

# INTERPRETING THE EASTERN YOUNG CATTLE INDICATOR (EYCI) DAILY SUMMARY REPORT

The Daily EYCI Summary 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 terms and calculations used in the EYCI Summary Report.

## 1. Eastern Young Cattle Indicator

Eastern Young Cattle Indicator					
	Today	Change Since			
		Yesterday	Last Week	Last Month	Last Year
EYCI (c/kg dw)	298.75	- 0.25	- 2.25	- 13.75	+ 22.5
Head <sup>a</sup>	7939	- 9	+ 2883	+ 1484	+ 163

Columns compare today's EYCI value with historical values

Number of cattle in the EYCI

Today's EYCI value

Average price for cattle in the EYCI sold at that sale. The price of each pen is weighted by the number of head in the pen. Also called the weighted average price (more detail in Appendix)

## 2. Saleyard Contribution

Table includes information on individual sales held today

### Sales Held Today

Number of cattle in the EYCI sold at that sale

Contribution of the sale to today's EYCI value. Incorporates number of head and weighted average price (See Appendix for calculation methodology)

		Today	Change Since		
			Last Week	Last Month	Last Year
COONAMBLE	Price (c/kg dw)	ns	ns	ns	- 259.47
	Head <sup>b</sup>	ns	ns	ns	- 93
	Contribution <sup>c</sup>	ns	ns	ns	- 1.12 %
FINLEY	Price (c/kg dw)	311.03	ns	- 25.81	- 7.64
	Head	74	ns	- 19	- 59
	Contribution	0.97 %	ns	- 0.58 %	- 1.00 %
KORUMBURRA	Price (c/kg dw)	302.70	- 12.89	- 42.03	- 13.35
	Head	45	- 83	- 102	- 148
	Contribution	0.57 %	- 2.08 %	- 1.94 %	- 2.27 %
<b>DAILY TOTAL<sup>d</sup></b>		<b>Price (c/kg dw)</b>	<b>307.88</b>		
		<b>Head</b>	<b>119</b>		
		<b>Contribution</b>	<b>1.54%</b>		

Includes data for all cattle sold today

Columns compare today's value with historical values

### Notes:

- Where a sale has not been held Today, 'ns' will be recorded in the table.
- Where a sale has been held Today but there were no EYCI cattle, 'nq' will be recorded in the table.
- Where 'ns' or 'nq' appears for Today's value, 'nq' will be displayed in the 'Change Since' columns.
- Only data from sales held today are included in this table.

Table provides ranking of all saleyards in today's EYCI on the basis of their contribution to today's EYCI value. Provides a complete snapshot of today's EYCI

**Saleyard Ranking**

Rank	Sale	Contribution
1 (1)*	WAG	8.88 %
2 (2)	SCO	8.03 %
3 (3)	DAL	7.49 %
4 (4)	TOO	7.49 %
5 (5)	INV	7.21 %
6 (6)	WOD	6.68 %
7 (7)	TAM	5.92 %
8 (8)	GUN	5.86 %
9 (9)	DUB **	4.82 %
10 (10)	FOR	4.69 %
11 (11)	ARM	4.38 %
12 (12)	BAT	3.70 %
13 (13)	SIN	3.48 %
14 (14)	WAR	3.37 %
15 (15)	CAS	3.32 %
16 (16)	PAK	3.05 %
17 (17)	OAK	2.26 %
18 (18)	SHE	1.88 %
19 (19)	WBL	1.77 %
20 (21)	TOF	1.60 %
21 (22)	BAL	1.25 %
22 (23)	BAR	1.16 %
23 (26)	FIN	0.97 %
24 (20)	KOR	0.57 %
25 (24)	CAM	0.13 %
26 (25)	COO	0.00 %

Today's rank

Rank for previous business day

Saleyard Code (download a list of sales and their codes at end of each Summary Report)

Note:

- Dubbo Monday and Dubbo Thursday sales are shown as an aggregate figure in this table.

3. Cattle Type Contribution

Table includes data from all cattle in today's EYCI, categorised by cattle type

Average price for cattle type in today's EYCI. The price of each pen is weighted by the number of head in the pen. Also called the weighted average price (See Appendix for calculation methodology)

Number of cattle of this type in today's EYCI

Cattle type contribution to today's EYCI value (more detail in Appendix)

**Cattle Type Contribution**

		Today	Change Since		
			Yesterday	Last Month	Last Year
VEALER HEIFERS	Price (c/kg dw)	285.81	- 1.02	- 18.07	+ 12.17
	Head <sup>h</sup>	1427	- 25	+ 19	- 102
	Contribution	17.2 %	- 0.33 %	- 4.02 %	- 2.28 %
VEALER STEERS	Price (c/kg dw)	313.24	+ 0.13	- 11.44	+ 21.37
	Head	1269	+ 2	- 61	- 350
	Contribution	16.76 %	+ 0.07 %	- 4.65 %	- 5.24 %
YEARLING HEIFERS	Price (c/kg dw)	286.03	- 0.12	- 12.66	+ 24.43
	Head	2523	+ 2	+ 826	+ 488
	Contribution	30.43 %	+ 0.07 %	+ 5.3 %	+ 5.64 %
YEARLING STEERS	Price (c/kg dw)	310.57	+ 0.02	- 11.7	+ 30.75
	Head	2720	+ 12	+ 700	+ 127
	Contribution	35.62 %	+ 0.23 %	+ 3.34 %	+ 1.84 %
<b>TOTAL</b>	<b>Price (c/kg dw)</b>	<b>298.75</b>			
	<b>Head</b>	<b>7939</b>			
	<b>Contribution</b>	<b>100. %</b>			

Includes data for all cattle in today's EYCI

## CALCULATION METHODOLOGY

### 1. EYCI

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. Visit [www.eyci.com.au](http://www.eyci.com.au) for more information on the EYCI.

To calculate the EYCI:

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

$$cwt\ price = lwt\ price / dressing\ \%$$

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

- b. Calculate Pen Value:

$$Pen\ Value = cwt\ price \times head\ in\ pen$$

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

### 2. Price

The price (or weighted average price) for a specific saleyard or cattle type is calculated in the same way as the EYCI.

- a. Calculate the carcass weight price for each pen in the saleyard or cattle type:

$$cwt\ price = lwt\ price / dressing\ \%$$

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

- b. Calculate Pen Value:

$$Pen\ Value = cwt\ price \times head\ in\ pen$$

- c.  $Price = \frac{\text{Sum of all pen values for cattle in the saleyard or cattle type}}{\text{Total head in the saleyard or cattle type}}$

### 3. Contribution

Calculated using the following equation, 'Contribution' incorporates the number of head and the average price for a particular variable. Therefore, the contribution will vary as the price and/or number of head changes.

$$Contribution = [(Price_{variable} \times Head_{variable}) / (EYCI\ value \times Head\ in\ EYCI)] * 100$$

For more information on the EYCI:

Contact MLA's National Livestock Reporting Service on (02) 9463 9372 or email [nlrs@mla.com.au](mailto:nlrs@mla.com.au) Alternatively, visit [www.eyci.com.au](http://www.eyci.com.au) and download the brochure on the Eastern Young Cattle Indicator.

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