

1. Summary Data

Report calculates how much liveweight was produced in the herd in 2021. It then breaks this figure down into KPI's which are detailed in section 2 below. All weights are liveweights.

A. Total Beef Output (kg)

Sales - Purchases +/- Inventory Change 2021. **25,431**

B. Total Livestock Units (LU)

Average livestock units in the herd 2021. **56.9**

C. Total Hectares (Ha)

Total hectares available to the cattle enterprise 2021. **20**

2. Key Performance Indicators (KPI's)

A. Beef Output per Livestock Unit

Total beef output (25,431) / Total livestock units (56.9)

Your Herd **447 kg**

National Average **316 kg**

B. Beef Output per Hectare

Total beef output (25,431) / Total Hectares (20)

Your Herd **1272 kg**

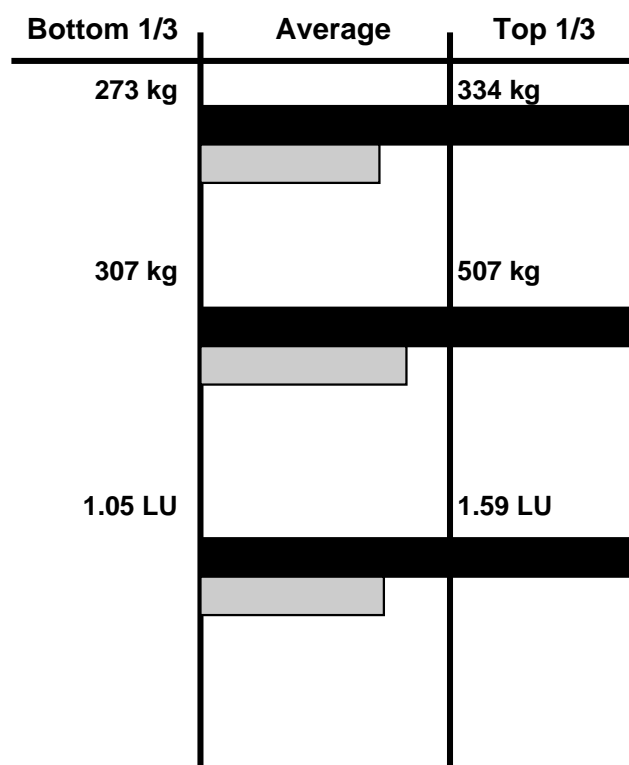
National Average **469 kg**

C. Stocking Rate per Hectare

Total Livestock units (56.9) / Total Hectares (20)

Your Herd **2.85 LU**

National Average **1.44 LU**



Targets

Production System	Beef Output per LU (kg)
Suckler to Weanling/Store	300/345
Suckler to Beef	360
Weanling to Beef	485
Store to Beef	345
Calf to Store	500
Calf to Beef	500

3. Sales

This section gives a breakdown of the stock which was sold from the herd in 2021.

Animal Type	Number of Animals	Avg. Weight (kg)	Total Liveweight Sold (kg)*
Suckler Cows	8	805	6,440
Stock Bulls	1	733	733
0-6 Months Male	0	0	0
0-6 Months Female	0	0	0
6-12 Months Male	0	0	0
6-12 Months Female	2	367	733
1-2 Yrs Male	28	713	19,960
1-2 Yrs Female	4	624	2,495
2+ Yrs Male	4	738	2,950
2+ Yrs Female	0	0	0
Total Sales	47		33,311

4. Purchases

This section gives a breakdown of the stock which was purchased into the herd in 2021.

Animal Type	Number of Animals	Avg. Weight (kg)	Total Liveweight Purchased (kg)*
Suckler Cows	4	686	2,743
Stock Bulls	0	0	0
0-6 Months Male	0	0	0
0-6 Months Female	0	0	0
6-12 Months Male	13	388	5,050
6-12 Months Female	2	378	755
1-2 Yrs Male	1	440	440
1-2 Yrs Female	1	514	514
2+ Yrs Male	0	0	0
2+ Yrs Female	2	634	1,268
Total Purchases	23		10,770

*The liveweight data in the sales and purchases sections is collected by the following methods:

- 1. Mart data:** Most marts send ICBF files with sale weights and prices.
- 2. Slaughter data:** Most factories send ICBF files with carcass grades and weights. Liveweights are then estimated from the carcass weights.
- 3. Farmer recorded weights :** Weights can be recorded manually prior to generating this report for animals which are missing purchase /sale weights or slaughter data.
- 4. Estimated Weights:** Where no liveweight or slaughter data is present in the database for an animal, an estimated weight will be assigned based on the age, sex and breed.

5. Inventory Change**

	Liveweight (kg)
A. Opening Stock (01/01/2021)	
Total liveweight of all stock in the herd at the start of 2021	35,430
B. Closing Stock (31/12/2021)	
Total liveweight of all stock in the herd at the end of 2021	38,320
C. Inventory Change	+2,890
Closing Stock - Opening Stock = Inventory Change	

Breakdown of Inventory Change

Animal Type	Animal Numbers			Weights	
	1st Jan	31st Dec	Difference	Avg. Weight (kg)	Total (kg)
Suckler Cows	26	30	+4	600	+2,400
Stock Bulls	1	0	-1	800	-800
0-6 Months Male	5	1	-4	120	-480
0-6 Months Female	4	5	+1	120	+120
6-12 Months Male	15	26	+11	350	+3,850
6-12 Months Female	10	9	-1	300	-300
1-2 Yrs Male	7	0	-7	600	-4,200
1-2 Yrs Female	10	12	+2	550	+1,100
2+ Yrs Male	0	0	0	650	0
2+ Yrs Female	0	2	+2	600	+1,200
Total	78	85	+7		+2,890
Inventory Change			+7		+2,890

** Inventory Change Explained:

Inventory change is the difference in stock numbers in a herd, from the start of the year (1st Jan) to the end of the year (31st Dec).

Example:

A herd had an opening stock on 1st Jan of 30 1-2 year old males and a closing stock on 31st Dec of 35 1-2 year old males. The inventory change for 1-2 year old males is +5 as there were 5 more animals in the 1-2 year male category at the end of the year. To get the inventory change in kg of liveweight, you simply multiply the number of animals by the average liveweight for that category. See calculation below:

	1st Jan	31st Dec	Difference	Avg. Weight	Total (kg)
1-2 Yrs Male	30	35	+5	600	+3,000

If the herd had less liveweight at the end of the year, then the inventory change would be a negative figure.