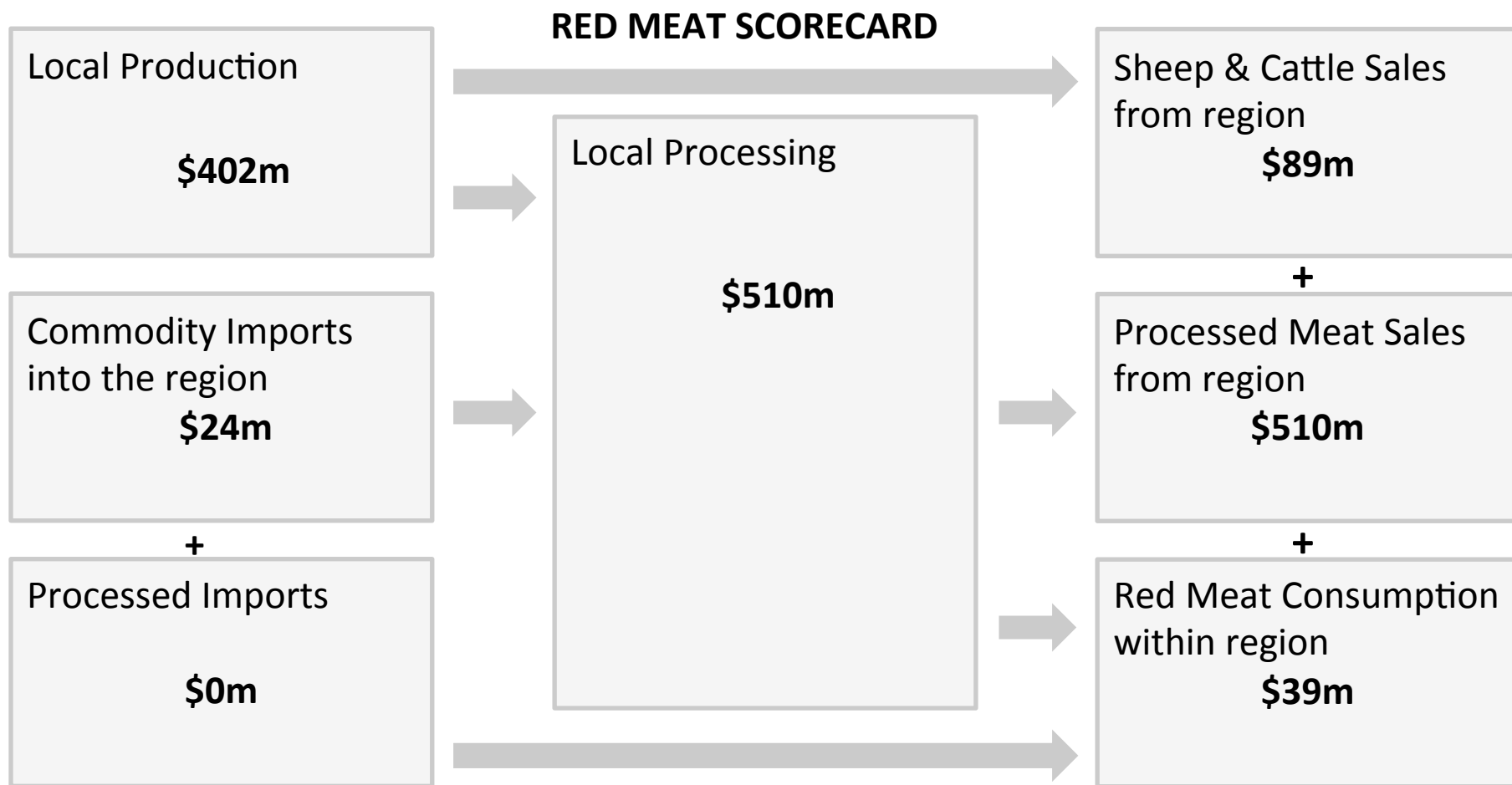
Limestone Coast Beef: 2013-14

BEEF SCORECARD



Limestone Coast Red Meat: 2013-14

A third of SA's red meat industry



= Total Imports \$24m

= Gross Red Meat Revenue \$638m

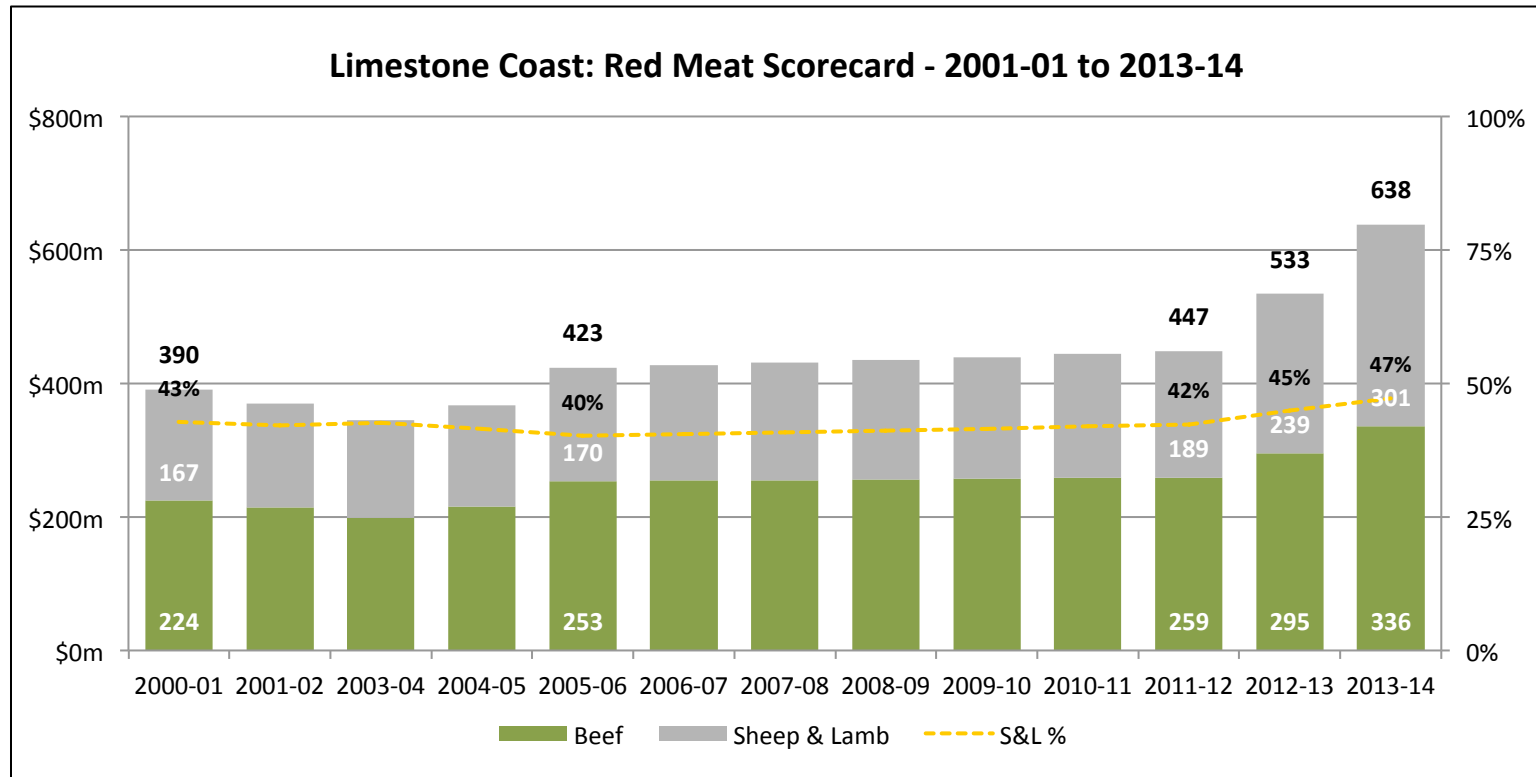
Less Total Imports \$24m

= Net Red Meat Revenue \$614m

* Wool & skins measured at farm gate are not included in Gross Sheep Meat Revenue

Source: PIRSA - J Langberg – values exclude “Coorong” statistics

Limestone Coast Red Meat Gross Food Revenue, 2000-01 to 2013-14

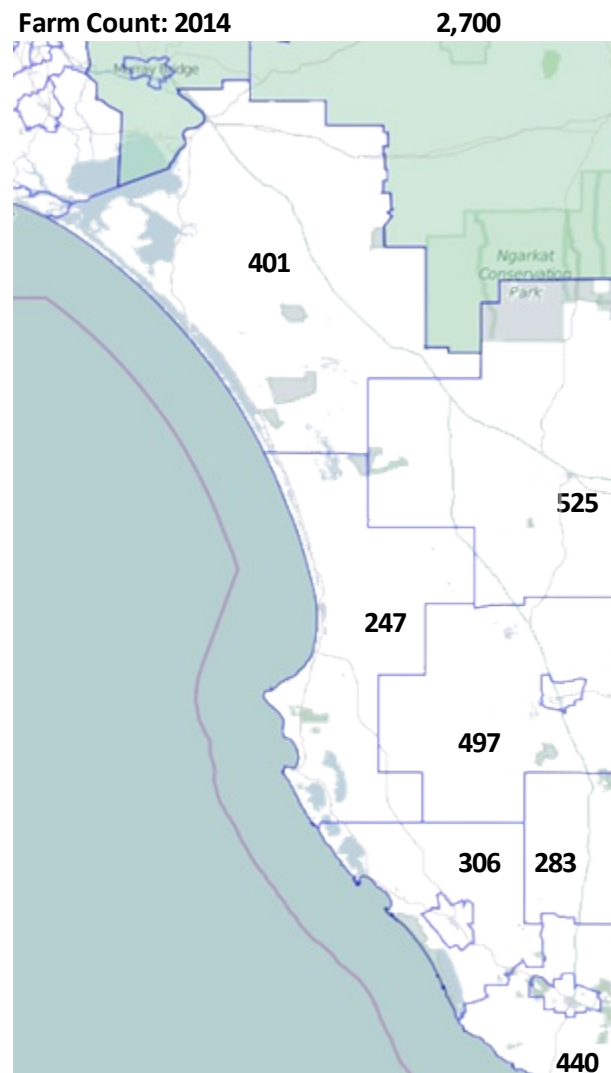
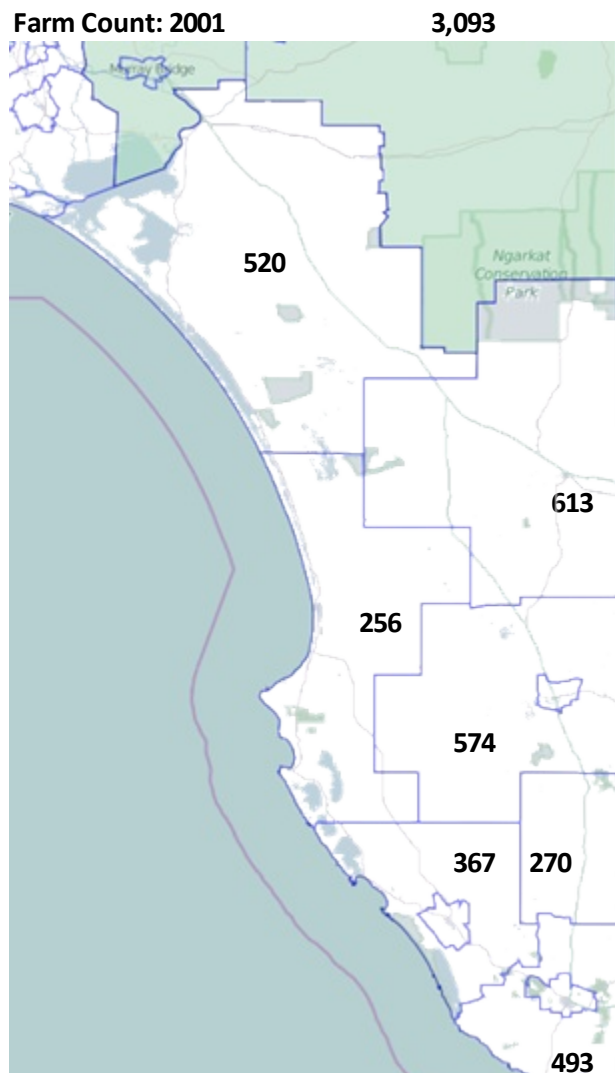


>60% uplift in value since 2000-01 with Prime Lamb increasing its share

Cattle and sheep numbers

(ABS Data)

ABS: Limestone Coast: Farming Enterprises



Change	
-393	-13%

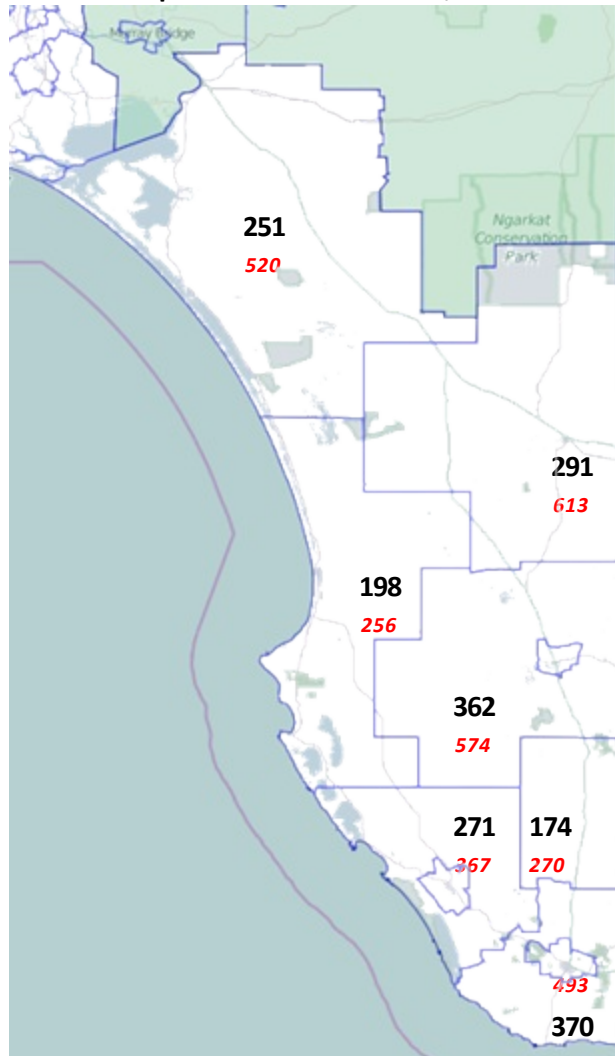
SA	LC Shr
13,349	20%

Aust	LC Shr
128,489	2.1%

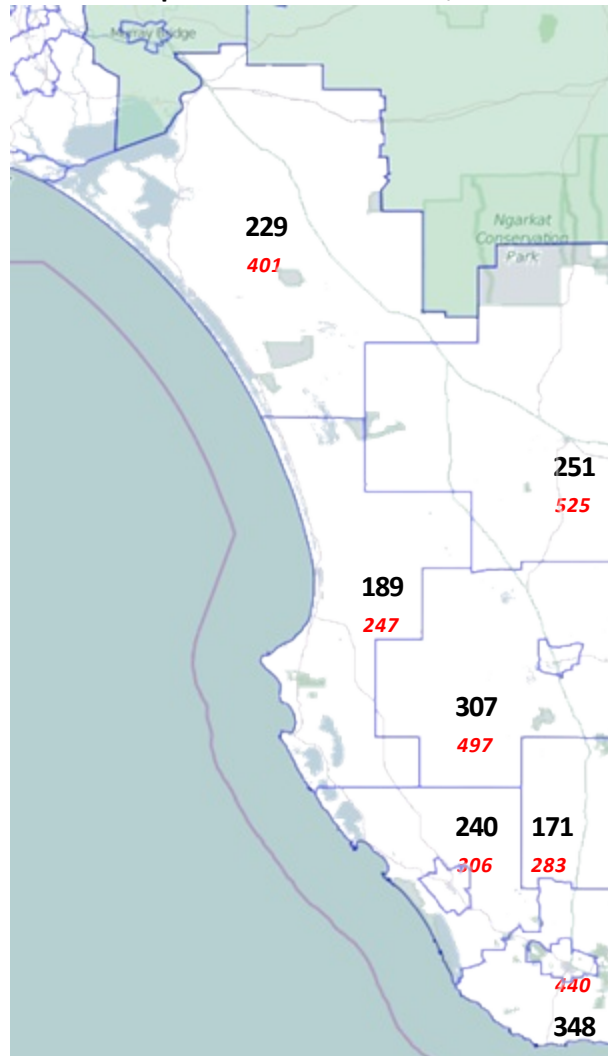
Farm
consolidation is
happening

ABS: Limestone Coast: Cattle Enterprises

Cattle Enterprises: 2001 1,917



Cattle Enterprises: 2013 1,735



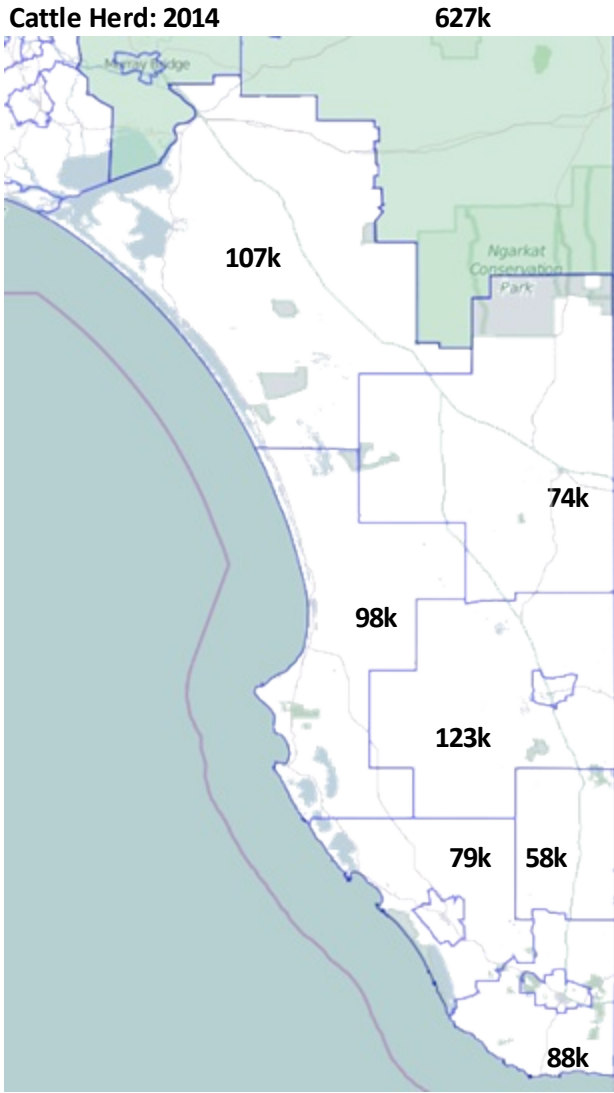
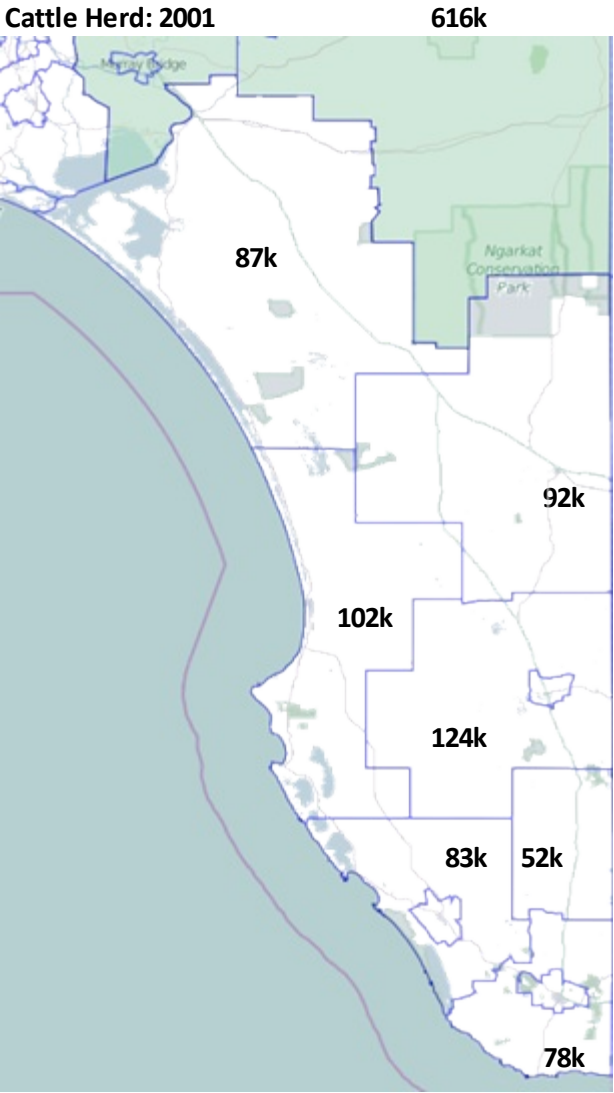
Change	
-182	-9%

SA	LC Shr
4,363	40%

Aust	LC Shr
71,250	2.4%

% of Farms with Cattle	
2001	2013
62%	64%

ABS: Limestone Coast: Cattle Herd



Change	
11k	2%

SA	LC Shr
1,110k	56%

Aust	LC Shr
26,290k	2.4%

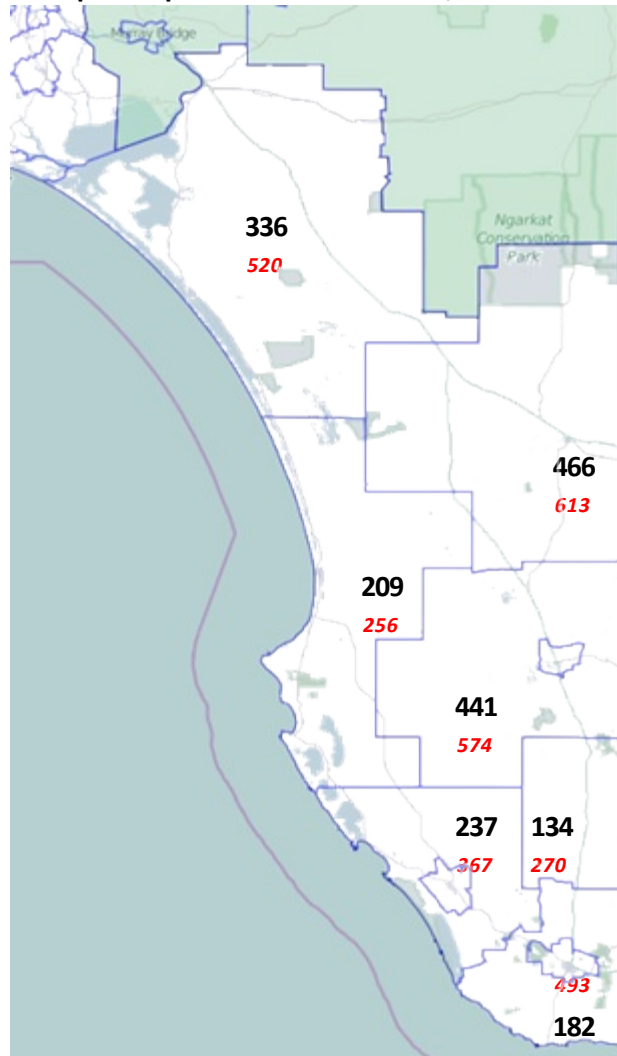
Average Cattle Herd	
2001	2014
321	361

The Limestone Coast region holds 56% of SA herd and 2.4% of the national herd

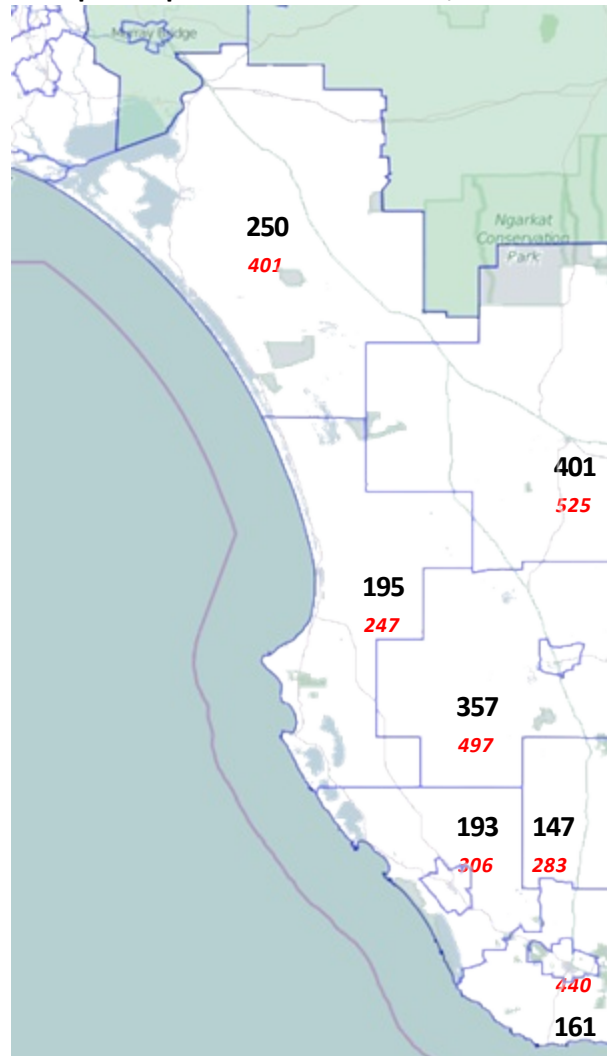
Source: ABS Data: Neil Clarke & Associates – Beef Cattle

ABS: Limestone Coast: Sheep Enterprises

Sheep Enterprises: 2001 2,005



Sheep Enterprises: 2013 1,704



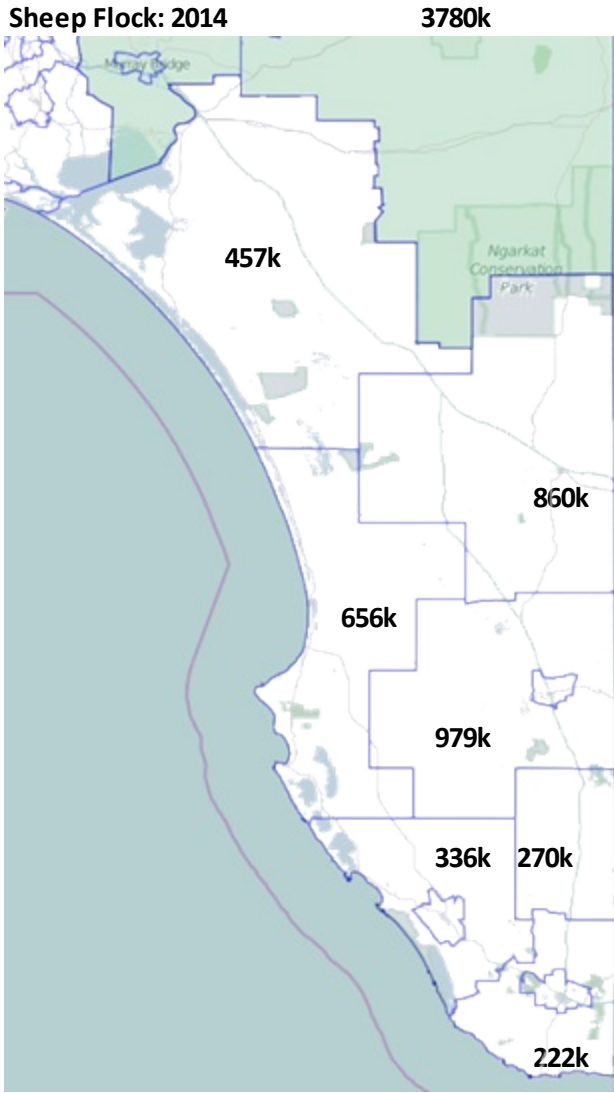
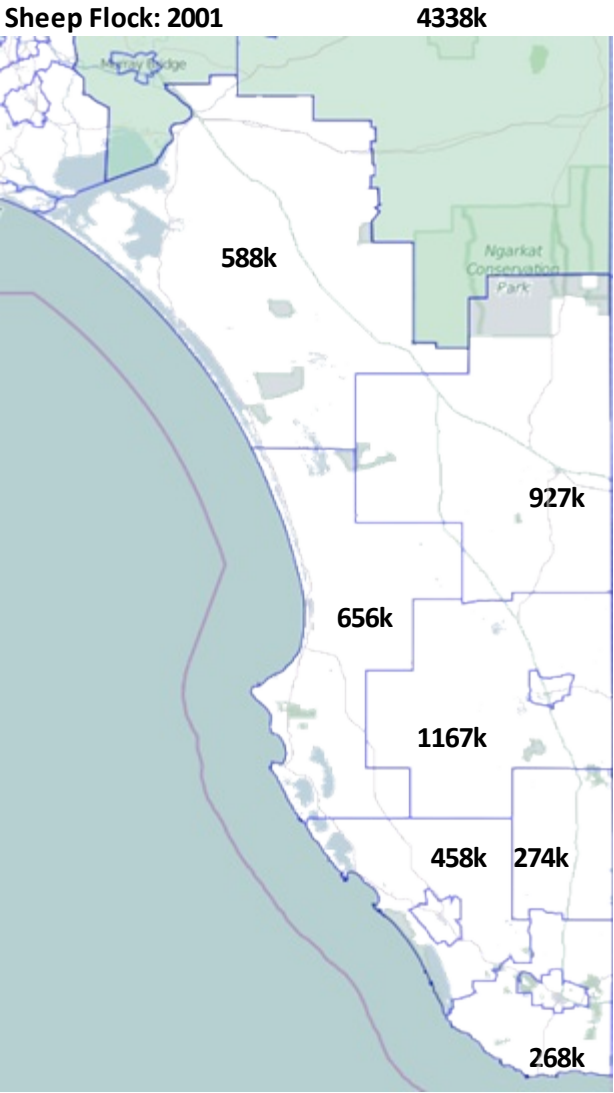
Change	
-301	-15%

SA	LC Shr
6,271	27%

Aust	LC Shr
41,982	4.1%

% of Farms with Sheep	
2001	2013
65%	63%

ABS: Limestone Coast: Sheep Flock



Change	
-558k	-13%

SA	LC Shr
10,971k	34%

Aust	LC Shr
72,571k	5.2%

Average Flock Size	
2001	2014
2,164	2,218
Change 2.5%	

The Limestone Coast region holds 34% of SA flock and 5.2% of the national flock

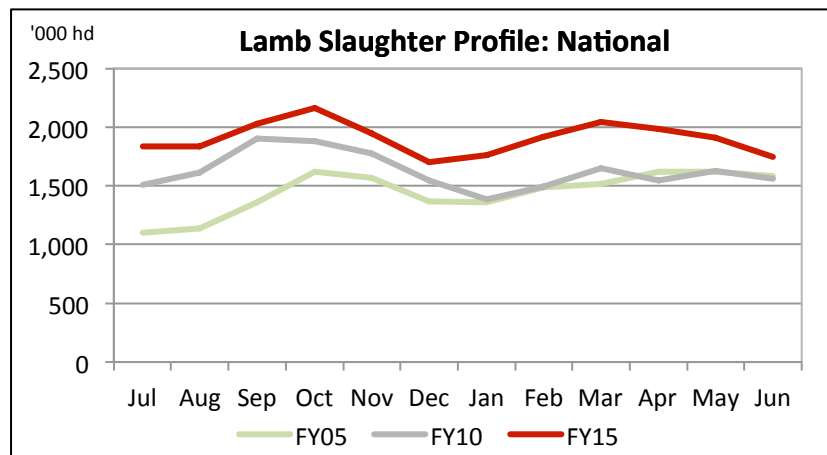
Source: ABS Data: Neil Clarke & Associates

SA slaughter profile

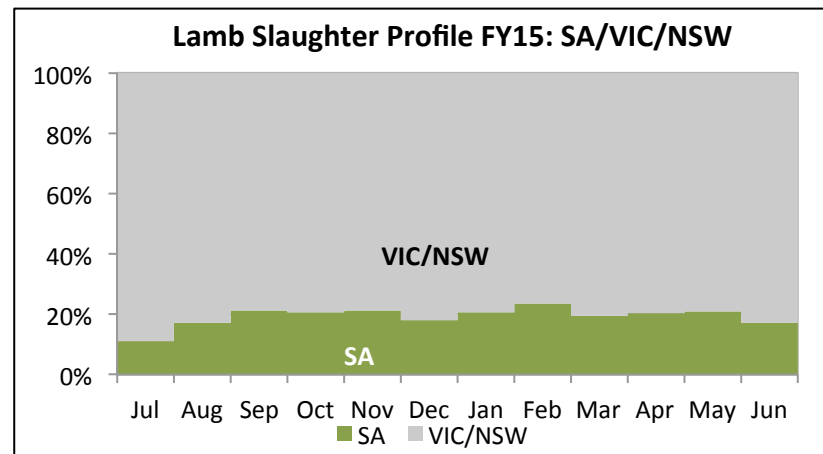
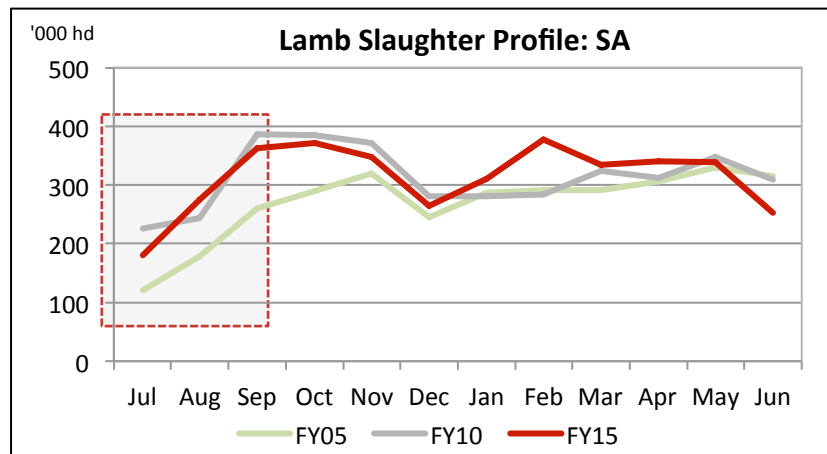
According to ABS

(based on location of slaughter not source of livestock)

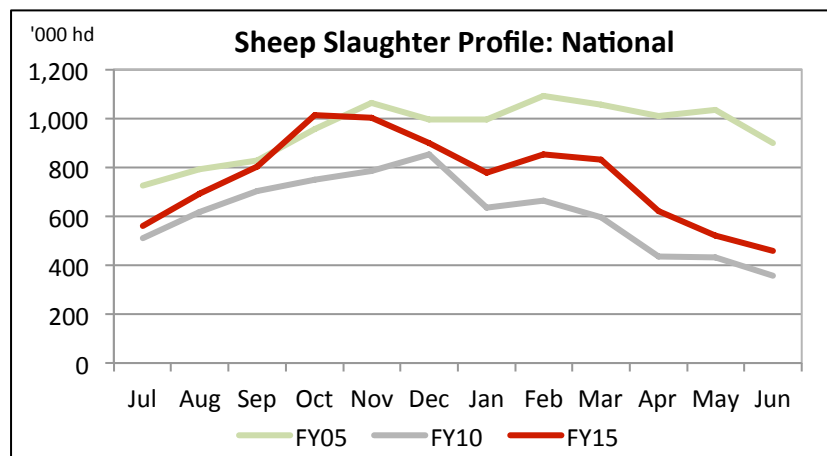
SA accounts for ~18% of the national lamb kill but reveals a more volatile profile



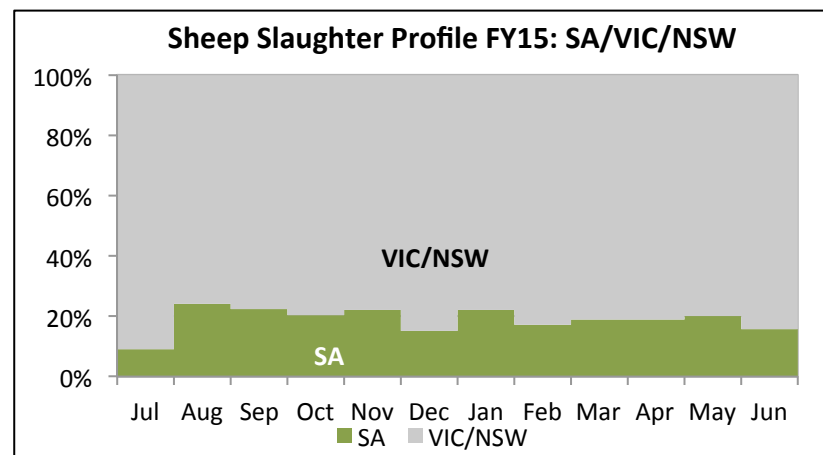
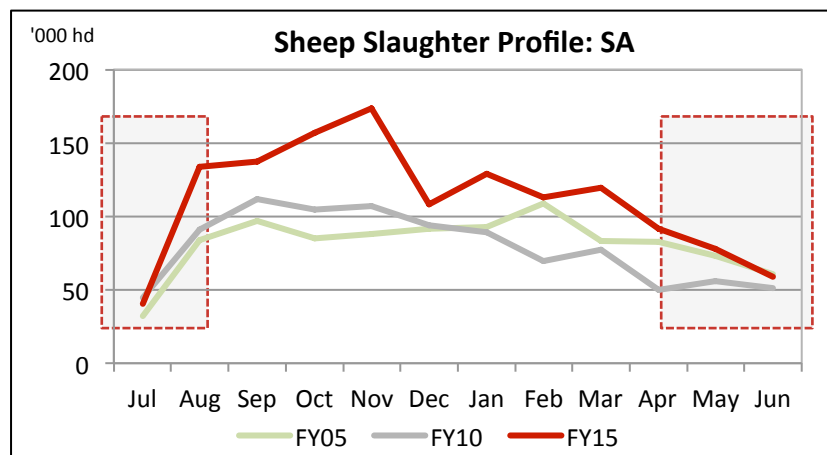
- From FY05-FY15 SA processed 18% of lambs nationally
- The production profile is more volatile than the national profile due to local production characteristics (e.g. July drops to ~13% of national kill)
- More locally, SA represents 21% of combined SA/VIC/NSW lamb production over the same period (avg 15% in July)



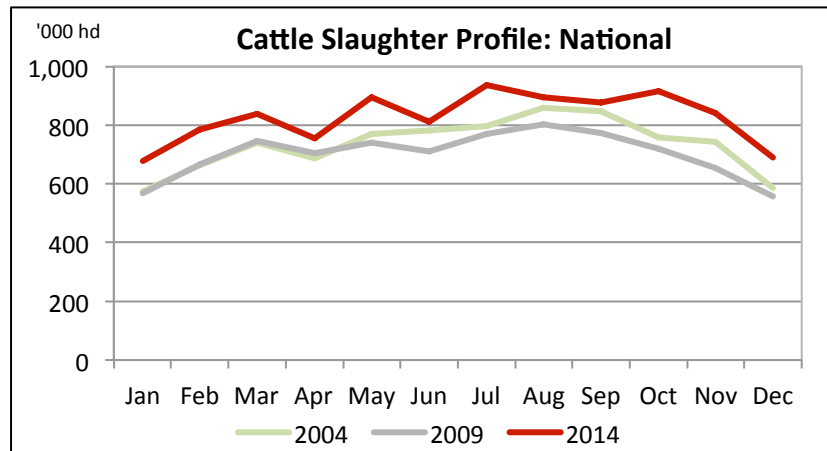
SA accounts for ~12% of the national sheep kill with similar volatility to lamb production



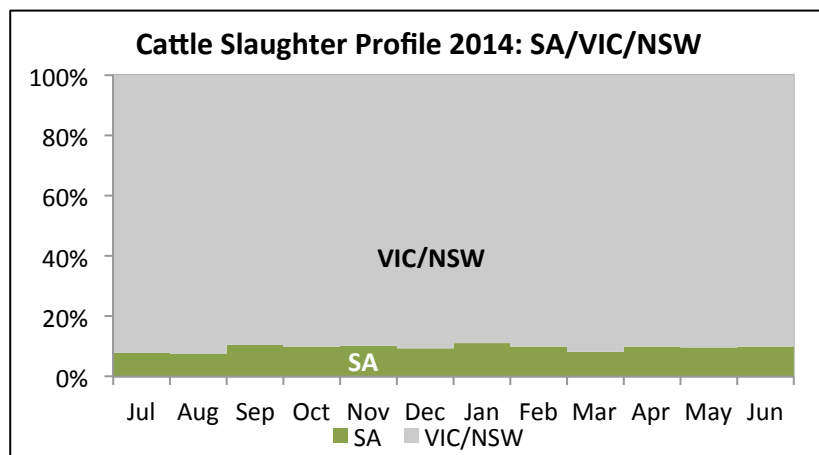
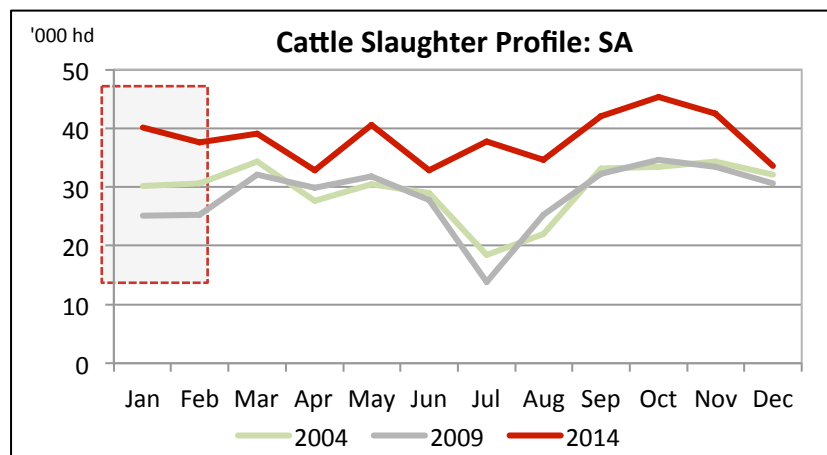
- From FY05-FY15 SA processed 12% of sheep nationally
- The production profile is more volatile than the national profile due to local production characteristics (e.g. July drops to ~9% of national kill)
- More locally, SA represents 17% of combined SA/VIC/NSW sheep production over the same period (avg 11% in July)



SA accounts for ~4% of the national cattle kill



- From FY05-FY15 SA processed 4% of cattle (for human consumption) nationally
- The production profile has historically shown greater volatility although 2014 flatter
- More locally, SA represents 9% of combined SA/VIC/NSW cattle production over the same period (avg 6% in July)



Source: ABS 7218 – cattle slaughtered for human consumption

Limestone Coast: Processor profile and position of Limestone Coast production



- The Limestone Coast & Coorong region produces ~1.9m sheep/lambs each year. Whilst they are not all processed within in SA this figure represents 39% of avg sheep/lambs slaughtered each year in SA and ~30% of estimated effective capacity.
- The region produces ~250k slaughter cattle each year. As with sheep/lambs, not all are processed in SA however this figure represents ~60% of cattle slaughtered in SA and ~50% of effective capacity.
- The development of further strategic supply arrangements with local processors could benefit the region's red meat industry.
- There is demand and capacity for the LC region to expand supply, particularly in sheep / lambs

Company	Location	Species	Max hd/day	Est Cap hd/yr
JBS	Bordertown	Shp / Lambs	8,000	2,000,000
TFI	Lobethal	Shp / Lambs	5,000	1,200,000
TFI	Murray Bridge	Shp / Lambs	11,000	2,700,000
TFI	Murray Bridge	Cattle	1,200	180,000
Teys	Naracoorte	Cattle	805	220,000

region can fill ~30% of effective capacity

region can fill ~50%

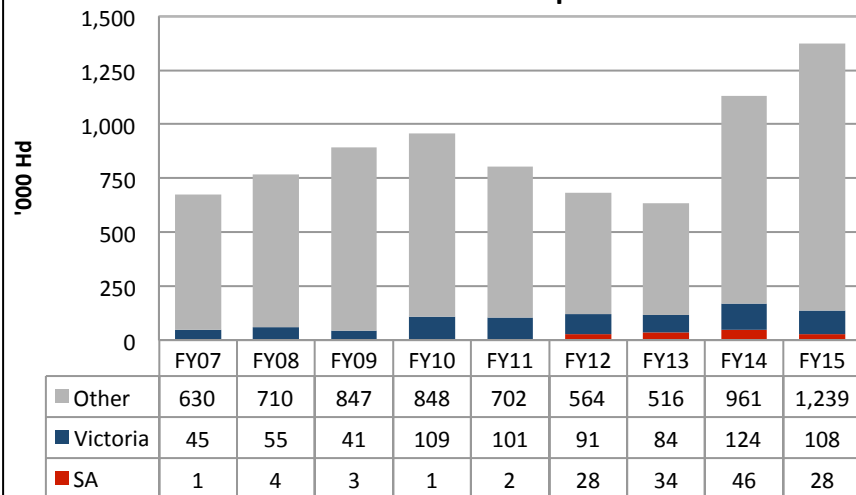
Source: Slaughter numbers based on NLIS data 5 year average to FY15. ABS Slaughter data used to estimated LC&Cg production as % of actual slaughter in SA – period FY11-FY15. Max head capacity from public domain articles. Estimated annual effective capacity based on 90% of max capacity running 46 weeks @ 6 days per week – actual data not available

Live Export

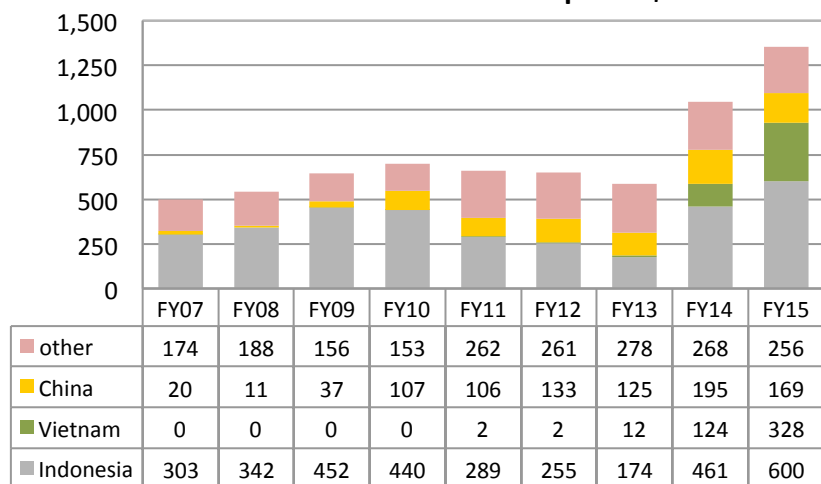
Australia's live cattle export market is worth > A\$1 bn

...

Australian Live Cattle Exports: '000 head



Australian Live Cattle Exports: \$m

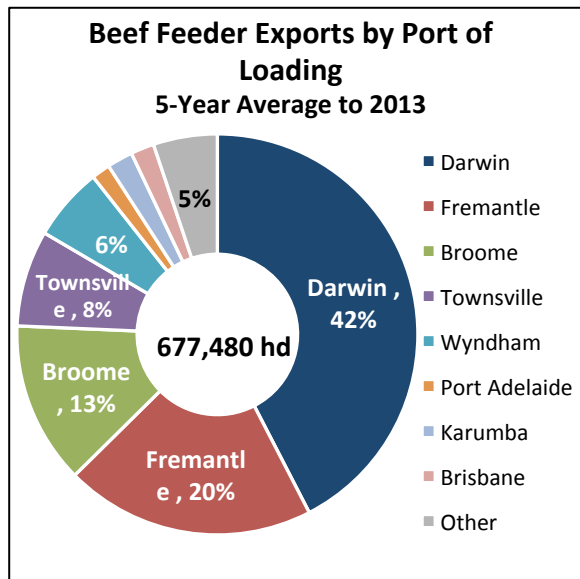


Source: MLA

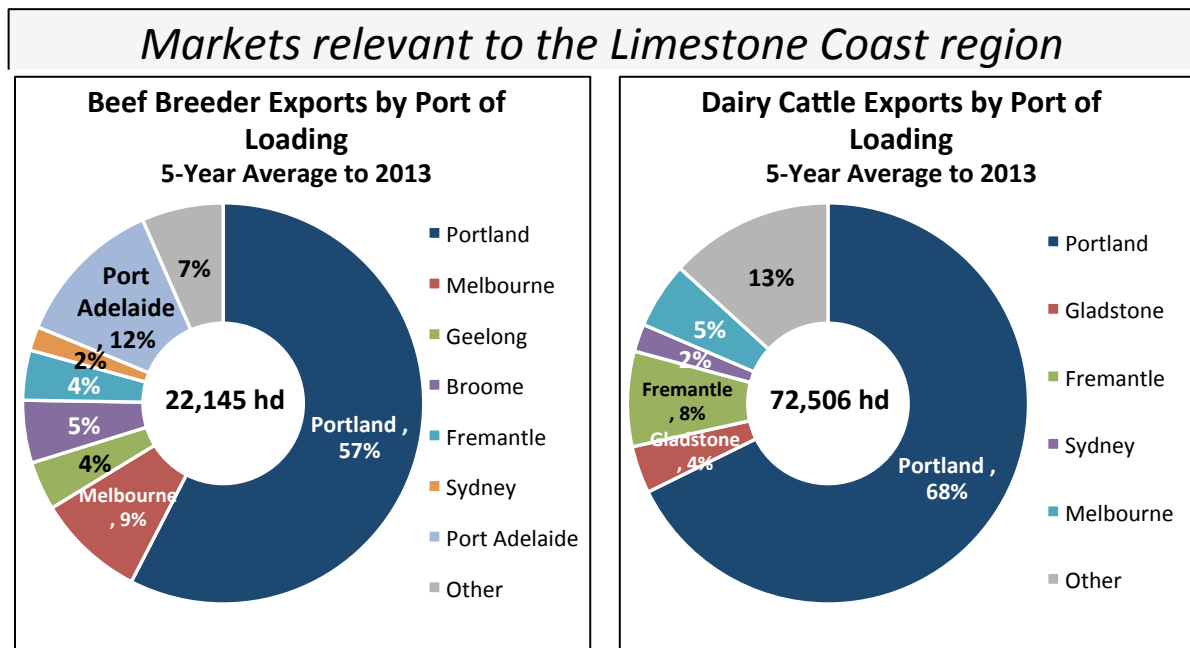
- The live export market averaged ~750k head until FY13 but has surpassed 1m head for the last two years
- Total value reached \$1.4 bn in FY15 with Vietnam an emerging and growing market representing 24% of value in FY15
- Whilst Indonesia is still the dominant market fed by northern cattle, beef breeding and dairy Cattle from Southern Australia represent ~20% of the value of exports

Southern Australia is the major source of breeders and dairy – with growing demand

NB: 2013 data



- ~95% of shipments are from Northern and Western Australia
- All exports via ship – last air transport in 2003

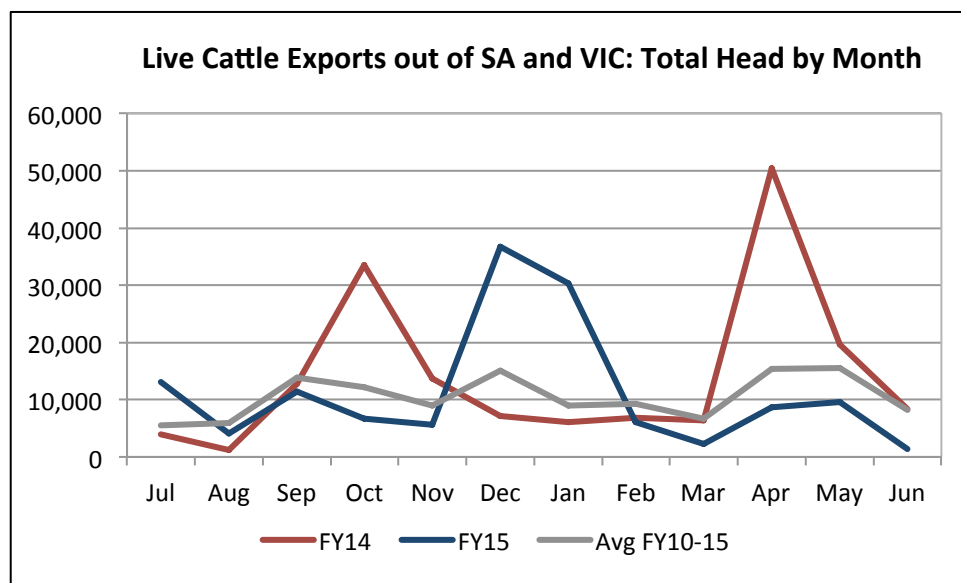


- ~90% of shipments are from Southern Australia with the balance from Western Australia
- All exports via ship – last air transport in 2003
- ~90% of shipments are from Southern Australia with the balance from Western Australia and Queensland
- Geelong shipped ~10k head in 2011 & 2012 but not listed in other years
- No air freight since 2003

... with beef feeders sourced mainly from Northern and Western Australia while breeders and dairy are sourced mainly from Southern Australia

Exports from SA & VIC – Monthly Profile

The live cattle export market out of SA and VIC is a growing market for the region



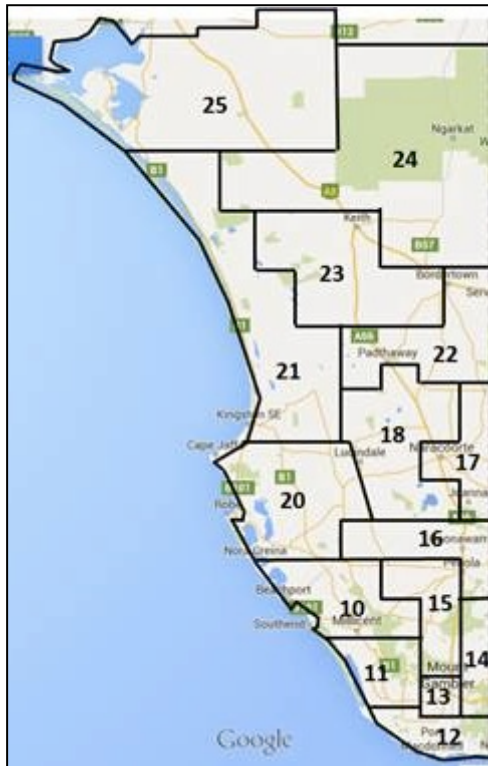
- Live cattle exports out of SA & VIC averaged ~125k head annually for the last 6 years
- Live cattle exports out of SA & VIC peaked in FY 14 at ~170k head
- Portland handled ~63% of volume in FY15 with Geelong handling the majority of the balance.

Livestock flows into and out of the Limestone Coast (NLIS Data)

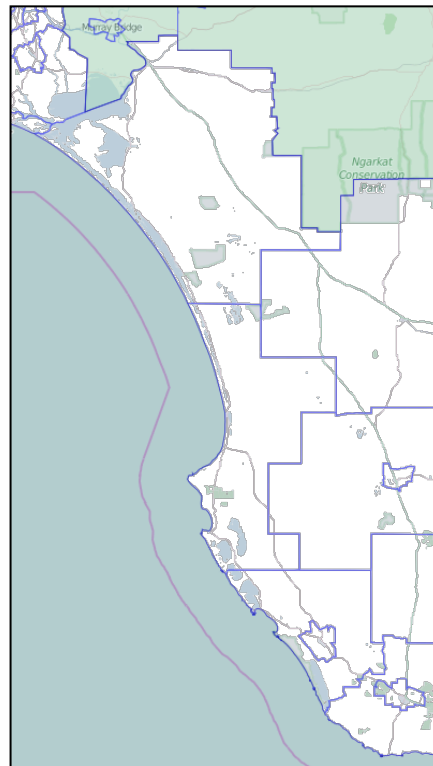
1st Stage Analysis

NLIS has property level data but summarised in regions that differ from ABS and ABARES

NLIS geographies



ABS geographies



We could exactly reconcile the two geometries ...

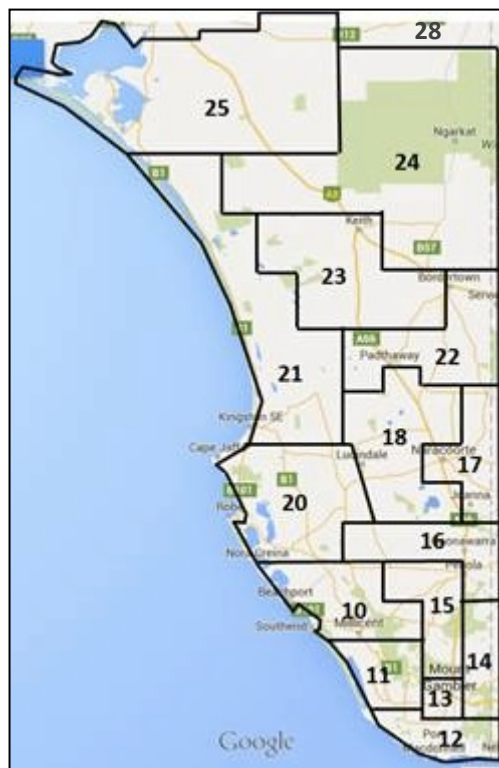
... but that requires PIC level data to which we could not get access at this point.

As a compromise we have estimated the relationship between the two data sets based on land use related to livestock activities

The Cluster Group is the first to have access to NLIS data for “commercial” purposes

Land use data provided a basis for aligning NLIS Zones with ABS Geographies ...

Land use related to livestock production provided a more reliable allocation methodology than total area alone



NLIS Zone Name	Zone #
Lower South East	10
Lower South East	11
Lower South East	12
Lower South East	13
Lower South East	14
Lower South East	15
Mid South East	16
Mid South East	17
Mid South East	18
Mid South East	20
Upper South East	21
Upper South East	22
Upper South East	23
Upper South East	24
Murray Mallee	25
Murray Mallee	28

Livestock Use Allocation	
% in LC	% in LC+Cg
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
73%	100%
100%	100%
86%	100%
46%	81%
0%	89%
0%	23%

Total Area Allocation	
% in LC	% in LC+Cg
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
100%	100%
66%	100%
100%	100%
85%	100%
39%	59%
0%	90%
0%	21%

... enabling the allocation of NLIS Zones to ABS geographies representing the Limestone Coast (with and without the Coorong included)

Limestone Coast & Coorong: Total Movements: Cattle

23% increase in slaughter stock and net exit increase of 29% ...

... is this productivity, depletion or switching to other enterprises (or a combination)?

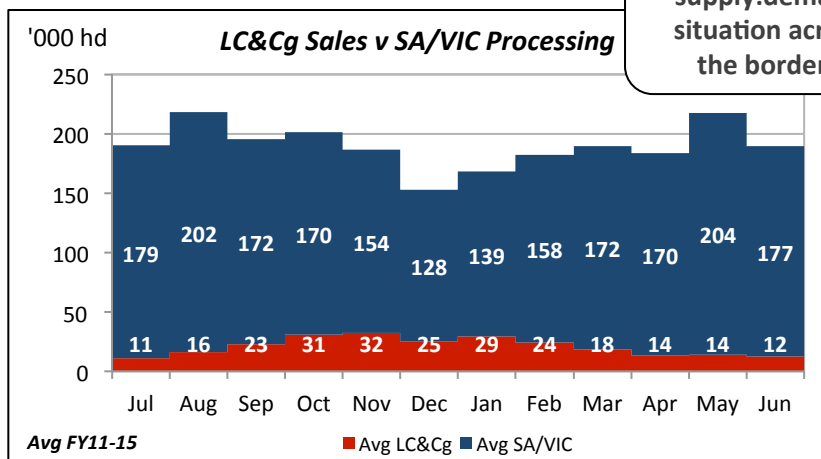
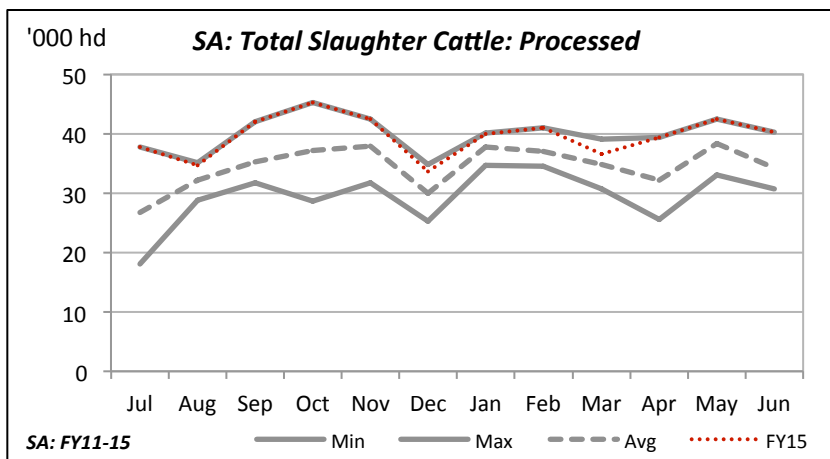
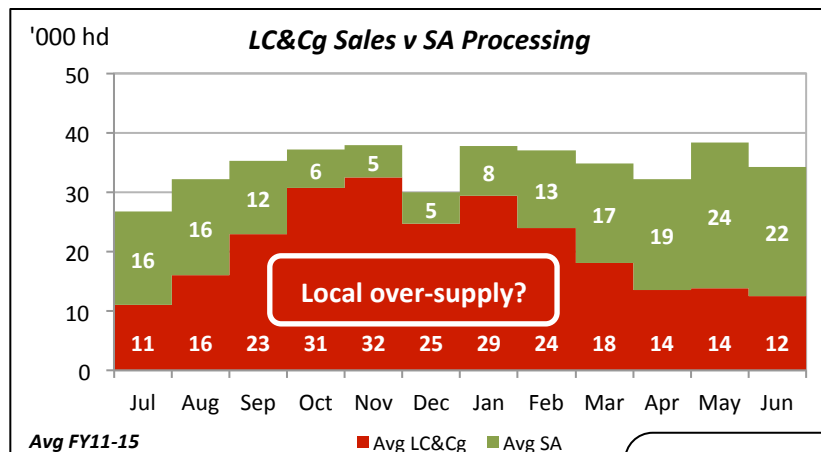
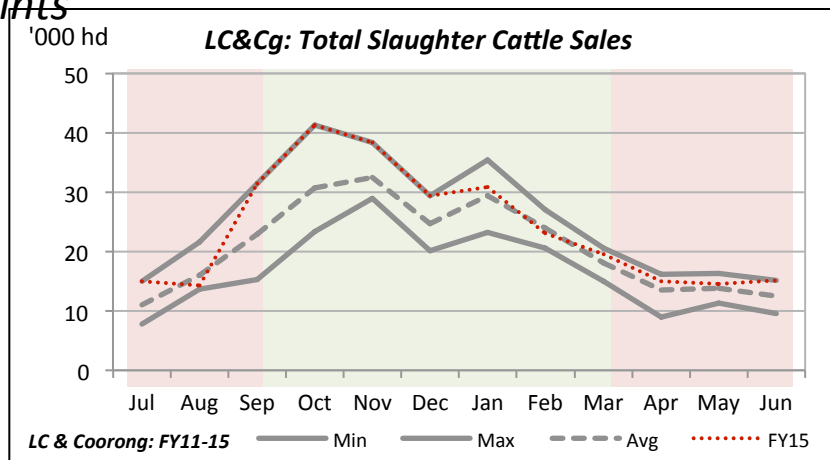
Reconciliation: LC & Coorong

Flow	Type	Channel	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2011-15
Zone to Proc	Slaughter	All Channels	233,525	219,381	242,706	260,269	287,941	⇒ 23%
Total Exit from LC	Store	All Channels	121,166	105,984	94,329	103,206	140,186	⇒ 16%
Total Into LC	Store	All Channels	124,567	78,468	97,506	118,563	130,751	⇒ 5%
Net Movements	Store	All Channels	3,401	-27,515	3,177	15,356	-9,435	
All Movements	SI & Str	All Channels	585,134	488,489	517,319	579,023	653,330	⇒ 12%
Net Movements	SI & Str	All Channels	-230,124	-246,896	-239,529	-244,913	-297,376	⇒ 29%
Internal Store Movements: to & from			105,876	84,656	82,778	96,984	94,451	
Slaughter Movements: % Direct			45%	55%	64%	64%	62%	
Internal Store Movements: % Direct			60%	57%	56%	56%	67%	
External Store Movements: % Direct			64%	58%	63%	62%	62%	

- Direct slaughter sales increase from 45% to 62% share with a holding pattern in recent years possibly driven by price and season*
- Internal movements of average 93k head (within the region) account for 14% of total movements*

Limestone Coast & Coorong: Slaughter Cattle: Production/Sales v Processing Profiles

Can we use this data to influence marketing strategies? – identifying key supply:demand points

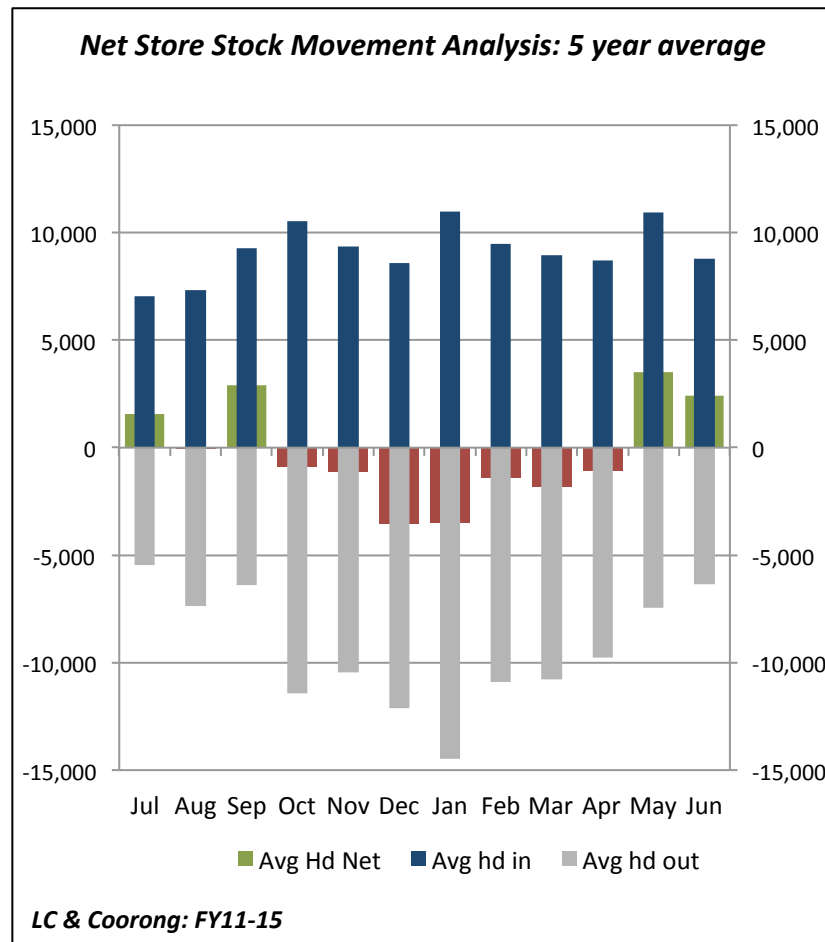
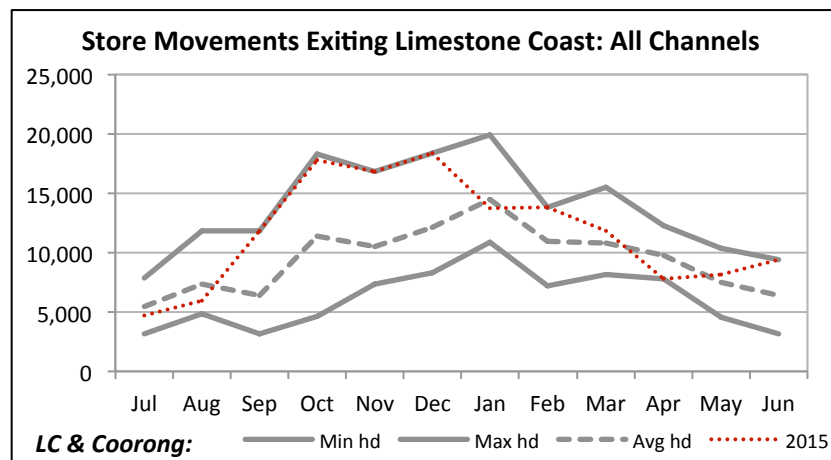
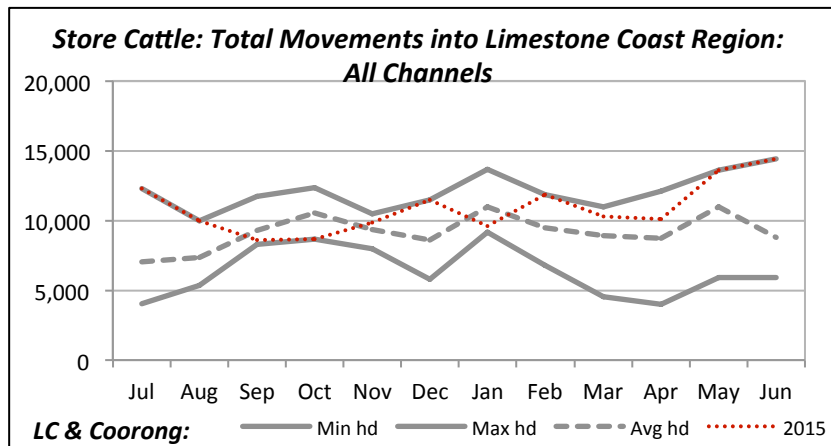


What is the supply:demand situation across the border?

Using the national NLIS dataset we would understand these dynamics far better

Limestone Coast & Coorong: Net Movements: Store Cattle

What insights for performance improvements can we draw from a better understanding of store movements into and out of the region?



Limestone Coast & Coorong: Internal Movements: Store Cattle – Direct from Property: FY11

Flow matrix of direct movements between NLIS zones within the South East Region

DIRECT	To ➡																
From ➡	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	399	25	0	3	25	223	270	0	45	239	272	27	0	0	958	0	2,486
SA11	292	322	41	19	73	105	0	11	177	146	0	0	74	0	4	0	1,264
SA12	11	225	653	209	150	41	42	0	109	0	0	0	700	0	0	0	2,140
SA13	48	128	128	567	147	152	16	0	11	0	27	0	0	10	15	0	1,249
SA14	0	11	65	95	115	106	30	5	22	80	25	1	0	0	0	0	555
SA15	168	422	4	199	66	525	121	33	84	79	0	0	0	0	89	0	1,790
SA16	182	1	109	113	31	69	381	27	623	65	3	0	1	0	143	0	1,748
SA17	26	28	38	42	0	12	53	194	360	461	2	39	30	0	293	0	1,578
SA18	16	4	5	44	172	20	1,228	448	1,300	936	86	46	11	292	2,234	0	6,842
SA20	1,517	29	125	3	68	152	241	360	1,742	3,695	118	10	106	87	2,005	0	10,258
SA21	40	119	0	26	0	35	0	350	386	840	718	291	353	220	2,253	0	5,631
SA22	106	3	2	66	3	275	102	159	21	121	62	153	632	95	1,091	1	2,892
SA23	59	649	145	113	6	123	128	23	44	133	388	2,252	1,030	760	4,439	0	10,292
SA24	10	2	0	2	8	7	60	33	399	8	142	104	226	563	5,344	44	6,952
SA25	194	7	135	153	0	147	39	152	246	60	372	10	159	627	7,978	361	10,640
SA28	0	33	0	3	0	0	0	0	10	0	0	0	1	17	162	1	227
Total	3,068	2,008	1,450	1,657	864	1,992	2,711	1,795	5,579	6,863	2,215	2,933	3,323	2,671	27,008	407	66,544
Net	582	744	-690	408	309	202	963	217	-1,263	-3,395	-3,416	41	-6,969	-4,281	16,368	180	0

*19k or 28% of cattle movements were within the actual NLIS Zone (ie SA10 to SA10)
although not all are sales*

Limestone Coast & Coorong: Internal Movements: Store Cattle – via Saleyard: FY11

Flow matrix of saleyard movements between NLIS zones within the South East Region

SALEYARD To ➡

From ➡	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	634	111	103	134	150	224	111	48	240	100	26	22	134	244	249	0	2,530
SA11	352	109	166	358	151	108	147	1	157	38	21	0	0	168	155	0	1,931
SA12	96	197	264	562	256	444	259	23	404	31	39	25	12	97	132	0	2,841
SA13	145	90	44	279	104	247	75	6	339	38	1	2	0	39	72	0	1,481
SA14	73	75	201	201	249	261	107	22	213	45	66	1	0	73	138	0	1,725
SA15	160	87	110	261	130	243	144	11	462	11	28	4	29	90	173	0	1,943
SA16	73	57	240	79	39	689	378	49	426	180	47	111	113	133	178	0	2,792
SA17	60	19	25	17	24	66	121	144	393	21	0	193	50	68	409	0	1,610
SA18	480	312	205	404	268	725	505	579	1,109	380	207	486	218	259	868	0	7,005
SA20	482	179	402	401	290	726	355	204	538	210	59	268	193	318	664	0	5,289
SA21	388	176	80	267	138	581	317	291	289	80	6	302	148	140	494	4	3,701
SA22	58	12	87	135	102	279	224	179	435	79	28	230	13	112	278	25	2,276
SA23	66	61	28	100	76	223	261	191	415	140	52	333	221	161	349	0	2,677
SA24	114	33	116	166	276	219	309	59	415	98	70	340	121	181	290	0	2,807
SA25	85	11	41	9	9	24	105	169	318	78	45	209	185	254	459	16	2,017
SA28	42	38	45	43	32	43	0	0	4	0	1	1	9	50	138	99	545
Total	3,308	1,567	2,157	3,416	2,294	5,102	3,418	1,976	6,157	1,529	696	2,527	1,446	2,387	5,046	144	43,170
Net	778	-364	-684	1,935	569	3,159	626	366	-848	-3,760	-3,005	251	-1,231	-420	3,029	-401	0

*5k or 11% of cattle movements were within the actual NLIS Zone (ie SA10 to SA10)
and all were sales*

Limestone Coast: Livestock Movements: Internal Cattle Movements – via Saleyard

Within Limestone Coast Region: Via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
SA10	2,530	2,454	2,510	2,826	2,227
SA11	1,931	1,851	1,485	1,791	1,225
SA12	2,841	2,624	3,248	3,139	2,457
SA13	1,481	1,429	1,866	1,974	1,455
SA14	1,725	1,974	2,527	2,308	2,218
SA15	1,943	2,305	2,407	2,815	2,186
SA16	2,792	2,421	2,029	2,685	2,597
SA17	1,610	1,761	1,471	2,231	1,500
SA18	7,005	4,712	5,078	6,090	3,741
SA20	5,289	4,575	4,051	4,616	2,989
SA21	3,701	2,751	2,712	3,296	1,982
SA22	2,276	2,099	1,534	2,160	1,927
SA23	2,677	2,384	2,424	1,905	1,545
SA24	2,807	2,266	2,522	2,755	2,032
SA25	2,017	1,633	1,557	3,159	1,551
SA28	545	398	197	255	188
Total	43,170	37,637	37,618	44,005	31,820

- Could the double handling be reduced to:

- Reduce transaction costs
- Increase returns

Further analysis can identify average lot sizes, transportation costs & pty-pty versus pty-SY-pty distances travelled

Limestone Coast & Coorong: Total Movements: Sheep & Lambs

18% increase in slaughter stock and net exit increase of 23% ...

... is this productivity, depletion or switching to other enterprises (or a combination)?

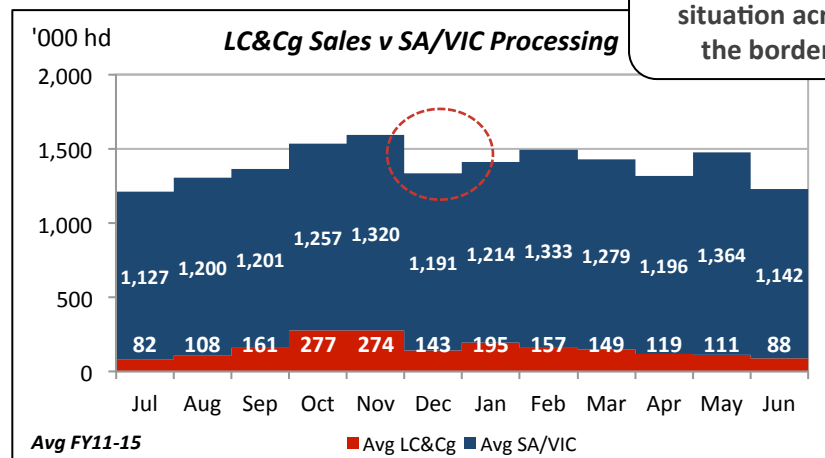
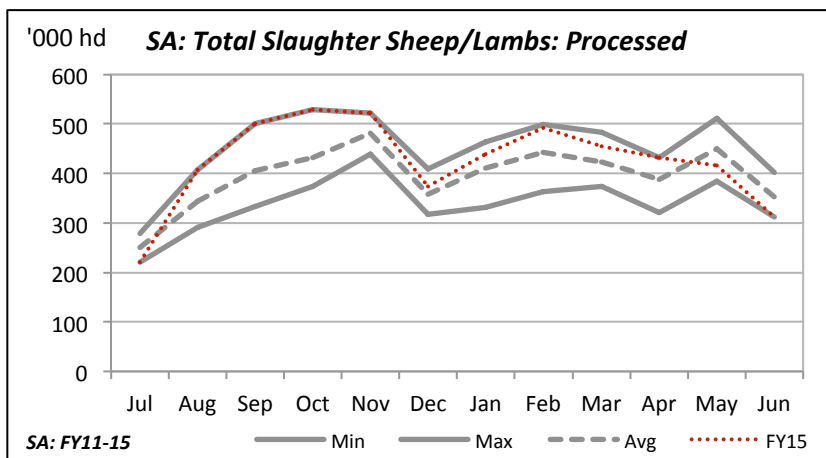
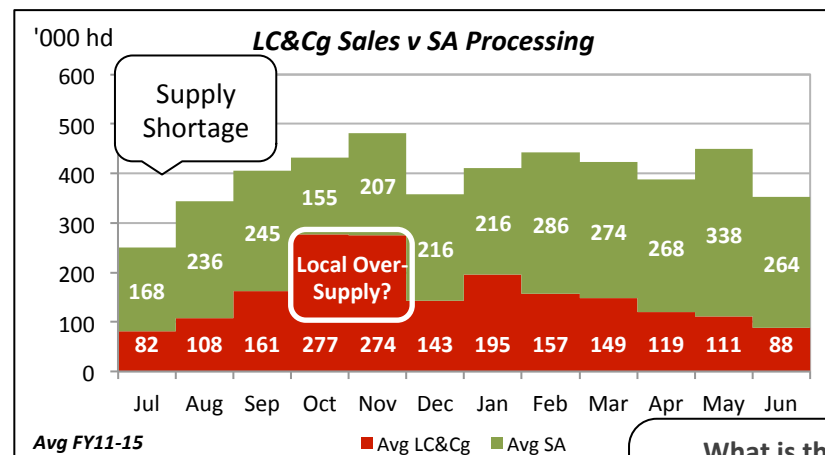
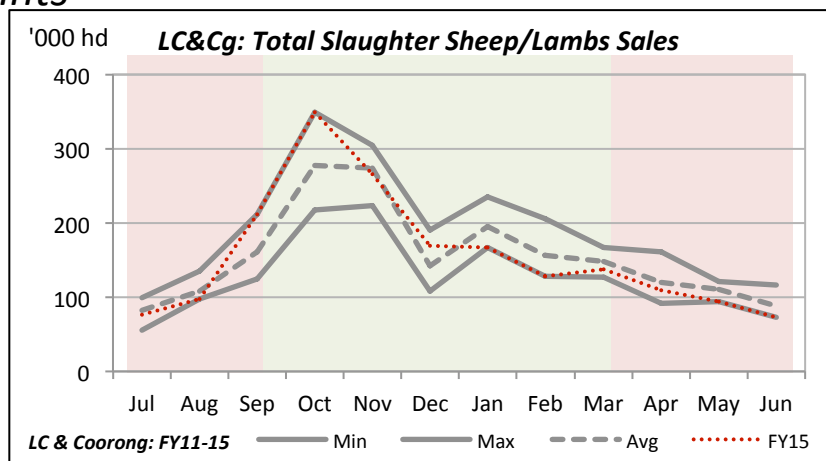
Reconciliation: LC & Coorong

Flow	Type	Channel	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2011-15
Zone to Proc	Slaughter	All Channels	1,594,610	1,797,869	2,030,451	2,021,921	1,877,277	⇒ 18%
Total Exit from LC	Store	All Channels	71,813	134,558	93,457	137,336	179,357	⇒ 150%
Total Into LC	Store	All Channels	150,840	136,974	170,722	202,397	197,716	⇒ 31%
Net Movements	Store	All Channels	79,027	2,416	77,265	65,061	18,360	
All Movements	SI & Str	All Channels	1,918,418	2,219,664	2,434,124	2,557,205	2,477,383	⇒ 29%
Net Movements	SI & Str	All Channels	-1,515,584	-1,795,453	-1,953,186	-1,956,860	-1,858,917	⇒ 23%
Internal Store Movements: to & from			101,154	150,263	139,493	195,551	223,033	
Slaughter Movements: % Direct			65%	77%	80%	79%	81%	
Internal Store Movements: % Direct			32%	47%	37%	50%	61%	
External Store Movements: % Direct			38%	52%	35%	48%	53%	

- Direct slaughter sales increase from 65% to 81% share. Store sales increasing traded off paddock rather than saleyard.*
- Internal store movements of average 161k head (within the region) account for 7% of total movements*

Limestone Coast & Coorong: Sheep&Lambs: Production/Sales v Processing Profiles

Can we use this data to influence marketing strategies? – identifying key supply:demand points

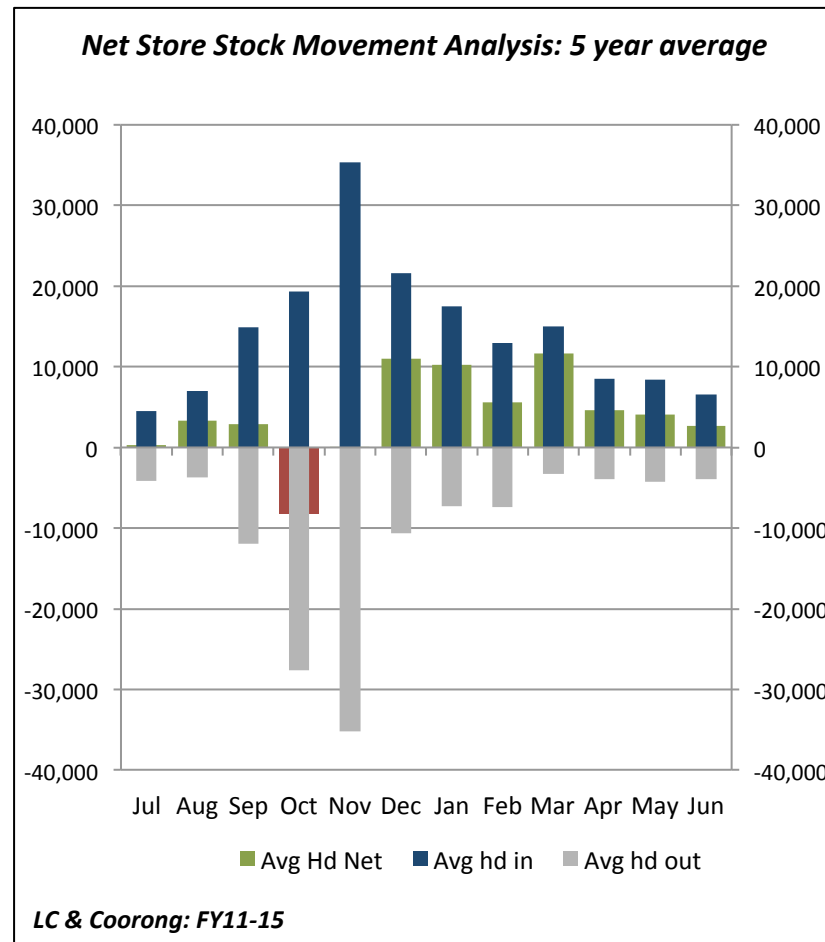
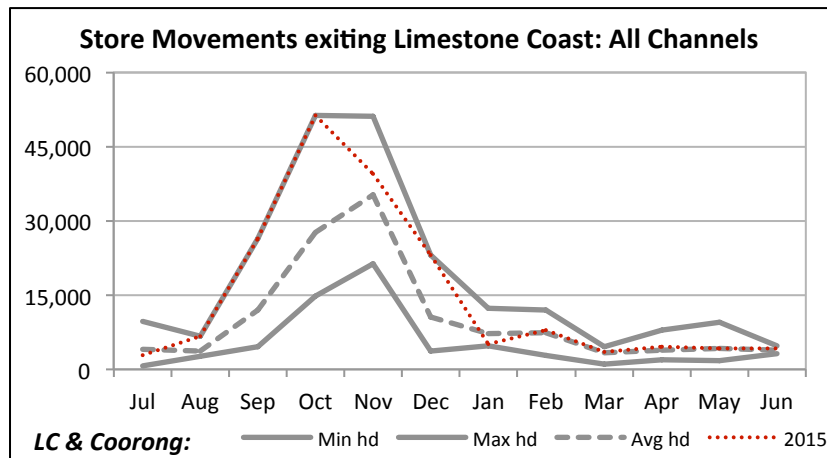
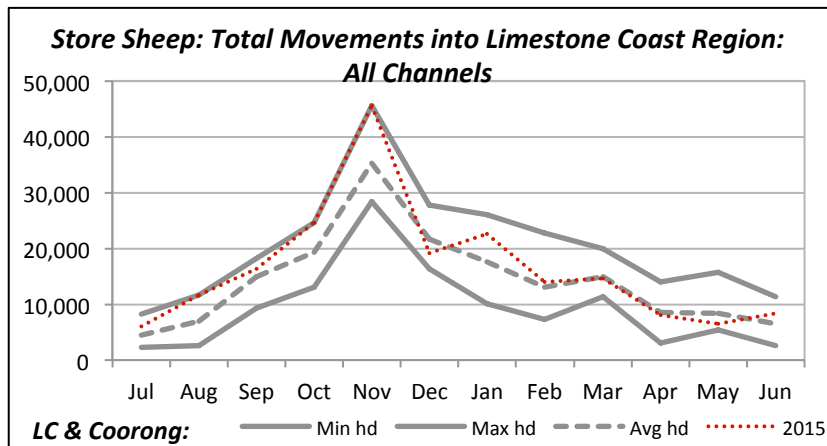


What is the supply:demand situation across the border?

Using the national NLIS dataset we would understand these dynamics far better

Limestone Coast & Coorong: Net Movements: Store Sheep

What insights for performance improvements can we draw from a better understanding of store movements into and out of the region?



Limestone Coast: Livestock Movements: Cattle movement trends across zones

Zone to Processor: All Channels

Month	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
SA10	18,262	17,697	16,765	18,387	19,760
SA11	10,946	8,982	9,251	12,482	13,912
SA12	18,859	16,224	18,787	19,676	19,806
SA13	8,029	8,948	13,698	10,570	14,020
SA14	8,593	8,041	8,277	10,088	11,639
SA15	16,719	17,825	18,954	18,118	18,097
SA16	11,745	9,941	10,471	11,312	13,026
SA17	6,666	6,050	5,669	6,694	6,160
SA18	20,158	16,397	16,227	17,830	16,419
SA20	18,933	18,230	17,716	16,767	18,241
SA21	12,220	10,090	11,438	11,425	12,610
SA22	11,507	8,905	9,397	10,954	10,988
SA23	14,261	13,668	18,542	23,498	22,884
SA24	14,062	14,171	17,733	16,892	17,790
SA25	50,601	52,496	59,519	65,694	84,951
SA28	1,196	1,132	1,137	1,809	2,188
Total	242,757	228,797	253,581	272,196	302,491
LC Only	177,957	162,766	177,519	189,038	198,976
LC & Coorong	233,525	219,381	242,706	260,269	287,941

Net Store Movements: Store Only for Limestone Coast

Month	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
SA10	-3,244	-3,277	-1,971	-557	-5,131
SA11	-605	-2,215	-1,314	1,762	-696
SA12	-1,207	144	-2,344	532	-3,937
SA13	7,083	8,812	10,357	12,077	14,986
SA14	-20	-2,550	-311	1,634	-1,337
SA15	-2,679	-63	838	1,490	72
SA16	-2,195	-3,043	-998	-1,702	-4,210
SA17	-467	-1,499	190	-233	-2,363
SA18	6,235	-8,959	-847	-1,147	-9,381
SA20	-6,636	-8,780	-6,777	-8,768	-12,240
SA21	-503	-6,613	-5,279	-4,518	-7,183
SA22	-2,719	-4,417	-1,954	-3,851	-5,005
SA23	-11,862	-13,088	-11,942	-14,994	-18,359
SA24	5,100	1,145	2,358	2,193	-4,017
SA25	20,300	19,387	26,606	35,898	54,691
SA28	234	-454	-17	-62	310
Total	6,815	-25,470	6,595	19,754	-3,800
LC Only	-14,663	-41,368	-18,144	-13,910	-52,044
LC & Coorong	3,401	-27,515	3,177	15,356	-9,435

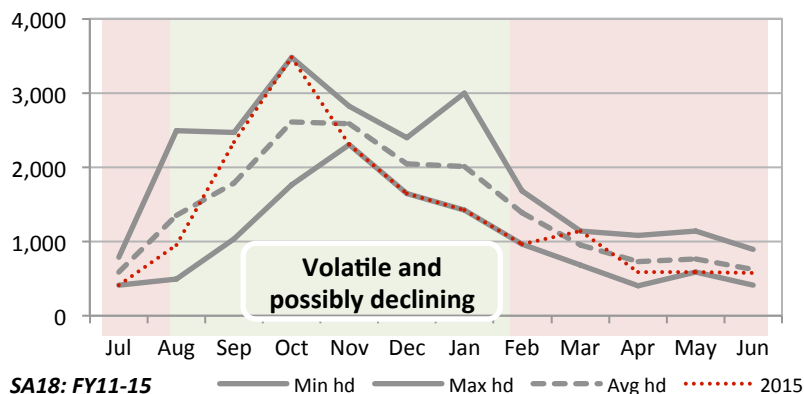
- *The production patterns vary across the region*
- *Understanding the differences in patterns provides insight for collective action / response*
- *How can NLIS data assist in understanding these production profile differences?*

Limestone Coast ZONE 18 v Zone 25 Cattle: Slaughter & Store Movements

NLIS data allows us to analyse the variances across zones driven by season, proximity to infrastructure, other factors

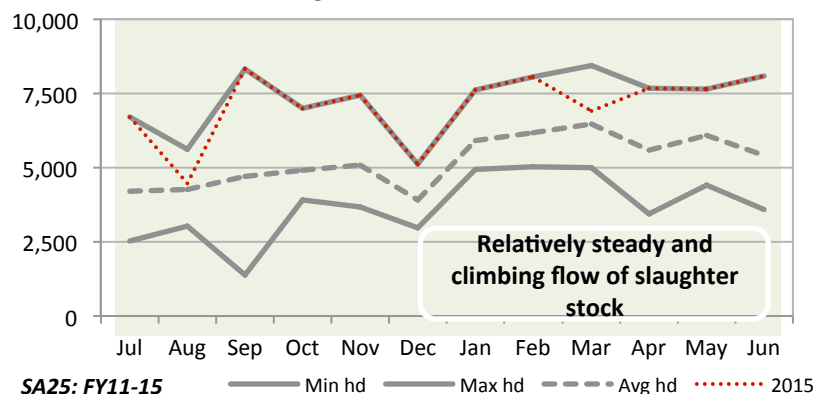
Zone 18

Total Slaughter Cattle: All Channels

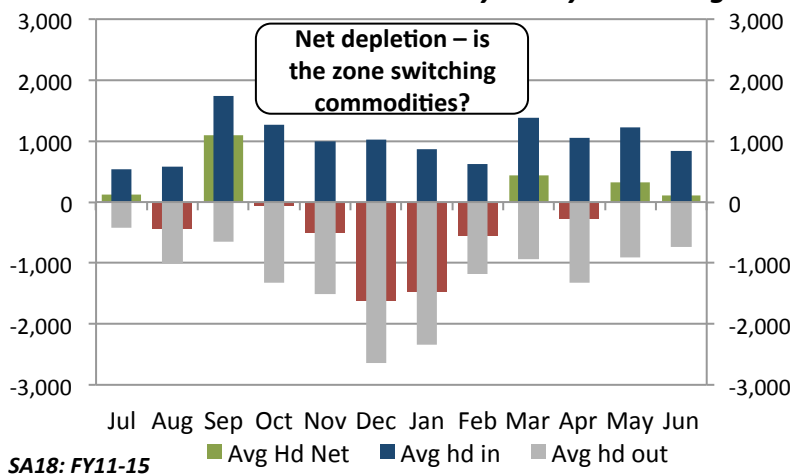


Zone 25

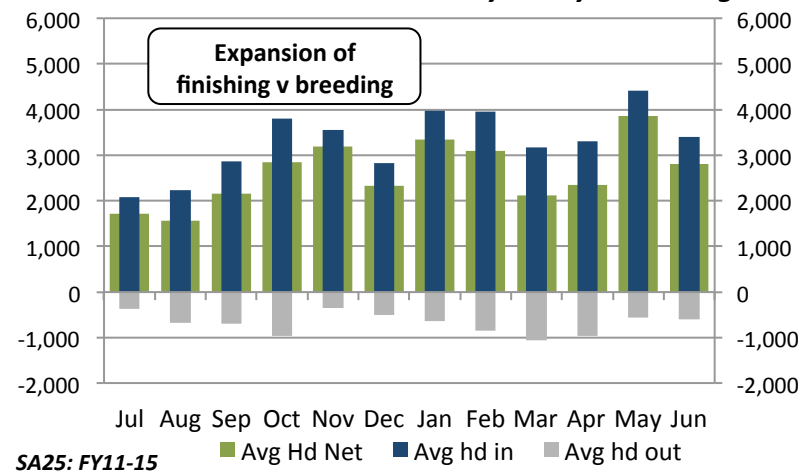
Total Slaughter Cattle: All Channels



Net Store Stock Movement Analysis: 5 year average



Net Store Stock Movement Analysis: 5 year average



Limestone Coast: Livestock Movements: Sheep & lamb movement trends across zones

Zone to Processor Movements: All Channels

Month	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
SA10	162,178	175,179	181,465	180,227	180,480
SA11	55,568	47,477	65,869	56,651	51,459
SA12	37,936	34,106	37,690	38,436	39,910
SA13	22,087	26,936	23,991	16,122	17,463
SA14	52,118	42,018	45,641	50,817	48,987
SA15	96,245	103,702	116,422	115,888	114,898
SA16	95,451	88,489	111,352	117,344	105,436
SA17	188,454	224,073	220,678	248,135	201,490
SA18	190,518	208,095	274,630	271,199	212,679
SA20	159,656	173,921	196,994	234,503	236,868
SA21	71,834	134,642	94,209	87,693	98,272
SA22	118,950	112,436	163,509	149,498	121,519
SA23	120,540	163,010	205,676	167,779	159,459
SA24	133,716	174,425	173,062	179,859	177,664
SA25	109,515	115,836	146,527	132,064	134,265
SA28	73,304	81,843	92,141	103,321	105,710
Total	1,688,070	1,906,188	2,149,856	2,149,536	2,006,559
LC Only	1,395,729	1,553,772	1,761,989	1,768,435	1,620,402
LC & Coorong	1,594,610	1,797,869	2,030,451	2,021,921	1,877,277

Net Store Movements: Store Only for Limestone Coast

Month	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
SA10	17,678	11,018	16,116	13,304	8,062
SA11	-1,308	-149	2,090	2,581	2,410
SA12	-933	6,461	989	3,013	1,703
SA13	-748	-396	1,263	-230	-516
SA14	211	-1,029	-410	1,365	13
SA15	551	7,415	6,673	7,950	1,152
SA16	6,846	10,766	7,851	19,618	12,935
SA17	14,143	4,990	16,172	10,248	18,556
SA18	12,586	-1,783	-1,520	3,932	227
SA20	-534	1,196	7,396	953	-23,215
SA21	-2,000	-2,580	-1,758	-13,559	-11,711
SA22	5,144	-4,903	4,946	14,385	13,836
SA23	2,337	-28,980	-6,195	-7,061	-10,822
SA24	3,368	3,913	3,447	155	-1,777
SA25	27,720	-1,283	24,949	12,580	9,975
SA28	-9,790	-7,069	-5,539	-11,675	-7,182
Total	75,271	-2,413	76,470	57,559	13,646
LC Only	55,710	8,654	56,543	61,239	16,531
LC & Coorong	79,027	2,416	77,265	65,061	18,360

- *The production patterns vary across the region*
- *Understanding the differences in patterns provides insight for collective action / response*

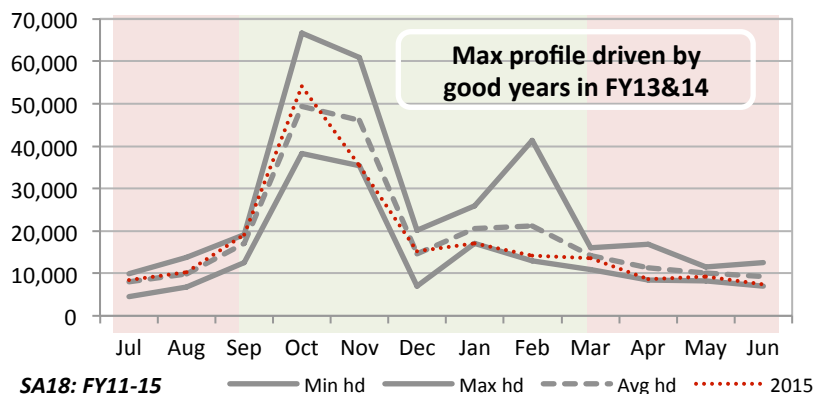
Limestone Coast ZONE 18 v Zone 25

Sheep & Lambs: Slaughter & Store Movements

NLIS data allows us to analyse the variances across zones driven by season, proximity to infrastructure, other factors

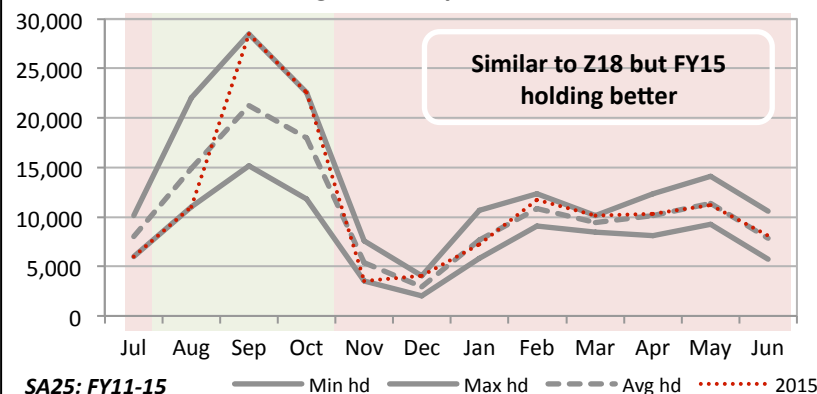
Zone 18

Total Slaughter Sheep: All Channels

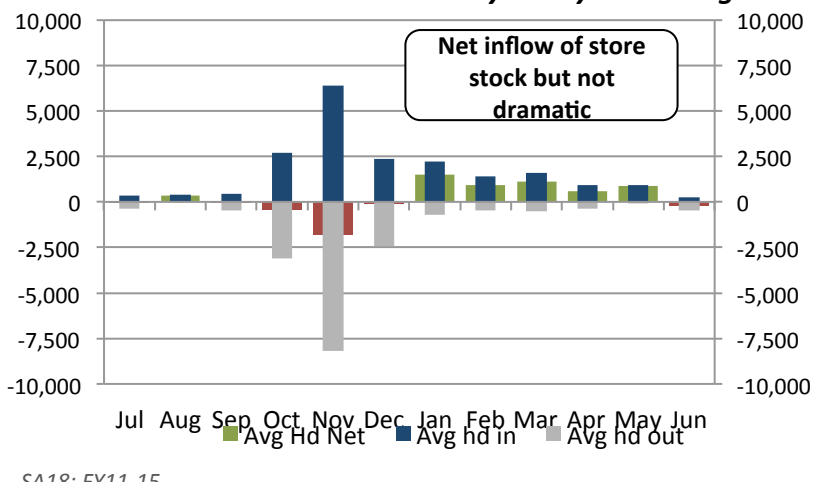


Zone 25

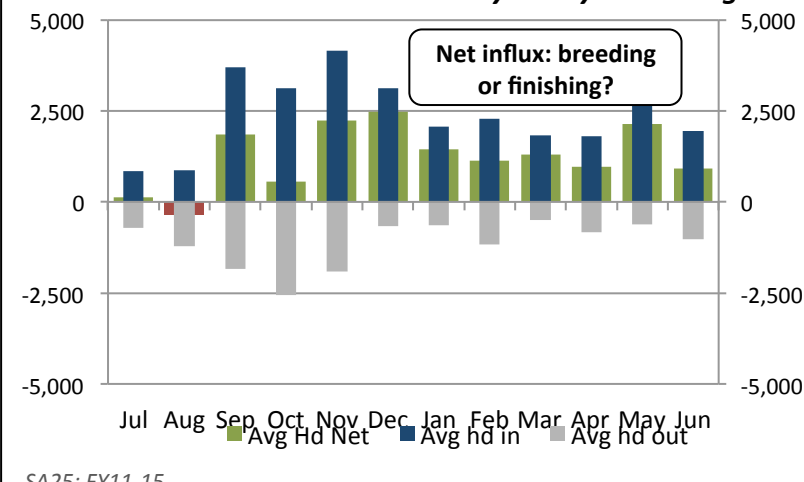
Total Slaughter Sheep: All Channels



Net Store Stock Movement Analysis: 5 year average



Net Store Stock Movement Analysis: 5 year average

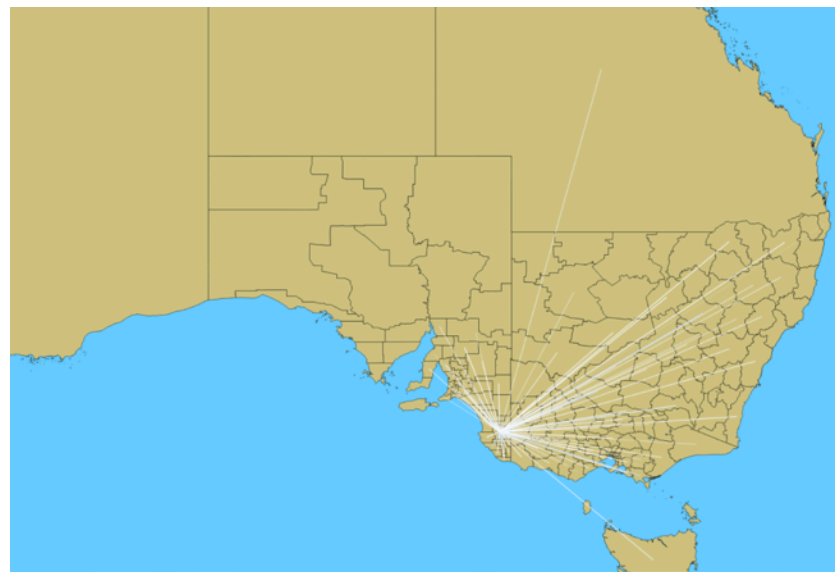


Limestone Coast: NLIS Livestock Movements: Flow Mapping

Store cattle moved off property from Zone 18



Store cattle moved via saleyard from Zone 18



- We can identify the time, seasonal factors, distances travelled and average number of head transported with each of these movements?
- Can we gain insight as to whether the optimal target markets have been achieved for the livestock?
- Can collective planning / marketing improve effectiveness or lower cost of livestock movements?

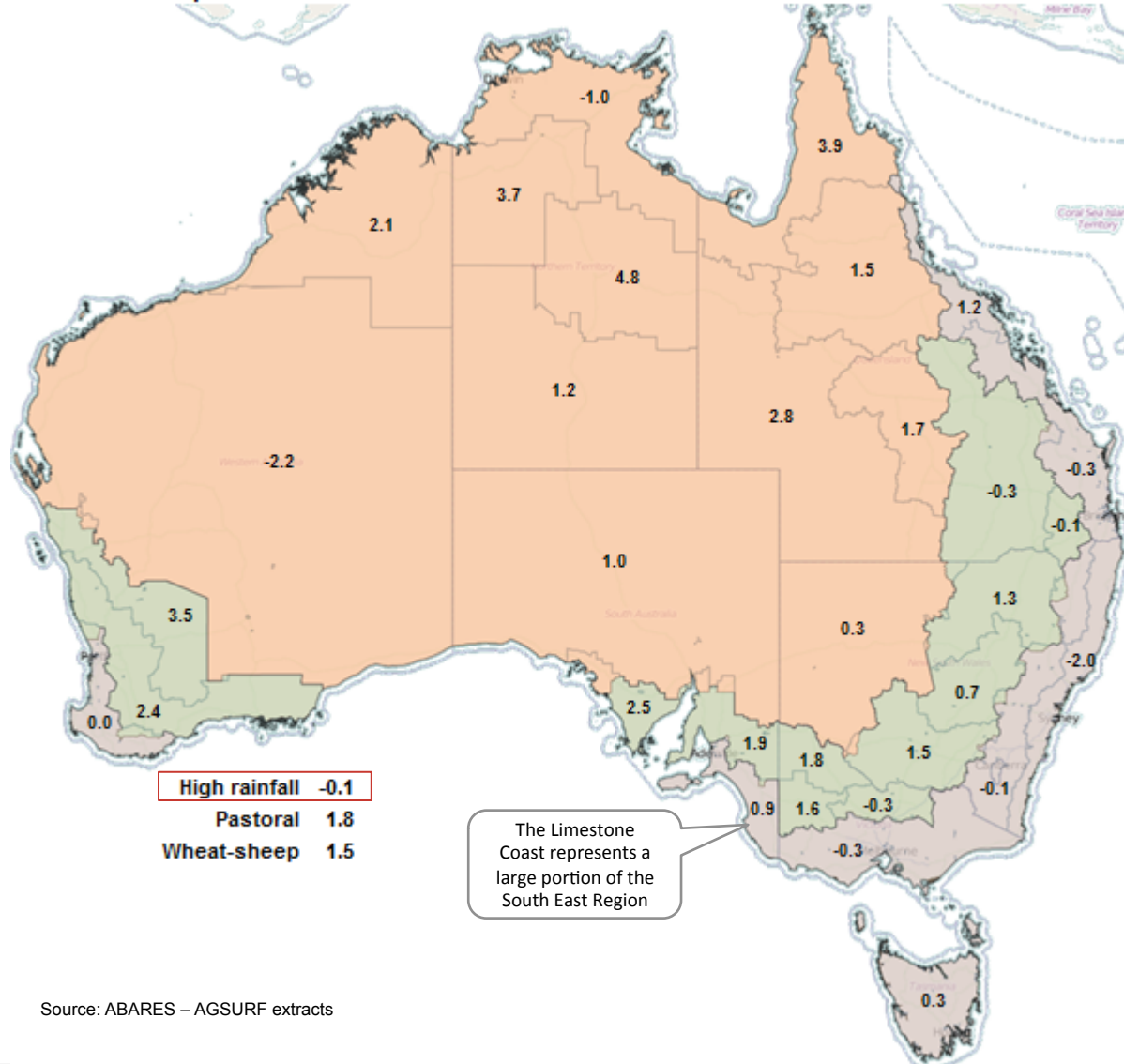
Limestone Coast: NLIS Livestock Movements: The Opportunity

- The NLIS system provides whole of life traceability from property to property to feedlot to abattoir or to boat whether direct from property or via a saleyard
- It is the most reliable tool for understanding production patterns and logistics costs
- It can be used for:
 - understanding livestock flows as a function of season and market conditions
 - analysing optimal placement and capacity of infrastructure
 - production forecasting
 - developing collective marketing and logistics plans
- Combined with pricing (e.g. NLRs) and performance (e.g. LDL) data it will provide the basis for a highly strategic benchmarking and performance improvement platform
- First stage handlers and processors have this data at a consolidated level but producers rarely have this detail and even less frequently pool or share it
- The analysis contained in this report has barely scratched the surface of its potential benefit to livestock industry participants
- The Limestone Coast Red Meat Cluster is the first entity to have access to this data and continued and expanded access is recommended

Returns from Agriculture and the Red Meat Industry (ABARES Analysis)

Return on farm assets has averaged 1% over the last 25 years

Return on Capital: 1990 - 2014: 1%

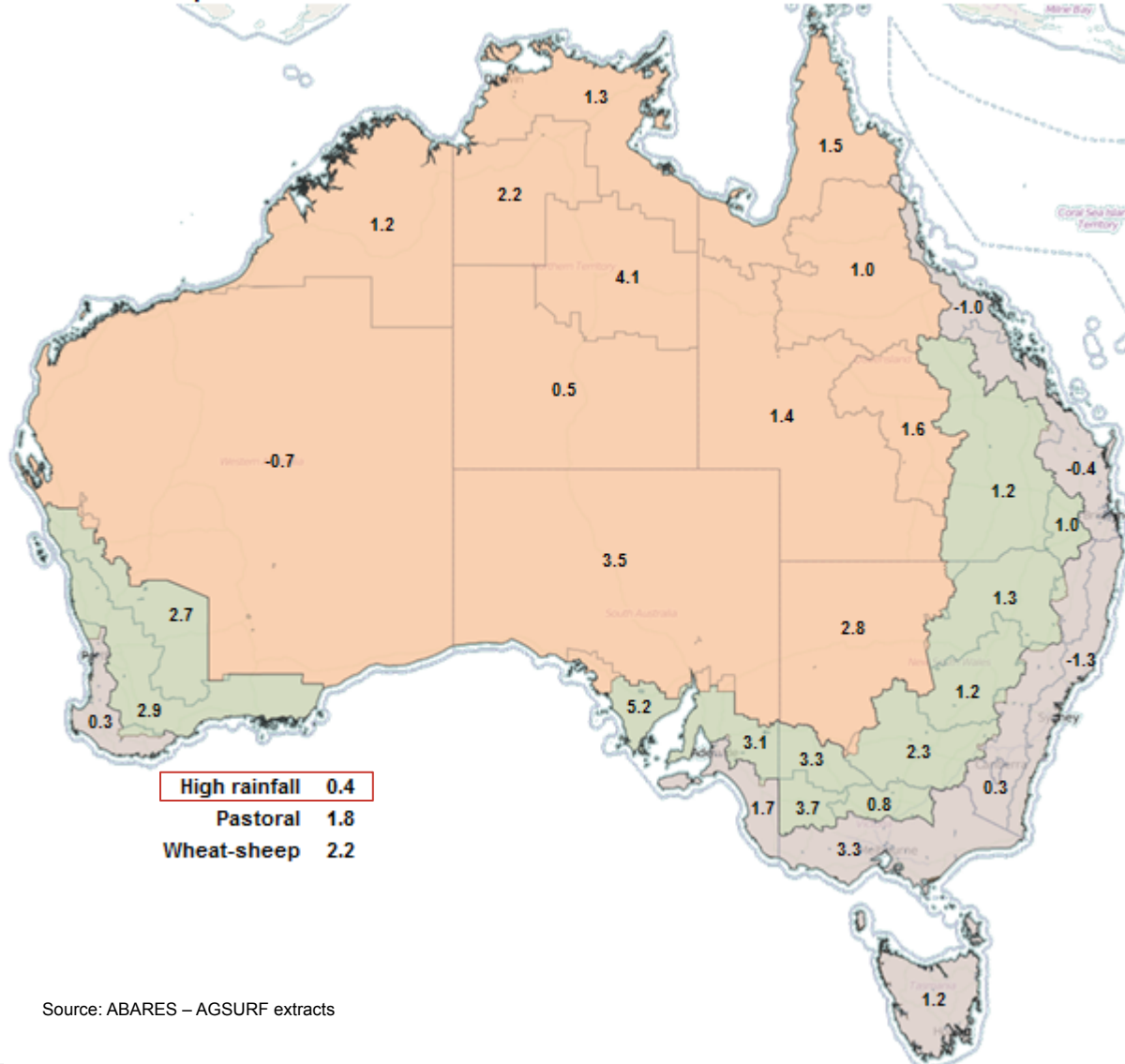


- Ungeared return on farm assets
- South East of SA at 0.9% is aligned with national average ...
- ... but outperforming “High Rainfall” average of -0.1%

These are the numbers that investors, banks and lessors look at in respect to the farm sector

Source: ABARES – AGSURF extracts

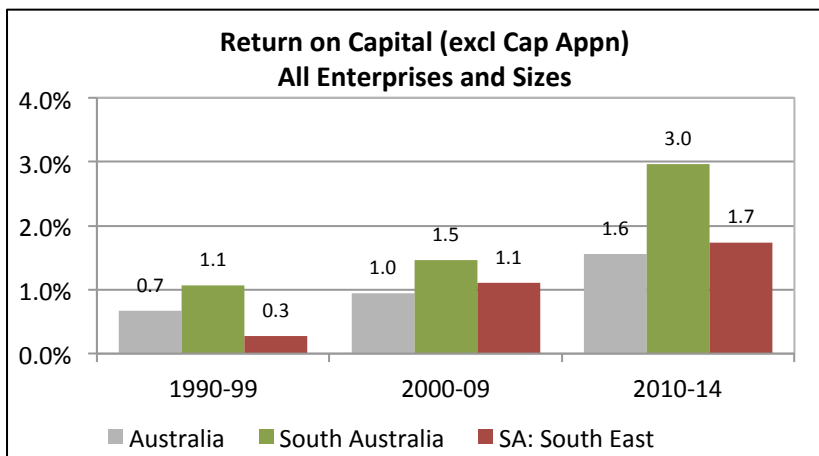
Return on Capital: 2010 - 2014: 1.6%



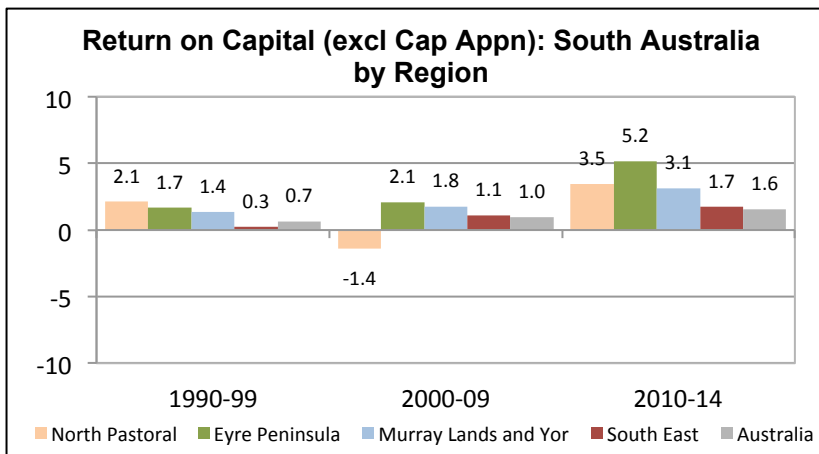
- South East of SA at 1.7% is aligned with national average ...
- ... but outperforming “High Rainfall” average of 0.4%

- ... but outperforming “High Rainfall” average of 0.4%

South Australia outperforms the national average; the South East outperforms for high rainfall zone ...

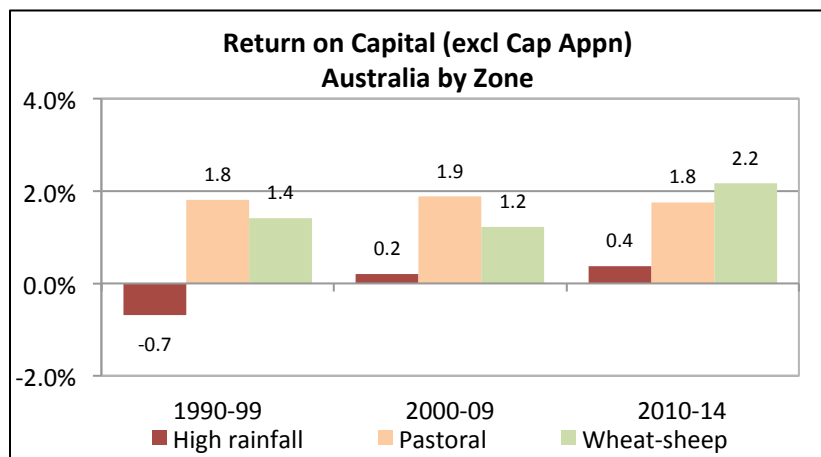


- The average return over the past 25 year is 1%
- SA average return for the same period is 1.6%
- Recent returns show an upward trend
- South East region tracking alongside national average but lagging SA average

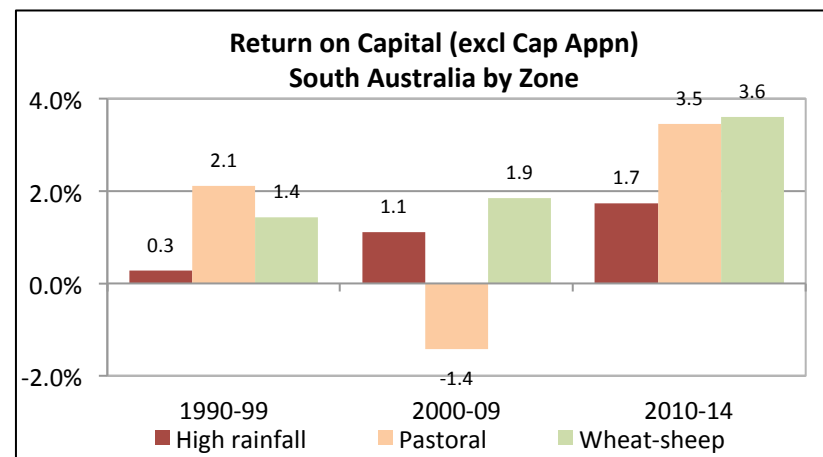


- The South East region has lowest average return on capital of the four SA regions

The high rainfall zone lags the national average – South Australia outperforms across each zone

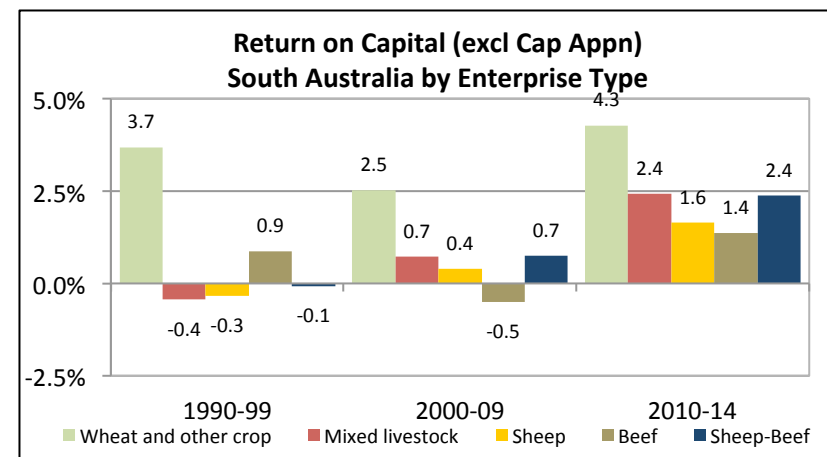
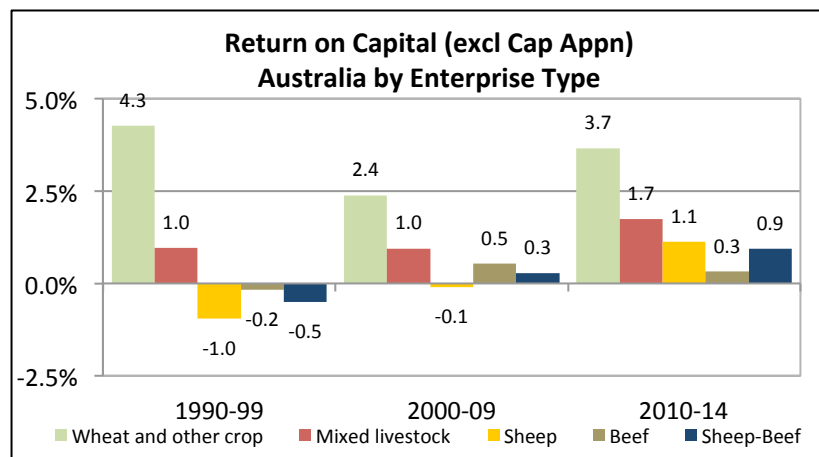


- The high rainfall zone consistently lags the pastoral and wheat-sheep zones



- SA outperforms the national average across all zones other than pastoral in the 2000-09 period

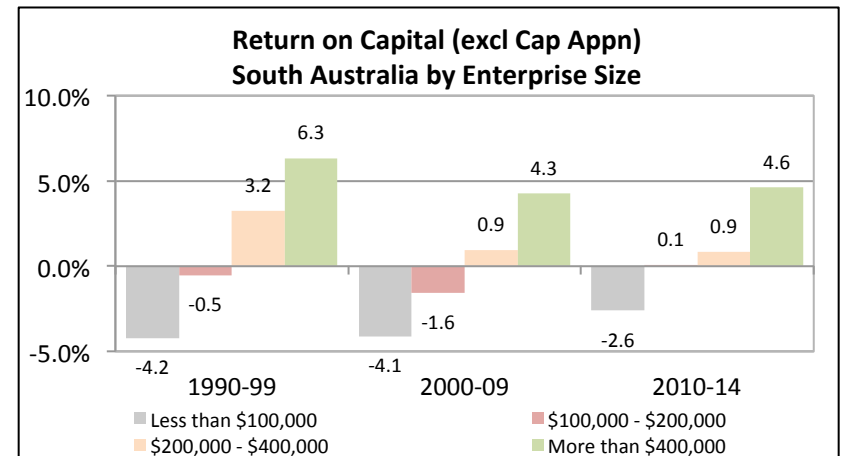
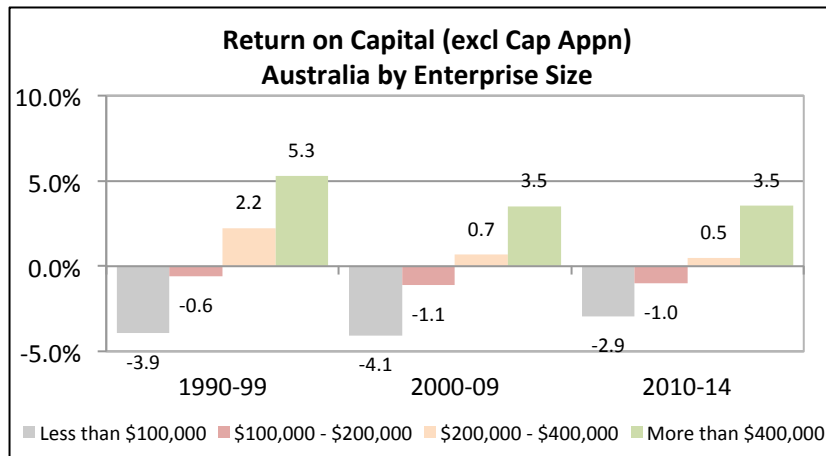
Cropping consistently outperforms livestock



- Wheat & other crops provide 2% to 3% greater returns compared to the national average
- The last 5 years have seen a marked increase in returns across all enterprise types other than beef – which has just entered a high price cycle

- SA outperforms the national average across all enterprise types in the last 5 years

Scale is important to achieve higher returns on capital – but available data does not tell the full story



Range =>
Bottom to top

9.2%

7.6%

6.4%

10.5%

8.4%

7.2%

... the gap is closing but the average is still low

Average returns from agriculture are poor but the impact of management and scale tell a more interesting story

Average Farm Returns

ABARE 1990 - 2014	Top 25%	All
ROI (excl. Capital App'n)	5%	1%

Indicates a need for productivity, restructuring and recapitalisation

Return on Assets (excl Cap Gains) – All Zones

AUSTRALIA (Farm Output)	4 th Qtl	3 rd Qtl	2 nd Qtl	1 st Qtl	All Farms
\$1m+	0%	4%	7%	14%	6%
\$500k - \$1m	-1%	2%	5%	10%	3%
\$200k - \$500k	-3%	0%	2%	5%	1%
\$40k - \$200k	-9%	-4%	-2%	1%	-2%
All Sizes	-3%	0%	2%	5%	1%

The high-level numbers hide the story:

- The figures show ungeared returns (interested added back)
- Each step up in management performance adds ~2% to 3% to returns
- Each step up in scale adds ~2% to returns
- The impact of scale is significantly higher for the top farm managers: ~4% for each step
- Farmers need capital to scale up but more importantly, need to service the debt or lease required for scale – the alternative is slow growth which is an impediment to the better farmers

Performance / productivity needs to lift before chasing scale

Source: ABARES - analysis using a rolling 3 year performance by quartile. NB this table shows broadacre farms only (approx. 70% of total rural). 1990-2007 data updated with AGSURF extracts to 2014 assuming similar performance differentials for the farmer quartiles

Management and Scale impact in the High Rainfall zone

Average Farm Returns

ABARE 1990 - 2014	Top 25%	All
ROI (excl. Capital App'n)	3%	0%

Indicates a need for productivity, restructuring and recapitalisation

Return on Assets (excl Cap Gains) – High Rainfall

AUSTRALIA (Farm Output)	4 th Qtl	3 rd Qtl	2 nd Qtl	1 st Qtl	All Farms
\$1m+	0%	3%	4%	8%	3%
\$500k - \$1m	-1%	1%	4%	7%	2%
\$200k - \$500k	-2%	0%	2%	4%	1%
\$40k - \$200k	-8%	-3%	-1%	1%	-2%
All Sizes	-3%	-1%	1%	3%	-0.1%

The high rainfall zone performance:

- Average performance is 1% below national average – marginal
- Top quartile performance 2% below national average
- Each step up in management performance adds ~2% to returns
- Each step up in scale adds ~1% to returns
- The impact of scale is relatively consistent across management quartiles
- Higher capital values may be driven by factors other than productivity – lower seasonal risk, proximity to infrastructure and regional centres, urban creep

Same message: Performance / productivity needs to lift before chasing scale

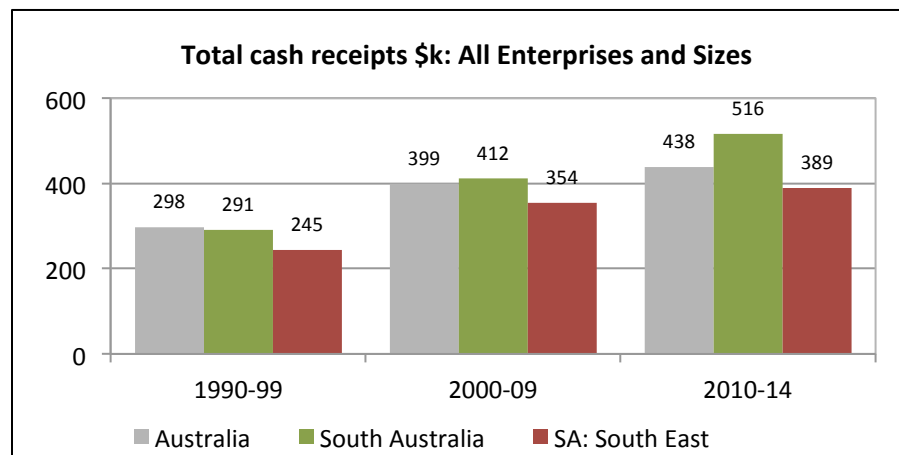
Source: ABARES - analysis using a rolling 3 year performance by quartile. NB this table shows broadacre farms only (approx. 70% of total rural). 1990-2007 data updated with AGSURF extracts to 2014 assuming similar performance differentials for the farmer quartiles

We need to set achievable targets to improve returns ...

Return on Assets (excl Cap Gains) – High Rainfall

AUSTRALIA (Farm Output)	4 th Qtl	3 rd Qtl	2 nd Qtl	1 st Qtl	All Farms
\$1m+	0%	3%	4%	8%	3%
\$500k - \$1m	-1%	1%	4%	7%	2%
\$200k - \$500k	-2%	0%	2%	4%	1%
\$40k - \$200k	-8%	-3%	-1%	1%	-2%
All Sizes	-3%	-1%	1%	3%	-0.1%

- Farm land is a finite resource with high competition to own / operate
- Lessors get yields of 4% to 5%
- Successful asset managers should be getting 8% to 10%
- Separate operating returns from capital appreciation
- Take a long term view and set achievable targets
- Collaboration is one pathway to improve management and achieve benefits of scale without having to buy more property

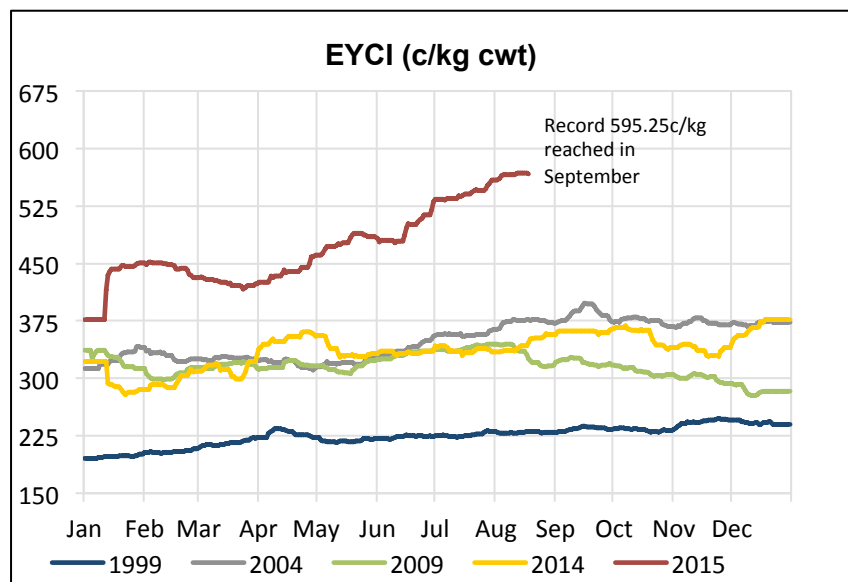


... build business skills and find ways of achieving scale benefits by operating collaboratively

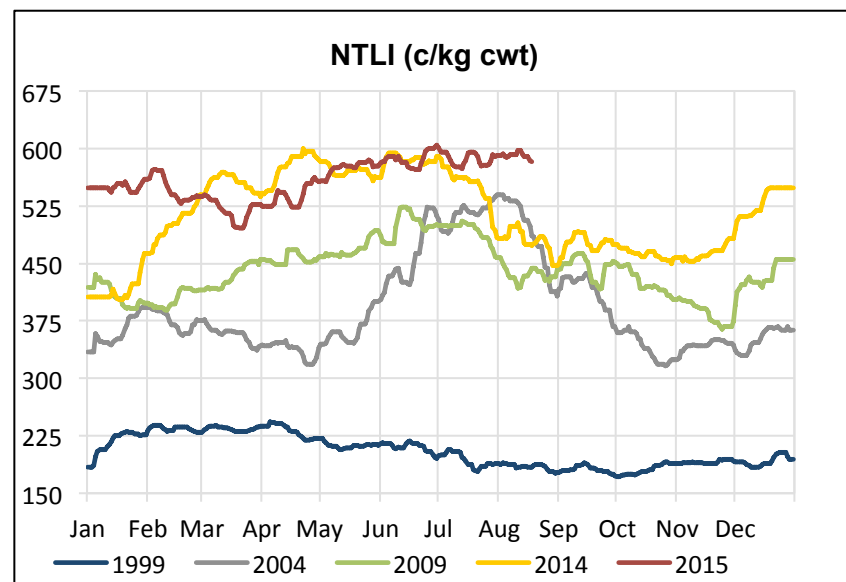
Source: ABARES - analysis using a rolling 3 year performance by quartile. NB this table shows broadacre farms only (approx. 70% of total rural). 1990-2007 data updated with AGSURF extracts to 2014 assuming similar performance differentials for the farmer quartiles

Some good news: The red meat sector has been given a lift through stronger prices

For livestock producers, the news in the medium term is positive but the sector is arguably going through the top of its current cycle ...



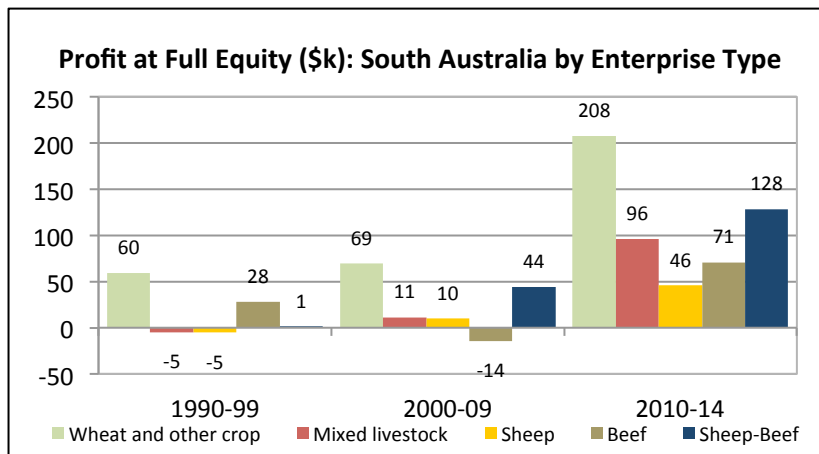
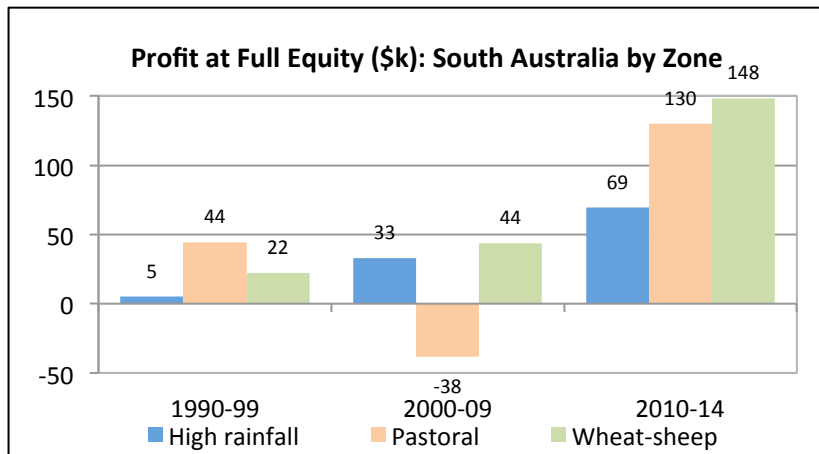
225	350	316	336	471
	56%	-10%	6%	40%



205	392	441	514	560
	92%	12%	17%	9%

... providing an opportunity to invest in productivity improvements to preserve long term returns as the pricing cycle reverts to historic averages

Average profitability in SA and the South East Region

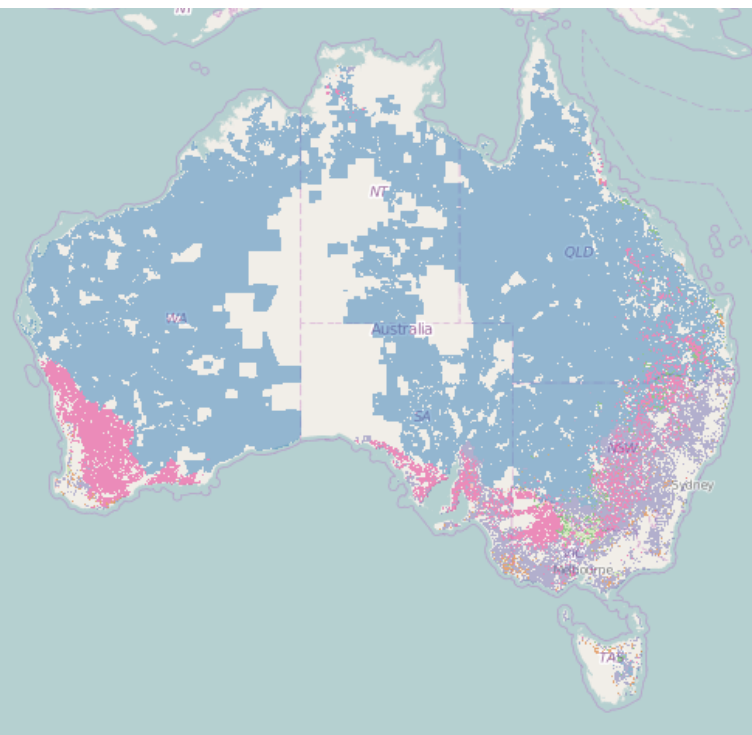


- Average Profit for SA for 2010-14 was \$121k compared to national average of \$68k
- The average profit in the South East region (2010 – 14) was \$69k which represents a 1.7% return on capital
- Implied average capital is ~\$4m (in line with SA and National average)
- Calculated profit allows for estimated labour for owner manager and family labour at Federal Pastoral Industry Award rates
- The South East region average profit is reflective of livestock averages across SA regions

... set an achievable target for the scale of the business

Web based portal Information on the Limestone Coast

Australia: 768 million hectares of country of which just over half is applied to agriculture ...



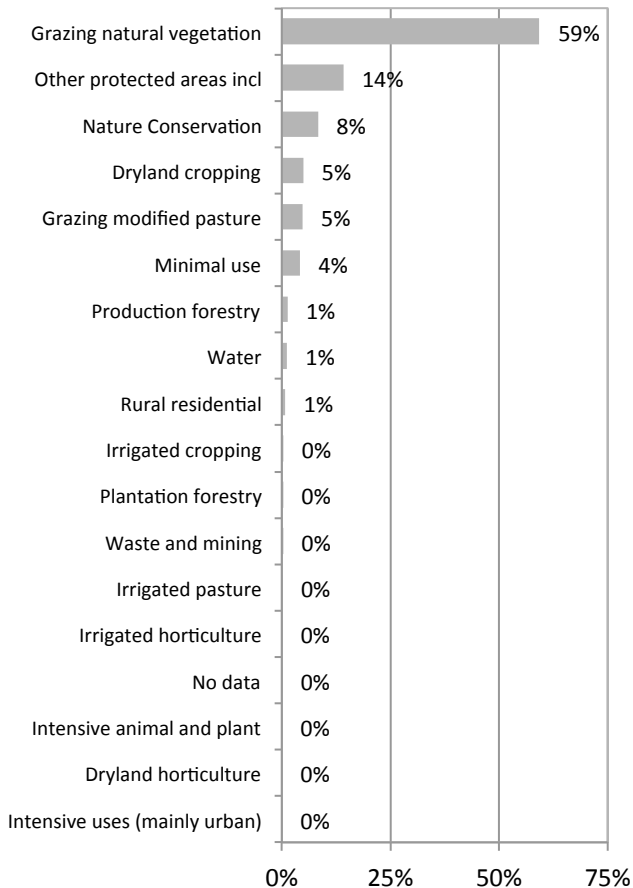
Land use class	Area covered in each year (km ²)						
	1992-93	1993-94	1996-97	1998-99	2000-01	2001-02	2005-06
Conservation and natural environments	2 609 700	2 613 300	2 619 500	2 636 900	2 674 900	2 679 500	2 821 300
Forestry	161 500	161 500	160 500	157 100	151 800	150 000	138 200
Grazing	4 551 100	4 544 100	4 510 700	4 471 600	4 437 200	4 433 400	4 287 600
Cropping	193 300	198 000	225 300	248 300	250 300	250 000	268 200
Horticulture	4000	3500	4100	4900	4700	5700	5000
Intensive uses (including some potential agricultural land)	22 900	22 100	22 700	24 100	24 100	24 500	30 800
Water	133 200	133 200	133 200	133 200	133 200	133 200	125 000
No data	2200	2200	1900	1800	1600	1600	1700
Total area (rounded from raw data)	7 677 900	7 677 900	7 677 900	7 677 800	7 677 800	7 677 900	7 677 800

- Cropping has increased by ~75,000 sqkm or 28%

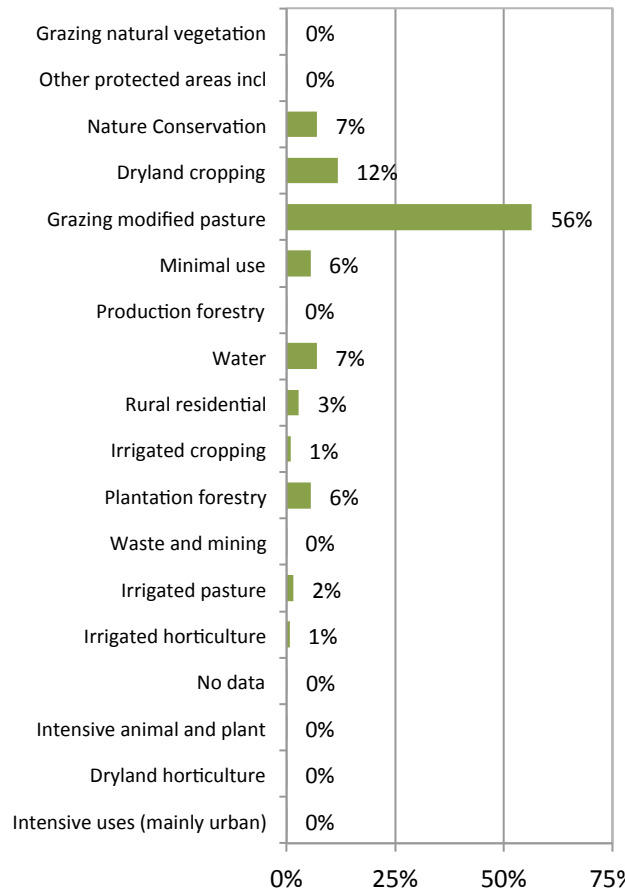
... with over 90% of agricultural land use applied to grazing

Limestone Coast occupies 0.4% of Australia's land mass but has a more intensive agricultural profile

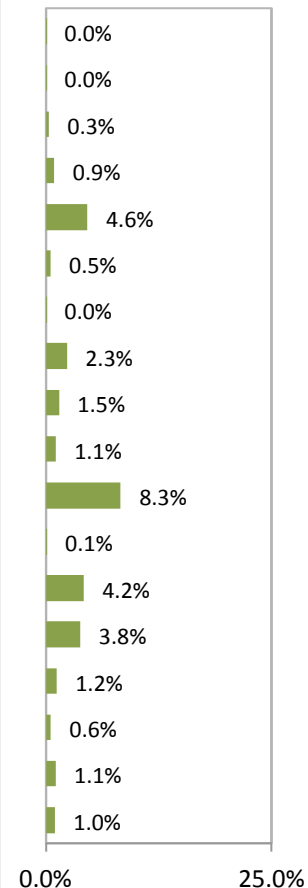
Land Use in Australia: 2015



Land Use in Limestone Coast: 2015



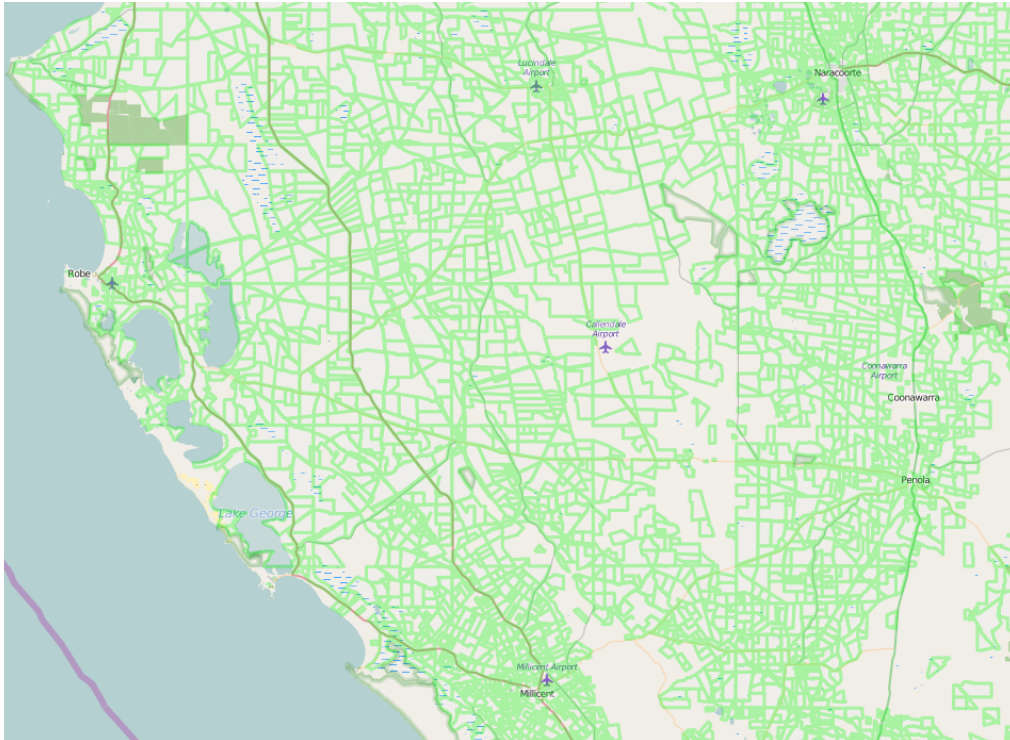
Share of Nat'l



- 768 million ha
- 53% applied to agriculture

- 3 million ha
 - 0.4% of total land area
 - 0.7% of Australian Ag area
 - 5.7% of SA Ag area

PIRSA provided property boundaries linked to PICS for this project



We have mapped PICs and land use data

- For this project we can review the land use profile for all PICs within the Limestone Coast region
- Land use data is up to date (2015)
- If found to be reliable it could form the basis to develop decision support systems utilising spatial / remote sensing data coupled with ground based technologies

We tested the accuracy of land use data with three producers



#1

PIC / Section	HA
SA140994	496.0
6218	226.8
Grazing modified pastures	191.0
Irrigated perennial horticulture	1.3
Marsh/wetland	30.3
Residual native cover	4.3
6219	171.3
Grazing modified pastures	72.3
Irrigated cereals	0.3
Irrigated legume/grass mixtures	32.8
Residual native cover	66.0
6220	76.0
Grazing modified pastures	36.3
Irrigated pasture legumes	31.5
Residual native cover	8.3
6221	22.0
Grazing modified pastures	19.0
Residual native cover	3.0

Reasonably accurate but excluded a Victorian property under same PIC (not available for project).

Source: March 2015 Catchment Scale Land Use Mapping (CLUM)

We tested the accuracy of land use data with three producers

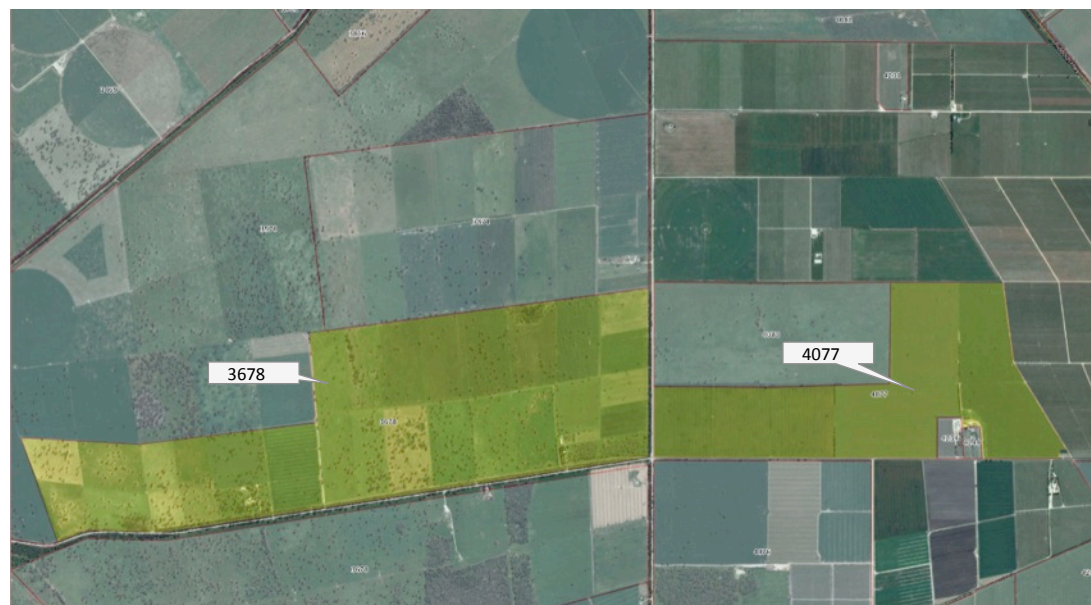
#2



SA180873	1000.3
722	224.0
Pasture legume/grass mixtures	224.0
723	156.8
Pasture legume/grass mixtures	156.3
Roads	0.5
3111	181.8
Farm buildings/infrastructure	3.8
Pasture legume/grass mixtures	159.8
Residual native cover	18.3
3112	19.5
Drainage channel/aqueduct	0.3
Pasture legume/grass mixtures	19.3
6351	204.3
Pasture legume/grass mixtures	204.0
Roads	0.3
6352	180.0
Pasture legume/grass mixtures	167.3
Residual native cover	10.3
Woody fodder plants	2.5
6353	34.0
Pasture legume/grass mixtures	34.0
SA184671	741.3
724	90.5
Pasture legume/grass mixtures	90.5
470	314.8
Residual native cover	0.2
Roads	0.6
Pasture legume/grass mixtures	314.0
2257	223.3
Marsh/wetland	0.3
Pasture legume/grass mixtures	112.5
Residual native cover	110.5
5159	112.8
Pasture legume/grass mixtures	109.5
Residual native cover	3.3

Reasonably accurate but slight lag in matching property transactions to PICS

We tested the accuracy of land use data with three producers



Significant differences – currently reconciling property areas due to material differences between PIC boundaries and owner designated areas

#3

	Land Use Data	Owner data
PIC / Section	HA	Actual Ha
SA221743	731.5	841.0
3678	494.8	450.0
Residual native cover	13.8	
Grazing modified pastures	68.5	
Pasture legumes	1.0	
Pasture legume / grass mixtures	192.5	215.0
Pulses	110.3	35.0
Irrigated cropping	22.0	65.0
Cereals		130.0
Irrigated pulses	81.8	
Farm buildings / infrastructure	5.0	5.0
4077	236.8	391.0
Grazing modified pastures	40.5	
Pasture legume / grass mixture	1.0	
Pulses		136.0
Cereals	122.5	130.5
Irrigated cereals		24.0
Irrigated pulses		27.0
Oil seeds	70.0	36.0
Irrigated grapes	0.5	37.5
Farm buildings / infrastructure	2.0	
Electricity substations and transmission	0.3	

Technology is in the process of transforming agriculture and the way it is managed

The cost, range and effectiveness of drones in continually improving



Drones are proven to be effective in gathering high resolution images to identify nutrition disorders, diseases in plants plus the presence of weeds or pests in the field. The applications continue to multiply.

A “game changer” is being introduced in the area of satellite imagery



Planet Labs in the US have developed low-cost satellite technology. They have 87 operational satellites and, by 2016, will have 150+ satellites in space capturing the entire surface of the earth every 24 hours

Accessible, comprehensive and low-cost decision support systems for agriculture are now within reach

Technology is in the process of transforming agriculture and the way it is managed

The BOM now has access to the most advanced weather satellite in the world



The Japanese satellite will be able to track raging bushfires in near-real time.

The Himawari-8 satellite now gives a detailed scan of SA every 10 minutes for the BOM – 50 times more data than the previous satellite used. Great for emergency services – great for improving weather forecasting for agriculture

NBN “Sky Muster” satellite launched in October



Aiming to provide broadband at ADSL2 comparable speeds. Further satellites to be launched. All that said, patience is still required as we wait for adequate broadband across rural Australia.

Accessible, comprehensive and low-cost decision support systems for agriculture are now within reach

Technology is in the process of transforming agriculture and the way it is managed

Game changing technologies being developed in the paddock ...

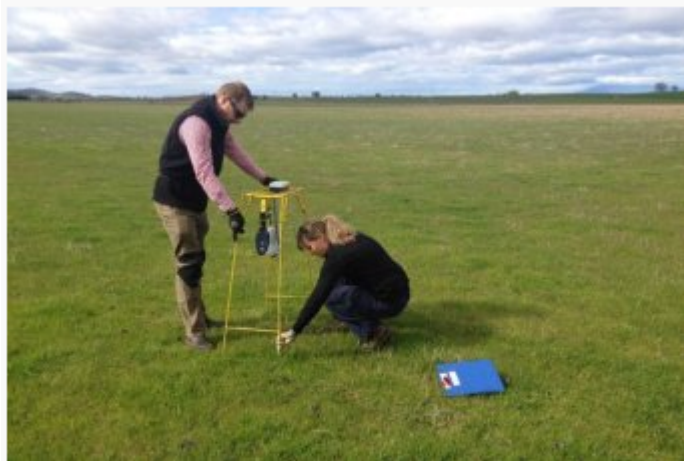


PHOTO: Tony Butler from the Tasmanian Institute of Agriculture with his research assistant monitor pastures in Tasmania's north. (ABC News: Sallese Gibson)

- Hand-held sensors being trialled to determine pasture health / capacity to optimise grazing
- One estimate was the potential to add \$50 per hectare in productivity

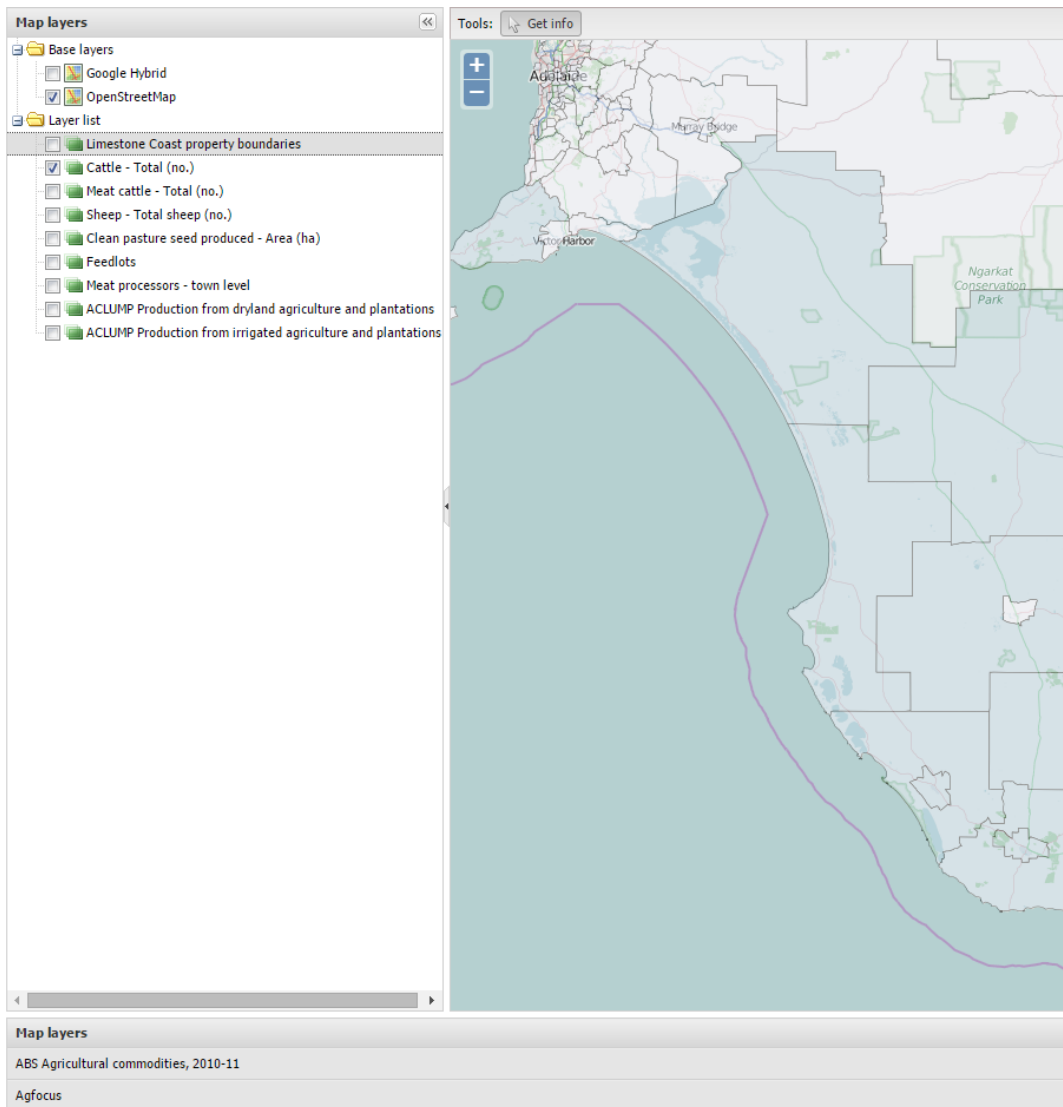
... and in the handling and processing works

- 3D imaging of cattle passing through a crush to determine condition score



- Robotic abattoirs coupled with X-Ray technology - optimising yield and driving a move to value based marketing – yield and quality parameters with full feedback to producers

We have developed a demonstration web site for the cluster project ...



A website has been developed to provide

- Key ABS statistics by region
- Property boundaries (related to PICS) and land use within
- Key infrastructure

Once you define the boundaries of your property you open access to an enormous amount of statistical and spatial information and decision support tools

... the challenge is to make it usable and relevant to your operations

Feedback from grower members

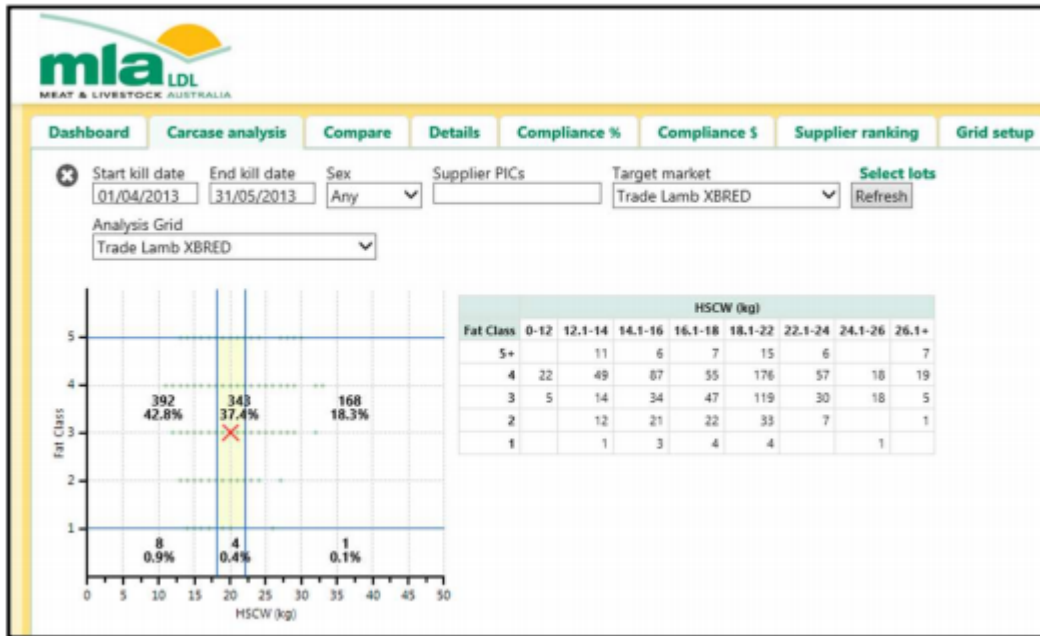
Telephone interviews held with 7 producers – not a large sample but useful feedback

Area	Observations / Feedback
Marketing	<ul style="list-style-type: none"> 6 out of 7 use an agent
Returns	<ul style="list-style-type: none"> Range of 1% to 6% return on capital. Capital ranged from \$2m to \$18m Relative returns did not always reflect scale Generally happy with returns
Benchmarking	<ul style="list-style-type: none"> 3 of the 7 participated in benchmarking groups Moderate interest from others but either low priority or would need to see the benefit No consistency re KPIs although fertility and pasture were raised most often
Areas for improvement	<ul style="list-style-type: none"> Soil and Pasture Lambing rates
Impediments	<ul style="list-style-type: none"> 5 of 7 mentioned scale Nothing else consistent – market access raised by 2 of 7
Expectations from Cluster Group	<ul style="list-style-type: none"> Greater collaboration on marketing Ways to improve financial returns Focus on production issues Understand if there is a point of difference for branding or price premiums
Branding	<ul style="list-style-type: none"> Only supported if there is a point of differentiation Most like the idea but it's not a high priority

Identify potential improvements in financial returns that require collaboration / scale

Feedback from processors

MLA has developed Livestock Data Link to provide carcase feedback



- MLA has estimated the loss to cattle producers from non-conformance is >\$100m while lamb producers could add ~\$8m through improved conformance
- Reliable and timely carcase feedback starts the process of continuous improvement

Screenshot of LDL report interface: Trade Lamb

... improving compliance will improve profitability and lift average returns

Cost of non-conformance: Cattle

MLA's Report on Cost of Non-Conformance in the Beef Processing Sector

Domestic Supermarket Grade	Estimated No of cattle in grade	Ranking	“Out of spec” Incidence from consultation (estimated % throughput)		Estimated cost of non-compliance	National total lost value of "out of specs"			
	2,600,000			low		high	per head	low	high
HSCW		High	5%	6%	\$78	\$10,140,000	\$12,168,000	\$11,154,000	\$14,027,000
Fat depth		High	1%	2%	\$26	\$676,000	\$1,352,000	\$1,014,000	
Meat Colour		High	2%	5%	\$26	\$1,352,000	\$3,380,000	\$2,366,000	
Age by Dentition		High	1%	2%	\$78	\$2,028,000	\$4,056,000	\$3,042,000	
Age by Ossification		High	2%	3%	\$78	\$4,056,000	\$6,084,000	\$5,070,000	
Japan B2	600,000	Ranking	“Out of spec” Incidence from consultation (estimated		Estimated cost of non-compliance	National total lost value of "out of specs"			
			low	high		per head	low	high	average
HSCW		High	10%	15%	\$64	\$3,840,000	\$5,760,000	\$4,800,000	\$11,592,000
Fat colour		High	1%	15%	\$96	\$576,000	\$8,640,000	\$4,608,000	
Fat depth		High	5%	10%	\$160	\$4,800,000	\$9,600,000	\$7,200,000	
Meat Colour		High	5%	10%	\$128	\$3,840,000	\$7,680,000	\$5,760,000	
Marbling		High	10%	10%	\$160	\$9,600,000	\$9,600,000	\$9,600,000	
	Primary non-conformity						Estimated total		cont'd ---->
	Estimated total lost value of out-of-spec. carcasses, calculated as value of primary non-conformity plus 25% of value of remaining 4 traits.								
If this figure is extended to cover total adult slaughter cattle not falling within these 4 destinations shown above, and excludes cull kill, the estimated lost value is in the order of \$51 million.									

Cost of non-conformance: Cattle

MLA's Report on Cost of Non-Conformance in the Beef Processing Sector

	Estimated No of cattle in grade	Ranking	"Out of spec" Incidence from consultation (estimated % throughput)		Estimated cost of non-compliance	National total lost value of "out of specs"			
			low	high	per head	low	high	average	Estimated total
Korean Steer	600,000	Ranking	"Out of spec" Incidence from consultation (estimated		Estimated cost of non-compliance	National total lost value of "out of specs"			
			low	high	per head	low	high	average	Estimated total
HSCW		High	10%	15%	\$28	\$1,680,000	\$2,520,000	\$2,100,000	\$6,993,000
Fat colour		High	5%	10%	\$28	\$840,000	\$1,680,000	\$1,260,000	
Fat depth		High	15%	30%	\$28	\$2,520,000	\$5,040,000	\$3,780,000	
Meat Colour		High	20%	30%	\$28	\$3,360,000	\$5,040,000	\$4,200,000	
Age by Dentition		High	1%	15%	\$84	\$504,000	\$7,560,000	\$4,032,000	
Domestic Retail Butcher Trade	1,100,000	Ranking	"Out of spec" Incidence from consultation (estimated		Estimated cost of non-compliance	National total lost value of "out of specs"			
			low	high	per head	low	high	average	Estimated total
HSCW		High	10%	15%	\$80	\$8,800,000	\$13,200,000	\$11,000,000	\$14,471,875
Butt Shape		High	3%	10%	\$53	\$1,749,000	\$5,830,000	\$3,789,500	
Fat depth		High	5%	15%	\$53	\$2,915,000	\$8,745,000	\$5,830,000	
Meat Colour		High	3%	5%	\$27	\$891,000	\$1,485,000	\$1,188,000	
Age by Dentition		High	2%	5%	\$80	\$1,760,000	\$4,400,000	\$3,080,000	
	Primary non-conformity						Estimated total		\$47,083,875
	Estimated total lost value of out-of-spec. carcasses, calculated as value of primary non-conformity plus 25% of value of remaining 4 traits.								
If this figure is extended to cover total adult slaughter cattle not falling within these 4 destinations shown above, and excludes cull kill, the estimated lost value is in the order of \$51 million.									

Cost of non-conformance: Cattle

MLA estimate non-conformance cost:

- \$51m lost each year from not hitting market specifications
- \$64m from carcasses being condemned
- \$12m to \$49m lost due to offal and meat condemnation
- Overall: \$127m to \$164m each year or ~\$12.80 to \$16.50 per head

Limestone Coast Analysis:

- Recommend higher monitoring of non-conformance across a larger group of producers

Non-conformance is factored into grids and can reduce the maximum price payable for the better producers

Growers within the Limestone Coast have significant performance upside ...

The average annual return on capital over the past 25 years is 0.9% while the last 5 years has yielded only 1.7%¹:

- The variability in returns between -3% to 8% indicates significant upside potential
 - A greater focus on farming for profit and developing a framework to assist in supporting an uplift in earnings should be a primary focus
 - Benchmarking within a learning environment is a key to continuous improvement but is often too complex or difficult – there are ways to make it simple and scalable
 - Individually, producers in the region are too small to influence the value chain and are price takers as a result. Collectively the region represents:
 - 2.4% of national herd and 56% of SA herd
 - 5.2% of national flock and 34% of SA flock
 - ~50% of SA cattle processing capacity and ~30% of SA sheep/lamb capacity (but higher share of physical slaughter)
 - Collective action may offer a pathway to greater profitability and supply chain leverage
 - Early trialling/adoption of innovative measurement/production technologies and Value Based Marketing are two key areas to consider with some urgency
 - There is a genuine willingness to engage from downstream participants in the value chain
- ... but need to upgrade business skills and act collectively to exert beneficial influence in the value chain*

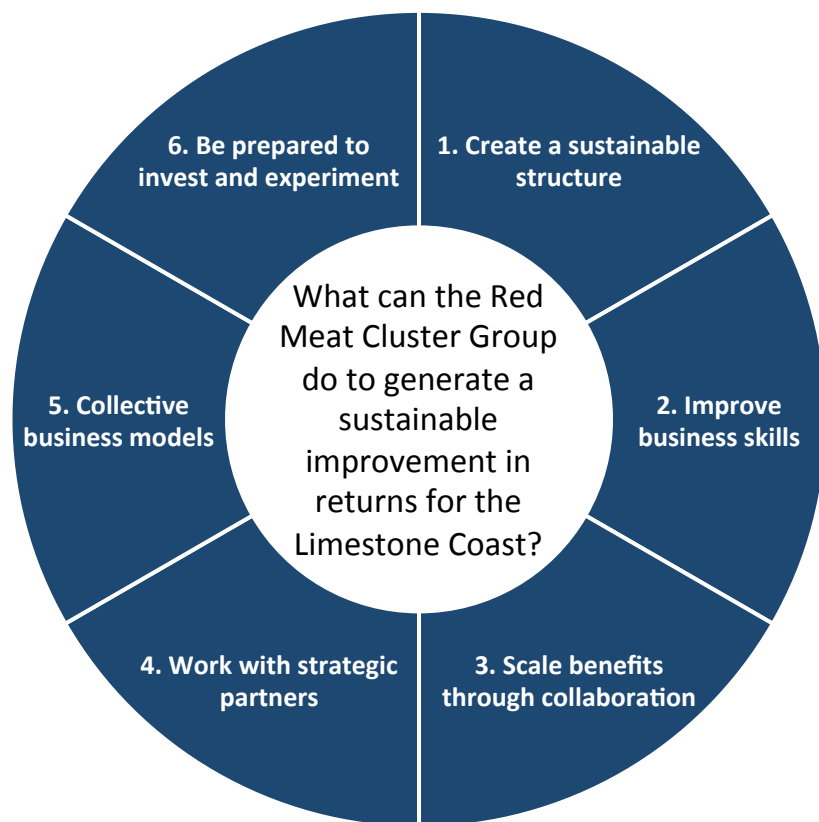
1. Source: ABARES AGSURF data

Where to next? A few ideas...

Passion and goals are not enough ...

*... you need effective and
sustainable systems to improve
your chances of delivering those
goals*

A few ideas to take the group forward for the next 3 to 5 years to improve returns

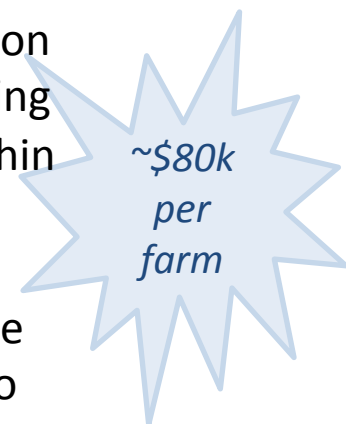


Set a measurable goal:

Increase the return on capital of participating members by 2% within 5 years

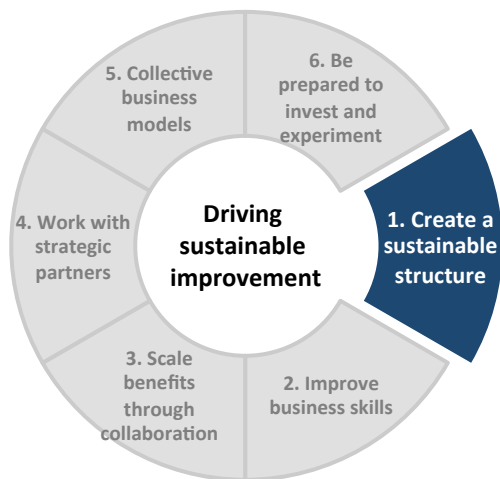
...

and put sustainable systems in place to drive delivery



Only a well conceived, adequately funded, sensibly staged, fully engaged and effectively communicated strategic plan for the long term should be considered

Set up a structure which is sustainable and scalable in the eyes of your membership and partners



Objectives:

- 1. Establish a management board with the appropriate mix of skills and time commitment**
2. Provide drive and oversight of group initiatives
3. Provide a focal point for membership and partners
4. Achieve a mix of voluntary and paid positions, the latter taking responsibility for business mentoring, project oversight and ongoing reporting and communication
5. Grow membership through communicating success and offering clear benefits



Requirements:

- The right personnel
- Funding – internal and external

Related to other initiatives:

- 6. Be prepared to invest and experiment – joint funding from membership, government and partners



Outcomes:

1. A sustainable commercially focussed framework for the Cluster Group
2. A group which is taken seriously by members and partners
3. A collective set of capabilities which can be applied to delivering on group objectives and providing oversight and mentoring of cluster group members where requested
4. A framework for communication, training and support with demonstrated member benefits

The overarching goal: Improve business returns through upskilling farm operators



Objectives:

1. Undertake a business skills audit – financial and operational
2. Measures and processes are put in place to drive performance improvement
3. Engage with industry data on a continuous basis – particularly NLIS, NLRS and LDL
4. Realistic performance improvement objectives are set
5. Develop a training and mentoring program



Requirements:

- The right personnel
- Funding –internal and external

Related to other initiatives:

- 1. Create a sustainable structure
- 3. Scale benefits through collaboration – related to data acquisition and management

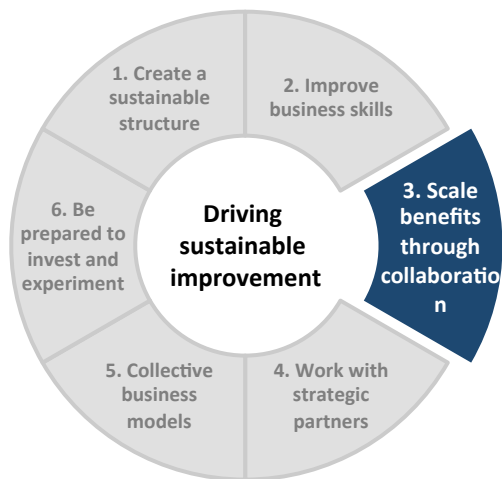


Outcomes:

1. A high performance culture is developed across the membership
2. Effective and scalable benchmarking systems are put in place
3. Measurable improvement in returns towards an agreed target
4. Growth in participation driven by demonstrated success
5. A growing database on regional performance

*... develop a systemised rather than ad hoc approach to business improvement
- working as much on the business as in the business*

Pick early winners, start small, design for rapid growth if successful



Objectives – sample only:

1. **Negotiate a common, low cost platform for accounting and benchmarking for membership – could also extend to farm management systems**
2. Negotiated inputs and services contracts for membership – internal and external suppliers
3. Establish supply chain relationships based on collective volumes
4. Tailored grids / pricing systems reflecting collective volumes
5. Improved data / feedback access for membership



Requirements:

- The right personnel
- Engagement of commitment of group membership

Related to other initiatives:

- 1. Create a sustainable structure
- 2. Improve business skills
- 4. Work with strategic partners
- 5. Collective business models
- 6. Be prepared to invest and experiment

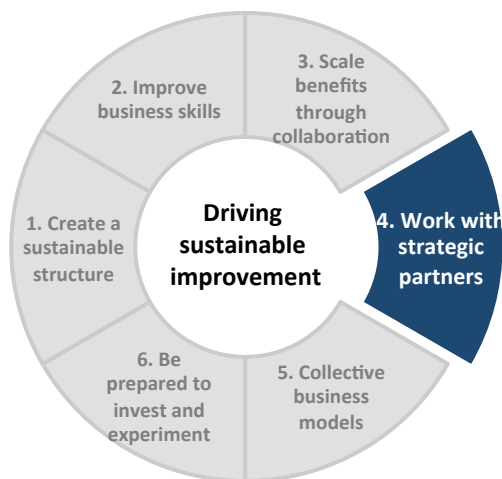


Outcomes:

1. **A common system for accounting, farm management and benchmarking – highly scalable for membership growth**
2. Lower cost inputs and services based on collective bargaining
3. Improved coordination and pricing for end markets
4. Broader and deeper data access for performance feedback and benchmarking

... and communicate effectively

There is a willingness of downstream partners to work with the Cluster Group



Objectives – sample only:

- 1. Review grids on the basis of collective commitments of cluster group**
- 2. Trial alternative pricing mechanisms – e.g. the “continuous pricing” system proposed by TFI, yield based marketing trial with processors**
3. Identify and trial a niche market – e.g. butcher chain
4. Develop feedback systems (e.g. LDL) to support benchmarking

Requirements:

- The right personnel
- Engagement of commitment of group membership

Related to other initiatives:

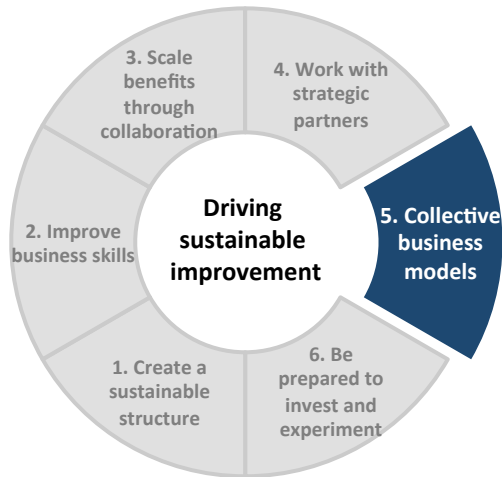
- 1. Create a sustainable structure
- 2. Improve business skills
- 3. Scale benefits through collaboration
- 6. Be prepared to invest and experiment

Outcomes:

1. Higher value but tighter grids
2. Improved conformance to market specifications due to higher volumes coordination – lower discounts
3. Improved risk and margin management through niche market opportunities
4. Improved data for benchmarking and continuous improvement

... the challenge is for the group to engage in a material and sustainable way

Opportunities to derive scale benefits without investing in more farmland ...



Objectives – sample only:

1. Research alternative business models: e.g. group of farmers lease properties to shared entity to operate and market collectively
2. Establish a regional livestock exchange (e.g. using AuctionsPlus)
3. Establish a local platform for leasing / agistment market
4. Organise a service kill arrangement and market own carcasses
5. Explore opportunities to share infrastructure development: feedlot, machinery and / or technology

Requirements:

- Research alternative models working in other regions
- Engagement and commitment of group members

Related to other initiatives:

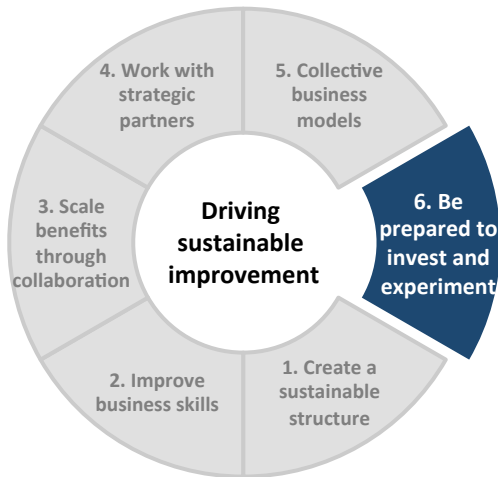
- 1. Create a sustainable structure
- 2. Improve business skills
- 3. Scale benefits through collaboration
- 6. Be prepared to invest and experiment

Outcomes:

1. Demonstrable improvement in returns from a shared capital approach
2. Improved risk management through collective initiatives
3. Reduced marketing & logistics costs

... possible variations of a Co-operative structure

Commence the transition to partial self-funding of innovation ...



Objectives – sample only:

1. Establish a watching brief on technology and business models relevant to the region
- 2. Several opportunities trialled / implemented**
3. Develop an innovation fund – part funded by membership
4. Attract third party investment for key infrastructure and technology



Requirements:

- The right personnel
- Engagement of commitment of group membership

Related to other initiatives:

- 1. Create a sustainable structure
- 2. Improve business skills
- 3. Scale benefits through collaboration
- 4. Work with strategic partners
- 5. Collective business models



Outcomes:

1. The region is better informed of and more in control of emerging technologies and business models that suit their region's needs
2. Third party investors attracted to the region for investment opportunities

... ultimately attracting third party investors when viability and scalability demonstrated

Acknowledgements

A significant amount of free time and data was provided by a number of parties to enable the data in this presentation to be assembled. Special thanks go to:

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- NLIS

Thankyou

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Cattle Movements: All Zones

Reconciliation: All PIC Zones

Flow	Type	Channel	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2011-15
Zone to Proc	Slaughter	Direct	112,371	127,765	164,052	176,412	190,796	
Zone to Proc	Slaughter	S/Yard	130,386	101,032	89,529	95,784	111,695	
Zone to Proc	Slaughter	All Channels	242,757	228,797	253,581	272,196	302,491	⇒ 25%
From Ppty to within LC	Store	Direct	66,544	50,183	47,456	56,357	64,944	
From Ppty to Outside LC in SA	Store	Direct	14,150	11,142	13,989	18,249	21,903	
From Ppty to Outside SA	Store	Direct	64,559	52,515	49,579	56,576	76,720	
From Property to within LC	Store	S/Yard	43,170	37,637	37,618	44,005	31,820	
From Ppty to Outside LC in SA	Store	S/Yard	4,949	6,175	4,959	7,871	10,328	
From Ppty to Outside SA	Store	S/Yard	40,828	38,964	28,248	22,910	34,572	
Total Movements from Property	Store	All Channels	234,200	196,616	181,849	205,968	240,287	
Total Exit from LC	Store	All Channels	124,486	108,796	96,775	105,606	143,523	⇒ 15%
Into LC Ppty from within LC	Store	Direct	66,544	50,183	47,456	56,357	64,944	
Into LC Ppty from Outside LC in SA	Store	Direct	25,988	15,465	21,131	18,647	14,616	
Into LC Ppty from Outside SA	Store	Direct	58,922	31,865	40,558	49,591	61,371	
Into LC Ppty from within LC	Store	S/Yard	43,170	37,637	37,618	44,005	31,820	
Into LC Ppty from Outside LC	Store	S/Yard	46,391	35,996	41,681	57,122	63,736	
Total Movements Into LC Pptys	Store	All Channels	241,015	171,146	188,444	225,722	236,487	
Total Into LC	Store	All Channels	131,301	83,326	103,370	125,360	139,723	⇒ 6%
All Movements	Store	All Channels	365,501	279,942	285,219	331,328	380,010	
Net Movements	Store	All Channels	6,815	-25,470	6,595	19,754	-3,800	
All Movements	SI & Str	All Channels	608,258	508,739	538,800	603,524	682,501	⇒ 12%
Net Movements	SI & Str	All Channels	-235,942	-254,267	-246,986	-252,442	-306,291	⇒ 30%
Internal Store Movements: to & from			109,714	87,820	85,074	100,362	96,764	
Slaughter Movements: % Direct			46%	56%	65%	65%	63%	
Internal Store Movements: % Direct			61%	57%	56%	56%	67%	
External Store Movements: % Direct			64%	58%	63%	62%	62%	

Cattle Movements: Limestone Coast Only

Reconciliation: LC Only

Flow	Type	Channel	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2011-15
Zone to Proc	Slaughter	Direct	62,279	73,924	98,046	103,908	100,843	
Zone to Proc	Slaughter	S/Yard	115,678	88,842	79,473	85,131	98,133	
Zone to Proc	Slaughter	All Channels	177,957	162,766	177,519	189,038	198,976	⇒ 12%
From Ppty to within LC	Store	Direct	48,895	36,727	35,798	40,201	52,431	
From Ppty to Outside LC in SA	Store	Direct	8,879	7,533	10,026	14,047	16,331	
From Ppty to Outside SA	Store	Direct	55,338	44,633	42,165	49,967	67,186	
From Property to within LC	Store	S/Yard	37,696	33,287	33,411	37,927	28,218	
From Ppty to Outside LC in SA	Store	S/Yard	3,277	4,594	3,795	5,783	8,362	
From Ppty to Outside SA	Store	S/Yard	37,547	34,789	25,063	19,732	30,803	
Total Movements from Property	Store	All Channels	191,631	161,563	150,258	167,658	203,331	
Total Exit from LC	Store	All Channels	105,040	91,550	81,049	89,530	122,682	⇒ 17%
Into LC Ppty from within LC	Store	Direct	36,600	27,470	25,780	33,051	39,696	
Into LC Ppty from Outside LC in SA	Store	Direct	14,222	7,064	11,356	11,841	9,547	
Into LC Ppty from Outside SA	Store	Direct	46,409	24,037	29,232	32,169	38,241	
Into LC Ppty from within LC	Store	S/Yard	36,284	27,698	29,212	35,015	26,125	
Into LC Ppty from Outside LC	Store	S/Yard	29,746	19,081	22,317	31,610	22,851	
Total Movements Into LC Pptys	Store	All Channels	163,261	105,350	117,897	143,686	136,459	
Total Into LC	Store	All Channels	90,377	50,182	62,905	75,620	70,639	⇒ -22%
All Movements	Store	All Channels	282,008	211,745	213,163	243,277	273,970	
Net Movements	Store	All Channels	-14,663	-41,368	-18,144	-13,910	-52,044	
All Movements	SI & Str	All Channels	459,965	374,511	390,682	432,316	472,946	⇒ 3%
Net Movements	SI & Str	All Channels	-192,620	-204,134	-195,662	-202,948	-251,020	⇒ 30%
Internal Store Movements: to & from			86,591	70,014	69,209	78,128	80,649	
Slaughter Movements: % Direct			35%	45%	55%	55%	51%	
Internal Store Movements: % Direct			56%	52%	52%	51%	65%	
External Store Movements: % Direct			64%	59%	64%	65%	68%	

Cattle Movements: Limestone Coast & Coorong

Reconciliation: LC & Coorong

Flow	Type	Channel	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2011-15
Zone to Proc	Slaughter	Direct	105,775	120,788	155,164	166,464	178,909	
Zone to Proc	Slaughter	S/Yard	127,750	98,593	87,542	93,805	109,033	
Zone to Proc	Slaughter	All Channels	233,525	219,381	242,706	260,269	287,941	⇒ 23%
From Ppty to within LC	Store	Direct	63,875	47,931	45,957	54,045	63,329	
From Ppty to Outside LC in SA	Store	Direct	13,355	10,616	13,487	17,729	21,084	
From Ppty to Outside SA	Store	Direct	63,054	51,477	48,596	55,765	75,487	
From Property to within LC	Store	S/Yard	42,001	36,725	36,821	42,940	31,122	
From Ppty to Outside LC in SA	Store	S/Yard	4,513	5,748	4,571	7,334	9,693	
From Ppty to Outside SA	Store	S/Yard	40,244	38,142	27,675	22,378	33,923	
Total Movements from Property	Store	All Channels	227,042	190,640	177,107	200,191	234,638	
Total Exit from LC	Store	All Channels	121,166	105,984	94,329	103,206	140,186	⇒ 16%
Into LC Ppty from within LC	Store	Direct	62,697	46,863	44,621	53,211	61,835	
Into LC Ppty from Outside LC in SA	Store	Direct	24,366	14,098	19,560	17,504	13,445	
Into LC Ppty from Outside SA	Store	Direct	56,502	30,558	38,811	47,130	58,575	
Into LC Ppty from within LC	Store	S/Yard	42,046	36,211	36,359	42,710	31,019	
Into LC Ppty from Outside LC	Store	S/Yard	43,700	33,813	39,134	53,929	58,731	
Total Movements Into LC Pptys	Store	All Channels	229,311	161,543	178,486	214,484	223,605	
Total Into LC	Store	All Channels	124,567	78,468	97,506	118,563	130,751	⇒ 5%
All Movements	Store	All Channels	351,609	269,108	274,613	318,754	365,389	
Net Movements	Store	All Channels	3,401	-27,515	3,177	15,356	-9,435	
All Movements	SI & Str	All Channels	585,134	488,489	517,319	579,023	653,330	⇒ 12%
Net Movements	SI & Str	All Channels	-230,124	-246,896	-239,529	-244,913	-297,376	⇒ 29%
Internal Store Movements: to & from			105,876	84,656	82,778	96,984	94,451	
Slaughter Movements: % Direct			45%	55%	64%	64%	62%	
Internal Store Movements: % Direct			60%	57%	56%	56%	67%	
External Store Movements: % Direct			64%	58%	63%	62%	62%	

Sheep/Lamb Movements: All Zones

Reconciliation: All PIC Zones

Flow	Type	Channel	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2011-15
Zone to Proc	Slaughter	Direct	1,099,999	1,472,030	1,711,446	1,701,154	1,618,160	
Zone to Proc	Slaughter	S/Yard	588,071	434,158	438,410	448,382	388,399	
Zone to Proc	Slaughter	All Channels	1,688,070	1,906,188	2,149,856	2,149,536	2,006,559	⇒ 19%

From Ppty to within LC	Store	Direct	35,151	74,192	53,901	102,660	139,810	
From Ppty to Outside LC in SA	Store	Direct	11,543	52,401	23,021	28,620	57,323	
From Ppty to Outside SA	Store	Direct	19,524	33,911	23,856	42,334	55,858	
From Property to within LC	Store	S/Yard	72,894	86,527	96,805	109,957	96,456	
From Ppty to Outside LC in SA	Store	S/Yard	13,543	12,107	15,865	27,840	25,316	
From Ppty to Outside SA	Store	S/Yard	40,505	50,277	45,844	56,146	56,052	
Total Movements from Property	Store	All Channels	193,160	309,415	259,292	367,557	430,815	
Total Exit from LC	Store	All Channels	85,115	148,696	108,586	154,940	194,549	⇒ 129%

Into LC Ppty from within LC	Store	Direct	35,151	74,192	53,901	102,660	139,810	
Into LC Ppty from Outside LC in SA	Store	Direct	29,385	43,450	35,718	49,762	67,093	
Into LC Ppty from Outside SA	Store	Direct	32,898	22,961	18,713	51,487	30,870	
Into LC Ppty from within LC	Store	S/Yard	72,894	86,527	96,805	109,957	96,456	
Into LC Ppty from Outside LC	Store	S/Yard	98,103	79,872	130,625	111,250	110,232	
Total Movements Into LC Pptys	Store	All Channels	268,431	307,002	335,762	425,116	444,461	
Total Into LC	Store	All Channels	160,386	146,283	185,056	212,499	208,195	⇒ 30%

All Movements	Store	All Channels	353,546	455,698	444,348	580,056	639,010	
Net Movements	Store	All Channels	75,271	-2,413	76,470	57,559	13,646	

All Movements	SI & Str	All Channels	2,041,616	2,361,886	2,594,204	2,729,592	2,645,569	⇒ 30%
Net Movements	SI & Str	All Channels	-1,612,799	-1,908,601	-2,073,386	-2,091,977	-1,992,913	⇒ 24%

Internal Store Movements: to & from			108,045	160,719	150,706	212,617	236,266	
Slaughter Movements: % Direct			65%	77%	80%	79%	81%	
Internal Store Movements: % Direct			33%	46%	36%	48%	59%	
External Store Movements: % Direct			38%	52%	35%	47%	52%	

Sheep/Lamb Movements: Limestone Coast Only

Reconciliation: LC Only

Flow	Type	Channel	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2011-15
Zone to Proc	Slaughter	Direct	903,029	1,194,125	1,400,204	1,391,873	1,292,229	
Zone to Proc	Slaughter	S/Yard	492,700	359,646	361,785	376,562	328,173	
Zone to Proc	Slaughter	All Channels	1,395,729	1,553,772	1,761,989	1,768,435	1,620,402	⇒ 16%

From Ppty to within LC	Store	Direct	27,446	57,624	42,053	79,037	114,684	
From Ppty to Outside LC in SA	Store	Direct	3,203	36,061	11,136	17,697	37,425	
From Ppty to Outside SA	Store	Direct	16,407	26,517	19,185	35,593	48,979	
From Property to within LC	Store	S/Yard	60,940	70,652	72,920	81,491	72,893	
From Ppty to Outside LC in SA	Store	S/Yard	1,933	4,909	3,709	11,644	13,378	
From Ppty to Outside SA	Store	S/Yard	32,239	39,807	36,182	45,446	46,957	
Total Movements from Property	Store	All Channels	142,167	235,570	185,185	270,909	334,316	
Total Exit from LC	Store	All Channels	53,781	107,294	70,212	110,380	146,739	⇒ 173%

Into LC Ppty from within LC	Store	Direct	29,220	63,431	46,558	87,813	120,756	
Into LC Ppty from Outside LC in SA	Store	Direct	20,630	34,300	26,634	40,955	51,521	
Into LC Ppty from Outside SA	Store	Direct	23,101	20,933	17,650	43,018	26,660	
Into LC Ppty from within LC	Store	S/Yard	68,706	77,561	83,115	97,267	83,213	
Into LC Ppty from Outside LC	Store	S/Yard	65,761	60,716	82,471	87,646	85,090	
Total Movements Into LC Pptys	Store	All Channels	207,418	256,941	256,428	356,700	367,239	
Total Into LC	Store	All Channels	109,492	115,949	126,755	171,619	163,270	⇒ 49%

All Movements	Store	All Channels	251,658	351,519	311,940	442,528	497,586	
Net Movements	Store	All Channels	55,710	8,654	56,543	61,239	16,531	

All Movements	SI & Str	All Channels	1,647,387	1,905,290	2,073,929	2,210,963	2,117,988	⇒ 29%
Net Movements	SI & Str	All Channels	-1,340,018	-1,545,117	-1,705,445	-1,707,196	-1,603,871	⇒ 20%

Internal Store Movements: to & from			88,385	128,276	114,973	160,529	187,577	
Slaughter Movements: % Direct			65%	77%	79%	79%	80%	
Internal Store Movements: % Direct			31%	45%	37%	49%	61%	
External Store Movements: % Direct			39%	53%	38%	49%	53%	

Sheep/Lamb Movements: Limestone Coast & Coorong

Reconciliation: LC & Coorong

Flow	Type	Channel	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	2011-15
Zone to Proc	Slaughter	Direct	1,041,011	1,391,294	1,622,456	1,602,455	1,512,907	
Zone to Proc	Slaughter	S/Yard	553,600	406,575	407,996	419,466	364,369	
Zone to Proc	Slaughter	All Channels	1,594,610	1,797,869	2,030,451	2,021,921	1,877,277	⇒ 18%

From Ppty to within LC	Store	Direct	32,134	71,038	51,756	97,203	135,380	
From Ppty to Outside LC in SA	Store	Direct	8,060	46,858	18,866	25,037	52,735	
From Ppty to Outside SA	Store	Direct	18,605	32,488	23,184	41,640	54,590	
From Property to within LC	Store	S/Yard	69,020	79,225	87,737	98,348	87,653	
From Ppty to Outside LC in SA	Store	S/Yard	7,446	8,177	9,288	18,967	19,590	
From Ppty to Outside SA	Store	S/Yard	37,702	47,035	42,119	51,692	52,442	
Total Movements from Property	Store	All Channels	172,968	284,821	232,950	332,887	402,390	
Total Exit from LC	Store	All Channels	71,813	134,558	93,457	137,336	179,357	⇒ 150%

Into LC Ppty from within LC	Store	Direct	33,332	71,643	52,184	97,058	134,703	
Into LC Ppty from Outside LC in SA	Store	Direct	26,937	39,721	31,807	46,800	63,280	
Into LC Ppty from Outside SA	Store	Direct	31,081	22,584	18,596	50,413	30,134	
Into LC Ppty from within LC	Store	S/Yard	71,927	84,380	93,729	105,828	93,673	
Into LC Ppty from Outside LC	Store	S/Yard	92,822	74,669	120,320	105,184	104,302	
Total Movements Into LC Pptys	Store	All Channels	256,099	292,997	316,635	405,283	426,093	
Total Into LC	Store	All Channels	150,840	136,974	170,722	202,397	197,716	⇒ 31%

All Movements	Store	All Channels	323,808	421,795	403,672	535,284	600,106	
Net Movements	Store	All Channels	79,027	2,416	77,265	65,061	18,360	

All Movements	SI & Str	All Channels	1,918,418	2,219,664	2,434,124	2,557,205	2,477,383	⇒ 29%
Net Movements	SI & Str	All Channels	-1,515,584	-1,795,453	-1,953,186	-1,956,860	-1,858,917	⇒ 23%

Internal Store Movements: to & from			101,154	150,263	139,493	195,551	223,033	
Slaughter Movements: % Direct			65%	77%	80%	79%	81%	
Internal Store Movements: % Direct			32%	47%	37%	50%	61%	
External Store Movements: % Direct			38%	52%	35%	48%	53%	

Slaughter Cattle Movements by Zone & Type

Zone to Processor Movements: Direct from Property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	7,030	8,917	8,963	10,208	185	237	497	2,251	1,559	1,707	861	1,006	372	201	517	328	9,721
SA11	2,368	2,731	3,531	5,186	446	27	538	861	1,634	966	593	389	455	97	342	388	6,736
SA12	2,401	3,841	6,566	6,614	81	82	516	718	1,034	364	539	351	536	691	423	431	5,766
SA13	1,110	2,876	8,146	4,416	40	293	237	565	913	565	136	1,001	1,731	305	553	938	7,277
SA14	766	1,987	1,948	2,835	147	98	168	216	608	578	357	209	266	322	101	201	3,271
SA15	5,583	8,349	11,018	10,262	500	535	601	1,363	1,753	1,171	1,503	714	416	414	334	184	9,488
SA16	4,944	5,355	6,815	6,934	251	679	333	934	1,881	1,318	519	400	161	347	214	5	7,042
SA17	1,316	1,757	2,008	2,682	27	13	199	313	470	424	129	3	102	66	22	31	1,799
SA18	9,117	7,746	8,809	9,566	213	396	714	2,331	969	656	567	311	447	150	167	234	7,155
SA20	8,205	11,242	11,619	11,318	564	201	445	2,242	2,323	2,858	1,320	180	536	83	93	87	10,932
SA21	5,666	5,919	7,323	7,539	442	135	1,035	1,839	1,678	447	310	276	203	50	256	145	6,816
SA22	5,189	4,217	6,330	6,855	291	282	1,150	1,387	552	434	553	725	504	630	327	309	7,144
SA23	7,751	8,343	13,496	18,655	474	743	1,682	3,205	2,445	3,025	3,955	127	446	235	138	342	16,817
SA24	7,630	7,551	11,830	12,185	1,158	790	1,579	1,852	1,139	1,143	919	907	370	659	404	349	11,269
SA25	42,831	46,490	55,005	59,938	6,161	4,025	7,299	6,399	6,949	4,778	7,321	7,380	6,234	7,083	7,095	7,557	78,281
SA28	464	444	645	1,219	115	3	4	100	94	18	22	91	88	152	219	376	1,282
Total	112,371	127,765	164,052	176,412	11,095	8,539	16,997	26,576	26,001	20,452	19,604	14,070	12,867	11,485	11,205	11,905	190,796
LC Only	62,279	73,924	98,046	103,908	4,001	3,938	8,313	18,112	17,534	14,479	11,110	6,012	6,225	3,844	3,582	3,694	100,843
LC & Coorong	105,775	120,788	155,164	166,464	10,098	7,937	15,878	25,434	24,935	19,688	18,592	13,001	12,030	10,449	10,164	10,702	178,909

Slaughter Cattle Movements by Zone & Type

Zone to Processor: Via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	11,232	8,780	7,802	8,179	423	341	847	1,504	1,547	1,221	1,658	926	754	470	185	163	10,039
SA11	8,578	6,251	5,720	7,296	367	643	961	1,068	755	597	665	787	709	295	177	152	7,176
SA12	16,458	12,383	12,221	13,062	649	1,535	2,769	1,952	1,157	948	1,219	1,379	947	443	674	368	14,040
SA13	6,919	6,072	5,552	6,154	343	382	623	1,163	871	543	1,128	673	336	338	136	207	6,743
SA14	7,827	6,054	6,329	7,253	355	472	1,037	1,244	928	633	1,263	1,071	408	359	219	379	8,368
SA15	11,136	9,476	7,936	7,856	372	345	847	1,444	1,331	889	1,493	748	484	204	281	171	8,609
SA16	6,801	4,586	3,656	4,378	295	234	805	1,027	1,064	510	611	679	291	132	134	202	5,984
SA17	5,350	4,293	3,661	4,012	147	289	764	591	579	386	474	265	205	182	260	219	4,361
SA18	11,041	8,651	7,418	8,264	194	559	1,625	1,152	1,340	994	850	653	697	439	416	345	9,264
SA20	10,728	6,988	6,097	5,449	236	340	962	1,164	1,315	782	773	588	382	177	238	352	7,309
SA21	6,554	4,171	4,115	3,886	186	236	612	1,037	539	734	706	368	364	302	392	318	5,794
SA22	6,318	4,688	3,067	4,099	304	110	870	541	279	279	269	244	322	107	190	329	3,844
SA23	6,510	5,325	5,046	4,843	290	246	1,198	1,050	783	428	383	482	465	202	270	270	6,067
SA24	6,432	6,620	5,903	4,707	276	274	833	461	654	582	650	752	722	417	334	566	6,521
SA25	7,770	6,006	4,514	5,756	529	430	1,029	597	488	337	296	660	659	586	542	517	6,670
SA28	732	688	492	590	88	49	72	135	47	18	88	100	132	50	49	78	906
Total	130,386	101,032	89,529	95,784	5,054	6,485	15,854	16,130	13,677	9,881	12,526	10,375	7,877	4,703	4,497	4,636	111,695
LC Only	115,678	88,842	79,473	85,131	4,195	5,758	13,962	14,717	12,528	8,949	11,542	9,037	6,528	3,729	3,580	3,608	98,133
LC & Coorong	127,750	98,593	87,542	93,805	4,876	6,348	15,528	15,873	13,464	9,721	12,304	10,084	7,567	4,521	4,336	4,412	109,033

Slaughter Cattle Movements by Zone & Type

Zone to Processor: All Channels

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	18,262	17,697	16,765	18,387	608	578	1,344	3,755	3,106	2,928	2,519	1,932	1,126	671	702	491	19,760
SA11	10,946	8,982	9,251	12,482	813	670	1,499	1,929	2,389	1,563	1,258	1,176	1,164	392	519	540	13,912
SA12	18,859	16,224	18,787	19,676	730	1,617	3,285	2,670	2,191	1,312	1,758	1,730	1,483	1,134	1,097	799	19,806
SA13	8,029	8,948	13,698	10,570	383	675	860	1,728	1,784	1,108	1,264	1,674	2,067	643	689	1,145	14,020
SA14	8,593	8,041	8,277	10,088	502	570	1,205	1,460	1,536	1,211	1,620	1,280	674	681	320	580	11,639
SA15	16,719	17,825	18,954	18,118	872	880	1,448	2,807	3,084	2,060	2,996	1,462	900	618	615	355	18,097
SA16	11,745	9,941	10,471	11,312	546	913	1,138	1,961	2,945	1,828	1,130	1,079	452	479	348	207	13,026
SA17	6,666	6,050	5,669	6,694	174	302	963	904	1,049	810	603	268	307	248	282	250	6,160
SA18	20,158	16,397	16,227	17,830	407	955	2,339	3,483	2,309	1,650	1,417	964	1,144	589	583	579	16,419
SA20	18,933	18,230	17,716	16,767	800	541	1,407	3,406	3,638	3,640	2,093	768	918	260	331	439	18,241
SA21	12,220	10,090	11,438	11,425	628	371	1,647	2,876	2,217	1,181	1,016	644	567	352	648	463	12,610
SA22	11,507	8,905	9,397	10,954	595	392	2,020	1,928	831	713	822	969	826	737	517	638	10,988
SA23	14,261	13,668	18,542	23,498	764	989	2,880	4,255	3,228	3,453	4,338	609	911	437	408	612	22,884
SA24	14,062	14,171	17,733	16,892	1,434	1,064	2,412	2,313	1,793	1,725	1,569	1,659	1,092	1,076	738	915	17,790
SA25	50,601	52,496	59,519	65,694	6,690	4,455	8,328	6,996	7,437	5,115	7,617	8,040	6,893	7,669	7,637	8,074	84,951
SA28	1,196	1,132	1,137	1,809	203	52	76	235	141	36	110	191	220	202	268	454	2,188
Total	242,757	228,797	253,581	272,196	16,149	15,024	32,851	42,706	39,678	30,333	32,130	24,445	20,744	16,188	15,702	16,541	302,491
LC Only	177,957	162,766	177,519	189,038	8,196	9,695	22,276	32,829	30,062	23,429	22,652	15,049	12,752	7,573	7,162	7,302	198,976
LC & Coorong	233,525	219,381	242,706	260,269	14,974	14,285	31,406	41,307	38,399	29,408	30,896	23,085	19,597	14,970	14,500	15,115	287,941

Slaughter Cattle Movements by Zone & Type

Zone to Processor: Percentage Direct off Paddock

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	38%	50%	53%	56%	30%	41%	37%	60%	50%	58%	34%	52%	33%	30%	74%	67%	49%
SA11	22%	30%	38%	42%	55%	4%	36%	45%	68%	62%	47%	33%	39%	25%	66%	72%	48%
SA12	13%	24%	35%	34%	11%	5%	16%	27%	47%	28%	31%	20%	36%	61%	39%	54%	29%
SA13	14%	32%	59%	42%	10%	43%	28%	33%	51%	51%	11%	60%	84%	47%	80%	82%	52%
SA14	9%	25%	24%	28%	29%	17%	14%	15%	40%	48%	22%	16%	39%	47%	32%	35%	28%
SA15	33%	47%	58%	57%	57%	61%	42%	49%	57%	57%	50%	49%	46%	67%	54%	52%	52%
SA16	42%	54%	65%	61%	46%	74%	29%	48%	64%	72%	46%	37%	36%	72%	61%	2%	54%
SA17	20%	29%	35%	40%	16%	4%	21%	35%	45%	52%	21%	1%	33%	27%	8%	12%	29%
SA18	45%	47%	54%	54%	52%	41%	31%	67%	42%	40%	40%	32%	39%	25%	29%	40%	44%
SA20	43%	62%	66%	68%	71%	37%	32%	66%	64%	79%	63%	23%	58%	32%	28%	20%	60%
SA21	46%	59%	64%	66%	70%	36%	63%	64%	76%	38%	31%	43%	36%	14%	40%	31%	54%
SA22	45%	47%	67%	63%	49%	72%	57%	72%	66%	61%	67%	75%	61%	85%	63%	48%	65%
SA23	54%	61%	73%	79%	62%	75%	58%	75%	76%	88%	91%	21%	49%	54%	34%	56%	73%
SA24	54%	53%	67%	72%	81%	74%	65%	80%	64%	66%	59%	55%	34%	61%	55%	38%	63%
SA25	85%	89%	92%	91%	92%	90%	88%	91%	93%	93%	96%	92%	90%	92%	93%	94%	92%
SA28	39%	39%	57%	67%	57%	6%	5%	43%	67%	50%	20%	48%	40%	75%	82%	83%	59%
Total	46%	56%	65%	65%	69%	57%	52%	62%	66%	67%	61%	58%	62%	71%	71%	72%	63%
LC Only	35%	45%	55%	55%	49%	41%	37%	55%	58%	62%	49%	40%	49%	51%	50%	51%	51%
LC & Coorong	45%	55%	64%	64%	67%	56%	51%	62%	65%	67%	60%	56%	61%	70%	70%	71%	62%

Store Cattle Movements by Zone & Type

Within Limestone Coast Region: Direct from property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	2,486	3,131	2,454	2,350	225	76	224	469	408	158	139	309	123	340	213	211	2,895
SA11	1,264	1,586	1,240	2,292	147	117	54	24	266	327	159	73	4	48	113	4	1,336
SA12	2,140	2,699	2,391	1,713	133	73	268	230	817	117	63	195	623	244	196	87	3,046
SA13	1,249	841	1,354	846	164	88	52	15	85	32	155	24	62	7	9	111	804
SA14	555	547	1,674	2,147	33	21	32	41	11	297	130	393	22	12	103	110	1,205
SA15	1,790	994	1,966	1,464	70	7	562	281	108	271	301	293	160	37	23	72	2,185
SA16	1,748	2,842	2,539	2,122	697	121	3	245	943	41	108	217	1,067	25	424	5	3,896
SA17	1,578	1,130	872	845	0	172	10	240	92	23	13	187	51	339	111	129	1,367
SA18	6,842	3,566	4,377	5,227	286	306	508	332	2,463	553	230	534	365	472	414	144	6,607
SA20	10,258	5,407	5,899	7,711	92	323	587	1,267	474	1,621	2,026	903	696	74	716	794	9,573
SA21	5,631	5,603	5,087	6,420	273	310	2,250	1,029	534	1,559	201	196	115	232	127	125	6,951
SA22	2,892	2,655	1,440	2,331	1,520	235	545	155	408	1,391	874	177	777	30	81	911	7,104
SA23	10,292	6,016	5,337	5,445	253	737	970	951	1,337	455	432	797	83	215	166	596	6,992
SA24	6,952	4,578	2,869	3,956	311	118	210	112	157	96	564	472	264	408	214	35	2,961
SA25	10,640	7,928	7,853	11,057	233	2,193	197	712	698	520	107	283	738	1,308	464	325	7,778
SA28	227	660	104	431	53	18	0	1	6	41	6	0	0	119	0	0	244
Total	66,544	50,183	47,456	56,357	4,490	4,915	6,472	6,104	8,807	7,502	5,508	5,053	5,150	3,910	3,374	3,659	64,944
LC Only	48,895	36,727	35,798	40,201	3,925	2,450	5,415	4,916	7,682	6,403	4,972	4,346	4,225	2,167	2,735	3,196	52,431
LC & Coorong	63,875	47,931	45,957	54,045	4,365	4,633	6,411	6,002	8,695	7,394	5,386	4,933	5,018	3,596	3,282	3,616	63,329

Store Cattle Movements by Zone & Type

From Limestone Coast Region to Other SA Regions: Direct from property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	28	191	71	167	0	0	21	95	0	60	71	71	0	0	1	78	397
SA11	16	75	7	2	1	0	0	0	0	3	0	0	0	0	0	33	37
SA12	0	1	11	2	0	0	0	0	0	0	12	0	30	65	0	0	107
SA13	60	32	667	670	0	0	0	0	0	0	0	0	420	0	0	0	420
SA14	36	6	43	36	0	0	54	1	1	0	0	1	0	0	0	0	57
SA15	22	213	1	93	0	24	96	0	112	200	3	1	22	0	0	0	458
SA16	218	103	283	76	48	0	92	236	0	0	2	9	27	131	12	21	578
SA17	62	187	277	361	73	0	86	19	26	0	1	0	42	69	40	112	468
SA18	246	748	624	947	88	156	402	672	172	248	143	24	27	56	22	100	2,110
SA20	667	1,302	2,167	1,523	303	50	306	716	316	362	80	516	194	249	92	171	3,355
SA21	942	1,175	1,006	2,746	79	134	313	405	396	640	154	515	507	259	55	123	3,580
SA22	486	890	631	1,483	74	2	156	65	34	376	300	204	10	0	2	97	1,320
SA23	6,395	2,896	4,818	7,023	82	128	332	701	673	268	829	233	114	139	52	145	3,696
SA24	1,916	980	838	1,461	147	78	180	123	159	341	298	173	510	273	132	319	2,733
SA25	2,913	2,222	2,454	1,567	0	520	170	91	115	259	275	197	624	124	15	170	2,560
SA28	143	121	91	92	0	0	1	18	0	0	0	1	0	0	0	7	27
Total	14,150	11,142	13,989	18,249	895	1,092	2,209	3,142	2,004	2,757	2,168	1,945	2,527	1,365	423	1,376	21,903
LC Only	8,879	7,533	10,026	14,047	782	475	1,808	2,756	1,599	2,101	1,570	1,480	1,472	1,002	314	971	16,331
LC & Coorong	13,355	10,616	13,487	17,729	868	1,019	2,155	3,095	1,961	2,664	2,081	1,890	2,362	1,300	397	1,292	21,084

Store Cattle Movements by Zone & Type

From Limestone Coast Region to Outside SA: Direct from property

Month	FY 2011	FY 2012	FY 2013	FY 2014
SA10	2,482	1,683	1,721	1,790
SA11	2,534	2,295	1,998	1,187
SA12	2,372	1,844	3,304	3,464
SA13	4,019	1,491	1,382	1,402
SA14	3,387	2,841	1,913	3,805
SA15	1,407	1,337	644	661
SA16	3,905	2,512	2,495	4,400
SA17	1,002	691	695	525
SA18	9,429	6,848	7,133	6,262
SA20	10,318	8,053	6,161	12,156
SA21	3,418	4,233	3,926	3,757
SA22	2,179	2,303	2,124	2,292
SA23	8,707	9,855	9,595	9,435
SA24	5,161	2,640	3,314	2,630
SA25	4,141	3,724	3,163	2,804
SA28	98	165	11	6
Total	64,559	52,515	49,579	56,576
LC Only	55,338	44,633	42,165	49,967
LC & Coorong	63,054	51,477	48,596	55,765

Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
180	97	0	261	485	378	170	361	260	109	196	88	2,585
82	106	103	1,382	401	222	324	137	86	158	96	147	3,244
274	434	205	503	1,073	100	107	349	446	344	460	90	4,385
126	49	27	180	207	14	124	143	87	84	56	209	1,306
482	66	3	167	278	648	568	340	336	122	155	201	3,366
201	111	2	137	546	754	670	47	210	98	185	8	2,969
5	240	139	1,007	506	566	768	835	175	839	108	10	5,198
59	133	0	235	178	228	64	172	5	102	3	7	1,186
96	959	253	1,871	1,251	1,710	517	1,167	763	409	106	921	10,023
576	514	1,278	1,099	1,465	1,285	377	1,923	771	685	1,056	690	11,719
0	124	116	677	607	419	71	609	987	197	101	473	4,381
12	65	200	133	287	20	233	283	784	516	189	131	2,853
146	623	1,995	3,011	1,249	618	535	699	553	3	2,986	3,034	15,452
155	56	98	588	400	867	489	301	518	504	98	133	4,207
185	110	259	371	150	187	68	515	704	612	189	473	3,823
4	0	1	1	0	3	0	0	1	8	3	2	23
2,583	3,687	4,679	11,623	9,083	8,019	5,085	7,881	6,686	4,790	5,987	6,617	76,720
2,289	3,424	4,048	10,317	8,372	7,155	4,655	6,938	5,353	3,842	5,287	5,507	67,186
2,530	3,664	4,631	11,471	8,991	7,834	4,986	7,767	6,509	4,621	5,945	6,537	75,487

Store Cattle Movements by Zone & Type

Within Limestone Coast Region: Via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	2,530	2,454	2,510	2,826	240	231	182	91	120	195	282	271	217	185	118	95	2,227
SA11	1,931	1,851	1,485	1,791	104	108	212	50	100	101	76	140	47	133	72	82	1,225
SA12	2,841	2,624	3,248	3,139	191	164	147	62	314	181	36	452	250	126	287	247	2,457
SA13	1,481	1,429	1,866	1,974	117	110	139	37	75	80	104	251	118	236	134	54	1,455
SA14	1,725	1,974	2,527	2,308	184	182	76	80	75	55	198	403	190	270	200	305	2,218
SA15	1,943	2,305	2,407	2,815	91	62	209	31	176	184	921	116	156	89	10	141	2,186
SA16	2,792	2,421	2,029	2,685	286	225	204	75	285	354	682	136	79	32	210	29	2,597
SA17	1,610	1,761	1,471	2,231	7	22	368	21	144	328	387	37	51	23	61	51	1,500
SA18	7,005	4,712	5,078	6,090	151	117	448	92	669	439	1,235	54	127	63	238	108	3,741
SA20	5,289	4,575	4,051	4,616	158	75	281	289	412	344	404	270	138	196	223	199	2,989
SA21	3,701	2,751	2,712	3,296	156	22	95	213	144	423	435	123	122	59	144	46	1,982
SA22	2,276	2,099	1,534	2,160	101	80	295	147	121	70	574	154	146	106	69	64	1,927
SA23	2,677	2,384	2,424	1,905	98	145	153	34	130	127	196	297	124	39	85	117	1,545
SA24	2,807	2,266	2,522	2,755	250	81	176	41	53	283	211	143	100	175	232	287	2,032
SA25	2,017	1,633	1,557	3,159	149	99	203	34	74	119	182	112	230	145	48	156	1,551
SA28	545	398	197	255	5	1	15	4	47	0	0	63	10	0	14	29	188
Total	43,170	37,637	37,618	44,005	2,288	1,724	3,203	1,301	2,939	3,283	5,923	3,022	2,105	1,877	2,145	2,010	31,820
LC Only	37,696	33,287	33,411	37,927	1,942	1,553	2,842	1,178	2,732	2,877	5,481	2,693	1,760	1,615	1,906	1,639	28,218
LC & Coorong	42,001	36,725	36,821	42,940	2,221	1,697	3,136	1,286	2,885	3,217	5,863	2,934	2,053	1,828	2,086	1,917	31,122

Store Cattle Movements by Zone & Type

From Limestone Coast Region to Other SA Regions: via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	346	189	176	265	0	15	46	162	10	75	58	9	15	14	6	13	423
SA11	248	293	40	194	3	6	43	24	54	15	25	19	21	15	0	0	225
SA12	184	207	250	349	36	22	109	47	0	48	32	42	92	0	0	2	430
SA13	134	150	151	425	9	25	13	18	0	0	35	23	32	10	0	7	172
SA14	132	66	115	309	11	8	64	8	21	70	34	31	92	0	18	13	370
SA15	123	250	289	308	0	1	101	80	0	27	134	1	122	7	17	0	490
SA16	97	479	208	312	27	0	59	22	97	347	173	0	18	0	36	0	779
SA17	118	312	325	317	17	7	257	7	1	153	216	9	16	0	25	0	708
SA18	460	799	1,072	1,270	9	29	247	13	711	702	117	8	24	1	11	8	1,880
SA20	465	427	232	564	0	8	58	45	158	306	113	76	44	0	0	49	857
SA21	182	618	210	417	3	4	55	36	67	234	127	31	23	6	20	9	615
SA22	236	225	449	410	8	37	79	67	222	149	116	42	31	4	43	29	827
SA23	485	651	187	466	6	10	26	32	94	114	26	22	24	3	1	5	363
SA24	407	413	384	784	4	65	132	62	86	286	48	9	32	35	15	196	970
SA25	1,010	750	537	1,139	68	46	131	60	47	20	30	54	94	37	71	76	734
SA28	322	346	334	342	32	16	27	54	44	2	70	78	72	12	35	43	485
Total	4,949	6,175	4,959	7,871	233	299	1,447	737	1,612	2,548	1,354	454	752	144	298	450	10,328
LC Only	3,277	4,594	3,795	5,783	129	199	1,198	575	1,443	2,291	1,190	306	559	74	178	221	8,362
LC & Coorong	4,513	5,748	4,571	7,334	200	269	1,387	677	1,557	2,491	1,288	386	680	124	260	372	9,693

Store Cattle Movements by Zone & Type

From Limestone Coast Region to Outside SA: via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014
SA10	2,959	2,700	1,942	1,394
SA11	1,596	1,564	1,020	970
SA12	2,449	2,216	1,495	1,534
SA13	2,529	1,319	1,402	898
SA14	1,598	1,714	1,498	836
SA15	6,685	3,095	1,278	857
SA16	2,302	2,702	1,654	1,611
SA17	1,460	1,553	1,173	844
SA18	5,149	6,124	4,400	4,428
SA20	4,159	4,371	3,471	2,445
SA21	2,270	2,727	2,200	1,561
SA22	2,434	2,138	1,652	1,216
SA23	2,049	2,341	1,778	1,054
SA24	1,788	2,849	2,084	1,442
SA25	1,260	1,375	1,127	1,731
SA28	141	176	74	89
Total	40,828	38,964	28,248	22,910
LC Only	37,547	34,789	25,063	19,732
LC & Coorong	40,244	38,142	27,675	22,378

Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
42	79	256	268	304	352	337	306	305	294	211	137	2,891
39	96	79	156	139	82	179	166	174	147	61	52	1,370
67	125	136	87	208	216	141	414	337	172	142	94	2,139
90	85	93	74	143	170	330	270	144	378	39	27	1,843
101	185	114	46	78	192	370	369	61	119	84	111	1,830
55	54	254	121	255	304	595	375	117	59	49	64	2,302
144	12	117	92	297	596	491	157	72	45	64	10	2,097
14	59	514	128	274	341	402	108	28	47	48	26	1,989
61	75	583	241	1,546	787	885	127	140	33	119	138	4,735
83	45	372	409	428	1,217	442	354	168	147	395	85	4,145
32	45	107	263	116	392	353	260	244	27	112	60	2,011
71	46	222	101	222	102	265	209	154	67	38	69	1,566
45	42	238	257	203	274	133	225	130	81	127	91	1,846
91	23	344	217	76	359	147	245	105	77	53	123	1,860
213	73	327	97	18	49	381	226	127	108	44	159	1,822
0	2	5	0	5	0	2	11	66	0	5	30	126
1,148	1,046	3,761	2,557	4,312	5,433	5,453	3,822	2,372	1,801	1,591	1,276	34,572
870	940	3,179	2,234	4,187	5,043	4,876	3,349	2,037	1,632	1,465	991	30,803
1,107	1,032	3,656	2,506	4,292	5,360	5,381	3,742	2,288	1,774	1,572	1,212	33,923

Store Cattle Movements by Zone & Type

Store Movements Exiting Limestone Coast: All Channels

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	5,815	4,763	3,910	3,616	222	191	323	786	799	865	636	747	580	417	414	316	6,296
SA11	4,394	4,227	3,065	2,353	125	208	225	1,562	594	322	528	322	281	320	157	232	4,876
SA12	5,005	4,268	5,060	5,349	377	581	450	637	1,281	364	292	805	905	581	602	186	7,061
SA13	6,742	2,992	3,602	3,395	225	159	133	272	350	184	489	436	683	472	95	243	3,741
SA14	5,153	4,627	3,569	4,986	594	259	235	222	378	910	972	741	489	241	257	325	5,623
SA15	8,237	4,895	2,212	1,919	256	190	453	338	913	1,285	1,402	424	471	164	251	72	6,219
SA16	6,522	5,796	4,640	6,399	224	252	407	1,357	900	1,509	1,434	1,001	292	1,015	220	41	8,652
SA17	2,642	2,743	2,470	2,047	163	199	857	389	479	722	683	289	91	218	116	145	4,351
SA18	15,284	14,519	13,229	12,907	254	1,219	1,485	2,797	3,680	3,447	1,662	1,326	954	499	258	1,167	18,748
SA20	15,609	14,153	12,031	16,688	962	617	2,014	2,269	2,367	3,170	1,012	2,869	1,177	1,081	1,543	995	20,076
SA21	6,812	8,753	7,342	8,481	114	307	591	1,381	1,186	1,685	705	1,415	1,761	489	288	665	10,587
SA22	5,335	5,556	4,856	5,401	165	150	657	366	765	647	914	738	979	587	272	326	6,566
SA23	17,636	15,743	16,378	17,978	279	803	2,591	4,001	2,219	1,274	1,523	1,179	821	226	3,166	3,275	21,357
SA24	9,272	6,882	6,620	6,317	397	222	754	990	721	1,853	982	728	1,165	889	298	771	9,770
SA25	9,324	8,071	7,281	7,241	466	749	887	619	330	515	754	992	1,549	881	319	878	8,939
SA28	704	808	510	529	36	18	34	73	49	5	72	90	139	20	43	82	661
Total	124,486	108,796	96,775	105,606	4,859	6,124	12,096	18,059	17,011	18,757	14,060	14,102	12,337	8,100	8,299	9,719	143,523
LC Only	105,040	91,550	81,049	89,530	4,070	5,038	10,233	15,882	15,601	16,590	12,290	12,073	9,421	6,550	7,243	7,690	122,682
LC & Coorong	121,166	105,984	94,329	103,206	4,705	5,985	11,829	17,749	16,802	18,349	13,737	13,786	11,839	7,820	8,175	9,413	140,186

Store Cattle Movements by Zone & Type

Store Movements Exiting Limestone Coast Properties - Percentage Direct off Paddock

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	46%	48%	48%	49%	59%	35%	34%	61%	67%	49%	36%	56%	42%	48%	55%	61%	51%
SA11	50%	52%	56%	54%	61%	52%	32%	86%	69%	74%	63%	39%	27%	41%	61%	58%	62%
SA12	45%	47%	53%	51%	58%	62%	55%	79%	78%	33%	47%	37%	62%	69%	60%	34%	60%
SA13	56%	45%	50%	47%	57%	38%	24%	60%	57%	16%	37%	23%	66%	13%	27%	78%	42%
SA14	54%	47%	47%	63%	64%	19%	26%	61%	63%	75%	54%	48%	51%	26%	46%	42%	51%
SA15	27%	31%	40%	36%	65%	55%	54%	64%	64%	70%	37%	41%	50%	47%	73%	28%	53%
SA16	53%	49%	58%	59%	62%	60%	38%	89%	68%	32%	39%	78%	88%	93%	64%	48%	64%
SA17	45%	36%	38%	34%	78%	78%	8%	76%	41%	23%	7%	70%	51%	88%	53%	76%	42%
SA18	57%	49%	53%	51%	68%	87%	48%	89%	57%	57%	28%	90%	80%	91%	60%	82%	64%
SA20	68%	61%	65%	74%	80%	87%	75%	81%	69%	64%	72%	83%	83%	75%	75%	83%	76%
SA21	62%	64%	66%	71%	65%	89%	91%	80%	82%	71%	32%	76%	81%	88%	51%	86%	76%
SA22	53%	57%	54%	62%	90%	65%	60%	53%	56%	85%	60%	62%	83%	76%	64%	88%	72%
SA23	83%	78%	82%	86%	76%	88%	89%	94%	88%	72%	83%	76%	73%	74%	94%	95%	87%
SA24	74%	60%	58%	62%	64%	60%	43%	72%	77%	58%	77%	70%	84%	81%	60%	45%	67%
SA25	80%	79%	81%	72%	49%	93%	49%	86%	87%	84%	43%	72%	82%	88%	80%	71%	78%
SA28	32%	51%	25%	44%	61%	49%	4%	26%	6%	96%	8%	1%	1%	91%	5%	8%	27%
Total	62%	58%	61%	64%	68%	76%	61%	82%	69%	62%	50%	67%	73%	72%	71%	76%	68%
LC Only	59%	55%	59%	62%	70%	70%	61%	82%	68%	61%	49%	67%	72%	68%	70%	77%	67%
LC & Coorong	62%	58%	61%	64%	69%	76%	62%	82%	69%	62%	50%	67%	73%	72%	71%	77%	68%

Store Cattle Movements by Zone & Type

Into Limestone Coast Region from Other SA Regions: Direct from property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	771	109	646	847	4	0	0	6	1	35	5	0	3	11	0	143	208
SA11	274	202	309	208	12	0	0	47	90	0	28	11	3	61	2	6	260
SA12	601	414	120	643	13	5	12	24	38	39	20	3	25	8	43	2	232
SA13	734	683	321	943	117	33	50	201	87	10	44	75	16	137	73	182	1,025
SA14	623	205	601	915	38	7	0	79	56	51	40	71	63	8	0	10	423
SA15	570	558	219	309	68	16	7	15	5	405	10	29	11	14	11	48	639
SA16	937	664	508	1,181	0	96	44	0	0	20	0	83	1	19	24	126	413
SA17	608	442	1,630	528	130	297	55	9	27	5	44	182	19	2	1	27	798
SA18	3,070	515	2,074	2,298	193	124	0	431	179	184	60	120	91	0	5	75	1,462
SA20	1,338	567	902	648	3	0	153	6	61	19	10	21	137	104	351	60	925
SA21	2,413	498	1,094	1,502	0	118	4	146	119	877	1	1	44	52	198	98	1,658
SA22	1,004	397	989	312	155	20	24	15	0	98	112	30	82	1	0	84	621
SA23	731	624	928	965	10	16	23	139	64	10	81	74	11	0	1	0	429
SA24	2,866	3,099	3,171	2,385	49	139	72	150	289	113	14	427	205	439	0	218	2,115
SA25	9,410	6,398	7,433	4,749	265	204	219	913	168	242	258	247	254	2	8	27	2,807
SA28	38	90	186	214	1	0	32	2	19	18	116	344	31	9	24	5	601
Total	25,988	15,465	21,131	18,647	1,058	1,075	695	2,183	1,203	2,126	843	1,718	996	867	741	1,111	14,616
LC Only	14,222	7,064	11,356	11,841	764	761	400	1,127	817	1,566	449	883	586	603	655	934	9,547
LC & Coorong	24,366	14,098	19,560	17,504	1,018	1,026	632	2,051	1,116	2,064	723	1,347	905	778	722	1,063	13,445

Store Cattle Movements by Zone & Type

Into Limestone Coast Region from Outside SA: Direct from property

Month	FY 2011	FY 2012	FY 2013	FY 2014
SA10	476	341	416	882
SA11	2,176	849	358	1,714
SA12	954	1,598	1,458	2,062
SA13	9,658	8,806	10,834	11,136
SA14	2,642	464	371	482
SA15	1,460	1,371	368	595
SA16	937	734	1,158	1,460
SA17	548	126	170	351
SA18	13,161	3,039	6,591	5,950
SA20	5,703	3,712	3,311	3,528
SA21	2,571	1,148	412	1,000
SA22	976	49	763	204
SA23	3,233	693	1,501	1,433
SA24	6,748	3,331	4,060	4,059
SA25	7,226	5,520	8,786	14,665
SA28	453	84	1	70
Total	58,922	31,865	40,558	49,591
LC Only	46,409	24,037	29,232	32,169
LC & Coorong	56,502	30,558	38,811	47,130

Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
206	39	0	2	40	0	0	27	9	2	5	0	330
429	256	17	150	2	124	127	92	23	114	265	251	1,850
181	29	124	179	66	157	55	129	62	155	71	260	1,468
1,576	446	414	1,172	1,220	1,565	1,513	856	1,407	1,847	1,405	1,202	14,623
30	597	39	10	28	248	226	96	385	19	203	314	2,195
1,832	0	0	120	0	71	179	60	101	83	74	155	2,675
216	169	101	2	214	32	0	404	7	88	197	102	1,532
88	3	0	0	0	25	2	200	171	17	29	0	535
480	122	934	12	579	697	244	522	54	176	553	1,261	5,634
29	452	131	0	323	1,049	107	372	476	424	265	244	3,872
402	0	2	77	1	44	0	20	28	1	111	66	752
1	2	9	17	0	0	39	4	7	4	93	1	177
401	43	183	168	50	1,001	0	134	34	128	2	63	2,207
322	139	599	394	114	74	15	6	20	74	232	12	2,001
1,228	1,659	1,864	1,481	3,183	2,946	1,117	1,012	1,402	2,107	1,606	1,911	21,516
0	0	1	0	0	0	0	3	0	0	0	0	4
7,421	3,956	4,418	3,784	5,820	8,033	3,624	3,937	4,186	5,239	5,111	5,842	61,371
5,852	2,215	2,200	2,043	2,567	4,891	2,499	2,894	2,761	3,073	3,348	3,898	38,241
7,223	3,744	4,096	3,544	5,441	7,688	3,496	3,820	4,025	4,988	4,887	5,625	58,575

Store Cattle Movements by Zone & Type

Into Limestone Coast from Outside the Limestone Coast: via Saleyard (net of internal transfers via saleyard)

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	1,324	1,036	877	1,330	51	148	30	3	1	0	48	0	10	46	174	116	627
SA11	1,339	961	1,084	2,193	36	29	15	53	12	11	37	35	563	889	332	58	2,070
SA12	2,243	2,400	1,138	3,176	97	117	131	315	136	160	80	110	84	38	37	119	1,424
SA13	3,433	2,315	2,804	3,393	200	29	365	284	86	136	394	561	218	97	129	580	3,079
SA14	1,868	1,408	2,286	5,223	47	6	163	173	89	170	162	217	34	92	280	235	1,668
SA15	3,528	2,903	2,463	2,505	48	103	69	237	344	227	757	118	141	119	733	81	2,977
SA16	2,453	1,355	1,976	2,056	38	137	48	44	351	139	564	148	47	207	308	466	2,497
SA17	1,019	676	860	935	115	22	37	10	0	33	212	81	27	25	60	33	655
SA18	5,288	2,006	3,717	3,512	262	156	301	182	100	167	157	98	80	302	330	136	2,271
SA20	1,932	1,094	1,041	3,744	23	333	126	25	142	105	313	95	400	133	692	652	3,039
SA21	1,325	494	557	1,461	54	0	0	38	0	11	0	247	183	22	425	14	994
SA22	636	693	1,150	1,034	69	54	121	28	51	19	140	103	102	55	22	-1	763
SA23	1,810	1,338	2,007	586	56	12	6	48	0	8	104	41	36	2	49	0	362
SA24	4,758	1,597	1,747	2,066	162	307	67	115	346	87	176	99	61	82	48	87	1,637
SA25	12,988	15,540	17,668	23,725	3,166	4,282	2,696	1,709	1,926	527	2,531	5,360	3,823	2,536	4,904	5,847	39,307
SA28	447	180	306	183	6	0	11	34	28	54	22	44	51	37	47	32	366
Total	46,391	35,996	41,681	57,122	4,430	5,735	4,186	3,298	3,612	1,854	5,697	7,357	5,860	4,682	8,570	8,455	63,736
LC Only	29,746	19,081	22,317	31,610	1,147	1,284	1,442	1,475	1,469	1,221	3,033	1,827	1,898	2,058	3,471	2,525	22,851
LC & Coorong	43,700	33,813	39,134	53,929	4,039	5,196	3,862	3,058	3,309	1,737	5,363	6,702	5,380	4,353	7,974	7,757	58,731

Store Cattle Movements by Zone & Type

Into Limestone Coast from outside region: All Channels

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	2,571	1,486	1,939	3,059	261	187	30	11	42	35	53	27	22	59	179	259	1,165
SA11	3,789	2,012	1,751	4,115	477	285	32	250	104	135	192	138	589	1,064	599	315	4,180
SA12	3,798	4,412	2,716	5,881	291	151	267	518	240	356	155	242	171	201	151	381	3,124
SA13	13,825	11,804	13,959	15,472	1,893	508	829	1,657	1,393	1,711	1,951	1,492	1,641	2,081	1,607	1,964	18,727
SA14	5,133	2,077	3,258	6,620	115	610	202	262	173	469	428	384	482	119	483	559	4,286
SA15	5,558	4,832	3,050	3,409	1,948	119	76	372	349	703	946	207	253	216	818	284	6,291
SA16	4,327	2,753	3,642	4,697	254	402	193	46	565	191	564	635	55	314	529	694	4,442
SA17	2,175	1,244	2,660	1,814	333	322	92	19	27	63	258	463	217	44	90	60	1,988
SA18	21,519	5,560	12,382	11,760	935	402	1,235	625	858	1,048	461	740	225	478	888	1,472	9,367
SA20	8,973	5,373	5,254	7,920	55	785	410	31	526	1,173	430	488	1,013	661	1,308	956	7,836
SA21	6,309	2,140	2,063	3,963	456	118	6	261	120	932	1	268	255	75	734	178	3,404
SA22	2,616	1,139	2,902	1,550	225	76	154	60	51	117	291	137	191	60	115	84	1,561
SA23	5,774	2,655	4,436	2,984	467	71	212	355	114	1,019	185	249	81	130	52	63	2,998
SA24	14,372	8,027	8,978	8,510	533	585	738	659	749	274	205	532	286	595	280	317	5,753
SA25	29,624	27,458	33,887	43,139	4,659	6,145	4,779	4,103	5,277	3,715	3,906	6,619	5,479	4,645	6,518	7,785	63,630
SA28	938	354	493	467	7	0	44	36	47	72	138	391	82	46	71	37	971
Total	131,301	83,326	103,370	125,360	12,909	10,766	9,299	9,265	10,635	12,013	10,164	13,012	11,042	10,788	14,422	15,408	139,723
LC Only	90,377	50,182	62,905	75,620	7,763	4,260	4,042	4,646	4,854	7,679	5,982	5,604	5,245	5,734	7,475	7,356	70,639
LC & Coorong	124,567	78,468	97,506	118,563	12,280	9,966	8,590	8,653	9,866	11,489	9,581	11,869	10,310	10,119	13,583	14,445	130,751

Store Cattle Movements by Zone & Type

Net Stock Movements: Slaughter and Store for Limestone Coast

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	-21,506	-20,974	-18,736	-18,944	-569	-582	-1,637	-4,530	-3,863	-3,758	-3,102	-2,652	-1,684	-1,029	-937	-548	-24,891
SA11	-11,551	-11,197	-10,565	-10,720	-461	-593	-1,692	-3,241	-2,879	-1,750	-1,594	-1,360	-856	352	-77	-457	-14,608
SA12	-20,066	-16,080	-21,131	-19,144	-816	-2,047	-3,468	-2,789	-3,232	-1,320	-1,895	-2,293	-2,217	-1,514	-1,548	-604	-23,743
SA13	-946	-136	-3,341	1,507	1,285	-326	-164	-343	-741	419	198	-618	-1,109	966	823	576	966
SA14	-8,613	-10,591	-8,588	-8,454	-981	-219	-1,238	-1,420	-1,741	-1,652	-2,164	-1,637	-681	-803	-94	-346	-12,976
SA15	-19,398	-17,888	-18,116	-16,628	820	-951	-1,825	-2,773	-3,648	-2,642	-3,452	-1,679	-1,118	-566	-48	-143	-18,025
SA16	-13,940	-12,984	-11,469	-13,014	-516	-763	-1,352	-3,272	-3,280	-3,146	-2,000	-1,445	-689	-1,180	-39	446	-17,236
SA17	-7,133	-7,549	-5,479	-6,927	-4	-179	-1,728	-1,274	-1,501	-1,469	-1,028	-94	-181	-422	-308	-335	-8,523
SA18	-13,923	-25,356	-17,074	-18,977	274	-1,772	-2,589	-5,655	-5,131	-4,049	-2,618	-1,550	-1,873	-610	47	-274	-25,800
SA20	-25,569	-27,010	-24,493	-25,535	-1,707	-373	-3,011	-5,644	-5,479	-5,637	-2,675	-3,149	-1,082	-680	-566	-478	-30,481
SA21	-12,723	-16,703	-16,717	-15,943	-286	-560	-2,232	-3,996	-3,283	-1,934	-1,720	-1,791	-2,073	-766	-202	-950	-19,793
SA22	-14,226	-13,322	-11,351	-14,805	-535	-466	-2,523	-2,234	-1,545	-1,243	-1,445	-1,570	-1,614	-1,264	-674	-880	-15,993
SA23	-26,123	-26,756	-30,484	-38,492	-576	-1,721	-5,259	-7,901	-5,333	-3,708	-5,676	-1,539	-1,651	-533	-3,522	-3,824	-41,243
SA24	-8,962	-13,026	-15,375	-14,699	-1,298	-701	-2,428	-2,644	-1,765	-3,304	-2,346	-1,855	-1,971	-1,370	-756	-1,369	-21,807
SA25	-30,301	-33,109	-32,913	-29,796	-2,497	941	-4,436	-3,512	-2,490	-1,915	-4,465	-2,413	-2,963	-3,905	-1,438	-1,167	-30,260
SA28	-962	-1,586	-1,154	-1,871	-232	-70	-66	-272	-143	31	-44	110	-277	-176	-240	-499	-1,878
Total	-235,942	-254,267	-246,986	-252,442	-8,099	-10,382	-35,648	-51,500	-46,054	-37,077	-36,026	-25,535	-22,039	-13,500	-9,579	-10,852	-306,291
LC Only	-192,620	-204,134	-195,662	-202,948	-4,503	-10,473	-28,467	-44,065	-40,809	-32,339	-28,961	-21,517	-16,929	-8,389	-6,930	-7,636	-251,020
LC & Coorong	-230,124	-246,896	-239,529	-244,913	-7,398	-10,303	-34,645	-50,403	-45,335	-36,268	-35,052	-25,001	-21,125	-12,670	-9,092	-10,083	-297,376

Store Cattle Movements by Zone & Type

Net Store Movements: Store Only for Limestone Coast

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	-3,244	-3,277	-1,971	-557	39	-4	-293	-775	-757	-830	-583	-720	-558	-358	-235	-57	-5,131
SA11	-605	-2,215	-1,314	1,762	352	77	-193	-1,312	-490	-187	-336	-184	308	744	442	83	-696
SA12	-1,207	144	-2,344	532	-86	-430	-183	-119	-1,041	-8	-137	-563	-734	-380	-451	195	-3,937
SA13	7,083	8,812	10,357	12,077	1,668	349	696	1,385	1,043	1,527	1,462	1,056	958	1,609	1,512	1,721	14,986
SA14	-20	-2,550	-311	1,634	-479	351	-33	40	-205	-441	-544	-357	-7	-122	226	234	-1,337
SA15	-2,679	-63	838	1,490	1,692	-71	-377	34	-564	-582	-456	-217	-218	52	567	212	72
SA16	-2,195	-3,043	-998	-1,702	30	150	-214	-1,311	-335	-1,318	-870	-366	-237	-701	309	653	-4,210
SA17	-467	-1,499	190	-233	170	123	-765	-370	-452	-659	-425	174	126	-174	-26	-85	-2,363
SA18	6,235	-8,959	-847	-1,147	681	-817	-250	-2,172	-2,822	-2,399	-1,201	-586	-729	-21	630	305	-9,381
SA20	-6,636	-8,780	-6,777	-8,768	-907	168	-1,604	-2,238	-1,841	-1,997	-582	-2,381	-164	-420	-235	-39	-12,240
SA21	-503	-6,613	-5,279	-4,518	342	-189	-585	-1,120	-1,066	-753	-704	-1,147	-1,506	-414	446	-487	-7,183
SA22	-2,719	-4,417	-1,954	-3,851	60	-74	-503	-306	-714	-530	-623	-601	-788	-527	-157	-242	-5,005
SA23	-11,862	-13,088	-11,942	-14,994	188	-732	-2,379	-3,646	-2,105	-255	-1,338	-930	-740	-96	-3,114	-3,212	-18,359
SA24	5,100	1,145	2,358	2,193	136	363	-16	-331	28	-1,579	-777	-196	-879	-294	-18	-454	-4,017
SA25	20,300	19,387	26,606	35,898	4,193	5,396	3,892	3,484	4,947	3,200	3,152	5,627	3,930	3,764	6,199	6,907	54,691
SA28	234	-454	-17	-62	-29	-18	10	-37	-2	67	66	301	-57	26	28	-45	310
Total	6,815	-25,470	6,595	19,754	8,050	4,642	-2,797	-8,794	-6,376	-6,744	-3,896	-1,090	-1,295	2,688	6,123	5,689	-3,800
LC Only	-14,663	-41,368	-18,144	-13,910	3,693	-778	-6,192	-11,236	-10,747	-8,911	-6,309	-6,469	-4,177	-816	232	-334	-52,044
LC & Coorong	3,401	-27,515	3,177	15,356	7,575	3,981	-3,239	-9,095	-6,936	-6,860	-4,156	-1,917	-1,529	2,300	5,408	5,032	-9,435

Slaughter Sheep & Lamb Movements by Zone & Type

Zone to Processor Movements: Direct from Property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	128,712	153,254	159,485	152,250	4,662	4,023	1,577	12,270	20,105	31,682	13,726	10,172	22,254	17,448	9,222	6,737	153,878
SA11	27,360	31,715	50,676	38,997	1,894	1,462	938	2,706	6,801	2,949	6,628	2,275	4,489	3,025	2,773	2,723	38,663
SA12	10,286	12,295	16,940	12,526	322	231	258	2,552	1,275	568	685	953	1,257	3,212	1,187	713	13,213
SA13	10,018	16,965	17,311	6,314	0	1	22	642	280	317	657	335	0	1,430	0	205	3,889
SA14	20,310	29,650	32,308	34,509	912	71	13	1,393	8,179	4,807	6,877	2,285	4,546	2,805	3,219	2,522	37,629
SA15	54,224	79,983	90,165	87,521	3,061	2,741	1,342	3,994	23,784	16,598	6,048	5,891	7,326	7,243	6,493	4,274	88,795
SA16	74,017	72,520	91,526	99,095	4,444	5,296	2,383	10,670	20,665	8,712	6,904	8,012	7,300	5,207	5,292	3,972	88,857
SA17	124,082	156,858	156,835	188,309	5,815	4,187	13,676	42,516	19,415	8,180	14,636	8,947	7,996	9,153	8,141	5,042	147,704
SA18	134,990	156,420	214,847	219,904	6,923	8,297	12,156	45,389	29,355	12,519	14,551	11,539	11,828	7,129	6,795	5,821	172,302
SA20	114,070	143,542	168,926	205,669	6,859	10,711	20,262	37,351	35,367	27,837	24,566	16,079	11,142	10,026	6,928	4,678	211,806
SA21	45,137	113,916	77,393	66,994	1,982	2,742	14,141	25,838	13,445	6,204	4,895	3,362	4,606	869	1,503	2,204	81,791
SA22	69,152	82,046	127,172	115,882	5,026	7,449	14,107	21,297	5,018	3,648	11,517	7,533	10,638	6,267	3,322	1,513	97,335
SA23	70,495	130,884	177,007	132,399	4,763	15,327	35,612	29,887	8,030	3,803	9,816	4,000	5,571	5,438	3,239	2,327	127,813
SA24	93,300	139,691	144,724	150,646	6,755	12,975	33,847	33,798	5,981	3,172	10,566	11,295	9,643	5,254	10,131	8,075	151,492
SA25	81,578	94,908	123,379	114,918	4,439	9,906	25,594	21,307	2,544	3,554	6,552	10,596	9,517	9,209	10,389	6,593	120,200
SA28	42,268	57,383	62,752	75,221	5,565	9,322	23,479	6,319	3,364	2,996	4,421	5,534	4,642	6,376	6,422	4,353	82,793
Total	1,099,999	1,472,030	1,711,446	1,701,154	63,422	94,741	199,407	297,929	203,608	137,546	143,045	108,808	122,755	100,091	85,056	61,752	1,618,160
LC Only	903,029	1,194,125	1,400,204	1,391,873	48,520	65,506	122,971	240,631	189,663	127,049	123,587	85,042	101,300	80,629	61,854	45,477	1,292,229
LC & Coorong	1,041,011	1,391,294	1,622,456	1,602,455	57,397	84,061	172,216	284,377	199,627	134,258	136,947	101,266	116,327	93,189	77,075	56,167	1,512,907

Slaughter Sheep & Lamb Movements by Zone & Type

Zone to Processor Movements: via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	33,466	21,925	21,980	27,977	520	691	795	2,562	5,850	5,393	3,444	2,075	1,733	1,089	1,416	1,034	26,602
SA11	28,208	15,762	15,193	17,654	788	51	399	1,903	3,729	1,734	1,100	674	749	551	817	301	12,796
SA12	27,650	21,811	20,750	25,910	854	177	619	5,428	4,877	3,256	4,398	3,095	1,557	699	1,096	641	26,697
SA13	12,069	9,971	6,680	9,808	429	155	49	2,955	5,338	889	1,048	997	558	124	785	247	13,574
SA14	31,808	12,368	13,333	16,308	551	125	144	1,095	2,589	2,569	1,269	605	544	689	370	808	11,358
SA15	42,021	23,719	26,257	28,367	734	167	606	3,840	9,050	4,517	1,610	2,058	1,316	346	979	880	26,103
SA16	21,434	15,969	19,826	18,249	700	388	1,266	3,947	2,782	2,667	1,225	745	1,034	507	669	649	16,579
SA17	64,372	67,215	63,843	59,826	3,124	1,735	6,487	11,921	11,843	4,606	2,988	2,559	2,260	2,343	1,888	2,032	53,786
SA18	55,528	51,675	59,783	51,295	1,571	1,888	7,040	8,709	5,919	2,781	2,547	2,701	1,686	1,574	2,372	1,589	40,377
SA20	45,586	30,379	28,068	28,834	716	279	2,568	2,871	3,530	2,821	3,922	2,034	3,126	1,137	780	1,278	25,062
SA21	26,697	20,726	16,816	20,699	718	556	2,259	3,614	2,118	1,235	1,394	1,735	548	532	762	1,010	16,481
SA22	49,798	30,390	36,337	33,616	814	674	6,177	3,516	3,004	257	2,292	2,494	954	1,738	972	1,292	24,184
SA23	50,045	32,126	28,669	35,380	3,194	3,597	4,101	6,347	2,297	1,314	1,398	2,178	2,460	1,823	1,506	1,431	31,646
SA24	40,416	34,734	28,338	29,213	2,825	1,125	3,661	5,053	2,884	729	941	1,908	2,344	1,469	1,538	1,695	26,172
SA25	27,937	20,928	23,148	17,146	1,583	1,113	2,910	1,216	942	459	676	1,134	589	1,089	837	1,517	14,065
SA28	31,036	24,460	29,389	28,100	2,574	3,534	6,239	2,076	1,243	198	648	517	1,271	1,224	2,203	1,190	22,917
Total	588,071	434,158	438,410	448,382	21,695	16,255	45,320	67,053	67,995	35,425	30,900	27,509	22,729	16,934	18,990	17,594	388,399
LC Only	492,700	359,646	361,785	376,562	15,347	10,330	32,979	59,123	63,338	33,849	28,487	24,038	19,091	13,416	14,690	13,486	328,173
LC & Coorong	553,600	406,575	407,996	419,466	19,017	13,212	39,529	64,382	66,398	35,085	30,152	26,629	21,251	15,599	16,921	16,195	364,369

Slaughter Sheep & Lamb Movements by Zone & Type

Zone to Processor Movements: All Channels

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	162,178	175,179	181,465	180,227	5,182	4,714	2,372	14,832	25,955	37,075	17,170	12,247	23,987	18,537	10,638	7,771	180,480
SA11	55,568	47,477	65,869	56,651	2,682	1,513	1,337	4,609	10,530	4,683	7,728	2,949	5,238	3,576	3,590	3,024	51,459
SA12	37,936	34,106	37,690	38,436	1,176	408	877	7,980	6,152	3,824	5,083	4,048	2,814	3,911	2,283	1,354	39,910
SA13	22,087	26,936	23,991	16,122	429	156	71	3,597	5,618	1,206	1,705	1,332	558	1,554	785	452	17,463
SA14	52,118	42,018	45,641	50,817	1,463	196	157	2,488	10,768	7,376	8,146	2,890	5,090	3,494	3,589	3,330	48,987
SA15	96,245	103,702	116,422	115,888	3,795	2,908	1,948	7,834	32,834	21,115	7,658	7,949	8,642	7,589	7,472	5,154	114,898
SA16	95,451	88,489	111,352	117,344	5,144	5,684	3,649	14,617	23,447	11,379	8,129	8,757	8,334	5,714	5,961	4,621	105,436
SA17	188,454	224,073	220,678	248,135	8,939	5,922	20,163	54,437	31,258	12,786	17,624	11,506	10,256	11,496	10,029	7,074	201,490
SA18	190,518	208,095	274,630	271,199	8,494	10,185	19,196	54,098	35,274	15,300	17,098	14,240	13,514	8,703	9,167	7,410	212,679
SA20	159,656	173,921	196,994	234,503	7,575	10,990	22,830	40,222	38,897	30,658	28,488	18,113	14,268	11,163	7,708	5,956	236,868
SA21	71,834	134,642	94,209	87,693	2,700	3,298	16,400	29,452	15,563	7,439	6,289	5,097	5,154	1,401	2,265	3,214	98,272
SA22	118,950	112,436	163,509	149,498	5,840	8,123	20,284	24,813	8,022	3,905	13,809	10,027	11,592	8,005	4,294	2,805	121,519
SA23	120,540	163,010	205,676	167,779	7,957	18,924	39,713	36,234	10,327	5,117	11,214	6,178	8,031	7,261	4,745	3,758	159,459
SA24	133,716	174,425	173,062	179,859	9,580	14,100	37,508	38,851	8,865	3,901	11,507	13,203	11,987	6,723	11,669	9,770	177,664
SA25	109,515	115,836	146,527	132,064	6,022	11,019	28,504	22,523	3,486	4,013	7,228	11,730	10,106	10,298	11,226	8,110	134,265
SA28	73,304	81,843	92,141	103,321	8,139	12,856	29,718	8,395	4,607	3,194	5,069	6,051	5,913	7,600	8,625	5,543	105,710
Total	1,688,070	1,906,188	2,149,856	2,149,536	85,117	110,996	244,727	364,982	271,603	172,971	173,945	136,317	145,484	117,025	104,046	79,346	2,006,559
LC Only	1,395,729	1,553,772	1,761,989	1,768,435	63,867	75,836	155,950	299,754	253,001	160,898	152,074	109,080	120,391	94,045	76,545	58,963	1,620,402
LC & Coorong	1,594,610	1,797,869	2,030,451	2,021,921	76,414	97,273	211,745	348,759	266,025	169,344	167,099	127,895	137,578	108,788	93,995	72,362	1,877,277

Slaughter Sheep & Lamb Movements by Zone & Type

Zone to Processor: Percentage Direct off Paddock

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	79%	87%	88%	84%	90%	85%	66%	83%	77%	85%	80%	83%	93%	94%	87%	87%	85%
SA11	49%	67%	77%	69%	71%	97%	70%	59%	65%	63%	86%	77%	86%	85%	77%	90%	75%
SA12	27%	36%	45%	33%	27%	57%	29%	32%	21%	15%	13%	24%	45%	82%	52%	53%	33%
SA13	45%	63%	72%	39%	0%	1%	31%	18%	5%	26%	39%	25%	0%	92%	0%	45%	22%
SA14	39%	71%	71%	68%	62%	36%	8%	56%	76%	65%	84%	79%	89%	80%	90%	76%	77%
SA15	56%	77%	77%	76%	81%	94%	69%	51%	72%	79%	79%	74%	85%	95%	87%	83%	77%
SA16	78%	82%	82%	84%	86%	93%	65%	73%	88%	77%	85%	91%	88%	91%	89%	86%	84%
SA17	66%	70%	71%	76%	65%	71%	68%	78%	62%	64%	83%	78%	78%	80%	81%	71%	73%
SA18	71%	75%	78%	81%	82%	81%	63%	84%	83%	82%	85%	81%	88%	82%	74%	79%	81%
SA20	71%	83%	86%	88%	91%	97%	89%	93%	91%	91%	86%	89%	78%	90%	90%	79%	89%
SA21	63%	85%	82%	76%	73%	83%	86%	88%	86%	83%	78%	66%	89%	62%	66%	69%	83%
SA22	58%	73%	78%	78%	86%	92%	70%	86%	63%	93%	83%	75%	92%	78%	77%	54%	80%
SA23	58%	80%	86%	79%	60%	81%	90%	82%	78%	74%	88%	65%	69%	75%	68%	62%	80%
SA24	70%	80%	84%	84%	71%	92%	90%	87%	67%	81%	92%	86%	80%	78%	87%	83%	85%
SA25	74%	82%	84%	87%	74%	90%	90%	95%	73%	89%	91%	90%	94%	89%	93%	81%	90%
SA28	58%	70%	68%	73%	68%	73%	79%	75%	73%	94%	87%	91%	79%	84%	74%	79%	78%
Total	65%	77%	80%	79%	75%	85%	81%	82%	75%	80%	82%	80%	84%	86%	82%	78%	81%
LC Only	65%	77%	79%	79%	76%	86%	79%	80%	75%	79%	81%	78%	84%	86%	81%	77%	80%
LC & Coorong	65%	77%	80%	79%	75%	86%	81%	82%	75%	79%	82%	79%	85%	86%	82%	78%	81%

Store Sheep & Lamb Movements by Zone & Type

Within Limestone Coast Region: Direct from Property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	949	803	219	5,619	136	86	0	368	3	3,152	75	214	88	1,032	161	5	5,320
SA11	386	205	299	960	32	0	0	0	0	7	80	0	57	306	0	10	492
SA12	326	3,058	109	2,220	35	0	45	54	49	144	0	0	100	0	635	471	1,533
SA13	270	215	36	7	0	0	84	122	0	122	211	0	0	0	0	0	539
SA14	37	15	13	164	0	0	0	0	614	771	191	0	300	0	499	5	2,380
SA15	75	718	593	1,384	0	88	0	39	15	186	3	703	266	549	74	0	1,923
SA16	1,658	275	1,499	1,657	2,378	0	20	853	722	6	0	192	170	40	0	0	4,381
SA17	1,400	3,290	2,798	6,967	0	255	1,021	2,489	1,984	583	325	445	2,194	357	78	712	10,443
SA18	7,944	16,249	12,333	21,652	321	1,955	7,228	2,562	2,729	6,946	573	110	430	321	159	0	23,334
SA20	3,410	4,134	3,170	13,156	639	15	2,412	4,327	4,449	1,500	525	15	3,710	444	791	95	18,922
SA21	3,397	6,099	5,153	10,555	211	0	7,013	3,463	3,633	1,153	130	0	432	470	283	235	17,023
SA22	3,461	4,029	5,116	3,604	0	897	1,037	2,139	482	1,096	35	3,414	938	538	2,917	429	13,922
SA23	3,620	20,428	11,570	12,886	250	1,126	4,193	2,850	1,681	199	769	2,958	1,090	1,459	464	405	17,444
SA24	4,281	5,885	4,820	6,373	211	246	2,305	1,641	897	0	275	250	1,523	792	91	822	9,053
SA25	1,223	7,158	5,331	11,588	38	575	4,054	1,670	585	582	95	229	723	1,100	1,276	238	11,165
SA28	2,714	1,631	842	3,868	4	565	759	131	52	248	1	0	176	0	0	0	1,936
Total	35,151	74,192	53,901	102,660	4,255	5,808	30,171	22,708	17,895	16,695	3,288	8,530	12,197	7,408	7,428	3,427	139,810
LC Only	27,446	57,624	42,053	79,037	4,005	4,373	21,609	18,670	15,548	15,525	2,897	7,741	10,195	5,541	5,960	2,620	114,684
LC & Coorong	32,134	71,038	51,756	97,203	4,208	5,265	28,703	22,113	17,622	16,440	3,225	8,458	11,696	7,136	7,268	3,247	135,380

Store Sheep & Lamb Movements by Zone & Type

From Limestone Coast Region to Other SA Regions: Direct From Property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	241	682	0	21	0	0	0	0	0	8	0	0	0	0	0	848	856
SA11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SA12	0	989	14	7	0	0	0	29	0	0	0	0	0	0	0	0	29
SA13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SA14	0	461	0	594	0	0	0	0	900	0	0	0	0	0	0	0	900
SA15	2	1,818	0	707	0	0	0	1,112	0	10	0	0	0	0	0	0	1,122
SA16	0	513	0	1	0	0	0	102	850	0	243	0	0	0	0	0	1,195
SA17	0	1,039	6	974	0	429	0	0	40	203	0	5	0	2	298	0	977
SA18	34	4,032	2,942	1,040	112	0	328	423	218	668	0	0	0	0	0	0	1,749
SA20	0	5,723	1,255	5,759	816	704	562	1,225	4,250	4,042	1,028	450	0	0	378	0	13,455
SA21	359	2,723	719	2,396	450	1,175	60	1,440	643	260	0	0	0	0	209	0	4,237
SA22	677	5,958	2,337	692	0	3	1,149	921	4	0	157	430	0	302	925	0	3,891
SA23	1,701	13,914	1,569	4,906	128	867	1,984	2,271	1,163	1,021	0	672	0	0	339	0	8,445
SA24	1,163	2,059	5,961	4,284	304	56	1,596	2,524	873	323	0	143	127	0	0	476	6,422
SA25	3,638	6,747	4,979	4,227	0	1,083	2,810	1,675	305	1,039	182	2,567	5	0	14	1,597	11,277
SA28	3,728	5,743	3,239	3,012	0	1,158	791	43	8	9	168	462	129	0	0	0	2,768
Total	11,543	52,401	23,021	28,620	1,810	5,475	9,280	11,765	9,254	7,583	1,778	4,729	261	304	2,163	2,921	57,323
LC Only	3,203	36,061	11,136	17,697	1,505	2,762	4,509	7,958	8,125	6,143	1,428	1,526	58	304	2,044	1,065	37,425
LC & Coorong	8,060	46,858	18,866	25,037	1,753	4,456	8,060	11,072	9,050	7,399	1,629	4,060	138	304	2,161	2,653	52,735

Store Sheep & Lamb Movements by Zone & Type

From Limestone Coast Region to Outside SA: Direct From Property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	230	0	2	343	0	0	0	5	280	0	0	0	0	0	0	0	285
SA11	217	0	15	660	0	0	0	0	0	8	0	0	0	0	0	30	38
SA12	737	989	140	181	0	0	0	167	0	355	0	0	0	0	0	0	522
SA13	15	3	6	5	0	0	8	0	0	0	0	0	0	0	0	0	8
SA14	0	0	26	0	0	0	0	0	0	0	0	0	0	0	149	0	149
SA15	8	1	228	20	151	0	0	18	13	9	0	0	0	473	0	0	664
SA16	282	0	151	611	0	0	0	21	251	607	13	0	8	0	0	0	900
SA17	1,693	1,333	474	4,476	0	0	4	2,687	111	380	32	7	0	42	181	0	3,444
SA18	4,275	3,191	5,200	5,353	0	0	5	1,465	549	6,490	0	315	0	455	0	0	9,279
SA20	3,701	2,095	288	5,668	0	0	4,132	2,351	2,820	3,945	1,406	680	0	6	520	2	15,862
SA21	2,561	2,236	1,380	12,018	0	0	2,291	3,119	850	0	0	0	0	0	0	0	6,260
SA22	1,429	811	214	2,702	0	57	322	500	10	1,067	269	10	141	333	0	281	2,990
SA23	1,227	17,956	12,150	6,630	0	459	5,427	2,354	1,260	447	98	0	0	214	15	0	10,274
SA24	1,975	2,369	2,251	2,458	0	506	29	1,374	0	228	136	0	657	288	0	2	3,220
SA25	535	1,931	1,176	1,058	0	57	325	28	101	756	0	0	0	0	0	15	1,282
SA28	639	996	155	151	0	338	48	87	0	155	0	0	0	37	0	16	681
Total	19,524	33,911	23,856	42,334	151	1,417	12,591	14,176	6,245	14,447	1,954	1,012	806	1,848	865	346	55,858
LC Only	16,407	26,517	19,185	35,593	151	680	10,807	12,133	5,734	13,348	1,866	1,012	448	1,623	863	314	48,979
LC & Coorong	18,605	32,488	23,184	41,640	151	1,057	12,512	13,849	6,234	14,201	1,929	1,012	683	1,766	865	332	54,590

Store Sheep & Lamb Movements by Zone & Type

Within Limestone Coast Region: Via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	1,760	3,530	3,858	5,416	86	5	0	216	1,616	242	274	52	308	97	20	172	3,088
SA11	1,133	2,883	1,065	1,623	0	0	7	5	306	263	622	31	155	128	61	2	1,580
SA12	1,268	1,820	2,551	1,672	114	7	9	66	107	776	426	361	2	112	45	0	2,025
SA13	135	474	394	344	2	2	7	21	0	111	174	36	14	0	4	3	374
SA14	7,469	4,587	2,152	2,437	23	5	0	55	72	505	2	41	62	13	0	58	836
SA15	2,327	3,388	2,361	6,076	12	0	108	54	1,430	774	181	309	0	84	17	88	3,057
SA16	2,962	3,176	6,879	6,524	1	17	54	1,177	2,684	124	340	89	2	56	21	19	4,584
SA17	8,517	13,262	12,010	12,262	4	12	222	1,487	9,894	547	272	162	838	628	76	193	14,335
SA18	17,009	18,699	12,270	10,377	56	79	286	2,325	7,486	147	325	437	517	758	142	436	12,994
SA20	4,132	4,409	4,198	6,078	13	195	246	617	1,891	674	478	715	630	74	104	232	5,869
SA21	4,509	4,867	5,989	5,983	0	63	509	1,071	2,741	38	25	6	210	201	206	18	5,088
SA22	4,949	5,647	6,405	9,884	105	0	345	2,672	4,594	9	157	273	12	126	27	47	8,367
SA23	4,168	3,862	12,539	11,633	16	136	429	8,413	1,011	3	73	120	42	111	47	720	11,121
SA24	5,308	4,208	8,046	9,809	19	25	194	3,717	1,020	298	37	58	81	29	28	79	5,585
SA25	4,086	3,763	7,283	8,296	1	414	664	4,304	2,599	84	214	169	38	82	83	50	8,702
SA28	3,162	7,952	8,805	11,543	0	603	3,346	4,326	553	0	0	23	0	0	0	0	8,851
Total	72,894	86,527	96,805	109,957	452	1,563	6,426	30,526	38,004	4,595	3,600	2,882	2,911	2,499	881	2,117	96,456
LC Only	60,940	70,652	72,920	81,491	438	496	2,111	18,376	33,412	4,338	3,349	2,640	2,766	2,331	720	1,916	72,893
LC & Coorong	69,020	79,225	87,737	98,348	448	1,050	3,751	26,033	37,098	4,530	3,569	2,835	2,892	2,484	866	2,097	87,653

Store Sheep & Lamb Movements by Zone & Type

From Limestone Coast Region to Other SA Regions: Via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014
SA10	36	75	48	498
SA11	0	69	0	54
SA12	0	165	0	0
SA13	0	60	0	13
SA14	0	80	0	17
SA15	100	345	0	179
SA16	0	180	140	331
SA17	403	401	471	2,891
SA18	71	876	442	3,071
SA20	7	364	219	545
SA21	447	355	881	515
SA22	20	1,078	196	1,496
SA23	423	138	1,168	1,206
SA24	1,334	1,843	1,207	2,504
SA25	3,597	1,638	3,285	4,161
SA28	7,105	4,440	7,808	10,359
Total	13,543	12,107	15,865	27,840
LC Only	1,933	4,909	3,709	11,644
LC & Coorong	7,446	8,177	9,288	18,967

Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
0	0	0	28	0	0	144	0	102	3	0	0	277
0	0	27	0	93	19	0	0	0	0	0	0	139
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	326	0	0	79	82	0	0	0	487
6	0	338	368	702	0	18	0	7	131	0	0	1,570
0	2	126	386	2,089	62	135	393	66	207	0	0	3,466
27	0	39	592	412	111	22	52	0	132	0	0	1,387
0	0	0	0	781	39	103	1	214	0	0	0	1,138
254	69	89	428	320	107	144	142	0	71	1	0	1,625
10	7	0	1,005	343	0	0	0	3	22	0	0	1,390
6	0	224	991	307	96	50	76	64	30	0	0	1,844
89	332	132	416	254	54	69	20	162	27	0	110	1,665
124	252	804	1,300	538	0	150	278	45	58	106	166	3,821
176	486	2,638	792	572	349	158	320	94	232	529	161	6,507
692	1,148	4,417	6,306	6,737	837	993	1,361	839	913	636	437	25,316
274	210	847	3,730	5,358	416	601	703	603	585	1	50	13,378
527	685	2,281	5,475	6,191	560	842	1,081	732	724	219	274	19,590

Store Sheep & Lamb Movements by Zone & Type

From Limestone Coast Region to Outside SA: Via Saleyard

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	1,130	1,351	963	2,928	2	2	10	461	992	121	138	150	372	203	45	0	2,496
SA11	1,887	1,325	1,322	1,408	13	0	19	124	249	2	3	225	125	21	151	0	932
SA12	2,744	543	1,088	2,520	3	0	1	436	560	0	16	340	120	0	0	0	1,476
SA13	992	863	1,305	1,247	28	0	0	281	847	0	0	82	105	0	11	0	1,354
SA14	2,118	1,098	1,461	1,840	7	0	0	32	74	346	286	80	108	14	0	21	968
SA15	3,275	1,695	2,865	3,124	0	26	44	388	1,504	0	10	202	139	0	0	1	2,314
SA16	1,240	1,788	2,122	2,720	1	1	0	1,862	435	3	2	74	0	44	0	4	2,426
SA17	3,093	9,341	4,485	6,989	39	16	173	3,350	4,548	163	31	132	473	98	30	274	9,327
SA18	4,756	7,481	9,778	8,705	4	20	685	5,861	4,580	0	16	167	29	864	161	18	12,405
SA20	2,348	1,847	1,253	1,097	0	2	12	689	1,017	242	2	145	181	5	216	102	2,613
SA21	2,439	2,412	3,160	1,567	1	85	86	1,064	359	24	0	24	174	110	27	13	1,967
SA22	2,900	3,784	2,687	5,045	69	44	940	1,410	815	2	9	83	25	181	13	103	3,694
SA23	3,569	5,225	3,471	5,614	9	81	643	2,853	201	28	64	0	31	1	136	238	4,285
SA24	2,016	5,392	3,454	4,108	187	1	446	1,640	1,493	16	11	34	99	68	41	17	4,053
SA25	3,318	3,769	2,825	2,839	81	133	222	694	781	5	44	97	65	104	27	113	2,366
SA28	2,680	2,363	3,605	4,395	164	481	1,643	373	40	3	0	66	25	88	463	30	3,376
Total	40,505	50,277	45,844	56,146	608	892	4,924	21,518	18,495	955	632	1,901	2,071	1,801	1,321	934	56,052
LC Only	32,239	39,807	36,182	45,446	260	243	2,701	18,861	16,735	928	573	1,713	1,876	1,542	782	744	46,957
LC & Coorong	37,702	47,035	42,119	51,692	438	508	3,557	20,848	18,098	949	625	1,833	2,026	1,709	956	895	52,442

Store Sheep & Lamb Movements by Zone & Type

Store Movements exiting Limestone Coast: All Channels

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	1,637	2,108	1,013	3,790	2	2	10	494	1,272	129	282	150	474	206	45	848	3,914
SA11	2,104	1,394	1,337	2,122	13	0	46	124	342	29	3	225	125	21	151	30	1,109
SA12	3,481	2,686	1,242	2,708	3	0	1	632	560	355	16	340	120	0	0	0	2,027
SA13	1,007	926	1,311	1,265	28	0	8	281	847	0	0	82	105	0	11	0	1,362
SA14	2,118	1,639	1,487	2,451	7	0	0	32	974	346	286	80	108	14	149	21	2,017
SA15	3,385	3,859	3,093	4,030	151	26	44	1,518	1,843	19	10	281	221	473	0	1	4,587
SA16	1,522	2,481	2,413	3,663	7	1	338	2,353	2,238	610	276	74	15	175	0	4	6,091
SA17	5,189	12,114	5,436	15,330	39	447	303	6,423	6,788	808	198	537	539	349	509	274	17,214
SA18	9,136	15,580	18,362	18,169	143	20	1,057	8,341	5,759	7,269	38	534	29	1,451	161	18	24,820
SA20	6,056	10,029	3,015	13,069	816	706	4,706	4,265	8,868	8,268	2,539	1,276	395	11	1,114	104	33,068
SA21	5,806	7,726	6,140	16,496	705	1,329	2,526	6,051	2,172	391	144	166	174	181	237	13	14,089
SA22	5,026	11,631	5,434	9,935	79	111	2,411	3,836	1,172	1,069	435	523	169	838	938	384	11,965
SA23	6,920	37,233	18,358	18,356	143	1,407	8,278	8,469	2,931	1,592	212	748	95	245	490	238	24,848
SA24	6,488	11,663	12,873	13,354	580	895	2,203	5,954	2,620	621	216	197	1,045	383	41	605	15,360
SA25	11,088	14,085	12,265	12,285	205	1,525	4,161	3,697	1,725	1,800	376	2,942	115	162	147	1,891	18,746
SA28	14,152	13,542	14,807	17,917	340	2,463	5,120	1,295	620	516	326	848	248	357	992	207	13,332
Total	85,115	148,696	108,586	154,940	3,261	8,932	31,212	53,765	40,731	23,822	5,357	9,003	3,977	4,866	4,985	4,638	194,549
LC Only	53,781	107,294	70,212	110,380	2,189	3,896	18,863	42,682	35,952	20,834	4,468	4,954	2,984	4,054	3,690	2,173	146,739
LC & Coorong	71,813	134,558	93,457	137,336	2,869	6,706	26,410	51,245	39,573	23,108	5,025	7,986	3,579	4,503	4,201	4,154	179,357

Store Sheep & Lamb Movements by Zone & Type

Store Movements Exiting Limestone Coast Properties - Percentage Direct off Paddock

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	33%	23%	4%	40%	61%	92%	0%	35%	10%	90%	12%	51%	10%	77%	71%	83%	52%
SA11	17%	5%	12%	34%	71%	0%	0%	0%	0%	5%	11%	0%	17%	67%	0%	95%	17%
SA12	21%	67%	7%	36%	23%	0%	82%	33%	7%	39%	0%	0%	45%	0%	93%	100%	37%
SA13	20%	13%	2%	1%	0%	0%	93%	29%	0%	52%	55%	0%	0%	0%	0%	0%	24%
SA14	0%	8%	1%	15%	0%	0%	0%	0%	91%	48%	40%	0%	64%	0%	100%	6%	66%
SA15	1%	32%	14%	18%	93%	77%	0%	73%	1%	21%	2%	54%	55%	92%	81%	0%	39%
SA16	32%	13%	15%	19%	100%	0%	5%	22%	32%	83%	42%	54%	95%	15%	0%	0%	43%
SA17	20%	20%	16%	36%	0%	96%	66%	50%	11%	60%	45%	40%	61%	30%	84%	60%	35%
SA18	36%	46%	48%	56%	83%	95%	88%	34%	22%	98%	61%	39%	44%	31%	34%	0%	56%
SA20	52%	64%	45%	76%	99%	78%	96%	86%	76%	91%	84%	57%	78%	85%	84%	23%	83%
SA21	46%	59%	42%	76%	72%	84%	93%	76%	60%	89%	43%	0%	53%	55%	68%	88%	76%
SA22	41%	51%	45%	30%	0%	95%	66%	41%	8%	99%	74%	92%	96%	78%	99%	83%	61%
SA23	45%	85%	60%	57%	92%	92%	90%	38%	73%	93%	82%	95%	89%	92%	82%	30%	68%
SA24	46%	47%	51%	44%	64%	69%	84%	49%	39%	60%	78%	78%	87%	90%	57%	86%	62%
SA25	33%	63%	46%	52%	16%	68%	81%	35%	20%	96%	40%	84%	83%	82%	86%	85%	61%
SA28	35%	36%	17%	21%	1%	57%	17%	5%	5%	54%	52%	53%	72%	10%	0%	8%	22%
Total	34%	52%	39%	47%	78%	78%	77%	45%	35%	86%	57%	70%	69%	65%	79%	66%	59%
LC Only	33%	51%	39%	49%	85%	89%	87%	49%	35%	86%	58%	67%	67%	63%	86%	60%	60%
LC & Coorong	34%	53%	40%	49%	81%	83%	84%	47%	35%	86%	57%	70%	69%	65%	83%	66%	60%

Store Sheep & Lamb Movements by Zone & Type

Into Limestone Coast Region from Other SA Regions: Direct from Property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	1,748	1,724	863	1,774	0	409	336	0	583	207	326	662	94	0	205	23	2,845
SA11	57	424	290	1,126	0	250	21	210	187	42	11	11	1	0	3	0	736
SA12	15	41	156	668	0	0	19	6	1	135	71	42	0	17	137	22	450
SA13	0	436	985	641	0	6	11	2	0	261	6	15	2	34	21	2	360
SA14	11	257	38	1,315	26	7	56	50	0	0	3	1	7	2	118	7	277
SA15	351	2,760	3,294	2,672	3	0	2	149	768	531	158	139	4	0	229	0	1,983
SA16	520	3,715	2,072	4,757	0	0	12	469	912	237	366	311	185	357	0	0	2,849
SA17	2,126	7,175	5,516	4,120	14	1,028	1,532	3,928	3,920	335	188	55	323	1,540	725	101	13,689
SA18	7,337	6,949	3,546	4,956	372	567	379	546	3,252	0	291	162	636	518	19	144	6,886
SA20	3,097	2,863	4,055	8,856	7	501	305	650	632	1,290	164	0	741	449	1,015	0	5,754
SA21	2,264	1,541	1,729	354	0	653	33	309	0	0	0	0	6	1	0	0	1,002
SA22	522	1,580	2,450	3,283	352	318	1,106	1,902	1,846	0	0	207	15	572	5	0	6,323
SA23	3,221	2,366	1,477	5,407	63	1,988	101	1,319	975	0	391	586	1,077	513	0	0	7,013
SA24	952	7,084	1,848	4,167	287	1,562	221	1,307	557	99	34	1,400	127	70	0	113	5,777
SA25	4,923	1,635	3,217	3,300	117	294	875	416	3,268	367	640	775	13	619	176	1,325	8,885
SA28	2,241	2,900	4,182	2,366	334	52	123	150	0	0	188	0	1,417	0	0	0	2,264
Total	29,385	43,450	35,718	49,762	1,575	7,635	5,132	11,413	16,901	3,504	2,837	4,366	4,648	4,692	2,653	1,737	67,093
LC Only	20,630	34,300	26,634	40,955	959	5,977	3,990	9,862	13,190	3,083	1,934	2,744	2,993	3,961	2,477	350	51,521
LC & Coorong	26,937	39,721	31,807	46,800	1,252	7,270	4,898	11,007	16,430	3,444	2,615	4,017	3,537	4,609	2,633	1,567	63,280

Store Sheep & Lamb Movements by Zone & Type

Into Limestone Coast Region from Outside SA: Direct from Property

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	3,669	2,177	3,183	7,452	0	0	12	9	0	57	510	0	626	0	0	166	1,380
SA11	0	0	654	637	0	0	0	2	0	0	300	0	0	0	0	0	302
SA12	2,104	7,524	1,739	4,714	0	0	221	0	1,190	0	260	0	37	294	0	0	2,002
SA13	14	18	208	0	0	0	0	3	0	0	0	0	0	0	0	0	3
SA14	1,211	26	976	304	188	2	0	29	15	0	0	0	0	0	7	0	241
SA15	538	148	710	2,364	0	0	0	72	7	365	452	0	72	0	0	0	968
SA16	970	517	1,275	6,557	0	390	3	567	2,130	1	539	450	287	0	196	93	4,656
SA17	2,942	1,523	1,383	6,678	0	6	28	696	805	749	1,118	0	0	0	0	0	3,402
SA18	3,228	869	1,277	5,521	0	946	2	722	2,027	233	1,073	0	1,810	177	233	278	7,501
SA20	1,297	4,830	2,393	3,734	0	0	6	4	457	0	415	0	484	0	0	137	1,503
SA21	224	882	6	410	0	0	2	0	0	3	0	0	9	0	0	0	14
SA22	2,663	731	730	4,096	20	5	810	30	0	5	0	0	0	114	0	0	984
SA23	2,877	1,409	3,423	213	725	1	12	1	0	50	386	0	1,783	6	103	0	3,067
SA24	4,036	1,580	407	1,053	0	3	560	244	220	4	551	0	789	0	0	2	2,373
SA25	6,724	727	346	7,746	435	2	990	1	0	530	0	0	479	0	0	15	2,452
SA28	401	0	3	8	0	0	1	4	0	0	0	0	1	0	0	16	22
Total	32,898	22,961	18,713	51,487	1,368	1,355	2,647	2,384	6,851	1,997	5,604	450	6,377	591	539	707	30,870
LC Only	23,101	20,933	17,650	43,018	829	1,351	1,349	2,246	6,731	1,457	5,248	450	5,209	590	524	675	26,660
LC & Coorong	31,081	22,584	18,596	50,413	1,319	1,354	2,430	2,335	6,810	1,937	5,501	450	6,175	591	539	693	30,134

Store Sheep & Lamb Movements by Zone & Type

Into Limestone Coast Region from other Limestone Coast Zones: Via Saleyard (i.e. internal transfers via saleyard)

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	9,515	9,942	10,119	16,580	0	127	61	685	5,261	630	730	589	173	0	17	141	8,414
SA11	2,256	3,685	2,448	4,447	2	54	1,167	292	1,318	200	161	211	56	79	13	17	3,570
SA12	3,802	1,632	1,120	1,331	50	0	0	120	1,040	217	27	67	61	131	0	14	1,727
SA13	899	1,446	1,305	2,181	16	6	13	1	193	163	362	0	15	108	17	60	954
SA14	4,466	2,758	1,773	2,032	48	28	109	72	152	81	54	289	110	97	14	21	1,075
SA15	7,511	6,717	5,505	9,416	0	136	265	294	3,196	626	234	192	161	285	75	379	5,843
SA16	3,300	6,114	6,627	6,490	0	917	890	622	1,276	322	423	233	135	705	229	25	5,777
SA17	14,379	16,725	18,511	19,164	97	30	298	2,493	13,009	751	234	454	1,537	487	275	953	20,618
SA18	10,316	10,515	11,357	14,646	19	70	70	2,632	5,294	255	60	66	117	331	92	423	9,429
SA20	3,789	6,930	8,140	3,391	98	0	0	2,602	905	147	124	29	112	34	0	34	4,085
SA21	801	1,424	2,626	1,917	0	51	124	528	123	0	0	52	0	1	0	0	879
SA22	5,506	4,599	4,550	7,359	0	71	103	6,044	3,224	309	174	87	7	9	0	3	10,031
SA23	1,634	4,137	8,413	7,351	0	73	674	6,584	1,717	335	196	519	65	52	0	0	10,215
SA24	2,159	4,207	5,571	5,566	122	0	367	1,894	1,059	278	599	41	314	180	149	44	5,047
SA25	2,140	4,594	7,130	4,752	0	0	1,979	4,902	237	192	101	30	48	0	0	0	7,489
SA28	421	1,102	1,610	3,334	0	0	306	761	0	89	121	23	0	0	0	3	1,303
Total	72,894	86,527	96,805	109,957	452	1,563	6,426	30,526	38,004	4,595	3,600	2,882	2,911	2,499	881	2,117	96,456
LC Only	68,706	77,561	83,115	97,267	386	1,539	3,811	22,745	36,911	4,114	3,023	2,718	2,683	2,393	800	2,090	83,213
LC & Coorong	71,927	84,380	93,729	105,828	429	1,563	5,901	29,038	37,779	4,453	3,384	2,853	2,847	2,465	853	2,106	93,673

Store Sheep & Lamb Movements by Zone & Type

Into Limestone Coast from outside region: All Channels

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	19,315	13,126	17,129	17,094	0	908	348	399	1,308	952	5,229	1,293	1,145	0	205	189	11,976
SA11	796	1,245	3,427	4,703	7	256	177	345	421	894	897	73	223	10	207	9	3,519
SA12	2,548	9,147	2,231	5,721	0	0	240	6	1,599	741	484	77	82	311	167	23	3,730
SA13	259	530	2,574	1,035	40	6	13	76	0	616	6	15	8	40	23	3	846
SA14	2,329	610	1,077	3,816	266	9	56	79	738	0	81	1	509	158	125	8	2,030
SA15	3,936	11,274	9,766	11,980	3	0	2	367	1,246	2,148	755	397	230	17	490	84	5,739
SA16	8,368	13,247	10,264	23,281	0	638	552	1,688	5,965	3,227	2,036	2,693	757	1,093	203	174	19,026
SA17	19,332	17,104	21,608	25,578	24	1,295	2,904	4,830	14,029	4,152	2,118	1,219	1,848	2,262	958	131	35,770
SA18	21,722	13,797	16,842	22,101	503	1,610	507	4,135	6,391	1,094	4,278	2,422	2,694	714	252	447	25,047
SA20	5,522	11,225	10,411	14,022	7	501	311	1,364	1,389	1,291	855	0	1,232	449	2,317	137	9,853
SA21	3,806	5,146	4,382	2,937	0	653	178	596	932	3	0	0	15	1	0	0	2,378
SA22	10,170	6,728	10,380	24,320	3,330	1,999	3,409	3,904	3,278	1,077	436	689	327	1,042	896	5,414	25,801
SA23	9,257	8,253	12,163	11,295	788	2,279	948	2,632	2,218	316	777	586	2,860	519	103	0	14,026
SA24	9,856	15,576	16,320	13,509	514	1,565	1,621	2,750	2,110	278	1,464	2,062	970	70	0	179	13,583
SA25	38,808	12,802	37,214	24,865	572	296	6,032	1,725	4,881	2,614	3,669	3,227	1,691	1,563	704	1,747	28,721
SA28	4,362	6,473	9,268	6,242	334	52	430	2,125	244	709	566	224	1,450	0	0	16	6,150
Total	160,386	146,283	185,056	212,499	6,388	12,067	17,728	27,021	46,749	20,112	23,651	14,978	16,041	8,249	6,650	8,561	208,195
LC Only	109,492	115,949	126,755	171,619	5,089	10,363	10,199	21,134	39,905	16,591	18,507	10,319	11,958	6,573	5,931	6,700	163,270
LC & Coorong	150,840	136,974	170,722	202,397	5,972	11,701	16,418	24,685	45,619	19,223	22,531	14,058	14,559	8,060	6,571	8,319	197,716

Store Sheep & Lamb Movements by Zone & Type

Net Stock Movements: Slaughter and Store for Limestone Coast

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	-144,500	-164,161	-165,349	-166,923	-5,184	-3,808	-2,034	-14,927	-25,919	-36,252	-12,223	-11,104	-23,316	-18,743	-10,478	-8,430	-172,418
SA11	-56,876	-47,626	-63,779	-54,070	-2,688	-1,257	-1,206	-4,388	-10,451	-3,818	-6,834	-3,101	-5,140	-3,587	-3,534	-3,045	-49,049
SA12	-38,869	-27,645	-36,701	-35,423	-1,179	-408	-638	-8,606	-5,113	-3,438	-4,615	-4,311	-2,852	-3,600	-2,116	-1,331	-38,207
SA13	-22,835	-27,332	-22,728	-16,352	-417	-150	-66	-3,802	-6,465	-590	-1,699	-1,399	-655	-1,514	-773	-449	-17,979
SA14	-51,907	-43,047	-46,051	-49,452	-1,204	-187	-101	-2,441	-11,004	-7,722	-8,351	-2,969	-4,689	-3,350	-3,613	-3,343	-48,974
SA15	-95,694	-96,287	-109,749	-107,938	-3,943	-2,934	-1,990	-8,985	-33,431	-18,986	-6,913	-7,833	-8,633	-8,045	-6,982	-5,071	-113,746
SA16	-88,605	-77,723	-103,501	-97,726	-5,151	-5,047	-3,435	-15,282	-19,720	-8,762	-6,369	-6,138	-7,592	-4,796	-5,758	-4,451	-92,501
SA17	-174,311	-219,083	-204,506	-237,887	-8,954	-5,074	-17,562	-56,030	-24,017	-9,442	-15,704	-10,824	-8,947	-9,583	-9,580	-7,217	-182,934
SA18	-177,932	-209,878	-276,150	-267,267	-8,134	-8,595	-19,746	-58,304	-34,642	-21,475	-12,858	-12,352	-10,849	-9,440	-9,076	-6,981	-212,452
SA20	-160,190	-172,725	-189,598	-233,550	-8,384	-11,195	-27,225	-43,123	-46,376	-37,635	-30,172	-19,389	-13,431	-10,725	-6,505	-5,923	-260,083
SA21	-73,834	-137,222	-95,967	-101,252	-3,405	-3,974	-18,748	-34,907	-16,803	-7,827	-6,433	-5,263	-5,313	-1,581	-2,502	-3,227	-109,983
SA22	-113,806	-117,339	-158,563	-135,113	-2,589	-6,235	-19,286	-24,745	-5,916	-3,897	-13,808	-9,861	-11,434	-7,801	-4,336	2,225	-107,683
SA23	-118,203	-191,990	-211,871	-174,840	-7,312	-18,052	-47,043	-42,071	-11,040	-6,393	-10,649	-6,340	-5,266	-6,987	-5,132	-3,996	-170,281
SA24	-130,348	-170,512	-169,615	-179,704	-9,646	-13,430	-38,090	-42,055	-9,375	-4,244	-10,259	-11,338	-12,062	-7,036	-11,710	-10,196	-179,441
SA25	-81,795	-117,119	-121,578	-119,484	-5,655	-12,248	-26,633	-24,495	-330	-3,199	-3,935	-11,445	-8,530	-8,897	-10,669	-8,254	-124,290
SA28	-83,094	-88,912	-97,680	-114,996	-8,145	-15,267	-34,408	-7,565	-4,983	-3,001	-4,829	-6,675	-4,711	-7,957	-9,617	-5,734	-112,892
Total	-1,612,799	-1,908,601	-2,073,386	-2,091,977	-81,990	-107,861	-258,211	-391,726	-265,585	-176,681	-155,651	-130,342	-133,420	-113,642	-102,381	-75,423	-1,992,913
LC Only	-1,340,018	-1,545,117	-1,705,445	-1,707,196	-60,967	-69,368	-164,614	-321,302	-249,048	-165,141	-138,035	-103,715	-111,418	-91,526	-74,303	-54,435	-1,603,871
LC & Coorong	-1,515,584	-1,795,453	-1,953,186	-1,956,860	-73,311	-92,277	-221,737	-375,318	-259,978	-173,229	-149,592	-121,823	-126,598	-105,231	-91,625	-68,197	-1,858,917

Store Sheep & Lamb Movements by Zone & Type

Net Store Movements: Store Only for Limestone Coast

Month	FY 2011	FY 2012	FY 2013	FY 2014	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	FY 2015
SA10	17,678	11,018	16,116	13,304	-2	906	338	-95	36	823	4,947	1,143	671	-206	160	-659	8,062
SA11	-1,308	-149	2,090	2,581	-6	256	131	221	79	865	894	-152	98	-11	56	-21	2,410
SA12	-933	6,461	989	3,013	-3	0	239	-626	1,039	386	468	-263	-38	311	167	23	1,703
SA13	-748	-396	1,263	-230	12	6	5	-205	-847	616	6	-67	-97	40	12	3	-516
SA14	211	-1,029	-410	1,365	259	9	56	47	-236	-346	-205	-79	401	144	-24	-13	13
SA15	551	7,415	6,673	7,950	-148	-26	-42	-1,151	-597	2,129	745	116	9	-456	490	83	1,152
SA16	6,846	10,766	7,851	19,618	-7	637	214	-665	3,727	2,617	1,760	2,619	742	918	203	170	12,935
SA17	14,143	4,990	16,172	10,248	-15	848	2,601	-1,593	7,241	3,344	1,920	682	1,309	1,913	449	-143	18,556
SA18	12,586	-1,783	-1,520	3,932	360	1,590	-550	-4,206	632	-6,175	4,240	1,888	2,665	-737	91	429	227
SA20	-534	1,196	7,396	953	-809	-205	-4,395	-2,901	-7,479	-6,977	-1,684	-1,276	837	438	1,203	33	-23,215
SA21	-2,000	-2,580	-1,758	-13,559	-705	-676	-2,348	-5,455	-1,240	-388	-144	-166	-159	-180	-237	-13	-11,711
SA22	5,144	-4,903	4,946	14,385	3,251	1,888	998	68	2,106	8	1	166	158	204	-42	5,030	13,836
SA23	2,337	-28,980	-6,195	-7,061	645	872	-7,330	-5,837	-713	-1,276	565	-162	2,765	274	-387	-238	-10,822
SA24	3,368	3,913	3,447	155	-66	670	-582	-3,204	-510	-343	1,248	1,865	-75	-313	-41	-426	-1,777
SA25	27,720	-1,283	24,949	12,580	367	-1,229	1,871	-1,972	3,156	814	3,293	285	1,576	1,401	557	-144	9,975
SA28	-9,790	-7,069	-5,539	-11,675	-6	-2,411	-4,690	830	-376	193	240	-624	1,202	-357	-992	-191	-7,182
Total	75,271	-2,413	76,470	57,559	3,127	3,135	-13,484	-26,744	6,018	-3,710	18,294	5,975	12,064	3,383	1,665	3,923	13,646
LC Only	55,710	8,654	56,543	61,239	2,900	6,467	-8,664	-21,548	3,953	-4,243	14,039	5,366	8,974	2,519	2,242	4,528	16,531
LC & Coorong	79,027	2,416	77,265	65,061	3,103	4,995	-9,992	-26,560	6,047	-3,885	17,507	6,073	10,980	3,558	2,370	4,165	18,360

Store Cattle: Internal Movement Flow Matrix: FY11

DIRECT To ➡

From ➡	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	399	25	0	3	25	223	270	0	45	239	272	27	0	0	958	0	2,486
SA11	292	322	41	19	73	105	0	11	177	146	0	0	74	0	4	0	1,264
SA12	11	225	653	209	150	41	42	0	109	0	0	0	700	0	0	0	2,140
SA13	48	128	128	567	147	152	16	0	11	0	27	0	0	10	15	0	1,249
SA14	0	11	65	95	115	106	30	5	22	80	25	1	0	0	0	0	555
SA15	168	422	4	199	66	525	121	33	84	79	0	0	0	0	89	0	1,790
SA16	182	1	109	113	31	69	381	27	623	65	3	0	1	0	143	0	1,748
SA17	26	28	38	42	0	12	53	194	360	461	2	39	30	0	293	0	1,578
SA18	16	4	5	44	172	20	1,228	448	1,300	936	86	46	11	292	2,234	0	6,842
SA20	1,517	29	125	3	68	152	241	360	1,742	3,695	118	10	106	87	2,005	0	10,258
SA21	40	119	0	26	0	35	0	350	386	840	718	291	353	220	2,253	0	5,631
SA22	106	3	2	66	3	275	102	159	21	121	62	153	632	95	1,091	1	2,892
SA23	59	649	145	113	6	123	128	23	44	133	388	2,252	1,030	760	4,439	0	10,292
SA24	10	2	0	2	8	7	60	33	399	8	142	104	226	563	5,344	44	6,952
SA25	194	7	135	153	0	147	39	152	246	60	372	10	159	627	7,978	361	10,640
SA28	0	33	0	3	0	0	0	0	10	0	0	0	1	17	162	1	227
Total	3,068	2,008	1,450	1,657	864	1,992	2,711	1,795	5,579	6,863	2,215	2,933	3,323	2,671	27,008	407	66,544
Net	582	744	-690	408	309	202	963	217	-1,263	-3,395	-3,416	41	-6,969	-4,281	16,368	180	0

Store Cattle: Internal Movement Flow Matrix: FY11

SALEYARD To ➡

From ➡	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	634	111	103	134	150	224	111	48	240	100	26	22	134	244	249	0	2,530
SA11	352	109	166	358	151	108	147	1	157	38	21	0	0	168	155	0	1,931
SA12	96	197	264	562	256	444	259	23	404	31	39	25	12	97	132	0	2,841
SA13	145	90	44	279	104	247	75	6	339	38	1	2	0	39	72	0	1,481
SA14	73	75	201	201	249	261	107	22	213	45	66	1	0	73	138	0	1,725
SA15	160	87	110	261	130	243	144	11	462	11	28	4	29	90	173	0	1,943
SA16	73	57	240	79	39	689	378	49	426	180	47	111	113	133	178	0	2,792
SA17	60	19	25	17	24	66	121	144	393	21	0	193	50	68	409	0	1,610
SA18	480	312	205	404	268	725	505	579	1,109	380	207	486	218	259	868	0	7,005
SA20	482	179	402	401	290	726	355	204	538	210	59	268	193	318	664	0	5,289
SA21	388	176	80	267	138	581	317	291	289	80	6	302	148	140	494	4	3,701
SA22	58	12	87	135	102	279	224	179	435	79	28	230	13	112	278	25	2,276
SA23	66	61	28	100	76	223	261	191	415	140	52	333	221	161	349	0	2,677
SA24	114	33	116	166	276	219	309	59	415	98	70	340	121	181	290	0	2,807
SA25	85	11	41	9	9	24	105	169	318	78	45	209	185	254	459	16	2,017
SA28	42	38	45	43	32	43	0	0	4	0	1	1	9	50	138	99	545
Total	3,308	1,567	2,157	3,416	2,294	5,102	3,418	1,976	6,157	1,529	696	2,527	1,446	2,387	5,046	144	43,170
Net	778	-364	-684	1,935	569	3,159	626	366	-848	-3,760	-3,005	251	-1,231	-420	3,029	-401	0

Store Cattle: Internal Movement Flow Matrix: FY12

DIRECT To ➡

From ➡	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	555	124	11	6	2	81	207	0	80	364	317	2	3	1	1,378	0	3,131
SA11	223	585	152	10	68	66	24	0	68	67	0	0	24	0	299	0	1,586
SA12	9	513	725	364	558	160	0	0	64	0	0	4	171	0	131	0	2,699
SA13	22	22	213	297	114	46	0	0	68	0	14	0	0	28	17	0	841
SA14	14	81	117	94	83	60	11	0	25	0	0	0	0	0	62	0	547
SA15	308	172	55	40	19	230	27	0	25	30	0	10	0	78	0	0	994
SA16	121	112	270	23	1	170	1,066	22	390	217	0	0	1	0	449	0	2,842
SA17	3	13	37	1	0	5	59	222	190	95	0	0	16	0	489	0	1,130
SA18	36	40	111	4	0	203	502	55	912	620	151	72	14	366	479	1	3,566
SA20	756	83	4	85	71	183	67	4	430	1,193	261	5	3	156	1,815	291	5,407
SA21	156	0	112	28	224	160	6	378	164	703	1,417	4	201	84	1,965	1	5,603
SA22	33	1	68	199	1	20	329	35	94	40	629	391	250	24	541	0	2,655
SA23	502	41	17	31	13	218	182	61	398	317	292	375	401	481	2,687	0	6,016
SA24	41	6	0	0	0	8	2	1	63	0	342	76	110	1,213	2,701	15	4,578
SA25	17	0	0	172	4	182	58	256	165	77	405	65	97	456	5,972	2	7,928
SA28	0	0	1	0	0	0	0	0	10	0	0	0	0	48	93	508	660
Total	2,796	1,793	1,893	1,354	1,158	1,792	2,540	1,034	3,146	3,723	3,828	1,004	1,291	2,935	19,078	818	50,183
Net	-335	207	-806	513	611	798	-302	-96	-420	-1,684	-1,775	-1,651	-4,725	-1,643	11,150	158	0

Store Cattle: Internal Movement Flow Matrix: FY12

SALEYARD To ↻

From ↻	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	332	127	85	114	103	290	92	2	206	63	30	75	26	270	639	0	2,454
SA11	266	161	176	172	123	142	50	19	116	35	0	16	7	189	379	0	1,851
SA12	178	170	307	277	364	436	88	14	133	123	6	9	70	96	353	0	2,624
SA13	34	76	156	148	193	176	12	1	111	44	33	9	45	76	303	12	1,429
SA14	44	158	287	431	280	188	11	2	60	38	0	10	9	86	370	0	1,974
SA15	116	59	161	195	158	527	71	21	163	21	0	28	57	171	557	0	2,305
SA16	301	54	205	188	61	233	324	92	110	70	12	156	24	122	464	5	2,421
SA17	17	7	0	45	7	108	80	148	205	49	57	314	30	117	577	0	1,761
SA18	394	101	111	99	22	805	300	359	551	194	17	304	47	326	1,082	0	4,712
SA20	589	204	338	372	395	552	199	146	423	142	49	159	17	180	810	0	4,575
SA21	107	93	60	110	132	503	158	244	267	136	64	260	29	247	341	0	2,751
SA22	277	32	18	67	29	180	62	253	258	105	25	245	26	139	383	0	2,099
SA23	184	56	60	301	20	107	228	94	254	170	41	231	48	80	475	35	2,384
SA24	261	13	32	70	39	172	103	245	138	78	5	200	0	173	737	0	2,266
SA25	12	17	133	44	0	18	0	40	93	55	27	213	163	60	755	3	1,633
SA28	0	0	0	87	12	19	0	26	13	0	0	14	23	9	195	0	398
Total	3,112	1,328	2,129	2,720	1,938	4,456	1,778	1,706	3,101	1,323	366	2,243	621	2,341	8,420	55	37,637
Net	658	-523	-495	1,291	-36	2,151	-643	-55	-1,611	-3,252	-2,385	144	-1,763	75	6,787	-343	0

Store Cattle: Internal Movement Flow Matrix: FY13

DIRECT To ↻

From ↻	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	484	56	1	3	3	87	186	10	46	256	1	3	2	0	1,316	0	2,454
SA11	97	603	1	96	27	95	182	0	68	27	0	0	0	0	44	0	1,240
SA12	30	25	482	118	844	153	0	0	140	0	0	0	0	0	599	0	2,391
SA13	1	44	14	619	170	79	29	0	36	0	1	0	0	24	337	0	1,354
SA14	14	35	139	94	347	37	23	1	170	38	13	0	0	1	762	0	1,674
SA15	157	47	216	60	275	830	155	40	48	113	0	1	0	0	24	0	1,966
SA16	38	0	84	18	17	171	946	6	666	49	1	0	1	0	542	0	2,539
SA17	1	1	1	5	1	4	279	188	25	54	154	18	0	2	139	0	872
SA18	129	2	5	52	6	171	510	250	1,563	466	6	173	24	164	855	1	4,377
SA20	140	78	8	2	25	30	81	238	542	2,131	237	345	43	30	1,969	0	5,899
SA21	9	3	8	1	0	44	113	120	569	591	174	329	264	703	2,159	0	5,087
SA22	129	1	10	7	0	86	142	0	27	123	257	82	94	78	404	0	1,440
SA23	211	252	14	12	222	45	438	5	210	288	86	186	342	517	2,508	1	5,337
SA24	0	0	0	0	0	41	67	2	222	204	285	45	6	368	1,627	2	2,869
SA25	111	1	2	1	0	79	0	44	155	8	149	303	44	308	6,396	252	7,853
SA28	0	0	0	0	21	0	0	0	0	0	0	0	0	56	23	4	104
Total	1,551	1,148	985	1,088	1,958	1,952	3,151	904	4,487	4,348	1,364	1,485	820	2,251	19,704	260	47,456
Net	-903	-92	-1,406	-266	284	-14	612	32	110	-1,551	-3,723	45	-4,517	-618	11,851	156	0

Store Cattle: Internal Movement Flow Matrix: FY13

SALEYARD To ➡

From ➡	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	667	212	64	293	191	188	41	27	159	88	20	34	15	158	353	0	2,510
SA11	169	212	126	226	125	166	17	2	63	28	0	36	0	117	198	0	1,485
SA12	117	145	553	514	319	471	89	2	153	118	8	0	0	109	622	28	3,248
SA13	77	109	88	402	295	209	66	71	103	56	8	9	0	41	332	0	1,866
SA14	85	126	277	384	485	237	51	6	107	79	39	0	0	187	464	0	2,527
SA15	175	158	125	308	170	245	183	28	202	78	28	84	18	80	525	0	2,407
SA16	227	98	49	157	40	135	293	105	123	128	80	109	6	92	387	0	2,029
SA17	0	21	2	46	32	125	32	162	222	105	41	226	66	85	306	0	1,471
SA18	331	167	7	65	147	585	213	326	792	528	43	572	131	319	852	0	5,078
SA20	350	144	311	254	501	491	236	77	389	184	125	227	58	177	527	0	4,051
SA21	107	181	52	107	21	332	265	116	275	171	71	180	109	264	461	0	2,712
SA22	0	39	125	54	76	94	94	117	134	152	77	168	32	135	237	0	1,534
SA23	1	46	119	44	62	121	85	152	323	264	69	228	354	195	361	0	2,424
SA24	73	49	132	124	79	135	53	164	318	255	136	270	63	187	484	0	2,522
SA25	17	7	0	13	25	76	46	66	121	96	10	270	63	162	525	60	1,557
SA28	1	2	28	0	12	1	9	17	14	2	0	1	4	34	72	0	197
Total	2,397	1,716	2,058	2,991	2,580	3,611	1,773	1,438	3,498	2,332	755	2,414	919	2,342	6,706	88	37,618
Net	-113	231	-1,190	1,125	53	1,204	-256	-33	-1,580	-1,719	-1,957	880	-1,505	-180	5,149	-109	0

Store Cattle: Internal Movement Flow Matrix: FY14

DIRECT To ➡

From ➡	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	428	38	3	73	24	176	118	38	91	237	169	1	58	0	896	0	2,350
SA11	231	1,362	91	65	40	69	95	27	52	131	0	0	17	1	111	0	2,292
SA12	19	271	608	105	234	35	0	0	324	0	8	0	0	0	109	0	1,713
SA13	40	28	74	302	123	53	0	45	67	0	0	1	0	3	110	0	846
SA14	38	44	229	278	865	40	57	12	114	8	0	3	0	0	459	0	2,147
SA15	31	77	76	4	62	76	501	0	174	69	78	3	85	0	228	0	1,464
SA16	37	0	0	105	15	37	966	0	459	202	0	73	0	16	212	0	2,122
SA17	3	6	6	1	74	28	40	99	51	321	63	12	6	0	135	0	845
SA18	75	2	93	6	516	54	305	709	1,612	620	126	76	10	105	916	2	5,227
SA20	129	94	1	36	36	110	70	641	454	3,104	382	9	107	13	2,523	2	7,711
SA21	41	200	0	117	1	65	207	162	448	641	940	148	944	92	2,403	11	6,420
SA22	116	3	23	24	60	119	166	4	64	161	96	344	631	65	455	0	2,331
SA23	157	0	4	32	1	259	104	43	534	585	134	714	519	470	1,841	48	5,445
SA24	2	37	0	4	0	100	583	101	95	1	173	282	325	934	1,318	1	3,956
SA25	10	17	23	367	0	7	50	19	700	62	192	149	195	246	8,473	547	11,057
SA28	0	0	0	1	0	0	0	0	0	0	19	0	20	11	380	0	431
Total	1,357	2,179	1,231	1,520	2,051	1,228	3,262	1,900	5,239	6,142	2,380	1,815	2,917	1,956	20,569	611	56,357
Net	-993	-113	-482	674	-96	-236	1,140	1,055	12	-1,569	-4,040	-516	-2,528	-2,000	9,512	180	0

Store Cattle: Internal Movement Flow Matrix: FY14

SALEYARD To ↻

From ↻	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	671	225	49	220	280	208	144	4	192	19	25	90	76	214	409	0	2,826
SA11	234	122	69	222	165	229	22	15	148	39	23	2	65	177	259	0	1,791
SA12	113	227	435	531	467	560	65	0	107	93	9	0	90	91	351	0	3,139
SA13	34	94	214	380	417	160	41	42	100	86	45	35	16	43	267	0	1,974
SA14	127	178	284	319	457	232	123	0	124	28	27	25	8	101	275	0	2,308
SA15	238	142	207	317	333	384	149	44	171	68	94	118	49	110	391	0	2,815
SA16	211	91	91	170	152	427	145	75	141	471	107	181	36	73	314	0	2,685
SA17	16	9	11	12	48	120	213	253	178	93	55	222	3	210	788	0	2,231
SA18	466	147	68	338	482	572	318	255	539	678	109	507	54	226	1,331	0	6,090
SA20	293	197	251	473	371	355	228	195	428	373	183	308	72	215	674	0	4,616
SA21	118	206	248	242	352	363	164	277	184	233	95	212	89	109	404	0	3,296
SA22	83	28	49	26	98	155	153	222	421	147	66	254	61	134	263	0	2,160
SA23	66	53	37	102	87	111	91	177	179	155	51	250	110	163	273	0	1,905
SA24	17	179	77	211	142	160	99	288	246	197	74	391	107	138	402	27	2,755
SA25	91	134	36	103	272	141	101	195	143	318	15	382	155	313	738	22	3,159
SA28	0	9	12	23	11	1	0	15	1	7	23	18	8	3	113	11	255
Total	2,778	2,041	2,138	3,689	4,134	4,178	2,056	2,057	3,302	3,005	1,001	2,995	999	2,320	7,252	60	44,005
Net	-48	250	-1,001	1,715	1,826	1,363	-629	-174	-2,788	-1,611	-2,295	835	-906	-435	4,093	-195	0

Store Cattle: Internal Movement Flow Matrix: FY15

DIRECT To ↻

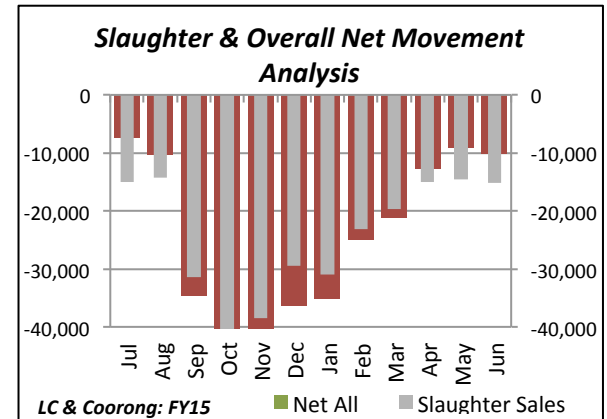
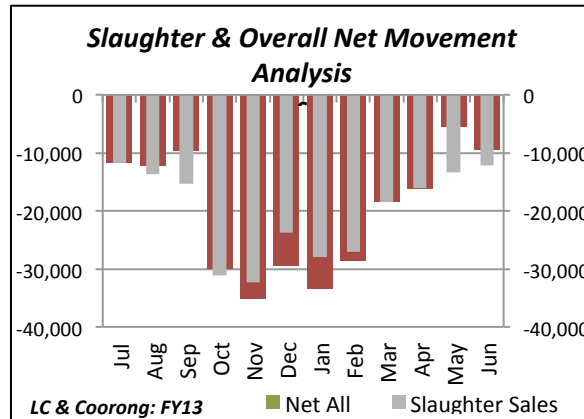
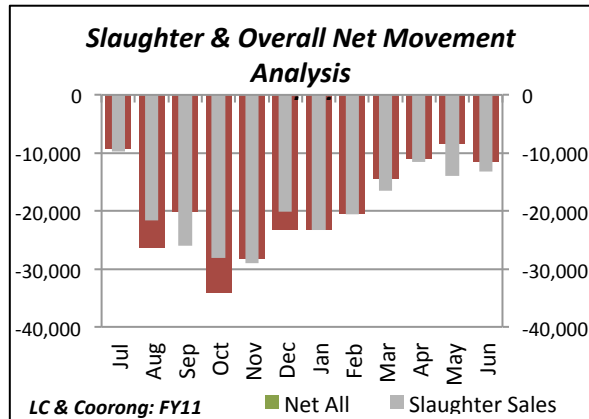
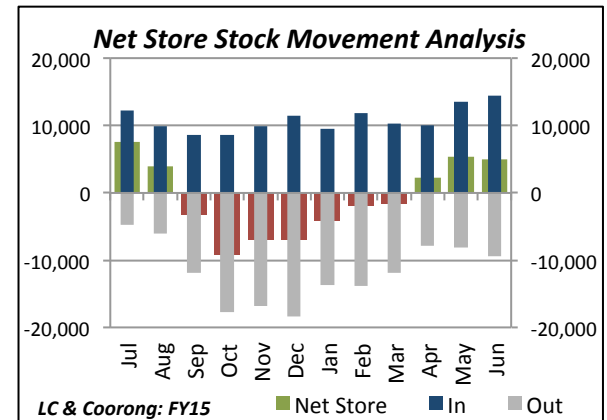
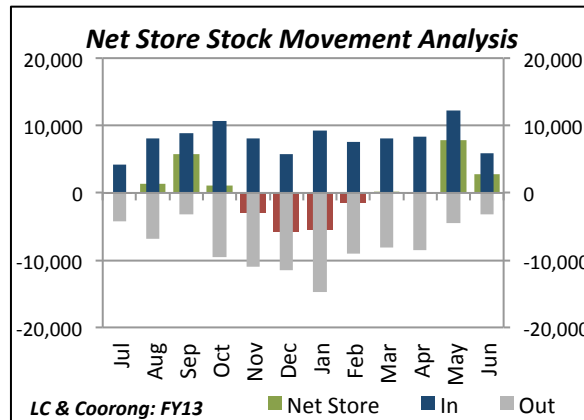
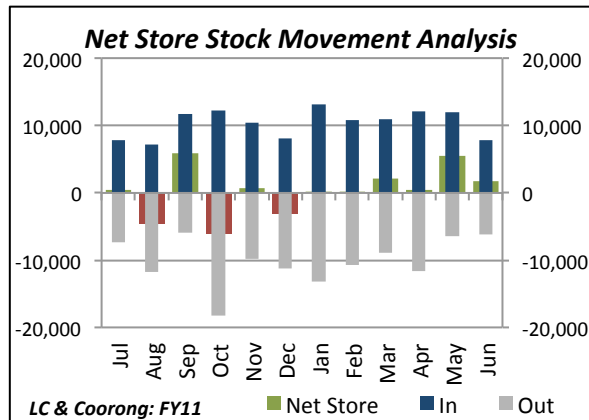
From ↻	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	353	19	7	13	50	112	134	36	178	551	38	0	65	0	1,339	0	2,895
SA11	29	521	70	3	126	310	1	40	45	0	0	0	0	18	173	0	1,336
SA12	18	455	1,018	81	380	617	0	0	32	0	2	49	0	0	394	0	3,046
SA13	1	17	99	204	179	161	0	0	0	38	0	0	0	9	96	0	804
SA14	1	28	235	52	441	112	14	0	0	24	0	0	0	0	298	0	1,205
SA15	43	81	27	155	344	255	109	26	13	3	1	0	0	0	1,128	0	2,185
SA16	156	0	51	21	5	164	1,603	121	260	60	3	962	2	0	488	0	3,896
SA17	3	0	0	135	25	207	30	39	176	401	6	0	0	4	283	58	1,367
SA18	93	201	124	95	127	71	2,361	182	971	793	397	242	3	143	803	1	6,607
SA20	377	66	2	59	6	49	156	445	282	2,885	758	17	247	44	4,180	0	9,573
SA21	394	0	0	50	1	1	180	128	105	1,879	600	19	72	260	3,203	59	6,951
SA22	134	2	0	400	37	5	69	292	378	405	17	1,834	2,026	781	724	0	7,104
SA23	254	9	5	60	23	63	360	247	220	106	540	1,450	824	581	2,243	7	6,992
SA24	8	137	1	5	1	3	95	190	360	253	177	87	228	510	902	4	2,961
SA25	35	5	773	189	2	17	0	22	56	156	152	3	195	167	6,004	2	7,778
SA28	0	0	0	6	0	0	1	0	0	0	0	0	0	0	222	15	244
Total	1,899	1,541	2,412	1,528	1,747	2,147	5,113	1,768	3,076	7,554	2,691	4,663	3,662	2,517	22,480	146	64,944
Net	-996	205	-634	724	542	-38	1,217	401	-3,531	-2,019	-4,260	-2,441	-3,330	-444	14,702	-98	0

Store Cattle: Internal Movement Flow Matrix: FY15

SALEYARD To ➡

From ➡	SA10	SA11	SA12	SA13	SA14	SA15	SA16	SA17	SA18	SA20	SA21	SA22	SA23	SA24	SA25	SA28	Total
SA10	493	135	40	296	121	288	72	33	131	117	78	43	4	127	249	0	2,227
SA11	195	73	45	132	155	152	31	60	35	85	10	22	1	65	164	0	1,225
SA12	96	142	395	243	318	305	122	132	77	68	57	1	61	65	375	0	2,457
SA13	62	115	139	225	217	214	83	3	93	58	32	3	27	66	118	0	1,455
SA14	118	193	241	272	287	246	76	50	87	96	134	5	21	21	371	0	2,218
SA15	289	90	90	181	116	357	166	45	138	114	29	18	24	127	402	0	2,186
SA16	101	139	166	179	197	145	242	82	260	242	97	118	47	156	426	0	2,597
SA17	102	23	0	53	72	78	161	137	197	113	79	275	2	139	69	0	1,500
SA18	153	77	87	139	109	327	304	281	449	332	159	376	107	142	699	0	3,741
SA20	211	178	134	231	207	244	241	90	342	226	91	266	85	58	385	0	2,989
SA21	54	57	139	165	134	226	117	149	177	193	172	149	12	47	171	20	1,982
SA22	87	12	13	73	129	67	101	114	295	161	49	318	110	110	288	0	1,927
SA23	80	16	26	100	54	0	61	139	236	142	41	275	102	83	184	6	1,545
SA24	56	8	20	43	48	94	88	139	313	282	110	389	150	54	228	10	2,032
SA25	30	17	32	30	37	86	96	58	236	99	51	348	82	115	222	12	1,551
SA28	1	0	20	6	0	0	24	1	0	12	14	2	5	2	91	10	188
Total	2,128	1,275	1,587	2,368	2,201	2,829	1,985	1,513	3,066	2,340	1,203	2,608	840	1,377	4,442	58	31,820
Net	-99	50	-870	913	-17	643	-612	13	-675	-649	-779	681	-705	-655	2,891	-130	0

Example of Annual Stock Movement Charts: Cattle



Example provided to show how the 5 year average masks individual years. The analysis can also get down to individual zone or property to understand what is happening to production capacity