



PigCHAMP Benchmarking

USA 2011- year end summary

Total farms used for summary = 312

CARE3000 variables	DOS variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	320.205	302.174	221.50	717.00	77.00
% Repeat services	Percent repeat services	8.908	4.364	8.07	14.77	4.15
Total services	Total number of services	4230.660	4142.650	2323.50	11063.00	1113.00
Farrowings	Number of sows farrowed	3668.180	3775.220	1818.50	9691.00	918.00
Farrowing rate	Farrowing rate (N=311)	82.746	6.034	83.71	89.43	74.60
Total born	Total pigs born	49455.350	51411.480	23654.00	135406.00	11757.00
Total born per litter	Average total pigs per litter	13.240	0.953	13.19	14.55	12.13
Total liveborn	Total pigs born alive	43926.790	45644.220	20927.50	121039.00	10624.00
Liveborn per litter	Average pigs born alive/litter	11.833	0.641	11.82	12.65	11.06
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.532	3.338	26.84	29.55	23.00
Total stillborn	Total stillborn pigs	3410.360	3705.620	1890.50	8902.00	589.00
Stillborn per litter	Average stillborn pigs	0.914	0.326	0.88	1.33	0.52
Total mummified	Total mummified pigs born	1063.060	1353.100	477.00	2904.00	39.00
Mummified per litter	Average mummies per litter	0.247	0.166	0.24	0.47	0.04
Sows weaned	Sows farrowed and weaned	3653.020	3763.040	1777.00	9643.00	893.00
Piglets weaned	Total pigs weaned	37767.900	39193.730	18548.50	107267.00	9053.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.483	0.558	10.49	11.18	9.80
% Total losses of liveborn	Pre-weaning mortality (N= 311)	13.475	3.499	13.35	17.80	9.35
Average weaned weight	Average litter weaning weight (N= 64)	123.095	37.491	131.39	151.04	78.80
Piglets age at weaning	Average age at weaning	20.470	1.599	20.46	21.96	18.71
Piglets weaned/sow/year	Pigs wnd / mated female / yr	23.944	2.433	24.11	26.63	21.18
Piglets weaned/female/year	Pigs wnd / female / year	22.770	2.713	22.95	25.73	19.90
Total boars	Ending boar inventory	7.856	50.681	3.00	11.00	0.00
Sows added	Females entered	5.824	80.704	0.00	0.00	0.00
Sows culled or sold	Sows and gilts culled	781.250	867.923	384.00	2031.00	166.00
% Cull per year	Culling rate (N= 311)	46.872	11.457	45.71	62.00	34.08
Sows died	Sow and gilt deaths	141.676	141.644	80.00	339.00	28.00
% sow deaths per year	Death rate	9.179	3.396	8.64	13.64	5.29
Total sows	Ave female inv - Ave gilt pool inv	1533.500	1524.310	794.00	3876.00	390.00



PigCHAMP Benchmarking

USA 2011- 1st quarter summary

Total farms used for summary = 322

CARE3000 variables	PigCHAMP DOS variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	73.30	75.316	50.50	157.00	16.00
% Repeat services	Percent repeat services	8.63	4.985	7.49	15.56	3.54
Total services	Total number of services	960.75	913.438	503.50	2144.00	270.00
Farrowings	Number of sows farrowed	840.07	847.044	415.50	1907.00	219.00
Farrowing rate	Farrowing rate	82.28	6.954	83.42	89.94	72.60
Total born	Total pigs born	11158.98	11271.450	5393.00	24211.00	2755.00
Total born per litter	Average total pigs per litter	13.16	1.003	13.12	14.33	12.00
Total liveborn	Total pigs born alive	9952.44	10123.270	4889.00	21832.00	2441.00
Liveborn per litter	Average pigs born alive/litter	11.77	0.779	11.80	12.71	10.83
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.96	4.100	27.27	30.35	22.94
Total stillborn	Total stillborn pigs	746.89	778.541	408.50	1911.00	144.00
Stillborn per litter	Average stillborn pigs	0.89	0.329	0.85	1.36	0.51
Total mummified	Total mummified pigs born	231.14	307.171	100.50	628.00	10.00
Mummified per litter	Average mummies per litter	0.25	0.301	0.20	0.43	0.03
Sows weaned	Sows farrowed and weaned	850.20	859.877	417.50	1940.00	224.00
Piglets weaned	Total pigs weaned	8538.16	8625.390	4234.00	18988.00	2136.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.45	0.664	10.48	11.23	9.57
Pre-weaning mortality	Pre-weaning mortality	12.74	5.730	12.42	18.18	8.27
Average weaned weight	Average litter weaning weight (N=92)	136.14	18.055	137.02	158.52	114.18
Piglets age at weaning	Average age at weaning	20.18	1.807	20.11	21.82	18.29
Piglets weaned/sow/year	Pigs wnd / mated female / yr	24.45	3.680	24.67	27.80	20.85
Piglets weaned/female/year	Pigs wnd / female / year	23.32	3.762	23.40	26.72	19.73
Total boars	Ending boar inventory	9.17	50.456	3.00	12.00	0.00
Sows added	Females entered	2.19	20.671	0.00	0.00	0.00
Sows culled or sold	Sows and gilts culled	171.69	193.341	89.00	446.00	36.00
% Cull per year	Culling rate (N=320)	45.78	14.139	45.16	65.09	29.61
Sows died	Sow and gilt deaths	29.69	30.854	17.00	74.00	6.00
% sow deaths per year	Death rate	8.28	3.944	7.47	13.81	3.97
Total sows	Ave female inv - Ave gilt pool inv	1409.65	1377.110	730.00	3142.00	378.00



PigCHAMP Benchmarking

USA 2011- 2nd quarter summary

Total farms used for summary = 316

CARE3000 variables	DOS variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	69.30	67.424	48.50	156.00	14.00
% Repeat services	Percent repeat services	8.22	4.633	7.10	14.74	3.41
Total services	Total number of services	1001.87	997.554	504.00	2353.00	255.00
Farrowings	Number of sows farrowed	883.34	915.339	447.00	2261.00	208.00
Farrowing rate	Farrowing rate	81.69	7.559	82.80	90.31	70.06
Total born	Total pigs born	11951.08	12503.190	5734.00	31289.00	2740.00
Total born per litter	Average total pigs per litter	13.27	0.895	13.27	14.40	12.18
Total liveborn	Total pigs born alive	10666.08	11181.960	5087.50	28363.00	2556.00
Liveborn per litter	Average pigs born alive/litter	11.90	0.689	11.94	12.71	11.06
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.31	3.660	26.60	29.80	21.93
Total stillborn	Total stillborn pigs	801.88	884.014	427.00	1933.00	137.00
Stillborn per litter	Average stillborn pigs	0.89	0.332	0.86	1.32	0.49
Total mummified	Total mummified pigs born	243.91	292.885	119.50	666.00	11.00
Mummified per litter	Average mummies per litter	0.24	0.165	0.23	0.44	0.04
Sows weaned	Sows farrowed and weaned	909.08	952.068	460.00	2336.00	212.00
Piglets weaned	Total pigs weaned	9299.66	9754.650	4538.50	24685.00	2156.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.59	0.571	10.59	11.30	9.87
Pre-weaning mortality	Pre-weaning mortality	12.53	3.364	12.48	16.73	8.47
Average weaned weight	Average litter weaning weight (N=86)	130.07	45.823	138.14	161.02	86.33
Piglets age at weaning	Average age at weaning	20.29	1.637	20.34	21.85	18.56
Piglets weaned/sow/year	Pigs wnd / mated female / yr	23.91	3.139	23.92	27.52	20.19
Piglets weaned/female/year	Pigs wnd / female / year	22.84	3.256	23.08	26.47	19.06
Total boars	Ending boar inventory	6.17	16.328	3.00	11.00	0.00
Sows added	Females entered	2.26	24.870	0.00	0.00	0.00
Sows culled or sold	Sows and gilts culled	182.88	223.922	81.50	444.00	35.00
% Cull per year	Culling rate (N=313)	42.99	13.501	42.42	58.91	26.21
Sows died	Sow and gilt deaths	30.92	32.545	17.00	79.00	5.00
% sow deaths per year	Death rate	7.90	3.460	7.65	12.21	3.94
Total sows	Ave female inv - Ave gilt pool inv	1495.14	1487.060	747.50	3740.00	389.00



PigCHAMP Benchmarking

USA 2011- 3rd quarter summary

Total farms used for summary = 308

CARE3000 variables	PigCHAMP Dos variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	85.67	82.727	59.50	183.00	19.00
% Repeat services	Percent repeat services	10.07	5.225	9.34	17.08	4.21
Total services	Total number of services	1014.69	1024.920	522.00	2622.00	272.00
Farrowings	Number of sows farrowed	892.65	945.443	417.50	2421.00	224.00
Farrowing rate	Farrowing rate	83.31	6.579	84.21	90.68	75.10
Total born	Total pigs born	11995.98	12875.840	5563.50	31921.00	2861.00
Total born per litter	Average total pigs per litter	13.15	1.004	13.12	14.45	11.98
Total liveborn	Total pigs born alive	10647.69	11438.050	4916.00	29006.00	2577.00
Liveborn per litter	Average pigs born alive/litter	11.74	0.754	11.73	12.64	10.84
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.43	3.333	26.89	30.03	22.37
Total stillborn	Total stillborn pigs	845.05	960.351	416.50	2102.00	137.00
Stillborn per litter	Average stillborn pigs	0.93	0.342	0.89	1.37	0.50
Total mummified	Total mummified pigs born	252.91	327.932	114.50	710.00	8.00
Mummified per litter	Average mummies per litter	0.24	0.194	0.22	0.45	0.03
Sows weaned	Sows farrowed and weaned	912.58	974.364	430.00	2444.00	218.00
Piglets weaned	Total pigs weaned	9166.98	9877.430	4222.50	25628.00	2188.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.33	0.670	10.39	11.18	9.47
Pre-weaning mortality	Pre-weaning mortality	14.25	4.048	14.04	19.70	9.33
Average weaned weight	Average litter weaning weight (N=83)	133.56	31.033	137.83	157.24	106.56
Piglets age at weaning	Average age at weaning	20.41	1.735	20.47	22.15	18.24
Piglets weaned/sow/year	Pigs wnd / mated female / yr	23.82	3.003	24.18	27.02	20.46
Piglets weaned/female/year	Pigs wnd / female / year	22.72	3.082	23.07	26.10	19.20
Total boars	Ending boar inventory	9.00	54.318	3.00	10.00	0.00
Sows added	Females entered	1.77	22.188	0.00	0.00	0.00
Sows culled or sold	Sows and gilts culled	187.62	217.814	91.50	519.00	41.00
% Cull per year	Culling rate (N=305)	46.67	15.014	44.30	66.41	29.96
Sows died	Sow and gilt deaths	41.28	42.334	25.00	96.00	7.00
% sow deaths per year	Death rate	11.39	5.112	10.77	18.00	5.40
Total sows	Ave female inv - Ave gilt pool inv	1464.13	1492.260	726.00	3847.00	392.00



PigCHAMP Benchmarking

USA 2011- 4th quarter summary

Total farms used for summary = 312

CARE3000 variables	DOS variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	84.22	91.299	54.50	201.00	17.00
% Repeat services	Percent repeat services	9.20	5.106	8.10	15.93	3.79
Total services	Total number of services	1070.57	1043.070	589.50	2857.00	270.00
Farrowings	Number of sows farrowed	912.51	941.196	459.50	2437.00	217.00
Farrowing rate	Farrowing rate (N=311)	80.29	7.656	81.44	88.97	69.53
Total born	Total pigs born	12214.89	12791.450	5973.00	33597.00	2641.00
Total born per litter	Average total pigs per litter	13.07	1.060	12.97	14.57	11.84
Total liveborn	Total pigs born alive	10863.06	11367.120	5250.50	30200.00	2413.00
Liveborn per litter	Average pigs born alive/litter	11.69	0.748	11.69	12.68	10.81
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	25.54	4.004	25.76	29.42	21.35
Total stillborn	Total stillborn pigs	833.41	916.319	473.00	2130.00	140.00
Stillborn per litter	Average stillborn pigs	0.91	0.361	0.86	1.36	0.50
Total mummified	Total mummified pigs born	260.27	392.049	108.50	704.00	9.00
Mummified per litter	Average mummies per litter	0.24	0.167	0.22	0.44	0.04
Sows weaned	Sows farrowed and weaned	911.64	936.660	463.00	2422.00	212.00
Piglets weaned	Total pigs weaned	9362.11	9743.470	4629.00	25928.00	2131.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.38	0.655	10.42	11.15	9.53
% Total losses of liveborn	Pre-weaning mortality (N= 310)	13.54	4.149	13.19	19.18	8.95
Average weaned weight	Average litter weaning weight (N= 60)	120.58	35.560	130.69	154.08	66.44
Piglets age at weaning	Average age at weaning	20.85	1.935	20.82	22.60	18.89
Piglets weaned/sow/year	Pigs wnd / mated female / yr	23.13	3.116	23.26	26.29	19.64
Piglets weaned/female/year	Pigs wnd / female / year	22.03	3.189	22.06	25.44	18.38
Total boars	Ending boar inventory	7.96	54.385	3.00	10.00	0.00
Sows added	Females entered	1.30	17.886	0.00	0.00	0.00
Sows culled or sold	Sows and gilts culled	204.77	229.090	97.50	579.00	38.00
% Cull per year	Culling rate (N= 305)	46.33	14.577	45.26	65.15	28.48
Sows died	Sow and gilt deaths	31.71	31.642	18.50	80.00	5.00
% sow deaths per year	Death rate (N = 311)	8.21	4.611	7.50	13.19	3.92
Total sows	Ave female inv - Ave gilt pool inv	1544.24	1524.610	800.00	3827.00	386.00