

# Extracting Meaningful Data out of SAC-LRP Cattle - Basic



National Advice Hub  
T: 0300 323 0161  
E: advice@fas.scot  
W: www.fas.scot

SAC-LRP is an extremely versatile program. Many users keep only statutory records with some sale or purchase lines.

For example; births, deaths, movements, sale/ slaughter lines, purchase lines, and deaths.

The program allows very comprehensive information to be kept. As with all packages, the more accurate the information that is put in, the more meaningful is the information that can be extracted.

This short publication shows the location of reports that can be run to provide you with some meaningful information from your records to help make your business more efficient.

## What can we get out your Statutory Records?

### Reports Basics

All reports can be filtered in various ways. By type or individual animals (enter the last six digits of the animal number and press enter and / or by filters at the bottom of the grid for example Breed or Management Group.

Filter by: Mgt Group  Select all Breed  Select all Location  Select all Birth Year  Select all Source  Select all

TYPE OF ANIMALS  
**Type**  
 Bulls  
 Steers  
 Cows  
 Heifers  
 Breeding  
 Non-Breeding  
**Tag Search**  
 By MgtTag  
 Select All

All reports can also be exported to excel, PDF, word or text files that can the data can then be manipulated as required.



Many reports can have the animals exported to Management Groups to ease management.

[Click here to add the animals in this report to a management group](#)

### Comments Reports - Comments

The comments section is free text and can be ranked in importance by colour and searched. A very powerful tool just like a diary. Useful as anyone viewing the records can see them.

Tag Number	Mgt. Tag	Date of Event	Comment
UK541387	301507	16/02/2018	Jumped fence may have been caught by neighbours bull
UK542872	701604	11/03/2020	Bit lame

For more information on Records and Business Efficiency go to [www.fas.scot](http://www.fas.scot)



Scottish Government  
Riaghaltas na h-Alba  
gov.scot



## Management Groups Reports - Management Groups

Tag number	Management Tag	Breed	Date of Birth	Age
<b>Management group Autumn 2017 calving cows</b>				
UK541410	200614	9B	05/09/2006	170m
UK541410	300685	G4	14/05/2008	150m
<b>Total in group:</b>				<b>2</b>
<b>Management group Spring Calves 2016</b>				
UK541410	100683	G11	26/04/2008	151m
UK541410	500715	A 15	26/03/2009	140m
UK541410	500722	E 10	25/05/2009	138m
UK541410	700724	A 14	28/06/2009	137m
UK541410	200726	E 9	29/06/2009	137m
<b>Total in group:</b>				<b>5</b>

Management groups are useful for subdividing the herd into smaller more manageable groups, stock can be treated, moved in their groups and this particular report prints the group(s) the animals are in.

All reports can be run for specific management groups or the whole herd.

## Calving Interval /Barren Reports – Calving Interval

UK526973 301204	H1	25/02/2019	370	UK523006 101801
UK527632 600411	M12	11/03/2019	748	UK523006 601813
UK540152 102920		16/03/2019	No previous calving	UK521622 109862
UK540191 201046		16/03/2019	No previous calving	UK540191 501266
UK540239 300065	M18	(31/10/2018)	Barren	

What we are seeing here is that H1 was bang on target at 370 days, M12 calved in March 2019 but had previously calved 748 days before.

No previous calving were first time calving heifers and M18 has been marked as barren as she hadn't had a calf since 31/10 2018 (within the last 12 months - report date was 15/11/2019).

This barren is not the same as marking the cow barren at scanning—see advanced publication.

**Target 90% of the herd < 370 days Barren <5%**

## Calving Reports – Cattle Calving

A calving report can be run for the calving period, if the date of 1st calving and the last calving is taken, the spread of calving can be calculated. 10/04/2020 to 04/07/2020 – 85 days (12 weeks)

Calf Tag	Date of Birth	Calf Sex	Days Gestation	Birth Weight	Dam Tag	Dam Mgt. Tag
UK500366 202484	10/04/2019	Heifer		50	UK500366 801834	B4.837
UK500366 402486	12/04/2019	Steer		50	UK500366 701849	B4.843
UK500366 702594	03/07/2019	Steer		50	UK500366 101923	B6.695
UK500366 102595	04/07/2019	Steer		50	UK500247 400981	B2.599

1st 21 days 35%, 42 days 71%, 29% > 42 days

**Target 1st 21 days 65%, 42 days 90%, 10% > 42 days**

## Age Profile

Reports – Cattle - Stock Totals (details) sort - ascending date of birth

### Cattle Stock on 03/12/2020

Tag Number	Management Tag	Breed	Sex And Age Range	Date of Birth	Age On Farm Date
UK 9 483529 1799 4		Limousin	Cow (over 24 months)	31/05/2003	17y 6m 14/07/2003
UK540275 300186		Limousin X	Cow (over 24 months)	10/04/2005	15y 7m 10/04/2005
UK540275 501406		Simmental X	Cow (over 24 months)	01/05/2017	3y 7m 01/05/2017
UK540275 701415		Simmental X	Cow (over 24 months)	13/06/2017	3y 5m 13/06/2017
UK540275 401433		Aberdeen Angus X	Cow (over 24 months)	26/10/2017	3y 1m 26/10/2017

This gives an indication of the age of the herd.

## Age at First Calving

Reports – Cattle - History

1st Calving heifers have to be added to a management report

Once calved run the report Report—Cattle—History

UK500366 201910 B9.749

Date of Event Description

26/04/2016 born  
17/05/2019 calved (stillborn or aborted)

Current Sex

Heifer  
Cow

The report can be exported to excel.

The age at first calving can be calculated in this case 36-37 months and 24-25 months respectively.

UK500366 202274 B9.731

Date of Event Description

22/04/2017 born  
18/05/2019 calved

Current Sex

Heifer  
Cow

**Target 24 months**

## Replacement Rate

Reports – Management Groups for 1st Calving Heifers

Management group	In Calf heifers	Created on:	04/12/2020
UK500366	201910 B9.749	Aberdeen Angus X	26/04/2016 55m
UK500366	402178 B9.747	Beef Shorthorn X	18/04/2016 55m
UK500366	602180 B8.727	Beef Shorthorn X	18/04/2016 55m
UK500366	102217 B9.745	Beef Shorthorn X	05/05/2016 54m
UK500366	202274 B9.731	Beef Shorthorn X	22/04/2017 43m
UK500366	502277 B9.752	Beef Shorthorn X	25/04/2017 43m
UK500366	402290 B9.740	Beef Shorthorn X	29/04/2017 43m
UK500366	702335 B9.743	Beef Shorthorn X	13/05/2017 42m
<b>Total in group:</b>		<b>8</b>	

Total animals: 8

Divide the result by the breeding herd number **Target < 15%**

## Losses Reports - Losses

This gives deaths and missing stock but can be filtered by Death Reason. This allows the analysis of deaths. It can be over a period of time and therefore annual losses can be analysed. Both Dams and Sires can be shown.

Death Reason Selection

Filter on Death Reason

- Broken Shoulder
- Haematoma
- Respiratory
- Unknown
- Wooden Tongue

Tag Number	Mgt. Tag	Birth	Breed	Sex	Missing on	Died on	Cause of Death	Carcass Location
UK582338 402119		30/04/2018	Limousin X	Steer		16/01/2019	Wooden Tongue	NFSCo
Dam's Tag UK580518 102102		Sire's Tag Unknown						

Total animals: 1

Can be filtered by the Type to find the deaths in cows.

**Target mortality in Cows < 2%**

**Calf mortality < 3%**

**Type**

- Bulls
- Steers
- Cows
- Heifers
- Breeding
- Non-Brd'ing

## Cows Not Calved Reports – Cattle - Cattle Not Calved

The report will flag up Females that have not calved in a user defined period, it can be filtered by females to bull or all females and can be grouped by sire or dam.

### Cows Not Calved Report, within date range from 01/12/2019 to 03/12/2020

Herd Id	Mgt Tag	Date of Birth	Sex	Breed	Dam	Sire	Location
UK541358	500681	22/01/2015	Cow	Simmental X	UK541358 400428		At grasskeep
UK541358	400757	22/10/2016	Cow	Aberdeen Angus X	UK541358 500618		On-farm

## Calves Sold Reports - Movements/Locations

View animal locations on the specified date  
 View movements 'to' between specified dates  
 View movements 'from' between specified dates  
 Start date: 01/01/2020  
 End date: 03/12/2020

Select locations from the list below to see

- Holdings (click here to select all)
- Markets (click here to select all)
  - A & J Wilson & Co
  - Caledonian Marts
  - UA
- Abattoirs (click here to select all)
  - Douglas Braes
  - Sandyford
  - Scotbeef Ltd

Select View Movements to between specified dates.

Enter the dates, select markets and slaughter houses, run report.

The numbers can then be divided by the cows to the bull. **Target >94%**

Tag number	Management Tag	Breed	Date moved	Location	Moved To
UK542872 401573		Charolais X	04/03/2020	Market - UA	(from on-farm)
<b>Total animals: 91</b>					

## Daily Liveweight Gain Reports – Weight Gain

If just statutory information and sale/ slaughter line entered, provided a birth or purchase weight is entered a lifetime liveweight gain can be reported.

Tag Number	Management Tag	Sex	Age	Start Date	End Date	Start Wgt	End Wgt	DLWG
UK542872 101556		Heifer	9m	10/05/2019	04/03/2020	30.00	418.00	1.297
UK542872 301558		Heifer	9m	14/05/2019	04/03/2020	30.00	401.00	1.257
UK542872 501560		Heifer	9m	15/05/2019	04/03/2020	30.00	401.00	1.261
UK542872 601561		Heifer	9m	16/05/2019	04/03/2020	30.00	374.00	1.174

## Slaughtered Animals Reports – Slaughter (Beef Output Report)

The report can be filtered by various metrics. If liveweight is recorded then KO% is produced

Tag Number	Slaughter Date	Sex	Age	DLWG	Days On Farm	Live Weight	Dead Weight	Killing %	Grade	Net Purchase Price	Net Slaughter Price	Net Slaughter Pence per Kg
UK542872 501532	01/11/2020	Heifer		0.93	567	560.00	285.00	51	R4L	£936.00		328
UK542872 401531	01/11/2020	Heifer		0.88	569	520.00	240.00	46	-O2	£846.00		353
UK542872 301530	01/11/2020	Heifer		0.96	570	575.00	280.00	49	R4L	£906.00		324
UK542872 201529	01/11/2020	Heifer		0.96	570	580.00	275.00	47	-U4L	£916.00		333
UK542872 701527	01/11/2020	Heifer		0.91	571	550.00	260.00	47	R4L	£896.00		345
<b>Total animals: 5</b>				<b>Averages :</b>		<b>0.93</b>	<b>569</b>	<b>557.00</b>	<b>268.00</b>	<b>48</b>	<b>£900.00</b>	<b>336</b>
				<b>Totals :</b>			<b>2,785.00</b>			<b>£4,500.00</b>		
												<b>1,340.00</b>

**Target KO% 50 Dairy Beef , 60% Suckler Beef**

## Grade Reports – Grade

This can be filtered by Dam, Sire, Breed, Grade. If recorded then the Sire / Dams could be found of the 5L's or fat class 2 or any extreme grades

Dam: breed: Unknown Sire: breed: Unknown

	1	2	3	4L	4H	5L	5H
E					1		
Avg Price / Avg					£759.05 / 374		
U+		1	1	7	2		
Avg Price / Avg		£1,365.97 / 594	£1,398.00 / 373	£1,096.22 / 420	£995.10 / 381		
-U		1	32	88	29		
Avg Price / Avg		£1,448.82 / 394	£1,287.66 / 388	£1,219.30 / 350	£1,222.59 / 353		
R		2	22	275	182	11	
Avg Price / Avg		£1,141.91 / 372	£1,223.84 / 355	£1,106.65 / 353	£2,183.95 / 324	£912.09 / 333	
O+			2	21	18	1	
Avg Price / Avg			£857.88 / 351	£859.24 / 328	£819.93 / 328	£832.40 / 316	
-O				1			
Avg Price / Avg				£783.38 / 307			
P+							
Avg Price / Avg							
-P							
Avg Price / Avg							

Can show the results grouped by breed, dam, sire.

Sire Tag: UK542879 100184

Breed: Unknown

Purchased from: Home-bred

UK541368 400224	UK541368 800751	336.0	R4H	£1,271.21	671	£3.78	
UK541368 100354	UK541368 400749	316.0	R4H	£1,194.86	675	£3.78	
Number of animals:	2	Averages :		326.0	£1,233.04	673	£3.78

## Cattle Performance Report Reports – Cattle—Performance Report

This can be grouped by Dam or Sire in this case by dam.

Here we can compare performance against two different bulls.

### Performance Report by Dam

Dam Tag: UK524232 100354

Sire Tag: UK522798 201211

Tag Number	Mgmt Tag No	Date of Birth/Purchase	Weight	Weaned Date	Sale/Slaughter Date	Weight	Daily Live Weight Gain			Margin (Day)
							Birth/Purchase Weaning	Birth/Purchase Sale/Slaughter	Weaning Sale/Slaughter	
UK524252 100744	00744	19/04/2014	40.00		27/03/2015	346.00		0.89	£2.28	
UK524252 700778	00778	25/03/2015	40.00		25/03/2016	398.00		0.98	£2.77	
UK524252 400838	00838	04/05/2016	40.00		31/03/2017	372.00		1.00	£2.60	

Total for Sire Tag UK522798 201211: 3

Sire Tag: UK522798 700831

Tag Number	Mgmt Tag No	Date of Birth/Purchase	Weight	Weaned Date	Sale/Slaughter Date	Weight	Daily Live Weight Gain			Margin (Day)
							Birth/Purchase Weaning	Birth/Purchase Sale/Slaughter	Weaning Sale/Slaughter	
UK524252 200661	00661	20/03/2011	50.00		29/03/2013	358.00		0.87	£2.09	
UK524252 200703	00703	30/03/2012	40.00		28/03/2014	340.00		0.89	£2.76	

Total for Sire Tag UK522798 700831: 2

## Benchmarking

Benchmarking is a very powerful tool where the results of your business can be compared to a range of data from other similar businesses

### Information can be found at:

- [www.fas.scot](http://www.fas.scot)
- [www.qmscotland.co.uk](http://www.qmscotland.co.uk)
- <https://ahdb.org.uk/tools>

Extracting information from Records is rewarding and time well spent even with basic information. It gives insight into the efficiency of the business, where problems lie and where performance needs to be improved.

SMART targets (Specific, Measurable, Achievable, Realistic and Timebound) can be set and monitored. Thus helping improve business profitability and sustainability year on year