

Attrition Y

A Tool to Analyze Historical Attrition Data & Review Full Value Pigs

Overview of Attrition Y

- Provides attrition opportunity for a population of pigs based on margin over feed cost
- Utilizes producer's feed costs, growth curves, live price, and cull pig price
- Takes attrition data over a 1 month time period
- Requires input of mortality data by week of death within tool to easily illustrate areas of opportunity
- Allows for optional cull data entry to identify areas of opportunity by weight categories

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User Inputs the following Data into Attrition Y

- Growth curve data
- Mortality by week data – monthly
- Culls by weight category – monthly
- Feed costs – monthly
- Live price – monthly
- Max-MOFC weight – monthly
- Cull price – monthly

Access to Attrition Y

- Web-based tool – secure Elanco website
- Account Team will have login and password
- Account Team defines who within their account team has access to the tool & enters data
- Account would not have access to tool

Login to Attrition Y

Step 1

Swine Login - Microsoft Internet Explorer provided by Utility and Company

https://solutions.elanco.com/_layouts/Elanco/SwineLogin.aspx?ReturnUrl=%2Fswine%2Fform%2Fdefault.aspx

Elanco

FULL VALUE PIGS™

PLEASE LOGIN

USERNAME
Forgot Username

PASSWORD
Forgot Password

LOGIN

Terms of Use Privacy Policy

- Enter username
- Enter password
- Click “LOGIN”

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Step 2

Elanco

HOME | LOG OUT

FULL VALUE PIGS™

FVP DATA ENTRY

FULL VALUE PIGS™

- For tool & growth parameter access, click “FULL VALUE PIGS”
- Growth parameters must be set prior to data entry

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Growth Parameters Setup

Step 1

1. Click "Growth Parameters"

2. Select "Company" from drop down list

3. To develop a new performance parameter, click "New"

Step 2

- Enter "Performance Parameter Name"
- Click "OK"

Notice

Please Name the Performance Parameters Item You Want to Create First!

Performance Parameters Name: Demo

OK Cancel

Step 3

Elanco

User Inputs > Growth Parameters Language: English Export Home

Company: FVP XYZ dollar kg Performance Parameter: Demo New Save Save As Delete

Growth and ADFI Adjustment:

Week Post Weaning	Weight	Default.kg		Marginal.kg		F/G	Cumulative.kg			Feed Cost	Weight Gained	Feed Cost/kg
		ADG	ADFI	Customized ADG	Customized ADFI		ADG	ADFI	F/G			
1	8.943	0.227	0.249				0.500	0.550	1.100	\$0.00	3.500	\$0.00
2	13.493	0.295	0.408				0.575	0.725	1.261	\$0.00	8.050	\$0.00
3	19.443	0.386	0.544				0.667	0.883	1.325	\$0.00	14.000	\$0.00
4	26.394	0.450	0.703				0.748	1.050	1.403	\$0.00	20.951	\$0.00
5	34.794	0.544	0.862				0.839	1.220	1.455	\$0.00	29.351	\$0.00
6	44.244	0.612	1.023				0.924	1.393	1.507	\$0.00	38.801	\$0.00
7	55.094	0.703	1.188				1.013	1.568	1.547	\$0.00	49.651	\$0.00
8	67.204	0.785	1.415				1.103	1.762	1.598	\$0.00	61.761	\$0.00

Average Customized: 0.000 0.000 0.000

Week Post Weaning > 30: 0.680 3.402

Cull Percent of Base: 0% 0%

Cull Performance: 0.000 0.000 0.000

Mortality Percent of Base: 0% 0%

- If customer has customized ADG & ADFI, these can be entered (optional)
- If no customized entries needed, click "Save"

Step 4

Elanco

User Inputs > Growth Parameters Language: English Export Home

Company: FVP XYZ dollar kg Performance Parameter: Demo New Save Save As Delete

Growth and ADFI Adjustment:

Week Post Weaning	Weight	Default.kg		Marginal.kg		F/G	Cumulative.kg			Feed Cost	Weight Gained	Feed Cost/kg
		ADG	ADFI	Customized ADG	Customized ADFI		ADG	ADFI	F/G			
1	8.943	0.227	0.249				0.500	0.550	1.100	\$0.00	3.500	\$0.00
2	13.493	0.295	0.408				0.575	0.725	1.261	\$0.00	8.050	\$0.00
3	19.443	0.386	0.544				0.667	0.883	1.325	\$0.00	14.000	\$0.00
4	26.394	0.450	0.703				0.748	1.050	1.403	\$0.00	20.951	\$0.00
5	34.794	0.544	0.862				0.839	1.220	1.455	\$0.00	29.351	\$0.00
6	44.244	0.612	1.023				0.924	1.393	1.507	\$0.00	38.801	\$0.00
7	55.094	0.703	1.188				1.013	1.568	1.547	\$0.00	49.651	\$0.00
8	67.204	0.785					1.103	1.762	1.598	\$0.00	61.761	\$0.00

Average Customized: 0.000 0.000 0.000

Week Post Weaning > 30: 0.680 3.402

Cull Percent of Base: 0% 0%

Cull Performance: 0.000 0.000 0.000

Mortality Percent of Base: 0% 0%

Notice
Do you want to apply default values to blank cells?
Yes No

Click "Yes" to use default growth values

Step 5

Elanco

User Inputs > Growth Parameters

Language: English Export Home

Company: FVP XYZ dollar kg Performance Parameter: Demo New Save Save As Delete

Growth and ADFI Adjustment:

Week Post Weaning	Weight	Default, kg		Marginal, kg		F/G	ADG	Feed Cost/kg
		ADG	ADFI	Customized ADG	Customized ADFI			
1	8.943	0.227	0.249	0.227	0.249	0.909	0.500	\$0.00
		0.295	0.408	0.295	0.408	0.722	0.575	\$0.00
		0.386	0.544	0.386	0.544	0.708	0.667	\$0.00
		0.450	0.703	0.450	0.703	0.641	0.748	\$0.00
		0.544	0.862	0.544	0.862	0.632	0.839	\$0.00
		0.612	1.023	0.612	1.023	0.598	0.924	\$0.00
		0.703	1.188	0.703	1.188	0.592	1.013	\$0.00
		0.785	1.415	0.785	1.415	0.554	1.103	\$0.00

Default growth values will populate in customized columns

Adjustment can be made to cull and mortality pig performance (optional)

Please consult TC prior to adjustment

Average Customized: 0.785 2.192 2.793

Week Post Weaning > 30: 0.680 3.402

Cull Percent of Base: 90% 90%

Cull Performance: 0.706 1.973 2.795

Mortality Percent of Base: 80% 90%

Mortality Performance: 0.628 1.973 3.142

Step 6

Elanco

User Inputs > Growth Parameters

Language: English Export Home

Company: FVP XYZ dollar kg Performance Parameter: Demo New Save Save As Delete

Growth and ADFI Adjustment:

Week Post Weaning	Weight	Default, kg		Marginal, kg		F/G	Cumulative, kg					
		ADG	ADFI	Customized ADG	Customized ADFI		ADG	ADFI	F/G	Feed Cost	Weight Gained	Feed Cost/kg
1	8.943	0.227	0.249	0.227	0.249	0.909	0.500	0.550	1.100	\$0.00	3.500	\$0.00
2	13.493	0.295	0.408	0.295	0.408	0.722	0.575	0.725	1.261	\$0.00	8.050	\$0.00
3	19.443	0.386	0.544	0.386	0.544	0.708	0.667	0.883	1.325	\$0.00	14.000	\$0.00
4	26.394	0.450	0.703	0.450	0.703	0.641	0.748	1.050	1.403	\$0.00	20.951	\$0.00
5	34.794	0.544	0.862	0.544	0.862	0.632	0.839	1.220	1.455	\$0.00	29.351	\$0.00
6	44.244	0.612	1.023	0.612	1.023	0.598	0.924	1.393	1.507	\$0.00	38.801	\$0.00
7	55.094	0.703	1.188	0.703	1.188	0.592	1.013	1.568	1.547	\$0.00	49.651	\$0.00
8	67.204	0.785	1.415	0.785	1.415	0.554	1.103	1.762	1.598	\$0.00	61.761	\$0.00

Average Customized: 0.785 2.192 2.793

Week Post Weaning > 30: 0.680 3.402

Cull Percent of Base: 90% 90%

Cull Performance: 0.706 1.973 2.795

Grow-Finish Curve Adjustment

If working with grow-finish data, click "Grow-Finish Curve Adjustment"

See release updates to reference "Grow-Finish Curve Adjustment" guidelines

Step 7

Feeding Program:

→ **Add Diet** **Delete** ←

<input type="checkbox"/>	Post Weaning Feed Diets	Cost/Metric Ton, \$	Feed Budget, kg
<input type="checkbox"/>	Diet 1	800.00	3.00
<input type="checkbox"/>	Diet 2	600.00	20.00
<input type="checkbox"/>	Diet 3	400.00	30.00
<input type="checkbox"/>	Diet 4	350.00	40.00
<input type="checkbox"/>	Diet 5	320.00	60.00
<input type="checkbox"/>	Diet 6	340.00	70.00
<input type="checkbox"/>	Diet 7	360.00	50.00

Average Customized: 452.86 39.00

- Enter Post Weaning Feed Diet names, cost, and budgeted units
- To add diet, click “Add Diet” and enter required information
- To remove a diet, select the diet you wish to remove by clicking on the boxes located on left side, then click “Delete”

Step 8

Adjustments:

→ **Add Adjustment** **Delete** ←

<input type="checkbox"/>	Item	Start Week	End Week	ADG adj, %	ADFI adj, %
<input type="checkbox"/>	Item 1	21	30	10%	0%

- Optional adjustments to the growth curve may be entered as appropriate
- Enter item name, start week, end week, ADG adj %, and ADFI adj %
- To add adjustment, click “Add Adjustment” and enter required information
- To remove adjustment, select the item you wish to remove by clicking on the boxes located on left side, then click “Delete”

Step 9

User Inputs > Growth Parameters Language: English Export Home

Company: FVP XYZ dollar kg Performance Parameter: Demo New Save Save As Delete

Growth and ADFI Adjustment:

Week Post Weaning	Weight	Default, kg		Marginal, kg			Cumulative, kg					
		ADG	ADFI	Customized ADG	Customized ADFI	F/G	ADG	ADFI	F/G	Feed Cost	Weight Gained	Feed Cost/kg
1	7.032	0.227	0.249	0.227	0.249	1.097	0.227	0.249	1.097	\$1.39	1.589	\$0.88
2	9.097	0.295	0.408	0.295	0.408	1.383	0.261	0.329	1.259	\$3.36	3.654	\$0.92
3	11.799	0.386	0.544	0.386	0.544	1.409	0.303	0.400	1.323	\$5.64	6.356	\$0.89
4	14.949	0.450	0.703	0.450	0.703	1.562	0.340	0.476				
5	18.757	0.544	0.862	0.544	0.862	1.585	0.380	0.553				
6	23.041	0.612	1.023	0.612	1.023	1.672	0.419	0.632				
7	27.962	0.703	1.188	0.703	1.188	1.690	0.460	0.711	1.547	\$19.14	22.519	\$0.85
8	33.457	0.785	1.415	0.785	1.415	1.803	0.500	0.799	1.597	\$23.10	28.014	\$0.82

Average Customized: 0.785 2.192 2.793 Grow-Finish Curve Adjustment

Week Post Weaning > 30: Cull Percent of Base: Cull Performance: Mortality Percent of Base: Mortality Performance:

The Performance Parameter successfully saved!

OK

A prompt will appear to confirm the Performance Parameters have been saved successfully, click "OK"

Adjustments:

Item	Start Week	End Week	ADG adj, %	ADFI adj, %
Item 1	21	30	10%	0%

Assumptions Setup

Step 1

Notice

The Performance Parameters has been successfully saved, Please go to the Assumptions page to fill in the assumption parameters!

Yes No

Cull Percent of Base: 90% 90%

- A prompt will appear to confirm the Performance Parameters have been saved successfully
- Now, the assumption parameters must be set.
- If this is the initial setup, click "Yes"
- If setup is already complete and you wish to bypass, click "No"

Step 2

User Inputs > Assumptions Home

Company: FVP XYZ dollar kg

Performance Parameters: Demo

Baseline Data

Carcass Base Price, \$/kg: 2.05

Period Marketings: 8000

Entry Pig Cost, \$/hd: 35.00

Attrition Economics

DOAs Live Price, \$/kg: 0.00

Non-Ambulatory Live Price, \$/kg: 1.03

Culls Live Price, \$/kg: 0.82

Required for attrition calculations

- Select appropriate Company and Performance Parameter
- Enter Carcass Base Price (appropriate units of measure) & Period Marketings (# of pigs)
- Enter Pig Cost and Attrition Economics section
- Once complete, click "Save"

Step 3

User Inputs > Assumptions Home

Company: FVP XYZ dollar kg

Performance Parameters: Demo

Baseline Data

Carcass Base Price, \$/kg: 2.05

Period Marketings: 8000

Entry Pig Cost, \$/hd: 35.00

Attrition Economics

DOAs Live Price, \$/kg: 0.00

Non-Ambulatory Live Price, \$/kg: 1.03

Culls Live Price, \$/kg: 0.82

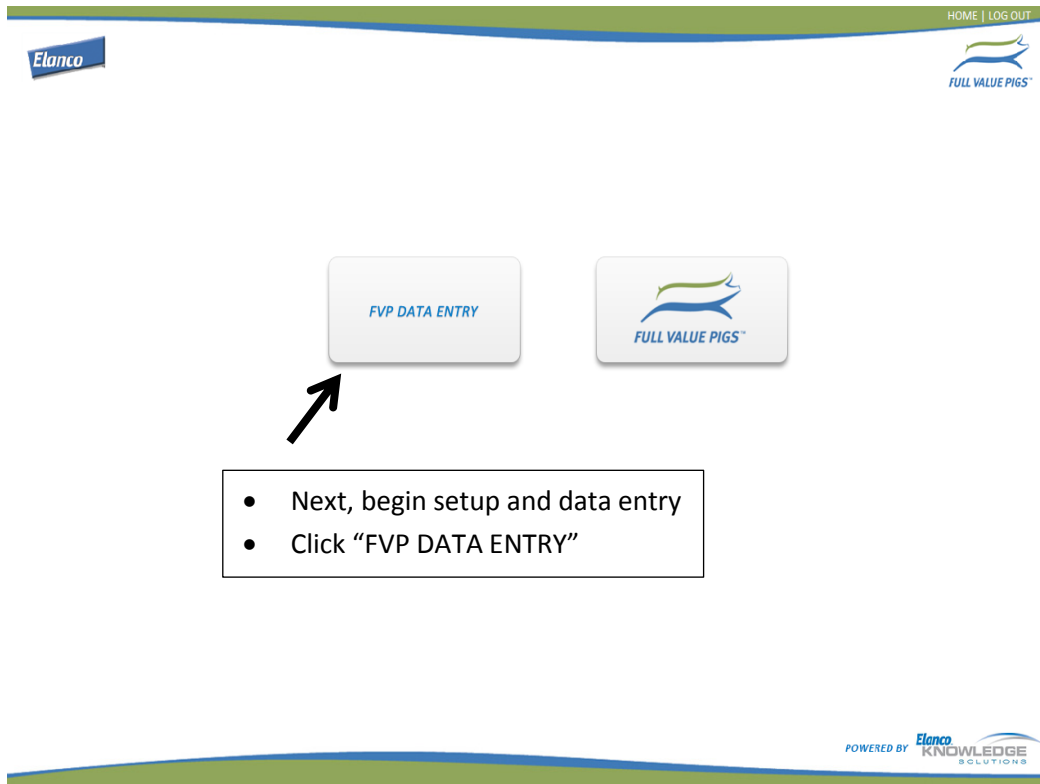
The Assumptions successfully saved!

OK

Save

- A prompt will appear to confirm the assumptions were successfully saved
- Click "OK"

Begin Data Entry



Data Entry

Step 1



HOME | LOG OUT

Elanco

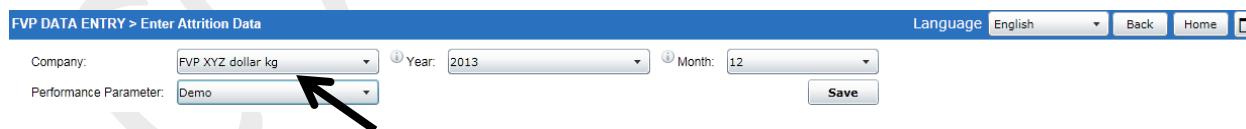
FULL VALUE PIGS™

To begin data entry, click "Enter Attrition Data"

Enter Attrition Data

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Step 2



FVP DATA ENTRY > Enter Attrition Data

Language English Back Home

Company: FVP XYZ dollar kg Year: 2013 Month: 12

Performance Parameter: Demo Save

Once 1 month's data has been collected

- Select "Company"
- Select "Year" for closed groups
- Select "Month" for closed groups
- Select "Performance Parameter"

Step 3

FVP DATA ENTRY > Enter Attrition Data Language: English Back Home

Company: FVP XYZ dollar kg Year: 2013 Month: 12 Performance Parameter: Demo Save

Closeout Data Entry:

Pigs Placed, # Max MOFC Weight, kg/pig

Total Weight Placed, kg Max MOFC Live Price, \$/kg

Weaner Pig Price, \$/pig Max MOFC Total Feed Cost, \$/pig

Avg Feed Cost, \$/kg Cull Base Price, \$/kg

☐ No Cull Data

Wean-to-Finish Mortality:

Week Post Wean	Number of Deaths
1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
4	<input type="text"/>

Number of Culls by Weight(kg):

Weight Breaks	Number of Culls
5 - 14.9	<input type="text"/>
15 - 24.9	<input type="text"/>
25 - 34.9	<input type="text"/>
35 - 44.9	<input type="text"/>

- Enter the required entries in “Closeout Data Entry”
- Enter values for “Wean-to-Finish Mortality” and “Number of Culls by Weight (kg)”

Step 4

Closeout Data Entry:

Pigs Placed, # Max MOFC Weight, kg/pig

Total Weight Placed, kg Max MOFC Live Price, \$/kg

Weaner Pig Price, \$/pig Max MOFC Total Feed Cost, \$/pig

Avg Feed Cost, \$/kg Cull Base Price, \$/kg

- See example data entry
- Ensure data entry is in appropriate units designated for each entry item
- “Max MOFC Weight” and “Max MOFC Live Price” can be captured from Profit Finder Y if this tool is being utilized
- “Max MOFC Total Feed Cost” is a calculated value and does not require entry

Step 5

Wean-to-Finish Mortality:		Wean-to-Finish Mortality:	
Week Post Wean	Number of Deaths	Week Post Wean	Number of Deaths
1	2	16	10
2	3	17	9
3	6	18	7
4	5	19	10
5	10	20	15
6	10	21	18
7	12	22	20
8	8	23	21
9	5	24	20
10	6	25	12
11	7	26	5
12	5	27	3
13	6	28	3
14	7	29	0
15	8	30	0

Enter data in wean to finish format – “Number of Deaths” by “Week Post Wean”

Step 6


☐ No Cull Data

Number of Culls by Weight(kg):

Weight Breaks	Number of Culls
5 - 14.9	0
15 - 24.9	0
25 - 34.9	0
35 - 44.9	0
45 - 54.9	1
55 - 64.9	1
65 - 74.9	16
75 - 84.9	42
85 - 94.9	10
95 - 104.9	2
105 - 114.9	1
115 - 124.9	1
125 - 134.9	0
135 - 144.9	0
145 - 154.9	0

- Enter number of culls by weight break
- If no weight break detail is available, enter as average weight
- If no cull data is available, click "No Cull data"

Step 7

FVP DATA ENTRY > Enter Attrition Data Language: English Back Home

Company: FVP XYZ dollar kg Year: 2013 Month: 12 Performance Parameter: Demo **Save**

Closeout Data Entry:

Pigs Placed, #	8000	Max MOFC Weight, kg/pig	142
Total Weight Placed, kg	43636	Max MOFC Live Price, \$/kg	1.73
Weaner Pig Price, \$/pig	35.00	Max MOFC Total Feed Cost, \$/pig	119.21
Avg Feed Cost, \$/kg	0.34	Cull Base Price, \$/kg	0.82

☐ No Cull Data

Wean-to-Finish Mortality:

Week Post Wean	Number of Deaths
16	10
17	9
18	7
19	10
20	15
21	18
22	20
23	21

Number of Culls by Weight(kg):

Weight Breaks	Number of Culls
5 - 14.9	0
15 - 24.9	0
25 - 34.9	0
35 - 44.9	0
45 - 54.9	1
55 - 64.9	1
65 - 74.9	16
75 - 84.9	42

- Once all values are finalized and verified, click “Save”
- Saved data for a month cannot be changed

Step 8

FVP DATA ENTRY > Enter Attrition Data Language: English Back Home

Company: FVP XYZ dollar kg Year: 2013 Month: 12 Performance Parameter: Demo **Save**

Closeout Data Entry:

Pigs Placed, #	8000	Max MOFC Weight, kg/pig	142
Total Weight Placed, kg	43636	Max MOFC Live Price, \$/kg	1.73
Weaner Pig Price, \$/pig	35.00	Max MOFC Total Feed Cost, \$/pig	119.21
Avg Feed Cost, \$/kg	0.34	Cull Base Price, \$/kg	0.82

☐ No Cull Data

Wean-to-Finish Mortality:

Week Post Wean	Number of Deaths
16	10
17	9
18	7
19	10
20	15

Number of Culls by Weight(kg):

Weight Breaks	Number of Culls
5 - 14.9	0
15 - 24.9	0
25 - 34.9	0
35 - 44.9	0
45 - 54.9	1
55 - 64.9	1

- Data Entry Success prompt will populate, click “OK”
- Page will automatically update to a blank data entry option (see next screen shot)
- Once data is saved, it will be stored and available for future access

Step 9

FVP DATA ENTRY > Enter Attrition Data Language: English

Company: FVP XYZ dollar kg Year: 2014 Month: 1 Performance Parameter: Demo

Closeout Data Entry:

Pigs Placed, #	<input type="text"/>	Max MOFC Weight, kg/pig	<input type="text"/>
Total Weight Placed, kg	<input type="text"/>	Max MOFC Live Price, \$/kg	<input type="text"/>
Weaner Pig Price, \$/pig	<input type="text"/>	Max MOFC Total Feed Cost, \$/pig	<input type="text"/>
Avg Feed Cost, \$/kg	<input type="text"/>	Cull Base Price, \$/kg	<input type="text"/>

☐ No Cull Data

Wean-to-Finish Mortality:

Week Post Wean	Number of Deaths
1	<input type="text" value="0"/>
2	<input type="text" value="0"/>
3	<input type="text" value="0"/>
4	<input type="text" value="0"/>
5	<input type="text" value="0"/>
6	<input type="text" value="0"/>
7	<input type="text" value="0"/>
8	<input type="text" value="0"/>

Number of Culls by Weight(kg):

Weight Breaks	Number of Culls
5 - 14.9	<input type="text" value="0"/>
15 - 24.9	<input type="text" value="0"/>
25 - 34.9	<input type="text" value="0"/>
35 - 44.9	<input type="text" value="0"/>
45 - 54.9	<input type="text" value="0"/>
55 - 64.9	<input type="text" value="0"/>
65 - 74.9	<input type="text" value="0"/>
75 - 84.9	<input type="text" value="0"/>

- A new data entry sheet will appear, select year/month to continue with data entry
- Click "Back" to continue to FVP Data Entry page
- Click "Home" to continue to tool access

Select Data to Pull

After month's data has been saved, go to home page, click "Home"

Full Value Pig Attrition Y

Date Range: -

Company:

Performance Parameter:

- Select date range, company, and performance parameter
- Click "Get Data"

Pulling Data from Elanco Database

Full Value Pig Attrition Y

Date Range: 12/1/2013 - 12/31/2013

Company: FVP XYZ dollar kg

Performance Parameter: Demo

Getting Data

Data

1/23/2014 2:13:05 PM

Data Pulled Successfully from Elanco

Elanco

Attrition Y > Home

Language English Home

User Inputs

Growth Parameters

Assumptions

Attrition Y

Home

Data Summary

Mortality Summary

Cull Summary

Attrition Losses Summary

Export PowerPoint

Full Value Pig Attrition Y

Date Range: 12/1/2013 - 12/31/2013

Company: FVP XYZ dollar kg

Performance Parameter: Demo

Get Data

Last loading data at : 2/23/2014 2:13:08 PM

Red oval shows date of last data load and user can now click options here on left.

Data Summary

Elanco

Attrition Y > Attrition Losses Summary

Language English Data Filter Export Home

User Inputs

Growth Parameters

Assumptions

Attrition Y

Home

Data Summary

Mortality Summary

Cull Summary

Attrition Losses Summary

Export PowerPoint

Closeout Summary

Overall:

Closeouts, #	1
Avg Start Weight, kg/pig	5.45
Weaner Pig Price, \$/pig	\$35.00
Avg Diet Cost, \$/kg	\$0.34

Attrition Metrics:

Pigs Placed, #	8000
Finisher Mortality, #	253
Culls (secondary market), #	74

Attrition Economics

FVP-Max MOFC at Primary Packer:

Live Price, \$/kg	\$1.73
Average Live Weight, kg	142.00
Total Revenue, \$/pig	\$245.66
Total Feed Cost, \$/pig	\$119.21
Margin Over Feed Cost, \$/pig	\$126.45
Feed Cost per kg of gain, \$/kg	\$0.87

Cull - Secondary Market:

Cull Base Price, \$/kg	\$0.82
------------------------	--------

Once data is pulled, click on "Data Summary"

Provides closeout summary metrics and calculated values

Filtering capabilities exist through "Data Filter" tab

- Example: If three months of data are pulled, filter can separate by month

Filtering Capabilities

Closeout Summary

Overall:		
Closeouts, #	1	
Avg Start Weight, kg/pig	5.45	
Weaner Pig Price, \$/pig	\$35.00	
Avg Diet Cost, \$/kg	\$0.34	
Attrition Metrics:		
Pigs Placed, #	8000	
Finisher Mortality, #	253	
Culls (secondary market), #	74	

Attrition Economics

FVP-Max MOFC at Primary Packer:

Live Price, \$/kg	\$1.73
Average Live Weight, kg	142.00
Total Revenue, \$/pig	\$245.66
Total Feed Cost, \$/pig	\$119.21
Margin Over Feed Cost, \$/pig	\$126.45
Feed Cost per kg of gain, \$/kg	\$0.87
Cull - Secondary Market:	
Cull Base Price, \$/kg	\$0.82

Select Filter

Year: Month:

☐ All
☐ 12

OK Cancel

- After clicking “Data Filter”, the selection filter will be shown
- Ability to filter by year and month within tool
- Set desire filters and click “OK”

Mortality Summary

Mortality Summary

FVP Assumptions

Pigs with Maximum MOFC Sold to Primary Packer

Live Price, \$/kg	\$1.73
Average Live Weight, kg	142.00
Total Revenue, \$/pig	\$245.66
Total Feed Cost, \$/pig	\$119.21
Margin Over Feed Cost (MOFC), \$/pig	\$126.45

Summary of Attrition Costs for Deads

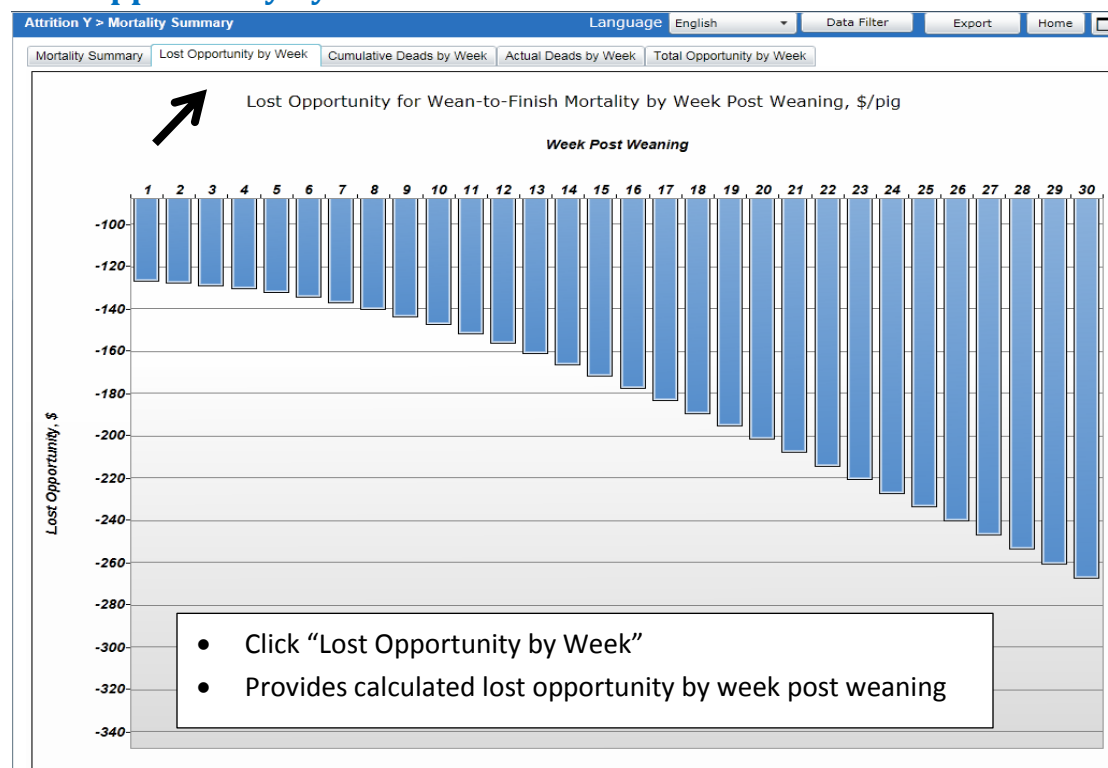
Parameter	Totals	\$/dead pig	\$/pigs placed
Pigs Placed, #	8000	--	--
Deads, #	253	--	--
Deads, % Pigs Placed	3.16%	--	--
Pig Costs, \$	(\$8895.00)	(\$35.00)	(\$1.11)
Feed Costs, \$	(\$14912.32)	(\$59.34)	(\$1.86)
Lost Opportunity, \$	(\$48904.17)	(\$193.39)	(\$6.06)

Actual Attrition Metrics for Deads

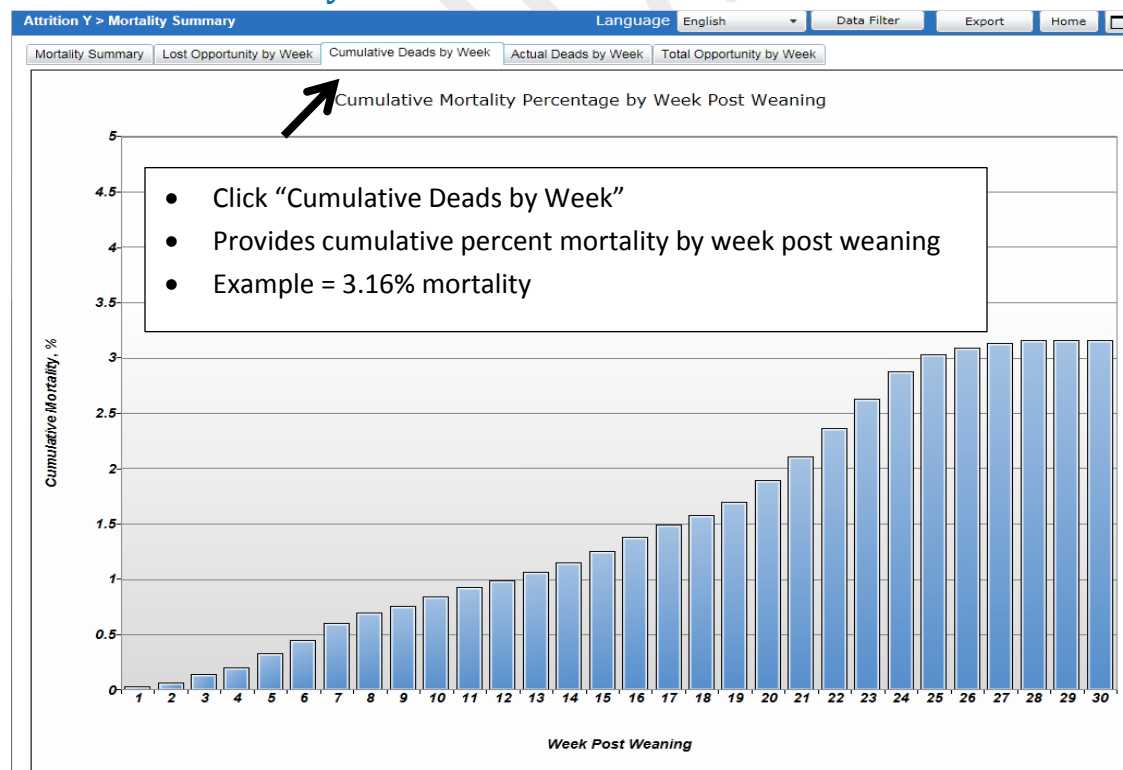
Week Post Weaning	Weight, kg	Dead Pigs, #	Inventory, #	Weekly Mortality, %	Cumulative Mortality, %	Data for Dead Pigs				Comparison to Pigs Achieving the Maximum MOFC				
						Pig Costs, \$/pig	Total Pig Cost, \$	Feed Costs, \$/pig	Total Feed Cost, \$	FVP Revenue Opportunity, \$/pig	FVP Feed Costs, \$/pig	Feed Savings, \$/pig	Opportunity Costs, \$/pig	Total Opportunity Costs, \$
1	6.7	2	7998	0.03%	0.03%	\$35.00	(\$70.00)	\$0.53	(\$1.07)	\$245.66	\$119.21	\$118.88	(\$126.98)	(\$353.97)
2	8.4	3	7995	0.04%	0.06%	\$35.00	(\$105.00)	\$1.41	(\$4.22)	\$245.66	\$119.21	\$117.80	(\$127.86)	(\$363.57)
3	10.5	6	7989	0.08%	0.14%	\$35.00	(\$210.00)	\$2.57	(\$15.44)	\$245.66	\$119.21	\$116.54	(\$129.02)	(\$374.14)
4	13.0	5	7984	0.06%	0.20%	\$35.00	(\$175.00)	\$4.08	(\$20.36)	\$245.66	\$119.21	\$115.13	(\$130.53)	(\$382.64)
5	16.1	10	7974	0.13%	0.33%	\$35.00	(\$350.00)	\$5.92	(\$59.28)	\$245.66	\$119.21	\$113.29	(\$132.37)	(\$393.76)
6	19.5	10	7964	0.13%	0.45%	\$35.00	(\$350.00)	\$8.12	(\$81.16)	\$245.66	\$119.21	\$111.09	(\$134.57)	(\$404.86)
7	23.5	12	7952	0.15%	0.60%	\$35.00	(\$420.00)	\$10.68	(\$127.93)	\$245.66	\$119.21	\$108.55	(\$137.11)	(\$416.43)
8	27.9	8	7944	0.10%	0.70%	\$35.00	(\$280.00)	\$13.69	(\$109.53)	\$245.66	\$119.21	\$105.52	(\$140.14)	(\$428.13)
9	32.5	5	7939	0.06%	0.76%	\$35.00	(\$175.00)	\$17.16	(\$55.80)	\$245.66	\$119.21	\$102.05	(\$143.61)	(\$441.05)
10	37.4	6	7933	0.08%	0.84%	\$35.00	(\$210.00)	\$21.04	(\$125.22)	\$245.66	\$119.21	\$98.17	(\$147.49)	(\$454.52)
11	42.5	7	7926	0.09%	0.93%	\$35.00	(\$245.00)	\$25.30	(\$177.11)	\$245.66	\$119.21	\$93.91	(\$151.75)	(\$468.26)
12	47.8	5	7921	0.06%	0.99%	\$35.00	(\$175.00)	\$29.92	(\$149.59)	\$245.66	\$119.21	\$89.29	(\$156.37)	(\$482.14)
13	53.2	6	7915	0.08%	1.06%	\$35.00	(\$210.00)	\$34.84	(\$209.06)	\$245.66	\$119.21	\$84.37	(\$161.29)	(\$496.78)
14	58.6	7	7908	0.09%	1.15%	\$35.00	(\$245.00)	\$40.04	(\$280.30)	\$245.66	\$119.21	\$79.17	(\$166.49)	(\$511.65)
15	64.1	8	7900	0.10%	1.25%	\$35.00	(\$280.00)	\$45.48	(\$363.87)	\$245.66	\$119.21	\$73.73	(\$171.93)	(\$526.45)
16	69.6	10	7890	0.13%	1.38%	\$35.00	(\$350.00)	\$51.13	(\$511.27)	\$245.66	\$119.21	\$68.05	(\$177.58)	(\$541.47)
17	75.1	9	7881	0.11%	1.49%	\$35.00	(\$315.00)	\$56.95	(\$512.52)	\$245.66	\$119.21	\$62.26	(\$183.40)	(\$556.87)
18	80.5	7	7874	0.09%	1.58%	\$35.00	(\$245.00)	\$62.91	(\$440.39)	\$245.66	\$119.21	\$56.30	(\$189.36)	(\$572.54)
19	85.9	10	7864	0.13%	1.70%	\$35.00	(\$350.00)	\$69.00	(\$590.00)	\$245.66	\$119.21	\$50.21	(\$195.45)	(\$588.55)
20	91.2	15	7849	0.19%	1.89%	\$35.00	(\$525.00)	\$75.20	(\$1128.05)	\$245.66	\$119.21	\$44.01	(\$201.65)	(\$604.30)
21	96.4	15	7831	0.23%	2.11%	\$35.00	(\$525.00)	\$81.48	(\$1466.52)	\$245.66	\$119.21	\$37.72	(\$207.84)	(\$620.32)
22	101.4	20	7811	0.26%	2.36%	\$35.00	(\$700.00)	\$87.85	(\$1787.08)	\$245.66	\$119.21	\$31.36	(\$214.30)	(\$636.08)
23	106.4	21	7790	0.27%	2.63%	\$35.00	(\$735.00)	\$94.28	(\$1979.79)	\$245.66	\$119.21	\$24.93	(\$220.73)	(\$651.24)
24	111.2	20	7770	0.26%	2.88%	\$35.00	(\$700.00)	\$100.76	(\$2015.15)	\$245.66	\$119.21	\$18.45	(\$227.21)	(\$666.15)
25	115.8	12	7758	0.15%	3.03%	\$35.00	(\$420.00)	\$107.29	(\$1287.44)	\$245.66	\$119.21	\$11.92	(\$233.74)	(\$680.84)
26	120.4	5	7753	0.06%	3.09%	\$35.00	(\$175.00)	\$113.86	(\$569.42)	\$245.66	\$119.21	\$5.33	(\$240.33)	(\$695.47)
27	124.8	3	7750	0.04%	3.13%	\$35.00	(\$105.00)	\$120.54	(\$361.62)	\$245.66	\$119.21	\$1.33	(\$246.99)	(\$710.97)
28	129.1	3	7747	0.04%	3.16%	\$35.00	(\$105.00)	\$127.26	(\$361.79)	\$245.66	\$119.21	(\$8.05)	(\$253.71)	(\$726.14)
29	133.3	0	7747	0.00%	3.16%	\$35.00	\$0.00	\$134.04	\$0.00	\$245.66	\$119.21	(\$14.63)	(\$260.49)	(\$740.80)
30	137.3	0	7747	0.00%	3.16%	\$35.00	\$0.00	\$140.85	\$0.00	\$245.66	\$119.21	(\$21.67)	(\$267.33)	(\$756.17)
Totals		253	7747		3.16%	(\$8895.00)	(\$14912.32)			\$245.66	\$119.21			(\$48904.17)

- Click “Mortality Summary”
- See FVP Assumptions for base calculations
- Summary of Attrition Cost for Deads highlighted in table format
- Offers opportunity by week due to mortality

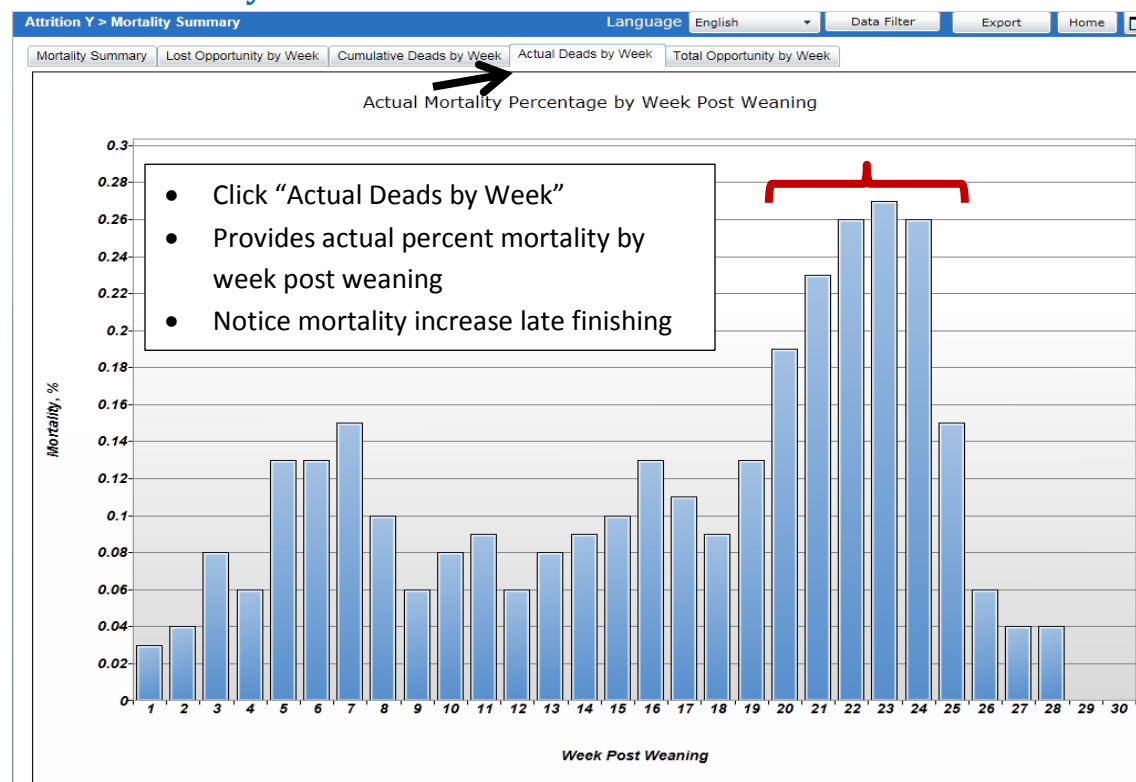
Lost Opportunity by Week



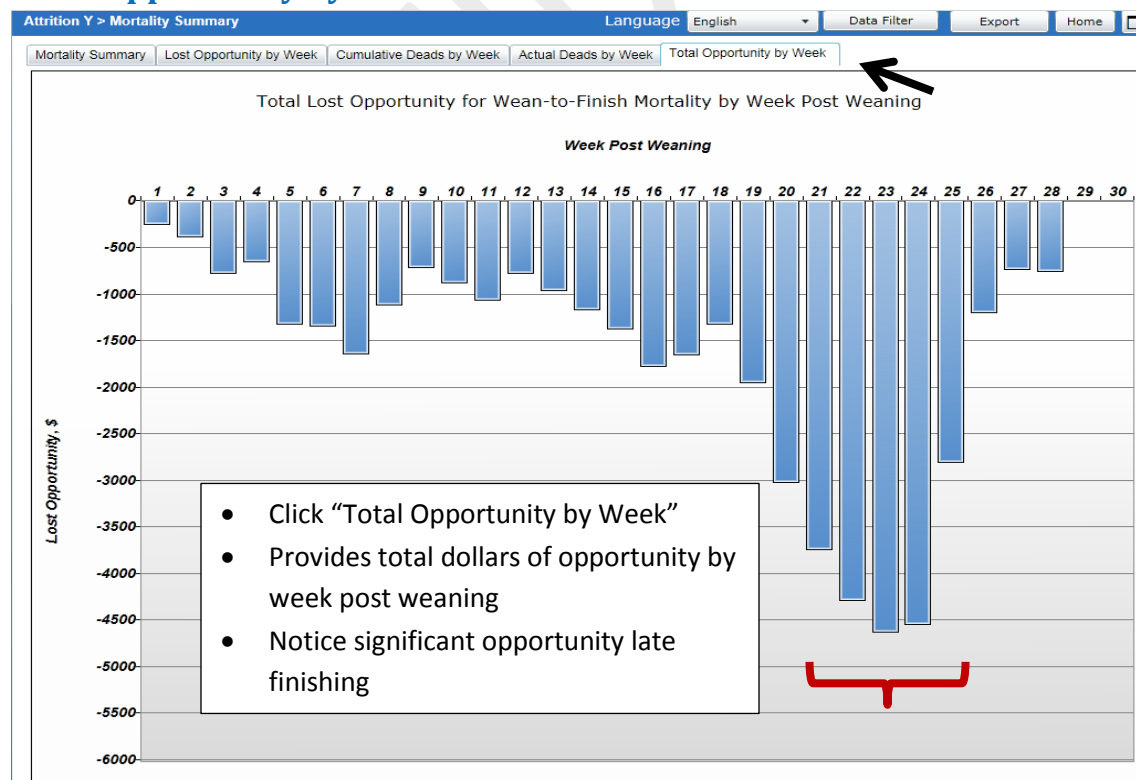
Cumulative Deaths by Week



Actual Deaths by Week



Total Opportunity by Week



Cull Summary

Elanco

Attrition Y > Cull Summary 90% Language English Data Filter Export Home

Cull Summary Count of Culls by Weight Range Lost Opportunity by Weight Range

FVP Assumptions
Pigs with Maximum MOFC Sold to Primary Packer

Live Price, \$/kg	\$1.73
Average Live Weight, kg	142.0
Total Revenue, \$/pig	\$245.66
Total Feed Cost, \$/pig	\$119.21
Margin Over Feed Cost (MOFC), \$/pig	\$126.45

Summary of Attrition Costs for Culls

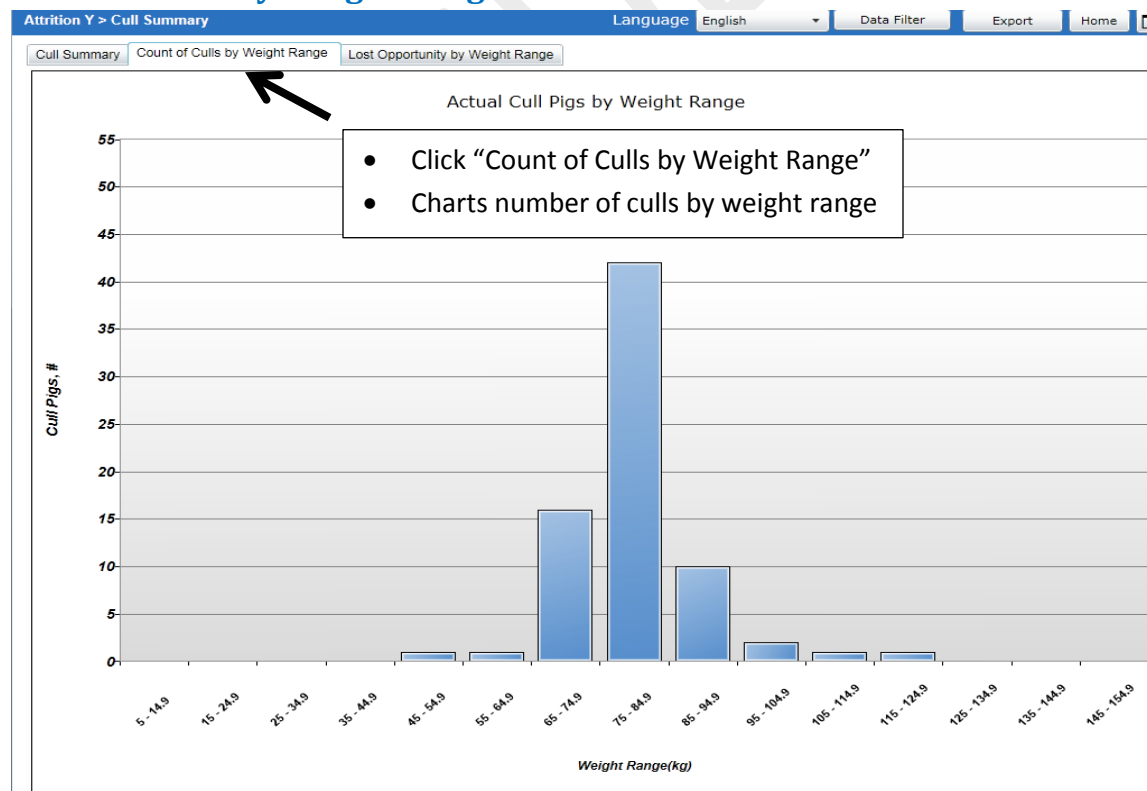
Parameter	Totals	\$/cull	\$/pigs placed
Pigs Placed, #	8000	--	--
Culls, #	74	--	--
Culls, % Pigs Placed	0.93%	--	--
Lost Opportunity, \$	(\$8528.35)	(\$115.25)	(\$1.07)

Actual Attrition Metrics for Culls

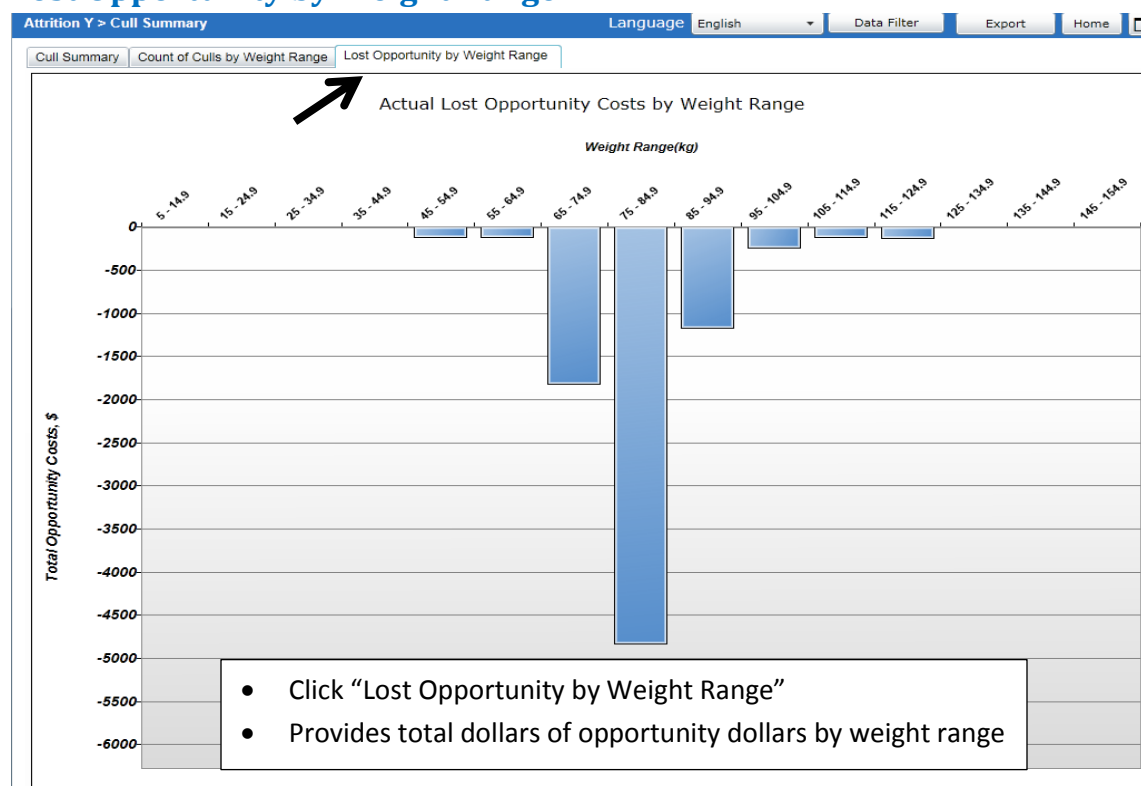
Weight Range, kg	Cull Pigs, #	Actual Data for Culls				Comparison to Pigs Achieving the Maximum MOFC					
		Feed Costs, \$/pig	Cull Live Price, \$/kg	Cull Revenue, \$/pig	FVP Revenue Opportunity, \$/pig	FVP Feed Costs, \$/pig	Δ in Revenue, \$/pig	Δ in Feed Costs, \$/pig	Opportunity Costs, \$/pig	Total Opportunity Costs, \$	
5 - 14.9	0	\$2.02	\$0.82	\$8.16	\$245.66	\$119.21	\$237.50	\$117.19	(\$120.31)	\$0.00	
15 - 24.9	0	\$7.43	\$0.82	\$16.36	\$245.66	\$119.21	\$229.30	\$111.78	(\$117.52)	\$0.00	
25 - 34.9	0	\$13.30	\$0.82	\$24.56	\$245.66	\$119.21	\$221.10	\$105.91	(\$115.19)	\$0.00	
35 - 44.9	0	\$20.17	\$0.82	\$32.76	\$245.66	\$119.21	\$212.90	\$99.04	(\$113.86)	\$0.00	
45 - 54.9	1	\$27.94	\$0.82	\$40.96	\$245.66	\$119.21	\$204.70	\$91.27	(\$113.43)	(\$113.43)	
55 - 64.9	1	\$36.46	\$0.82	\$49.16	\$245.66	\$119.21	\$196.50	\$83.75	(\$113.75)	(\$113.75)	
65 - 74.9	16	\$44.43	\$0.82	\$57.36	\$245.66	\$119.21	\$188.30	\$74.78	(\$113.52)	(\$1816.34)	
75 - 84.9	42	\$54.13	\$0.82	\$65.56	\$245.66	\$119.21	\$180.10	\$65.08	(\$115.03)	(\$4831.08)	
85 - 94.9	10	\$64.42	\$0.82	\$73.76	\$245.66	\$119.21	\$171.90	\$54.79	(\$117.11)	(\$1171.09)	
95 - 104.9	2	\$73.65	\$0.82	\$81.96	\$245.66	\$119.21	\$163.70	\$45.56	(\$118.14)	(\$236.29)	
105 - 114.9	1	\$85.00	\$0.82	\$90.16	\$245.66	\$119.21	\$155.50	\$34.21	(\$121.29)	(\$121.29)	
115 - 124.9	1	\$98.99	\$0.82	\$98.36	\$245.66	\$119.21	\$147.30	\$22.22	(\$125.08)	(\$125.08)	
125 - 134.9	0	\$109.64	\$0.82	\$109.56	\$245.66	\$119.21	\$139.10	\$9.57	(\$129.53)	\$0.00	
135 - 144.9	0	\$123.03	\$0.82	\$114.78	\$245.66	\$119.21	\$130.90	(\$3.82)	(\$134.72)	\$0.00	
145 - 154.9	0	\$137.22	\$0.82	\$122.98	\$245.66	\$119.21	\$122.70	(\$15.01)	(\$140.71)	\$0.00	
Totals	74									(\$8528.35)	

- Click "Cull Summary"
- See FVP Assumptions for base calculations
- Summary of Attrition Cost for Culls highlighted in table format
- Offers opportunity by weight range due to culls

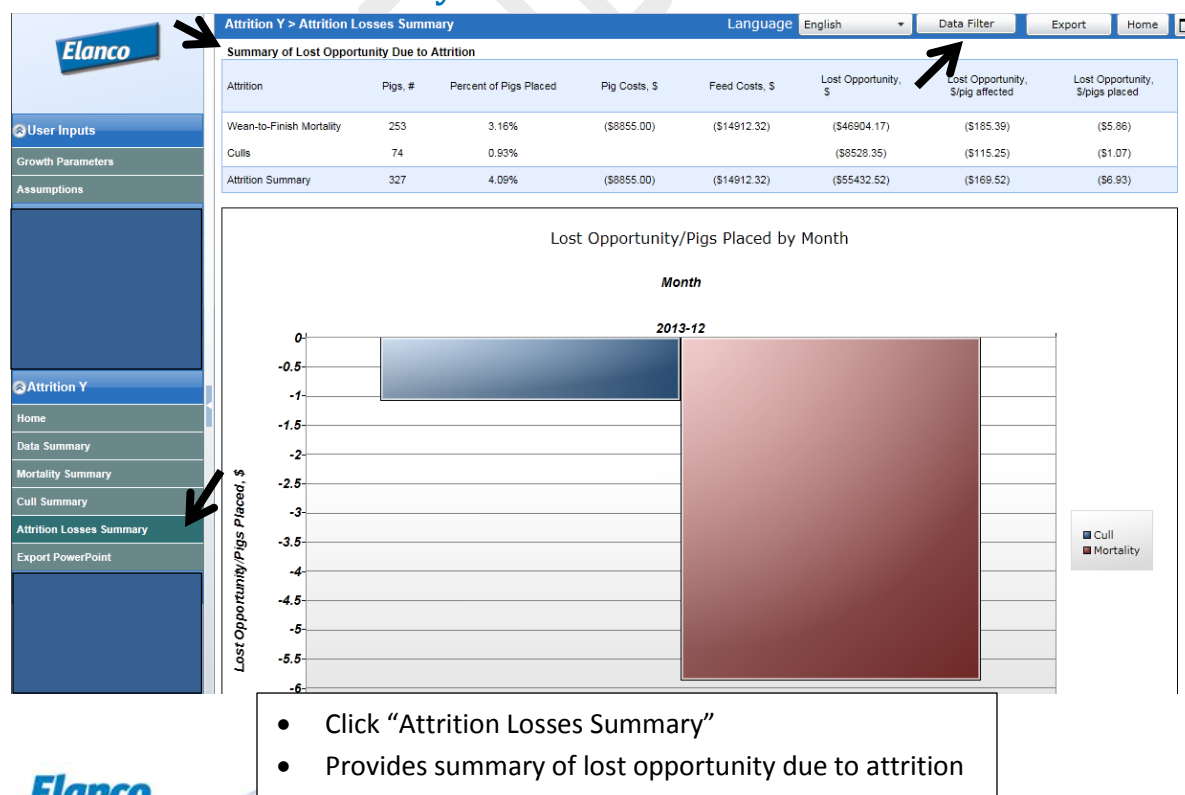
Count of Culls by Weight Range



Lost Opportunity by Weight Range

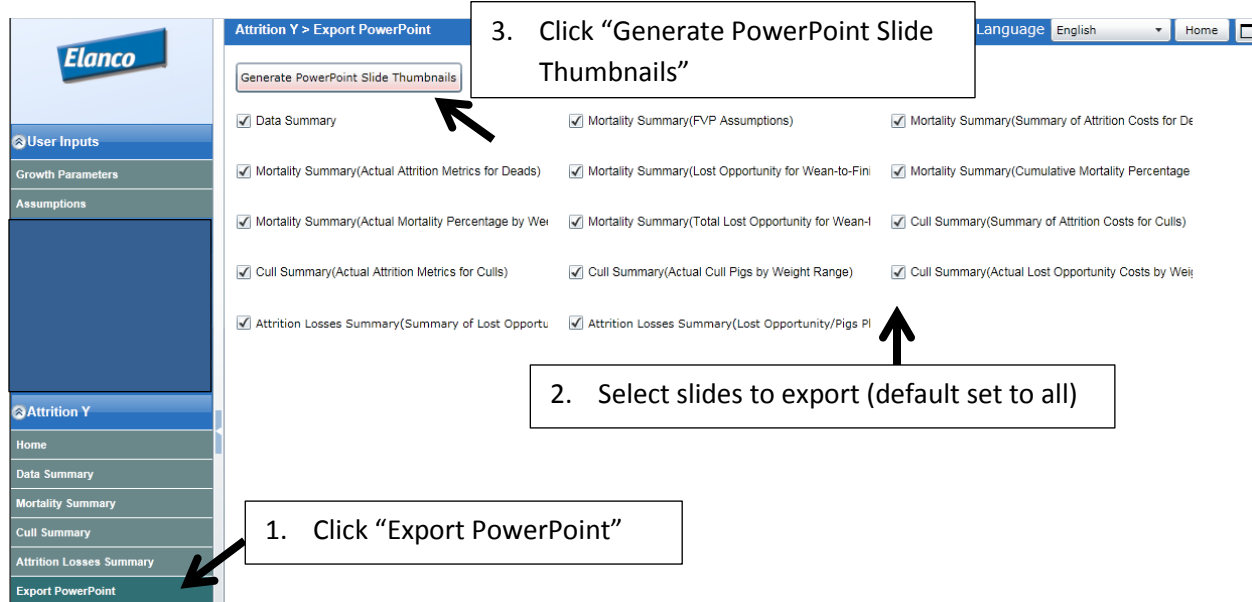


Attrition Losses Summary



Export to Power Point

Step 1



Elanco

Attrition Y > Export PowerPoint

Language English Home

Generate PowerPoint Slide Thumbnails

1. Click "Export PowerPoint"

2. Select slides to export (default set to all)

3. Click "Generate PowerPoint Slide Thumbnails"

- ☒ Data Summary
- ☒ Mortality Summary(FVP Assumptions)
- ☒ Mortality Summary(Summary of Attrition Costs for De
- ☒ Mortality Summary(Actual Attrition Metrics for Deaths)
- ☒ Mortality Summary(Lost Opportunity for Wean-to-Fin
- ☒ Mortality Summary(Cumulative Mortality Percentage
- ☒ Mortality Summary(Actual Mortality Percentage by Wei
- ☒ Mortality Summary(Total Lost Opportunity for Wean-I
- ☒ Cull Summary(Summary of Attrition Costs for Culls)
- ☒ Cull Summary(Actual Attrition Metrics for Culls)
- ☒ Cull Summary(Actual Cull Pigs by Weight Range)
- ☒ Cull Summary(Actual Lost Opportunity Costs by Wei
- ☒ Attrition Losses Summary(Summary of Lost Opportu
- ☒ Attrition Losses Summary(Lost Opportunity/Pigs Pl

User Inputs

Growth Parameters

Assumptions

Attrition Y

Home

Data Summary

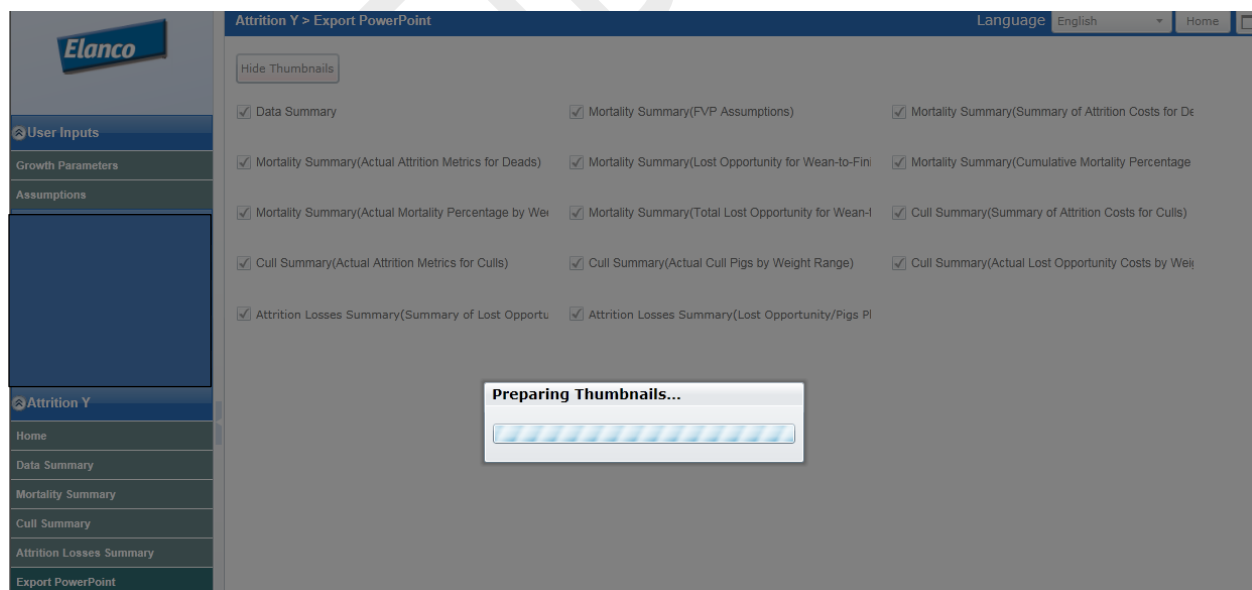
Mortality Summary

Cull Summary

Attrition Losses Summary

Export PowerPoint

Step 2



Elanco

Attrition Y > Export PowerPoint

Language English Home

Hide Thumbnails

Preparing Thumbnails...

- ☒ Data Summary
- ☒ Mortality Summary(FVP Assumptions)
- ☒ Mortality Summary(Summary of Attrition Costs for De
- ☒ Mortality Summary(Actual Attrition Metrics for Deaths)
- ☒ Mortality Summary(Lost Opportunity for Wean-to-Fin
- ☒ Mortality Summary(Cumulative Mortality Percentage
- ☒ Mortality Summary(Actual Mortality Percentage by Wei
- ☒ Mortality Summary(Total Lost Opportunity for Wean-I
- ☒ Cull Summary(Summary of Attrition Costs for Culls)
- ☒ Cull Summary(Actual Attrition Metrics for Culls)
- ☒ Cull Summary(Actual Cull Pigs by Weight Range)
- ☒ Cull Summary(Actual Lost Opportunity Costs by Wei
- ☒ Attrition Losses Summary(Summary of Lost Opportu
- ☒ Attrition Losses Summary(Lost Opportunity/Pigs Pl

User Inputs

Growth Parameters

Assumptions

Attrition Y

Home

Data Summary

Mortality Summary

Cull Summary

Attrition Losses Summary

Export PowerPoint

Step 3

Elanco

Attrition Y > Export PowerPoint

Language English Home

Hide Thumbnails

Export PPT

Click "Export PPT"

Check all thumbs to export to PowerPoint (default set to all)

Export PowerPoint

Pigs with Maximum MOFC Sold to Primary Packer

Parameter	Total	Owned pig	Stray owned
Pig Price, \$/kg	1.73	1.73	1.73
Average Live Weight, kg	142.0	142.0	142.0
Total Revenue, \$/pig	\$245.66	\$245.66	\$245.66
Total Feed Cost, \$/pig	\$119.21	\$119.21	\$119.21
Margin Over Feed Cost (MOFC), \$/pig	\$126.45	\$126.45	\$126.45

Mortality Summary (Summary of Attrition Costs for De

Step 4

The screenshot displays the Elanco Attrition Y software interface. On the left, a sidebar contains navigation options: 'User Inputs', 'Growth Parameters', 'Assumptions', 'Attrition Y' (selected), 'Home', 'Data Summary', 'Mortality Summary', 'Cull Summary', 'Attrition Losses Summary', and 'Export PowerPoint'. The 'Attrition Y' section is active, showing a 'Data Summary' tab. The main window features a 'Save As' dialog box for a file named 'Attrition Y demo_122013.pptx' in the 'Demo' folder. The file type is set to 'PowerPoint 2007 (*.pptx)'. Two black arrows point to the 'Save' and 'Cancel' buttons. In the background, a table titled 'Table' shows attrition costs for various categories, including 'Table', 'Shaved pig', and 'Stage 1 meat'.

Step 5

Elanco

Attrition Y > Export PowerPoint

Language English Home

Hide Thumbnails Export PPT

Note: Only the checked thumbs will be exported into PPT file.

Exporting PowerPoint File...

☒ Data Summary ☒ Mortality Summary(Summary of Attrition Costs for De

CONFIDENTIAL

- Once file is exported, go to folder where file is saved
- Open PowerPoint file to review presentation