

USA- 2004- Year end summary report

Total number of farms included for summary report= 225

PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Number repeat services	472.42	103.00	984.00
Percent repeat services	13.17	7.10	19.90
Total number of services	3768.60	7573.00	896.00
Number of sows farrowed	3024.52	6388.00	721.00
Farrowing rate	77.72	85.40	67.80
Total pigs born	35031.81	72304.00	8220.00
Average total pigs per litter	11.51	12.40	10.70
Total pigs born alive	31399.66	65186.00	7147.00
Average pigs born alive/litter	10.34	11.20	9.40
litters/fem/yr * ave pigs born alive per litter	23.26	26.18	19.99
Total stillborn pigs	2765.66	578.00	5953.00
Average stillborn pigs	0.92	0.60	1.30
Total mummified pigs born	866.49	82.00	1904.00
Average mummies per litter	0.25	0.10	0.40
Sows farrowed and weaned	2937.29	6075.00	690.00
Total pigs weaned	27323.94	56896.00	6239.00
Pigs weaned per litter weaned	9.10	9.80	8.30
Pre-weaning mortality	12.47	8.40	17.70
Average piglet weaning weight	12.20	14.00	11.00
Average age at weaning	18.23	20.30	16.10
Pigs wnd / mated female / yr	21.25	23.70	18.20
Pigs wnd / female / year	20.27	23.10	17.30
Ending boar inventory	17.80	33.00	0.00
Females entered	740.06	1516.00	155.00
Sows and gilts culled	607.01	126.00	1244.00
Culling rate	43.82	29.10	58.90
Sow and gilt deaths	118.83	18.00	289.00
Death rate	7.87	3.70	12.00
ave female inv - ave gilt pool inv	1296.28	2642.20	323.90

USA 2004- 1st Quarter (Number of Herds= 201)

Measurement	Mean	Upper 10 percentile	Lower 10 percentile
Average parity	2.71	3.4	2
Percent multiple matings	88.49	99.2	78
Percent repeat services	12.57	6	19
Ave non-productive sow days	59.41	37.6	85.2
Ave parity of culled sows	4.16	5.8	2.6
Ave parity of farrowed sows	3.66	4.4	3
Average age at weaning	18.08	15.5	20.5
Average female inventory	1415.95	2862.8	279.6
Average gestation length	115.39	116	115
Average gilt pool inventory	61.23	137.8	0.1
Average mummies per litter	0.28	0.1	0.5
Average pigs born alive/litter	10.38	11.2	9.5
Average stillborn pigs	0.97	0.5	1.4
Average total pigs per litter	11.63	12.6	10.7
Culling rate	42.36	24.2	62.5
Death rate	8.4	2.8	13.9
Entry - 1st service interval	30.01	0	66.7
Farrowing interval	148.18	141	156
Farrowing rate	73.78	86	58.3
Litters / female / year	2.32	2.5	2.1
Litters / mated female / year	2.43	2.6	2.3
Old lits / mated female / year	2.22	2.6	1.8
Old pigs wnd / Inv. female / y	19.29	23.1	15.2
Percent less than 7 born live	12.54	7.3	17.5
Percent sows bred by 7 days	87.36	95.1	79.1
Pigs weaned / lifetime female	35.01	50	22
Pigs weaned per litter weaned	9.1	10	8
Pigs weaned per sow	8.97	10	7.9
Pigs wnd / female / year	20.82	23.6	17.3
Pigs wnd / mated female / yr	21.81	24.8	18.6
PWM for farrowed and weaned	14.18	9.4	20.3
Replacement rate	49.61	18.8	75.3
Weaning - 1st service interval	6.96	5.3	8.6

USA 2004- 2nd Quarter (N= 265)

Measurement	Mean	Upper 10 percentile	Lower 10 percentile
Average parity	2.72	3.4	2.1
Percent multiple matings	88.17	99.5	76.9
Percent repeat services	11.79	5.5	18.6
Ave non-productive sow days	58.65	36.9	82.3
Ave parity of culled sows	4.3	5.8	2.7
Ave parity of farrowed sows	3.62	4.3	2.9
Average age at weaning	18.51	21	16
Average female inventory	1384.05	2756	288.3
Average gestation length	115.45	116	115
Average gilt pool inventory	62.71	146.2	0
Average mummies per litter	0.24	0.1	0.4
Average pigs born alive/litter	10.45	11.2	9.6
Average stillborn pigs	0.96	0.6	1.3
Average total pigs per litter	11.66	12.7	10.7
Culling rate	40.56	20.9	61.9
Death rate	7.4	1.8	13.1
Entry - 1st service interval	28.69	61.3	0
Farrowing interval	147.77	141	158
Farrowing rate	75.27	86.7	56.8
Litters / female / year	2.32	2.47	2.12
Litters / mated female / year	2.42	2.54	2.26
Old lits / mated female / year	2.19	2.5	1.71
Old pigs wnd / Inv. female / y	20.09	23.3	16.4
Percent less than 7 born live	11.54	7	17.2
Percent sows bred by 7 days	86.13	94.8	75.4
Pigs weaned / lifetime female	36.66	50	24
Pigs weaned per litter weaned	9.25	10	8.4
Pigs weaned per sow	9.18	10	8.4
Pigs wnd / female / year	21.32	23.8	18.6
Pigs wnd / mated female / yr	22.27	24.8	19.5
PWM for farrowed and weaned	12.57	8.4	16.9
Replacement rate	50.56	20.3	78
Weaning - 1st service interval	7.14	5.4	8.9

USA 2004- 3rd Quarter (N= 269)

(Number of farms in the CD=377, 87 farms were excluded for not having data for the entire 3rd quarter and 21 farms were excluded for change in inventory >40%)

Measurement	Mean	Upper 10 percentile	Lower 10 percentile
Average parity	2.6	3.4	2
Percent multiple matings	91.08	99.5	79.9
Percent repeat services	13.17	6.7	19.9
Ave non-productive sow days	63.08	40.6	89.8
Ave parity of culled sows	4.13	2.4	5.9
Ave parity of farrowed sows	3.54	4.3	2.8
Average age at weaning	18.19	20.7	15.9
Average female inventory	1482.7	2835.9	317.2
Average gestation length	115.28	116	114
Average gilt pool inventory	85.08	180.4	0
Average mummies per litter	0.23	0.1	0.4
Average pigs born alive/litter	10.44	11.2	9.6
Average stillborn pigs	9.94	0.6	1.3
Average total pigs per litter	11.61	12.5	10.7
Culling rate	44.96	25.5	65.9
Death rate	7.75	13.4	2.6
Entry - 1st service interval	31.02	62.7	0
Farrowing interval	145.87	140	153
Farrowing rate	75.81	85.7	59.5
Litters / female / year	2.28	2.46	2.07
Litters / mated female / year	2.4	2.53	2.25
Old lits / mated female / year	2.23	2.53	1.8
Old pigs wnd / Inv. female / y	20.5	23.8	16.3
Percent less than 7 born live	11.57	7	16.6
Percent sows bred by 7 days	82.47	93.5	68.7
Pigs weaned / lifetime female	35.46	50	20
Pigs weaned per litter weaned	9.23	10	8.4
Pigs weaned per sow	9.18	9.9	8.3
Pigs wnd / female / year	20.98	23.7	18.1
Pigs wnd / mated female / yr	22.07	24.5	19.4
PWM for farrowed and weaned	12.45	8.6	16.7
Replacement rate	52.4	23.3	79.8
Weaning - 1st service interval	7.65	5.5	10.1

USA 2004, 4th quarter summary report

Total number of farms included for summary report= 225

Variable	Mean	Upper 10 percentile	Lower 10 percentile
Percent repeat services	14.09	6.90	23.50
Percent multiple matings	89.37	99.50	80.90
Entry - 1st service interval	29.92	63.50	0.00
Percent sows bred by 7 days	85.75	93.90	76.40
Weaning - 1st service interval	7.47	5.50	9.80
Ave parity of farrowed sows	3.68	4.40	3.00
Average gestation length	115.29	116.00	114.00
Farrowing interval	147.04	141.00	152.00
Farrowing rate	73.25	84.60	57.90
Average total pigs per litter	11.49	12.40	10.50
Average pigs born alive/litter	10.33	11.20	9.50
Average stillborn pigs	0.92	.60	1.30
Average mummies per litter	0.24	0.10	0.40
Percent less than 7 born live	12.25	7.00	17.30
PWM for farrowed and weaned	13.67	8.90	18.20
Old lits / mated female / year	2.15	2.48	1.68
Litters / mated female / year	2.39	2.53	2.16
Litters / female / year	2.28	2.46	2.08
Pigs weaned per litter weaned	9.10	9.90	8.30
Pigs weaned per sow	9.01	9.80	8.10
Average age at weaning	18.59	20.70	16.10
Pigs wnd / mated female / yr	21.58	24.50	18.40
Old pigs wnd / Inv. female / y	19.08	22.70	14.50
Pigs wnd / female / year	20.60	23.60	17.10
Pigs weaned / lifetime female	36.74	50.00	23.00
Average female inventory	1359.92	2748.80	325.90
Average parity	2.72	3.50	2.00
Replacement rate	51.77	17.20	79.20
Culling rate	44.37	25.20	63.50
Death rate	7.75	2.80	13.50
Ave parity of culled sows	4.27	5.90	2.80
Average gilt pool inventory	67.09	158.80	0.00
Ave non-productive sow days	63.45	39.00	93.20