

CARE3000 variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	310.74	275.275	219.00	709.00	65.00
% Repeat services	8.47	4.217	7.64	13.91	3.96
Total services	4256.37	3817.580	2771.00	8676.00	1101.00
Farrowings	3638.17	3411.240	2226.00	7397.00	862.00
Farrowing rate	83.04	6.470	84.10	90.18	75.90
Total born	49031.47	46221.820	28708.00	108742.00	11230.00
Total born per litter	13.22	1.040	13.17	14.64	11.92
Total liveborn	43241.69	40311.680	26040.00	94007.00	10159.00
Liveborn per litter	11.78	0.727	11.79	12.76	10.91
Liveborn/female/year	26.11	3.226	26.60	29.29	22.39
Total stillborn	3126.75	3044.780	2014.00	7357.00	518.00
Stillborn per litter	0.86	0.314	0.85	1.27	0.50
Total mummified	1331.52	2230.040	556.00	3014.00	43.00
Mummified per litter	0.29	0.235	0.24	0.56	0.04
Sows weaned	3713.07	3496.010	2231.00	7966.00	863.00
Piglets weaned	37381.30	34634.510	23120.00	78483.00	8660.00
Piglets weaned per litter	10.52	0.622	10.56	11.21	9.76
% Total losses of liveborn	12.80	3.311	12.65	17.00	8.73
Average weaned weight	126.52	43.261	136.15	161.20	37.90
Piglets age at weaning	20.51	1.661	20.55	22.09	18.74
Piglets weaned/sow/year	23.83	2.898	24.18	26.78	20.47
Piglets weaned/female/year	22.70	3.018	23.16	25.83	19.57
Total boars	8.74	57.595	3.00	12.00	0.00
Sows added	0.75	10.295	0.00	0.00	0.00
Sows culled or sold	760.65	818.778	420.00	1744.00	175.00
% Cull per year	45.43	12.350	44.49	68.38	31.40
Sows died	134.42	143.260	74.00	312.00	26.00
% sow deaths per year	8.12	3.130	7.83	11.90	4.67
Total sows	1534.59	1396.710	954.00	3130.00	392.00



PigCHAMP Benchmarking

USA 2012- 1st quarter summary

Total farms used for summary = 324

Pigcare variables	PigCHAMP variables used	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	81.13	92.738	47.50	193.00	13.00
% Repeat services	Percent repeat services	8.32	4.965	7.44	14.29	3.33
Total services	Total number of services	1044.30	990.302	617.50	2282.00	280.00
Farrowings	Number of sows farrowed	893.23	879.972	494.00	1855.00	225.00
Farrowing rate	Farrowing rate	82.21	8.187	83.53	90.60	72.73
Total born	Total pigs born	12218.91	12301.580	6849.50	28384.00	2931.00
Total born per litter	Average total pigs per litter	13.39	1.095	13.40	14.77	11.95
Total liveborn	Total pigs born alive	10687.02	10553.540	5969.50	22861.00	2636.00
Liveborn per litter	Average pigs born alive/litter	11.87	0.876	11.92	12.94	10.91
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.70	3.516	27.21	30.49	22.76
Total stillborn	Total stillborn pigs	830.33	926.634	475.00	2008.00	152.00
Stillborn per litter	Average stillborn pigs	0.93	0.372	0.91	1.44	0.51
Total mummified	Total mummified pigs born	352.44	905.031	138.00	773.00	12.00
Mummified per litter	Average mummies per litter	0.30	0.318	0.24	0.57	0.05
Sows weaned	Sows farrowed and weaned	911.53	913.094	516.00	2268.00	221.00
Piglets weaned	Total pigs weaned	9152.94	9092.890	4947.50	19902.00	2298.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.53	0.776	10.58	11.37	9.68
% Total losses of liveborn	Pre-weaning mortality	13.29	4.859	12.71	18.62	8.53
Average weaned weight	Average litter weaning weight (N=87)	136.08	37.916	138.07	165.68	103.29
Piglets age at weaning	Average age at weaning	20.59	1.836	20.61	22.62	18.48
Piglets weaned/sow/year	Pigs wnd / mated female / yr	24.09	3.312	24.64	27.27	19.98
Piglets weaned/female/year	Pigs wnd / female / year	23.02	3.299	23.45	26.39	19.25
Total boars	Ending boar inventory	10.02	58.285	3.00	12.00	0.00
Sows added	Females entered	1.55	18.174	0.00	0.00	0.00
Sows culled or sold	Sows and gilts culled	204.18	371.948	97.50	503.00	36.00
% Cull per year	Culling rate (n=321)	45.48	16.356	44.79	67.07	27.45
Sows died	Sow and gilt deaths	35.80	63.664	17.00	80.00	5.00
% sow deaths per year	Death rate	8.36	6.420	7.24	12.95	3.46
Total sows	Ave female inv - Ave gilt pool inv	1519.32	1450.810	900.00	3357.00	396.00

USA 2012- 2nd quarter summary

Total farms used for summary = 347

CARE3000 variables	DOS variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	79.37	87.714	50.00	189.00	13.00
% Repeat services	Percent repeat services	8.18	4.428	7.59	14.01	3.17
Total services	Total number of services	1052.17	1012.280	622.00	2423.00	240.00
Farrowings	Number of sows farrowed	911.61	888.308	522.00	2372.00	211.00
Farrowing rate	Farrowing rate	83.57	7.820	84.88	91.25	74.88
Total born	Total pigs born	12421.37	12265.540	6796.00	30165.00	2699.00
Total born per litter	Average total pigs per litter	13.35	1.129	13.30	14.82	12.00
Total liveborn	Total pigs born alive	10894.85	10616.000	5931.00	23474.00	2418.00
Liveborn per litter	Average pigs born alive/litter	11.87	0.919	11.96	12.93	10.84
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.54	3.807	27.04	30.57	21.99
Total stillborn	Total stillborn pigs	805.23	875.593	447.00	1994.00	131.00
Stillborn per litter	Average stillborn pigs	0.88	0.364	0.84	1.36	0.47
Total mummified	Total mummified pigs born	362.31	947.750	141.00	771.00	11.00
Mummified per litter	Average mummies per litter	0.30	0.365	0.24	0.52	0.04
Sows weaned	Sows farrowed and weaned	932.04	917.113	536.00	2303.00	218.00
Piglets weaned	Total pigs weaned	9474.85	9238.720	5286.00	20143.00	2059.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.65	0.776	10.72	11.45	9.83
% Total losses of liveborn	Pre-weaning mortality	12.41	3.834	12.40	16.34	8.17
Average weaned weight	Average litter weaning weight (N=98)	124.35	50.860	139.28	163.83	11.34
Piglets age at weaning	Average age at weaning	20.53	1.849	20.46	22.50	18.51
Piglets weaned/sow/year	Pigs wnd / mated female / yr	24.30	3.346	24.77	27.60	20.62
Piglets weaned/female/year	Pigs wnd / female / year	23.21	3.328	23.69	26.72	19.44
Total boars	Ending boar inventory	10.47	58.988	3.00	14.00	0.00
Sows added	Females entered	2.08	23.055	0.00	0.00	0.00
Sows culled or sold	Sows and gilts culled	189.52	205.542	101.00	533.00	38.00
% Cull per year	Culling rate (n=343)	45.21	15.479	44.65	64.28	25.60
Sows died	Sow and gilt deaths	33.12	34.876	18.00	82.00	5.00
% sow deaths per year	Death rate	8.19	3.855	7.70	13.15	3.76
Total sows	Ave female inv - Ave gilt pool inv	1546.74	1482.640	909.00	3864.00	377.00

USA 2012- 3rd quarter summary

Total farms used for summary = 353

Pigcare variables	PigCHAMP variables used	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	86.56	78.056	60.00	198.00	19.00
% Repeat services	Percent repeat services	9.13	5.106	8.22	15.30	3.74
Total services	Total number of services	1126.67	1007.660	724.00	2465.00	288.00
Farrowings	Number of sows farrowed	989.12	923.105	609.00	2393.00	231.00
Farrowing rate	Farrowing rate	83.91	6.888	85.15	90.96	76.59
Total born	Total pigs born	13268.29	12555.900	7855.00	30528.00	2924.00
Total born per litter	Average total pigs per litter	13.14	1.199	13.07	14.85	11.67
Total liveborn	Total pigs born alive	11787.55	11107.840	7007.00	26748.00	2617.00
Liveborn per litter	Average pigs born alive/litter	11.74	0.914	11.74	12.92	10.68
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.34	3.421	26.75	29.85	21.84
Total stillborn	Total stillborn pigs	868.90	903.626	537.00	2060.00	134.00
Stillborn per litter	Average stillborn pigs	0.86	0.323	0.83	1.30	0.48
Total mummified	Total mummified pigs born	308.19	388.143	137.00	790.00	10.00
Mummified per litter	Average mummies per litter	0.27	0.276	0.24	0.50	0.04
Sows weaned	Sows farrowed and weaned	999.00	925.462	629.00	2412.00	234.00
Piglets weaned	Total pigs weaned	10140.38	9378.660	6138.00	23271.00	2343.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.47	0.710	10.50	11.27	9.60
% Total losses of liveborn	Pre-weaning mortality	13.06	3.730	13.04	18.09	8.63
Average weaned weight	Average litter weaning weight (N=82)	355.51	1966.380	138.44	161.82	107.73
Piglets age at weaning	Average age at weaning	20.48	1.744	20.50	22.37	18.39
Piglets weaned/sow/year	Pigs wnd / mated female / yr	24.05	2.888	24.33	27.10	20.56
Piglets weaned/female/year	Pigs wnd / female / year	22.97	2.876	23.18	26.12	19.58
Total boars	Ending boar inventory	9.91	60.140	3.00	14.00	0.00
Sows added	Females entered	1.11	16.591	0.00	0.00	0.00
Sows culled or sold	Sows and gilts culled	198.10	199.168	114.00	490.00	41.00
% Cull per year	Culling rate (n=350)	45.92	15.784	45.05	65.87	25.88
Sows died	Sow and gilt deaths	36.56	35.178	23.00	83.00	7.00
% sow deaths per year	Death rate	8.77	3.914	8.34	13.06	4.66
Total sows	Ave female inv - Ave gilt pool inv	1647.12	1494.340	1047.00	3841.00	408.00

USA 2012- 4th quarter summary

Total farms used for summary = 355

CARE3000 variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	76.33	64.724	55.00	179.00	16.00
% Repeat services	8.77	5.044	7.93	15.98	3.16
Total services	1075.31	964.198	687.00	2211.00	275.00
Farrowings	910.72	868.660	568.00	1851.00	213.00
Farrowing rate	81.09	7.719	82.22	90.10	71.09
Total born	12119.95	11726.280	7132.00	26582.00	2659.00
Total born per litter	12.94	1.180	12.83	14.53	11.48
Total liveborn	10856.34	10570.560	6507.00	23173.00	2401.00
Liveborn per litter	11.60	0.862	11.50	12.85	10.54
Liveborn/female/year	25.27	3.962	25.56	29.75	20.38
Total stillborn	738.31	722.165	461.00	1679.00	126.00
Stillborn per litter	0.84	0.336	0.81	1.27	0.45
Total mummified	262.65	366.283	109.00	708.00	6.00
Mummified per litter	0.25	0.254	0.21	0.45	0.03
Sows weaned	948.46	906.069	572.00	2143.00	215.00
Piglets weaned	9570.84	9237.900	5664.00	20923.00	2064.00
Piglets weaned per litter	10.41	0.705	10.40	11.25	9.49
% Total losses of liveborn	12.49	4.174	12.08	17.61	8.13
Average weaned weight	137.51	29.425	143.26	163.34	109.24
Piglets age at weaning	20.72	1.838	20.70	22.54	18.67
Piglets weaned/sow/year	23.49	3.619	23.77	27.45	19.26
Piglets weaned/female/year	22.44	3.651	22.73	26.43	17.92
Total boars	23.43	183.517	3.00	36.00	0.00
Sows added	0.08	1.085	0.00	0.00	0.00
Sows culled or sold	190.93	202.290	106.00	451.00	40.00
% Cull per year	45.27	16.233	44.48	65.09	26.21
Sows died	31.78	33.566	17.00	76.00	4.00
% sow deaths per year	7.57	4.042	6.91	11.87	3.12
Total sows	1552.88	1410.240	1000.00	3222.00	392.00