



NATIONAL

PIG HERD PERFORMANCE

REPORT

2011

TEAGASC PIG DEVELOPMENT DEPARTMENT

JUNE 2012

SOW PRODUCTIVITY**Year 2011**

Number of Herds	83
Average Herd Size	699
Average Number Maiden Gilts	87
Litters per Sow per Year	2.31
Average Weaning Age days	29
Empty Days per Litter	15
Number Born Alive per Litter	12.33
Number Born Dead per Litter	0.84
Piglet Mortality %	10.7
Weaner Mortality %	2.53
Finisher Mortality %	2.73
Number Pigs Produced per Sow per Year	24.1
Sow Culling Rate %	49.9
Sow Mortality %	6.1
Feed per Sow per Year Tonnes	1.25

GROWING PIG PERFORMANCE 2012

Number of Herds	77
Average Weaning Weight kg	6.9
Average Live Weight at Sale kg	102.8
Average Dead Weight at Sale kg	78.4
Kill Out %	76.3
Lean Meat %	58.4
Daily Feed Intake g	1608
Average Daily Gain g	638
Feed Conversion	2.53

WEANER PERFORMANCE**Year 2011**

Number of Herds	83
Average Weaning Weight kg	6.9
Average Weaner Transfer/Sale Weight kg	36.5
Creep Feed per Weaner kg	3.2
Link Feed per Weaner kg	5.9
Weaner Feed per Weaner kg	44.6
Total Feed per Weaner kg	53.7
Daily Feed Intake g	834
Average Daily Gain g	462
Weaner Feed Conversion	1.82

FINISHER PERFORMANCE**Year 2011**

Number of Herds	77
Average Weight In kg	36.8
Average Live Weight at Sale kg	102.8
Average Dead Weight at Sale kg	78.4
Kill Out %	76.3
Lean Meat %	58.4
Daily Feed Intake g	2290
Average Daily Gain g	804
Feed Conversion	2.87

PRODUCTION COSTS**Year 2011**

COST	c per kg	No. Herds	
Feed	110	70	
COMMON			
Healthcare	6.1	61	
Heat, Power Light	4.2	57	
Transport	1.1	56	
AI	1.5	65	
Manure	1.9	35	
Labour/Management	13.9	62	
Repairs	2	61	
Phone/Office	0.5	49	
Environment	0.4	42	
Insurance	0.6	61	
Stock Depreciation	0.3	83	
Miscellaneous	1.4	59	
Total Common Costs	33.9		
HERD SPECIFIC			
Interest	2	24	
Building Depreciation	3.1	20	
Total Herd Specific Costs	5.1		
Feed	110		
Common	33.9		
Herd Specific	5.1	Loan Repayment per kg dead c	8.6
Total Production Cost	149	Cash Breakeven c per kg dead	152.5

FEED PRICE ANALYSIS**PIG PRICE ANALYSIS**

Feed	Price per tonne €		
Sow	277.80	Average Liveweight kg	102.8
Creep	874.61	Average Deadweight kg	78.4
Link	574.37	Lean Meat %	58.4
Weaner	330.25	Average Price per Kg Dead c	151.0
Finisher	272.50		
Composite	296.36		

SOW PRODUCTIVITY ANALYSIS**Year 2011****Top 25% of Herds selected on Number Pigs Produced Per Sow per Year**

	Top 25%	Average
Number of Herds	21	83
Average Herd Size	681	699
Number Pigs Produced per Sow per Year	25.8	24.1
Litters per Sow per Year	2.37	2.31
Weaning Age - days	27	29
Empty Days per Litter	12	15
Number Born Alive per Litter	12.46	12.33
Number Born Dead per Litter	0.78	0.84
Piglet Mortality %	9.3	10.7
Weaner Mortality %	1.9	2.53
Finisher Mortality %	2.1	2.73
Sow Culling Rate % per Year	51.2	49.9
Sow Mortality % per Year	4.6	6.1
Adjusted Feed per Sow per Year tonnes	1.23	1.25

Top 25% of Herds selected on Number Pigs Born Alive per Litter

	Top 25%	<u>Year 2011</u> Average
Number of Herds	21	83
Average Herd Size	787	699
Number Pigs Produced per Sow per Year	24.8	24.1
Number of Litters per Sow per Year	2.32	2.31
Weaning Age - days	29	29
Empty Days per Litter	13	15
Number Born Alive per Litter	12.9	12.33
Number Born Dead per Litter	0.94	0.84
Piglet Mortality %	11.8	10.7
Weaner Mortality %	3	2.53
Finisher Mortality %	3.2	2.73
Sow Culling Rate % per Year	50.2	49.9
Sow Mortality % per Year	6	6.1
Adjusted Feed per Sow per Year tonnes	1.28	1.25

Top 25% of Herds selected on Number Litters per Sow per Year

	Top 25%	<u>Year 2011</u> Average
Number of Herds	21	83
Average Herd Size	872	699
Number Pigs Produced per Sow per Year	25	24.1
Number of Litters per Sow per Year	2.38	2.31
Weaning Age - days	28	29
Empty Days per Litter	11	15
Number Born Alive per Litter	12.46	12.33
Number Born Dead per Litter	0.83	0.84
Piglet Mortality %	10.6	10.7
Weaner Mortality %	2.9	2.53
Finisher Mortality %	3.2	2.73
Sow Culling Rate % per Year	54.4	49.9
Sow Mortality % per Year	6	6.1
	5.7	
Adjusted Feed per Sow per Year tonnes	1.23	1.25

Top 25% of Herds selected on Piglet Mortality

	Top 25%	<u>Year 2011</u> Average
Number of Herds	21	83
Average Herd Size	532	699
Number Pigs Produced per Sow per Year	25	24.1
Number of Litters per Sow per Year	2.34	2.31
Weaning Age - days	28	29
Empty Days per Litter	14	15
Number Born Alive per Litter	12.02	12.33
Number Born Dead per Litter	0.72	0.84
Piglet Mortality %	7.4	10.7
Weaner Mortality %	1.95	2.53
Finisher Mortality %	2.39	2.73
Sow Culling Rate % per Year	46	49.9
Sow Mortality % per Year	5	6.1
Adjusted Feed per Sow per Year tonnes	1.2	1.25

Sow Productivity by Herd Size

Year 2011

Quartile	1 Smallest	2 Second Smallest	3 Second Largest	4 Largest	Average
Number of Herds	21	21	20	21	83
Average Herd Size	199	452	660	1336	699
Number Pigs Produced per Sow per Year	23.5	23.7	24.4	24.3	24.1
Number of Litters per Sow per Year	2.29	2.28	2.32	2.32	2.31
Weaning Age - days	28	29	28	29	29
Empty Days per Litter	16	17	16	13	15
Number Born Alive per Litter	12.02	12.24	12.25	12.46	12.33
Number Born Dead per Litter	0.77	0.94	0.81	0.84	0.84
Piglet Mortality %	10.2	10.9	10	11.2	10.7
Weaner Mortality %	2.38	2.22	2.64	2.68	2.53
Finisher Mortality %	2.7	2.13	2.52	2.94	2.73
Sow Culling Rate % per Year	45.1	50.1	50.8	50.8	49.9
Sow Mortality % per Year	5.6	5.7	5.1	6.7	6.1
Adjusted Feed per Sow per Year tonnes	1.25	1.25	1.25	1.25	1.25

GROWING PIG PERFORMANCE ANALYSIS

Top 25% of Herds selected on Growth Rate Weaning to Sale

	Top 25%	<u>Year 2011</u> Average
Number of Herds	19	77
Average Herd Size	722	561
Average Weaning Weight kg	6.6	6.9
Average Live Weight at Sale kg	105.8	102.8
Average Dead Weight at Sale kg	80.8	78.4
Kill Out %	76.4	76.3
Daily Feed Intake g	1685	1608
Average Daily Gain g	692	638
Feed Conversion	2.44	2.53
Weaners		
Daily Feed Intake g	909	834
Average Daily Gain g	492	462
Feed Conversion	1.86	1.82
Creep Feed per pig kg	3.5	3.2
Link Feed per Pig kg	7.4	5.9
Average Weaner Transfer Weight kg	38.7	36.5
Finishers		
Daily Feed Intake g	2370	2290
Average Daily Gain g	871	804
Feed Conversion	2.73	2.87

Top 25% of Herds selected on Feed Conversion Weaning to Sale

	Top 25%	<u>Year 2011</u> Average
Number of Herds	19	77
Average Herd Size	589	561
Average Weaning Weight kg	6.4	6.9
Average Live Weight at Sale kg	101.8	102.8
Average Dead Weight at Sale kg	77.6	78.4
Kill Out %	76.3	76.3
Daily Feed Intake g	1570	1608
Average Daily Gain g	669	638
Feed Conversion	2.35	2.53
Average Feed Price per Tonne €	298.62	296.36
Weaners		
Daily Feed Intake g	850	834
Average Daily Gain g	469	462
Feed Conversion	1.83	1.82
Creep Feed per pig kg	3.1	3.2
Link Feed per Pig kg	6	5.9
Average Weaner Transfer Weight kg	36.3	36.5
Finishers		
Daily Feed Intake g	2202	2290
Average Daily Gain g	850	804
Feed Conversion	2.6	2.87