



PigCHAMP Benchmarking

USA-2005- Annual Summary Number of farms = 574

Pigcare variables	PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	442.06	945.00	99.00
% Repeat services	Percent repeat services	12.44	19.90	6.40
Total services	Total number of services	3882.16	8161.00	885.00
Farrowings	Number of sows farrowed	3135.89	6606.00	699.00
Farrowing rate	Farrowing rate	78.54	86.60	70.20
Total born	Total pigs born	37623.34	81043.00	8049.00
Total born per litter	Average total pigs per litter (N=571)	11.93	12.87	11.00
Total liveborn	Total pigs born alive	33757.55	73406.00	7477.00
Liveborn per litter	Average pigs born alive/litter	10.64	11.50	9.80
Liveborn/female/year	Litters/female/yr*avg pigs bornalive/litter	23.72	26.92	20.81
Total stillborn	Total stillborn pigs	2830.36	6307.00	562.00
Stillborn per litter	Average stillborn pigs	0.91	1.29	0.60
Total mummified	Total mummified pigs born	826.69	2059.00	46.00
Mummified per litter	Average mummies per litter	0.23	0.40	0.06
Sows weaned	Sows farrowed and weaned	3079.36	6516.00	671.00
Piglets weaned	Total pigs weaned	29217.29	63563.00	6443.00
Piglets weaned per litter	Pigs weaned per litter weaned	9.27	10.02	8.50
% Total losses of liveborn	Pre-weaning mortality	12.18	16.90	8.00
Piglets age at weaning	Average age at weaning	18.49	20.50	16.70
Piglets weaned/sow/year	Pigs wnd / mated female / yr	21.78	24.60	18.80
Piglets weaned/female/year	Pigs wnd / female / year	20.63	23.60	17.60
Sows added	Females entered	840.76	1713.00	155.00
Sows culled or sold	Sows and gilts culled	698.29	1435.00	137.00
% Cull per year	Culling rate	51.15	64.40	32.90
Sows died	Sow and gilt deaths	127.93	292.00	21.00
% sow deaths per year	Death rate	8.94	13.20	4.80
Total sows	Ave female inv - Ave gilt pool inv	1332.04	2739.00	315.00



PigCHAMP Benchmarking

USA-2005- 1st Quarter summary (N=515)

PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Percent repeat services	12.48	5.80	21.50
Total number of services	870.11	1916.00	221.00
Number of sows farrowed	694.36	1581.00	174.00
Farrowing rate	79.13	89.70	65.50
Total pigs born	8252.64	19193.00	2086.00
Average total pigs per litter	11.83	12.77	10.90
Total pigs born alive	7424.76	17164.00	1831.00
Average pigs born alive/litter	10.66	11.54	9.70
litters/fem/yr * ave pigs born alive per litter	24.52	27.67	20.90
Total stillborn pigs	629.70	1448.00	135.00
Average stillborn pigs	0.93	0.60	1.32
Total mummified pigs born	198.17	449.00	13.00
Average mummies per litter	0.25	0.05	0.41
Sows farrowed and weaned	640.72	1418.00	159.00
Total pigs weaned	6428.50	14887.00	1530.00
Pigs weaned per litter weaned	9.31	10.19	8.40
Pre-weaning mortality	12.20	16.80	7.54
Average litter weaning weight (N=210)	114.16	151.00	88.00
Average age at weaning	18.46	20.70	16.10
Pigs wnd / mated female / yr	22.41	25.50	19.07
Pigs wnd / female / year	21.24	24.10	17.60
Ending boar inventory	12.28	24.00	0.00
Females entered	170.35	403.00	34.00
Sows and gilts culled	145.18	334.00	35.00
Culling rate	48.34	28.60	71.30
Sow and gilt deaths	27.83	65.00	4.00
Death rate	8.30	3.80	13.40
ave female inv - ave gilt pool inv	1214.03	2655.90	318.40



PigCHAMP Benchmarking

USA-2005- 2nd qtr summary

Total number of farms included for summary report=590

Pigcare variables	PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services N=587	105.10	231.00	20.00
% Repeat services	Percent repeat services N=587	11.63	19.30	5.20
Total services	Total number of services	982.54	1963.50	217.00
Farrowings	Number of sows farrowed	811.96	1685.00	170.50
Farrowing rate	Farrowing rate	77.83	88.05	64.60
Total born	Total pigs born	9710.13	20597.00	2025.00
Total born per litter	Average total pigs per litter	11.88	12.77	10.90
Total liveborn	Total pigs born alive	8767.88	18580.50	1858.50
Liveborn per litter	Average pigs born alive/litter	10.76	11.58	9.90
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	24.69	27.96	21.75
Total stillborn	Total stillborn pigs	722.62	1659.50	127.50
Stillborn per litter	Average stillborn pigs	0.88	1.20	0.52
Total mummified	Total mummified pigs born	219.64	569.00	9.50
Mummified per litter	Average mummies per litter	0.24	0.40	0.07
Sows weaned	Sows farrowed and weaned	739.22	1564.00	168.50
Piglets weaned	Total pigs weaned	7765.94	17158.50	1699.00
Piglets weaned per litter	Pigs weaned per litter weaned	9.48	10.28	8.60
% Total losses of liveborn	Pre-weaning mortality	11.70	16.47	7.48
Average weaned weight	Average litter weaning weight (N=230)	117.87	150.50	92.50
Piglets age at weaning	Average age at weaning	18.57	20.70	16.30
Piglets weaned/sow/year	Pigs wnd / mated female / yr	22.77	25.32	19.71
Piglets weaned/female/year	Pigs wnd / female / year	21.68	24.40	18.80
Total boars	Ending boar inventory	11.46	23.00	0.00
Sows added	Females entered	193.37	438.50	32.00
Sows culled or sold	Sows and gilts culled	165.08	372.50	25.50
% Cull per year	Culling rate	45.80	64.35	23.15
Sows died	Sow and gilt deaths	31.03	76.50	4.00
% sow deaths per year	Death rate	7.99	12.90	3.25
Total sows	ave female inv - ave gilt pool inv	1394.15	2803.50	322.00



PigCHAMP Benchmarking

USA-2005- 3rd qtr summary (N=551)

Pigcare variables	PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services (550)	121.89	272.00	27.00
% Repeat services	Percent repeat services	13.64	22.10	6.80
Total services	Total number of services	989.39	2016.00	233.00
Farrowings	Number of sows farrowed	820.66	1742.00	204.00
Farrowing rate	Farrowing rate	79.32	88.20	67.00
Total born	Total pigs born (550)	9857.12	21473.50	2284.00
Total born per litter	Average total pigs per litter (549)	11.89	12.87	10.80
Total liveborn	Total pigs born alive (550)	8901.67	19170.00	2020.00
Liveborn per litter	Average pigs born alive/litter	10.70	11.60	9.80
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter (550)	24.20	27.45	20.62
Total stillborn	Total stillborn pigs (550)	737.95	1589.50	146.50
Stillborn per litter	Average stillborn pigs (550)	0.91	1.30	0.54
Total mummified	Total mummified pigs born (550)	214.38	560.50	12.50
Mummified per litter	Average mummies per litter (550)	0.23	0.40	0.05
Sows weaned	Sows farrowed and weaned (550)	758.21	1605.00	183.00
Piglets weaned	Total pigs weaned	7751.11	17034.00	1776.00
Piglets weaned per litter	Pigs weaned per litter weaned (550)	9.33	10.10	8.50
% Total losses of liveborn	Pre-weaning mortality	12.55	17.43	8.18
Average weaned weight	Average litter weaning weight (197)	114.49	144.00	86.60
Piglets age at weaning	Average age at weaning	18.51	20.40	16.50
Piglets weaned/sow/year	Pigs wnd / mated female / yr	22.27	25.46	19.20
Piglets weaned/female/year	Pigs wnd / female / year (550)	21.10	24.30	17.83
Total boars	Ending boar inventory	9.97	21.00	0.00
Sows added	Females entered (550)	199.67	470.50	28.00
Sows culled or sold	Sows and gilts culled	171.93	353.00	33.00
% Cull per year	Culling rate	49.57	69.90	24.40
Sows died	Sow and gilt deaths	34.52	78.00	5.00
% sow deaths per year	Death rate	9.63	15.90	4.30
Total sows	ave female inv - ave gilt pool inv	1378.72	2804.40	358.00



PigCHAMP Benchmarking

USA-2005- 4th Qtr summary Number of farms = 583

Pigcare variables	PigCHAMP variables used	Mean	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	120.21	264.00	24.00
% Repeat services	Percent repeat services	13.19	22.30	5.90
Total services	Total number of services	998.37	2029.00	230.00
Farrowings	Number of sows farrowed	780.68	1641.00	166.00
Farrowing rate	Farrowing rate	75.23	86.30	63.60
Total born	Total pigs born	9312.32	20251.00	1929.00
Total born per litter	Average total pigs per litter (N=579)	11.84	12.80	10.87
Total liveborn	Total pigs born alive	8377.13	18184.00	1739.00
Liveborn per litter	Average pigs born alive/litter	10.54	11.53	9.70
Liveborn/female/year	Litters/fem/yr*avg pigs born/litter	23.24	27.02	19.57
Total stillborn	Total stillborn pigs	689.68	1484.00	128.00
Stillborn per litter	Average stillborn pigs	0.92	1.30	0.55
Total mummified	Total mummified pigs born	197.03	499.00	9.00
Mummified per litter	Average mummies per litter	0.23	0.40	0.04
Sows weaned	Sows farrowed and weaned	728.86	1570.00	152.00
Piglets weaned	Total pigs weaned	7246.80	15889.00	1501.00
Piglets weaned per litter	Pigs weaned per litter weaned	9.12	10.08	8.30
% Total losses of liveborn	Pre-weaning mortality	12.68	18.40	7.90
Piglets age at weaning	Average age at weaning	18.84	21.10	16.70
Piglets weaned/sow/yr	Pigs wnd / mated female / yr	21.32	24.50	18.10
Piglets weaned/female/yr	Pigs wnd/female/year	20.14	23.70	16.82
Sows added	Females entered	196.57	413.00	23.00
Sows culled or sold	Sows and gilts culled	181.12	371.00	31.00
% Cull per year	Culling rate	51.10	68.70	26.80
Sows died	Sow and gilt deaths	30.75	70.00	4.00
% sow deaths per year	Death rate (N=581)	8.24	13.30	3.60
Total sows	Ave female inv - Ave gilt pool inv	1356.94	2744.20	309.00