



USA 2007 year end

Farms used for summary= 371

<b>Pigcare variables</b>	<b>Mean</b>	<b>SD</b>	<b>Median</b>	<b>Upper 10 percentile</b>	<b>Lower 10 percentile</b>
Repeat services	404.09	397.176	258.00	884.00	81.00
% Repeat services	12.12	6.555	10.80	20.70	4.90
Total services	3809.39	3615.624	2106.00	8166.00	979.00
Farrowings	3063.41	2960.689	1660.00	6710.00	764.00
Farrowing rate	79.06	7.851	80.60	87.80	68.60
Total born	38303.38	37979.124	20320.00	84096.00	9189.00
Total born per litter	12.34	0.762	12.40	13.25	11.30
Total liveborn	34158.49	33771.838	18169.00	74588.00	8113.00
Liveborn per litter	11.06	0.704	11.10	11.88	10.10
Liveborn/female/year	23.93	2.980	24.31	27.20	20.30
Total stillborn	2825.43	2916.132	1559.00	6553.00	611.00
Stillborn per litter	0.95	0.292	0.92	1.30	0.60
Total mummified	895.57	1229.399	400.00	2297.00	42.00
Mummified per litter	0.24	0.183	0.20	0.40	0.04
Sows weaned	3070.02	3001.704	1694.00	6746.00	756.00
Piglets weaned	29862.78	29449.070	15928.00	67241.00	7125.00
Piglets weaned per litter	9.60	0.693	9.69	10.40	8.70
% Total losses of liveborn	12.26	3.685	12.17	16.60	8.14
Average weaned weight	114.67	34.318	120.60	146.85	84.45
Piglets age at weaning	19.26	1.894	19.50	20.90	17.30
Piglets weaned/sow/year	22.16	2.742	22.40	25.50	18.95
Piglets weaned/female/year	20.89	2.812	21.10	24.10	17.76
Total boars	11.44	29.940	4.00	24.00	0.00
Sows added	793.01	943.280	394.00	1799.00	169.00
Sows culled or sold	671.21	732.822	346.00	1528.00	141.00
% Cull per year	48.65	17.035	47.00	66.10	32.10
Sows died	126.61	136.732	66.00	312.00	22.00
% sow deaths per year	8.74	3.222	8.70	12.50	4.80
Total sows	1318.72	1250.590	740.40	2792.00	338.00



USA 2007- 1<sup>st</sup> quarter summary Farms used for the summary = 420

Pigcare variables	PigCHAMP variables used	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	98.90	120.572	59.00	227.00	16.50
% Repeat services	Percent repeat services	11.89	6.879	10.30	20.90	4.40
Total services	Total number of services	906.76	917.054	479.50	2006.50	230.00
Farrowings	Number of sows farrowed	785.98	1318.975	395.50	1665.00	170.00
Farrowing rate	Farrowing rate	77.98	9.784	80.20	88.10	65.35
Total born	Total pigs born	9046.37	9392.032	4802.00	20478.50	2081.00
Total born per litter	Average total pigs per litter	12.15	0.993	12.23	13.22	11.09
Total liveborn	Total pigs born alive	8129.68	8448.861	4335.00	18534.50	1882.00
Liveborn per litter	Average pigs born alive/litter	11.35	5.665	11.02	12.02	9.85
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	24.67	3.472	25.18	28.42	20.58
Total stillborn	Total stillborn pigs	677.04	714.472	376.00	1555.00	140.00
Stillborn per litter	Average stillborn pigs	0.98	0.496	0.90	1.40	0.60
Total mummified	Total mummified pigs born	214.67	354.349	82.00	554.00	9.00
Mummified per litter	Average mummies per litter	0.24	0.245	0.20	0.43	0.03
Sows weaned	Sows farrowed and weaned	698.30	725.932	369.50	1619.00	166.00
Piglets weaned	Total pigs weaned	7029.91	7299.688	3742.50	16335.00	1644.00
Piglets weaned per litter	Pigs weaned per litter weaned	9.54	0.908	9.65	10.30	8.60
% Total losses of liveborn	Pre-weaning mortality	12.19	4.777	11.80	17.30	6.94
Average weaned weight	Average litter weaning weight (N=110)	118.61	34.417	120.50	148.00	90.00
Piglets age at weaning	Average age at weaning	19.15	1.831	19.30	20.95	17.05
Piglets weaned/sow/year	Pigs wnd / mated female / yr	22.87	6.055	23.15	25.90	18.94
Piglets weaned/female/year	Pigs wnd / female / year	21.42	3.164	21.87	24.84	17.86
Total boars	Ending boar inventory	10.64	33.209	4.00	18.50	0.00
Sows added	Females entered	205.20	286.690	100.00	474.50	35.00
Sows culled or sold	Sows and gilts culled	168.74	234.054	88.50	386.50	30.00
% Cull per year	Culling rate	51.31	28.410	47.20	74.20	27.15
Sows died	Sow and gilt deaths	29.29	36.032	15.00	74.50	4.00
% sow deaths per year	Death rate	8.59	3.997	8.40	14.05	3.70
Total sows	Ave female inv - Ave gilt pool inv	1263.84	1261.863	689.45	2758.40	316.95



USA – 2<sup>nd</sup> quarter 2007

Total farms used for summary = 390

<b>Pigcare variables</b>	<b>PigCHAMP variables used</b>	<b>Mean</b>	<b>SD</b>	<b>Median</b>	<b>Upper 10 percentile</b>	<b>Lower 10 percentile</b>
Repeat services	Number repeat services	95.18	103.728	60.00	219.50	16.50
% Repeat services	Percent repeat services	11.00	6.283	9.60	19.20	4.40
Total services	Total number of services	952.75	950.558	503.50	2073.00	224.00
Farrowings	Number of sows farrowed	772.82	794.385	406.00	1684.50	169.00
Farrowing rate	Farrowing rate	78.87	12.029	81.15	89.35	66.20
Total born	Total pigs born	9558.59	9944.341	4831.00	21028.50	2051.50
Total born per litter	Average total pigs per litter (N=387)	12.26	0.845	12.34	13.22	11.15
Total liveborn	Total pigs born alive	8586.44	8889.395	4352.50	18851.50	1862.50
Liveborn per litter	Average pigs born alive/litter	11.80	8.087	11.15	12.00	10.05
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	24.29	4.351	25.08	28.06	19.94
Total stillborn	Total stillborn pigs	696.07	754.582	356.50	1653.00	129.00
Stillborn per litter	Average stillborn pigs	0.90	0.300	0.90	1.29	0.53
Total mummified	Total mummified pigs born	228.92	400.639	89.00	556.00	6.50
Mummified per litter	Average mummies per litter	0.24	0.189	0.20	0.40	0.02
Sows weaned	Sows farrowed and weaned	747.47	772.627	384.50	1645.00	157.50
Piglets weaned	Total pigs weaned	7537.61	7779.455	3883.00	17004.00	1524.50
Piglets weaned per litter	Pigs weaned per litter weaned	9.67	1.105	9.80	10.50	8.80
% Total losses of liveborn	Pre-weaning mortality	11.12	3.634	11.10	15.74	7.40
Average weaned weight	Average litter weaning weight (N=105)	116.82	38.545	125.00	153.00	71.00
Piglets age at weaning	Average age at weaning	19.04	2.594	19.30	21.00	16.90
Piglets weaned/sow/year	Pigs wnd / mated female / yr	22.45	3.877	23.00	26.06	18.91
Piglets weaned/female/year	Pigs wnd / female / year	21.30	3.868	21.85	24.96	17.54
Total boars	Ending boar inventory	10.48	31.037	4.00	18.50	0.00
Sows added	Females entered	218.85	329.621	93.00	518.50	36.00
Sows culled or sold	Sows and gilts culled	170.82	238.949	81.50	396.50	27.50
% Cull per year	Culling rate	49.96	57.262	44.85	67.40	23.65
Sows died	Sow and gilt deaths	30.86	40.869	14.00	80.50	4.00
% sow deaths per year	Death rate	9.70	32.101	7.65	13.20	3.30
Total sows	Ave female inv - Ave gilt pool inv	1329.80	1332.214	727.00	2793.00	304.50



# PigCHAMP Benchmarking

USA 2007- 3<sup>rd</sup> quarter summary

Farms used for summary = 373

<b>Pigcare variables</b>	<b>PigCHAMP variables used</b>	<b>Mean</b>	<b>SD</b>	<b>Median</b>	<b>Upper 10 percentile</b>	<b>Lower 10 percentile</b>
Repeat services	Number repeat services	116.04	121.258	75.00	249.00	22.00
% Repeat services	Percent repeat services	13.01	7.048	11.90	21.90	5.30
Total services	Total number of services	1006.24	986.530	545.00	2133.00	264.00
Farrowings	Number of sows farrowed	831.59	825.175	462.00	1714.00	214.00
Farrowing rate	Farrowing rate	80.63	8.130	82.10	89.20	70.90
Total born	Total pigs born	10252.95	10297.038	5398.00	21296.00	2598.00
Total born per litter	Average total pigs per litter	12.25	0.771	12.30	13.20	11.20
Total liveborn	Total pigs born alive	9205.06	9256.824	4876.00	19195.00	2317.00
Liveborn per litter	Average pigs born alive/litter	11.03	0.698	11.10	11.88	10.10
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	24.23	3.096	24.75	27.70	20.46
Total stillborn	Total stillborn pigs	760.56	782.402	447.00	1794.00	161.00
Stillborn per litter	Average stillborn pigs	0.97	0.606	0.90	1.30	0.58
Total mummified	Total mummified pigs born	225.45	332.676	106.00	575.00	13.00
Mummified per litter	Average mummies per litter	0.24	0.180	0.20	0.40	0.05
Sows weaned	Sows farrowed and weaned	800.25	784.965	456.00	1683.00	214.00
Piglets weaned	Total pigs weaned	8010.22	7955.456	4300.00	16956.00	2059.00
Piglets weaned per litter	Pigs weaned per litter weaned	9.55	0.661	9.63	10.30	8.70
% Total losses of liveborn	Pre-weaning mortality	12.48	4.093	12.32	17.81	7.84
Average weaned weight	Average litter weaning weight (N=56)	112.31	34.271	116.50	140.00	87.00
Piglets age at weaning	Average age at weaning	19.21	1.636	19.40	20.80	17.20
Piglets weaned/sow/year	Pigs wnd / mated female / yr	22.40	2.675	22.80	25.20	19.01
Piglets weaned/female/year	Pigs wnd / female / year	21.20	2.724	21.60	24.40	18.00
Total boars	Ending boar inventory	9.52	26.037	4.00	21.00	0.00
Sows added	Females entered	194.75	250.027	94.00	451.00	33.00
Sows culled or sold	Sows and gilts culled	183.24	230.579	93.00	428.00	32.00
% Cull per year	Culling rate	47.88	22.665	45.50	71.70	25.40
Sows died	Sow and gilt deaths	34.50	37.869	20.00	82.00	6.00
% sow deaths per year	Death rate	9.22	4.226	8.90	14.20	4.00
Total sows	Ave female inv - Ave gilt pool inv	1402.52	1361.863	779.20	2849.50	372.00



USA2007-4<sup>th</sup> qtr summary

Total farms used for summary = 379

<b>Pigcare variables</b>	<b>PigCHAMP variables used</b>	<b>Mean</b>	<b>SD</b>	<b>Median</b>	<b>Upper 10 percentile</b>
Repeat services	Number repeat services	114.46	111.018	77.00	255.00
% Repeat services	Percent repeat services	13.54	8.499	11.50	26.50
Total services	Total number of services	990.00	939.195	540.00	2098.00
Farrowings	Number of sows farrowed	759.41	760.260	393.00	1709.00
Farrowing rate	Farrowing rate (N=377)	75.43	11.429	78.10	87.00
Total born	Total pigs born	9355.38	9595.414	4767.00	21368.00
Total born per litter	Average total pigs per litter	12.27	0.838	12.33	13.27
Total liveborn	Total pigs born alive	8468.19	8716.875	4302.00	19306.00
Liveborn per litter	Average pigs born alive/litter	10.99	0.788	11.10	11.90
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	22.74	4.144	23.39	27.00
Total stillborn	Total stillborn pigs	699.34	744.954	379.00	1593.00
Stillborn per litter	Average stillborn pigs	1.00	0.707	0.90	1.40
Total mummified	Total mummified pigs born	212.50	313.872	85.00	541.00
Mummified per litter	Average mummies per litter	0.25	0.254	0.20	0.50
Sows weaned	Sows farrowed and weaned	755.87	765.480	407.00	1750.00
Piglets weaned	Total pigs weaned	7505.03	7672.561	3898.00	17146.00
Piglets weaned per litter	Pigs weaned per litter weaned	9.53	0.789	9.60	10.40
% Total losses of liveborn	Pre-weaning mortality	12.70	4.455	12.49	17.51
Average weaned weight	Average litter weaning weight (N= 110)	124.07	29.803	127.00	151.70
Piglets age at weaning	Average age at weaning	19.58	2.317	19.80	21.50
Piglets weaned/sow/year	Pigs wnd / mated female / yr	21.42	3.624	22.10	25.56
Piglets weaned/female/year	Pigs wnd / female / year	20.19	3.617	20.80	24.10
Total boars	Ending boar inventory	15.17	61.411	4.00	24.00
Sows added	Females entered	203.17	278.774	99.00	476.00
Sows culled or sold	Sows and gilts culled	189.39	283.895	95.00	416.00
% Cull per year	Culling rate	50.99	25.869	48.40	78.10
Sows died	Sow and gilt deaths	31.43	34.815	15.00	83.00
% sow deaths per year	Death rate	8.22	3.965	7.90	13.40
Total sows	Ave female inv - Ave gilt pool inv	1356.13	1298.576	731.00	2969.00