Extracting Meaningful Data out of Cattledata Cattle - Basic

Cattledata by Farmdata 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

Other than a set of statutory and basic reports, other reports have to be created through Selective Reports here they can be edited, or deleted.

It is extremely useful to be able to tailor the report you want.

All reports can be exported to different formats

The report can also be text searched using

Reports can be filtered by dates or criteria in the lower and upper boxes and ranked by entering 1,2,3 etc in the field you wish to rank the report by.

Heading	Len	Lower	Upper	Incl	Rank
Ear Number	10			☐	
Date of Birth	8			☐	
Age in days	6			☐	
Days On Farm	7			☐	
Sex	3			☐	
Breed	20			☐	
Colour	20			☐	
Official Tag	20			☐	
Electronic Tag	20			☐	
Name	30			☐	
Comment	30			☐	
Alert	20			☐	
Sire	10			☐	
Sire Tag	20			☐	
Sire Breed	20			☐	
Dam	10			☐	

Comments

These can be entered in many animal screens and can be retrieved through selective reports

Select the following options in order

Official Tag - Ear Number

Date of Birth—Comment (Rank 1)

Title: Comments

Heading	Len	Lower	Upper	Incl	Rank
Ear Number	10			☑	
Date of Birth	8			☑	
Official Tag	20			☑	
Comment	30			☑	1

Comments Report—continued

Comments

Official Tag	Ear Number	Date of Birth	Comment
UK543058600526	00526	23/04/15	Lame in hind leg
UK543058400356	00356	08/11/11	One eye
UK543058600029	00029	18/09/05	Wild

The report can be searched for specific comments by text.

This allows comments to be searched for specific phrases or words.

Management Groups   Reports - Selective— New—Management Groups—Edit

Select in this order:

Official Tag—Ear Number—Date of Birth—Current Group and rank current group as 1. Select other if required.

Select Stock—Display

Management Groups

Official Tag	Ear Number	Date of Birth	Current Group
UK100934100800	00800	30/01/10	Autumn Calvers
UK202852400218	00218	07/10/07	Autumn Calvers
UK543058100213	00213	12/02/09	Autumn Calvers
UK543058500224	00224	29/03/09	Autumn Calvers
UK543058300250	00250	21/10/09	Autumn Calvers
UK543058200798	00498	24/09/10	Autumn Calvers
UK543058500301	00301	07/10/10	Autumn Calvers
UK543058600344	00344	11/07/11	Autumn Calvers
UK543058600358	00358	28/11/11	Autumn Calvers
UK543058700380	00380	15/04/12	Autumn Calvers
UK543058500413	00413	07/02/13	Autumn Calvers
UK560372600497	00497	25/06/10	Autumn Calvers
UK560372201287	00987	03/03/13	Autumn Calvers
UK541410100669	E5	26/01/08	Cows purchased March
UK541410500722	E10	25/05/09	Cows purchased March
UK541410600723	E7	27/06/09	Cows purchased March

Title:	Management Groups		Type:	Standard	Columns Used:	

Heading	Len	Lower	Upper	Incl	Rank
Ear Number	10			☑	
Date of Birth	8			☑	
Official Tag	20			☑	
Current Group	20			☑	1

Management Groups allow the herd to be broken down into more manageable groups .

Calving Interval   Reports - Selective— New—Calving Interval—Edit

Select in order the following:

Official Tag

Ear Number

Last Calved

Past Cal Int with the values

Last Calf's Metal Tags

Title:	Calving Interval		Type:	Standard	Columns Used:

	Heading	Len	Lower	Upper	Incl	Rank
▶	Ear Number	10			☑	
	Official Tag	20			☑	
	Last Calved	8			☑	
	Last Calfs Metal Tags	41			☑	
	Past Cal Int	7	370	1000	☑	

The report shows all cows with a calving interval greater than 370 days. This can flag up any animals with potential issues for further investigation.

Calving Interval

Official Tag	Ear Number	Last Calved	Past Cal Int	Last Calfs Metal Tags
UK543058600029	00029	02/04/16	510	UK543058500560
UK543058500063	00063	14/03/16	754	UK543058700576
UK543058300089	00089	10/04/16	414	UK543058300579
UK585029700126	00126	07/04/16	400	UK543058400566
UK543058700128	00128	04/04/16	396	
UK543058500140	00140	02/04/16	403	UK543058400559

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

Calving Period

Reports - Selective— New—Calving Period—Edit

A calving report can be run for the caving period, if the date of 1st calving and the last calving is taken, the spread of calving can be calculated.

Select the following options in order:

Official Tag - Date of Birth

(select the dates for the calving period)

Sex — Breed

Gestation— Birth Weight

Dam Tag

	Title: Calving			Type: Standard	Columns Used:	
	Heading	Len	Lower	Upper	Incl	Rank
▶	Ear Number	10			☐	
	Date of Birth	8	01/02/16	30/04/16	☑	1
	Sex	3			☑	
	Breed	20			☑	
	Official Tag	20			☑	
	Dam	10			☑	
	Dam Tag	20			☑	
	Birth Weight	7			☑	
	Gestation	9			☑	

The report shows all the calves in this case the calving period is 16/02/2016—30/04/2016 a period of 74 days (10.5 weeks).

Calving

Official Tag	Date of Birth	Sex	Breed	Gestation	Birth Weight	Dam Tag	Dam
UK543058700548	16/02/16	M	Simmental X		35.00	UK544312400099	00099
UK543058100549	21/02/16	M	Simmental X		32.00	UK543058100367	00367
UK543058200550	21/02/16	F	Simmental X		33.00	UK543058100367	00367
UK543058500581	12/04/16	M	Simmental X		32.00	UK543058100423	00423
UK543058600582	14/04/16	M	Simmental X		44.00	UK543058100416	00416
UK543058200578	19/04/16	M	Simmental X		43.00	UK543058300145	00145
UK543058100584	30/04/16	B	Simmental X		36.00	UK543058400454	00454

This can be split to see the numbers relating to the target below.

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

Losses

Reports - Selective— New—Losses—Edit

Select in order the following:

Official Tag—Ear Number

Dam Tag—Sire Tag

Date of Birth—Sex

Date Sold—Cull Code

Sold To (select place)

Can sort by Dam or Sire by putting a 1 in Rank.

	Title: Losses			Type: Standard	Columns Used:	
	Heading	Len	Lower	Upper	Incl	Rank
▶	Ear Number	10			☑	
	Date of Birth	8			☑	
	Sex	3			☑	
	Official Tag	20			☑	
	Sire Tag	20			☑	
	Dam Tag	20			☑	
	Date Sold	8			☑	
	Sold To	20	FSS		☑	
	Cull Code	20			☑	

The Report show the number of animals that died in that period

Losses   11

Official Tag	Ear Number	Dam Tag	Sire Tag	Date of Birth	Sex	Date Sold	Cull Code	Sold To
UK543058500224	00224	UK S0090 00144		29/03/09	F	10/12/17	Dead	Fallen Stock
UK530214300350	00350			03/02/12	F	08/06/16	Dead	Fallen Stock
UK543058600379	00379	UK S0090 00347		15/04/12	F	09/10/18	Staggers	Fallen Stock

Target mortality in Cows < 2%

Age at First Calving

Reports - Selective— New—Age at First Calving—Edit

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

This report can then be used to help calculate the age at first calving.

Select in order the following:

Official Tag—Ear Number

Date of Birth—Last Calved

Group—select group

The report can be exported to excel.

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

Target 24 months

Age at first calving

Official Tag	Ear Number	Date of Birth	Last Calved
UK541840500910	215	04/10/16	02/10/18
UK541358700753	S7	19/10/16	15/11/18
UK541358400757	S1	22/10/16	19/10/18
UK541358500758	S10	22/10/16	15/11/18

Total Animals : 4

Replacement Rate

Run the report for the group for 1st Calving Heifers

Divide the result by the breeding herd number which can be found from the report.

Reports—Animals—Cows in Herd

Age at first calving

Official Tag	Ear Number	Date of Birth	Last Calved
UK541840500910	215	04/10/16	02/10/18
UK541358700753	S7	19/10/16	15/11/18
UK541358400757	S1	22/10/16	19/10/18
UK541358500758	S10	22/10/16	15/11/18

Total Animals : 4

Target < 15%

Age Profile

Reports - Selective— New—Calving Interval—Edit

Select in order the following:

Official Tag—Ear Number

Date of Birth—Age in days

Select Cows—Display

The report gives an age range in days.

This gives a guide to the age of the herd.

Age Profile

Official Tag	Ear Number	Date of Birth	Age in days
UK543058400454	00454	15/02/14	1000
UK543058500945	00945	19/11/13	1088
UK543058100444	00444	07/11/13	1100
UK543058600029	00029	18/09/05	4072
UK502664201481	01181	06/04/05	4237

Total Animals : 56
Averages :

2305

Barren
Reports—Selective Reports—Barren—Edit

An Alert—Barren can be added to Alerts through the Cows in Herd Screen.

Select in order the following:

Official Tag—Ear Number

Date of Birth—Breed

Alert—Select Barren

Select Cows—Display

Title:	Cows Not Calved			Type:	Standard ⌄	Columns Used:	
	Heading	Len	Lower	Upper		Incl	Rank
▶	Ear Number	10				☑	
	Date of Birth	8				☑	
	Breed	20				☑	
	Official Tag	20				☑	
▶	Alert	20	1			☑	

This report displays the number of cows that have been marked Barren. **Target < 5%**

Barren

Official Tag	Ear Number	Date of Birth	Breed	Alert
UK543058300250	00250	21/10/09	Limousin	Barren
UK543058200798	00498	24/09/10	Simmental X	Barren

Calves Reared
Management Reports - Stock Audit—Calves—Date Range

Births can be tracked under 6 months—6 months to 1 year

Subtract deaths and sales.

Divide calves reared by cows to the bull.

Target >94%

From: 01/01/2016 to 31/12/2016

Male	Start	Births Bought	Age In	Age Out	Transfers In	Transfers Out	Deaths	Sales	Net
Under 6 months	11	22		31			2		
6 months to 1 year	12		31	23					20

Female	Start	Births Bought	Age In	Age Out	Transfers In	Transfers Out	Deaths	Sales	Net
Under 6 months	8	14		22					
6 months to 1 year	15		22	21				2	14
1 year to 2	13		31	27				1	16

Bull	Start	Births Bought	Age In	Age Out	Transfers In	Transfers Out	Deaths	Sales	Net
Under 6 months		1		1					
6 months to 1 year			1						1
Grand Total	69	37	161	161			2	16	88

Daily Live Weight Gain
Management Reports – Live/ Dead Sales Return

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

Select dates and filter by animals or locations, provided a live weight is entered a KO% is given for the slaughtered animals.

Dead Sales Report

Ear Number	Born	Sold	Age	Live Weight	Dead Weight	Grad	Kill Out	DLWG kg/Day	Sale Price	Price / Kg	Sold To
Male											
00467	27/03/14	16/06/16	812	720.34	425.00	U4	59.0	0.83	1670.00	3.93	Scotch Premier Meat
UK543058300467											
00479	12/06/14	16/06/16	735	763.79	443.00	U4L	58.0	0.98	1727.70	3.90	Scotch Premier Meat
UK543058100479											
00481	01/09/14	30/04/16	607	571.43	320.00	U4	56.0	0.88	1120.00	3.50	Scotch Premier Meat
UK543058300481											
Totals / Averages:			3	718	685.19	396.00		57.8	0.89	1505.90	3.80

Live Sales Report

Ear Number	Born	Sold	Age	Weight	kg/Day	Price	/ Kg	Sold To
Female								
00076	08/07/06	15/10/15	3386	735.00	0.20	690.00	0.94	UA Stirling
UK54308100076A								
00156	14/01/08	15/10/15	2831	685.00	0.23	639.97	0.93	UA Stirling

Target KO% 50 Dairy Beef , 60% Suckler Beef

Grade   Reports - Selective— New—Age at First Calving—Edit

Select in order the following

Official Tag—Dam Tag

Sire Tag—Grade—DLWG

Date Moved—Date range

Title:	Grade			Type:	Standard		Columns Used:

Heading	Len	Lower	Upper	Incl	Rank
Official Tag	20			☑	
Sire Tag	20			☑	
Dam Tag	20			☑	
Date Moved	8	03/10/18	03/10/18	☐	
Grade	7			☑	1

The Report Shows the Grade and DLWG of animals sold if entered. The grades can then be compared and animals with poor grades / DLWG investigated.

Grade

Official Tag	Dam Tag	Sire Tag	Grade	DLWG
UK543058700506	UK543058300089		O3L	.42
UK543058300551	UK543058500945	UK560089400181	O3L	.64
UK543058200550	UK543058100367	UK560089400181	R3L	.71
UK543058400552	UK543058700345	UK560089400181	R3L	.72
UK543058700548	UK544312400099	UK560089400181	R4L	.64
UK543058100549	UK543058100367	UK560089400181	R4L	.71
UK543058500504	UK543058500063		U4L	.79

Cattle Performance Report   Animals—Cows—Detailed Cows in Herd

This can be grouped by Dam.

It can be filtered by group / location and date range.

Ear Number No Calved	Born Calf Sire	Genetic Sire Calving	Genetic Dam Score	Breed Calf Tags	Status Calfs Sex	Calfs Status	Sale Price	Dead Weight	Price / kg	Grade
00029	18/09/05			SMX	Served A/W PD					
UK543058600029										
1 09/11/14		1 Normal		00148	Female	On Farm				
2 02/04/16 00181		2 Assisted		00560	Male	Sold	1300.00	390.00	3.33	U4L
00367	26/02/12		00181	SMX	Served A/W PD					
UK543058100367										
1 21/02/16 00181		1 Normal		00549	Male	Sold	1150.00	360.00	3.19	R4L
				00550	Female	Sold	1150.00	350.00	3.29	R3L
						Averages	**1150.00**	**355.00**	**3.24**	

It shows the calf performance by Dam to be compared.

The report can also be run for cows that are no longer in the herd.

Animals—Cows—Detailed Ex-Herd Cows

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
- 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