



# PigCHAMP Benchmarking

Canada 2011- year end summary

Total farms used for summary = 16

CARE3000 variables	DOS variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	285.88	271.704	130.50	709.00	70.00
% Repeat services	Percent repeat services	8.91	3.605	8.93	15.40	4.11
Total services	Total number of services	3277.19	2864.180	1327.50	7579.00	812.00
Farrowings	Number of sows farrowed	2788.50	2449.380	1101.50	6691.00	664.00
Farrowing rate	Farrowing rate	83.92	4.622	83.79	91.75	76.40
Total born	Total pigs born	38498.94	34681.380	16162.00	96852.00	8972.00
Total born per litter	Average total pigs per litter	13.68	0.792	13.63	14.64	12.80
Total liveborn	Total pigs born alive	34100.81	30455.560	14152.00	82969.00	7442.00
Liveborn per litter	Average pigs born alive/litter	12.13	0.621	12.10	12.90	11.21
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	27.18	2.091	27.95	29.46	23.82
Total stillborn	Total stillborn pigs	2827.69	3126.340	1224.00	8987.00	520.00
Stillborn per litter	Average stillborn pigs	0.98	0.405	0.78	1.70	0.58
Total mummified	Total mummified pigs born	793.75	684.840	393.00	1704.00	195.00
Mummified per litter	Average mummies per litter	0.31	0.089	0.30	0.46	0.21
Sows weaned	Sows farrowed and weaned	2781.25	2443.260	1107.50	6720.00	666.00
Piglets weaned	Total pigs weaned	29401.50	25741.350	12214.00	71293.00	6600.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.68	0.977	11.11	11.75	9.25
% Total losses of liveborn	Pre-weaning mortality	12.65	2.863	11.77	16.84	9.45
Average weaned weight	Average litter weaning weight (N= 7)	133.17	58.683	144.91	204.34	70.83
Piglets age at weaning	Average age at weaning	21.86	2.882	21.59	26.00	17.76
Piglets weaned/sow/year	Pigs wnd / mated female / yr	24.66	1.765	24.62	26.94	22.24
Piglets weaned/female/year	Pigs wnd / female / year	23.69	1.860	23.81	25.40	20.94
Total boars	Ending boar inventory	11.56	11.690	6.50	30.00	0.00
Sows added	Females entered	6.50	19.040	0.00	25.00	0.00
Sows culled or sold	Sows and gilts culled	488.63	408.127	267.50	979.00	88.00
% Cull per year	Culling rate	41.23	10.809	41.99	54.21	26.83
Sows died	Sow and gilt deaths	97.13	94.581	52.00	285.00	20.00
% sow deaths per year	Death rate	7.78	2.147	7.80	10.12	5.06
Total sows	Ave female inv - Ave gilt pool inv	1187.52	1032.270	477.00	2817.00	302.00



# PigCHAMP Benchmarking

Canada 2011- 1st quarter summary

Total farms used for summary = 28

CARE3000 variables	PigCHAMP DOS variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	37.54	52.218	20.00	119.00	5.00
% Repeat services	Percent repeat services	6.60	3.010	6.45	11.00	2.60
Total services	Total number of services	531.93	564.046	303.00	1520.00	81.00
Farrowings	Number of sows farrowed	456.18	481.705	258.50	1207.00	58.00
Farrowing rate	Farrowing rate	81.81	8.764	84.31	91.36	67.70
Total born	Total pigs born	6218.71	6746.820	3345.50	17025.00	737.00
Total born per litter	Average total pigs per litter	13.31	1.015	13.15	14.77	12.00
Total liveborn	Total pigs born alive	5556.46	5995.190	2898.00	14824.00	677.00
Liveborn per litter	Average pigs born alive/litter	11.99	0.794	12.08	13.14	11.10
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	27.97	2.611	28.13	31.16	23.97
Total stillborn	Total stillborn pigs	394.57	505.169	219.00	1062.00	52.00
Stillborn per litter	Average stillborn pigs	0.83	0.280	0.82	1.21	0.40
Total mummified	Total mummified pigs born	136.25	154.719	71.00	414.00	6.00
Mummified per litter	Average mummies per litter	0.27	0.143	0.29	0.46	0.10
Sows weaned	Sows farrowed and weaned	474.29	523.464	261.50	1359.00	54.00
Piglets weaned	Total pigs weaned	4890.04	5075.630	2514.50	12795.00	776.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.55	0.871	10.68	11.71	9.12
Pre-weaning mortality	Pre-weaning mortality	12.11	2.888	11.67	15.75	9.00
Average weaned weight	Average litter weaning weight (N=21)	104.62	47.225	82.93	159.00	64.49
Piglets age at weaning	Average age at weaning	21.03	2.683	20.15	24.74	18.38
Piglets weaned/sow/year	Pigs wnd / mated female / yr	25.41	2.464	25.65	28.70	21.94
Piglets weaned/female/year	Pigs wnd / female / year	24.42	2.566	24.53	27.41	20.00
Total boars	Ending boar inventory	10.46	16.376	3.00	28.00	0.00
Sows added	Females entered	6.86	12.149	0.00	24.00	0.00
Sows culled or sold	Sows and gilts culled	91.82	93.396	64.00	209.00	8.00
% Cull per year	Culling rate	45.75	16.247	42.84	67.66	23.80
Sows died	Sow and gilt deaths	14.00	16.640	7.50	36.00	1.00
% sow deaths per year	Death rate	6.35	3.603	5.83	10.11	2.30
Total sows	Ave female inv - Ave gilt pool inv	819.38	813.139	466.50	2157.00	154.10



# PigCHAMP Benchmarking

Canada 2011- 2nd quarter summary

Total farms used for summary = 15

CARE3000 variables	DOS variables used	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	55.40	61.378	27.00	143.00	6.00
% Repeat services	Percent repeat services	7.26	3.577	6.91	12.22	2.87
Total services	Total number of services	701.00	651.796	341.00	1599.00	185.00
Farrowings	Number of sows farrowed	604.53	571.021	282.00	1492.00	169.00
Farrowing rate	Farrowing rate	83.87	7.584	86.25	88.95	76.95
Total born	Total pigs born	8201.80	8007.980	4238.00	21022.00	2201.00
Total born per litter	Average total pigs per litter	13.38	1.009	13.70	14.37	11.90
Total liveborn	Total pigs born alive	7319.67	7125.810	3723.00	19333.00	1993.00
Liveborn per litter	Average pigs born alive/litter	11.93	0.954	12.03	12.96	10.84
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.96	2.168	26.99	30.00	24.10
Total stillborn	Total stillborn pigs	589.73	625.964	357.00	1457.00	123.00
Stillborn per litter	Average stillborn pigs	0.98	0.315	1.00	1.27	0.60
Total mummified	Total mummified pigs born	148.47	147.667	78.00	397.00	45.00
Mummified per litter	Average mummies per litter	0.25	0.081	0.24	0.37	0.17
Sows weaned	Sows farrowed and weaned	641.67	636.366	287.00	1480.00	128.00
Piglets weaned	Total pigs weaned	6363.73	6008.000	3264.00	17969.00	1748.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.47	1.068	10.73	11.78	8.76
Pre-weaning mortality	Pre-weaning mortality	12.21	4.095	11.90	17.57	6.40
Average weaned weight	Average litter weaning weight (N=7)	97.61	64.703	74.92	243.00	59.15
Piglets age at weaning	Average age at weaning	22.36	2.836	22.00	26.02	18.13
Piglets weaned/sow/year	Pigs wnd / mated female / yr	24.53	2.184	25.14	27.96	21.18
Piglets weaned/female/year	Pigs wnd / female / year	23.71	2.078	24.10	26.31	20.55
Total boars	Ending boar inventory	10.73	11.653	5.00	29.00	0.00
Sows added	Females entered	2.60	6.162	0.00	16.00	0.00
Sows culled or sold	Sows and gilts culled	118.87	105.360	69.00	279.00	30.00
% Cull per year	Culling rate	46.36	21.434	41.40	81.25	32.66
Sows died	Sow and gilt deaths	21.87	21.630	12.00	53.00	5.00
% sow deaths per year	Death rate	7.91	3.109	8.86	11.40	4.12
Total sows	Ave female inv - Ave gilt pool inv	1041.85	971.231	474.00	2580.00	283.50



# PigCHAMP Benchmarking

Canada 2011- 3rd quarter summary

Total farms used for summary = 28

CARE3000 variables	PigCHAMP Dos variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	42.11	56.191	19.00	113.00	6.00
% Repeat services	Percent repeat services	7.94	3.123	7.48	12.40	4.40
Total services	Total number of services	505.61	547.656	264.00	1505.00	78.00
Farrowings	Number of sows farrowed	476.93	552.874	232.50	1497.00	57.00
Farrowing rate	Farrowing rate	81.05	10.427	83.96	92.89	66.00
Total born	Total pigs born	6636.00	7833.480	2792.00	21044.00	806.00
Total born per litter	Average total pigs per litter	13.51	0.889	13.62	14.71	12.20
Total liveborn	Total pigs born alive	5876.71	6871.600	2481.00	19138.00	749.00
Liveborn per litter	Average pigs born alive/litter	12.13	0.718	12.33	13.10	11.40
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	29.29	5.802	28.05	31.86	25.56
Total stillborn	Total stillborn pigs	457.71	566.655	178.00	1351.00	50.00
Stillborn per litter	Average stillborn pigs	0.93	0.244	0.96	1.21	0.60
Total mummified	Total mummified pigs born	155.14	221.650	72.50	335.00	8.00
Mummified per litter	Average mummies per litter	0.27	0.130	0.30	0.44	0.10
Sows weaned	Sows farrowed and weaned	455.32	532.890	247.00	1451.00	57.00
Piglets weaned	Total pigs weaned	4678.00	4987.620	2350.50	13061.00	871.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.60	0.736	10.71	11.54	9.34
Pre-weaning mortality	Pre-weaning mortality	12.39	3.107	12.70	16.50	7.80
Average weaned weight	Average litter weaning weight (N=23)	103.87	35.380	114.50	134.00	64.93
Piglets age at weaning	Average age at weaning	20.63	2.285	20.43	23.82	17.68
Piglets weaned/sow/year	Pigs wnd / mated female / yr	25.23	2.013	25.39	27.63	22.90
Piglets weaned/female/year	Pigs wnd / female / year	24.38	2.012	24.51	26.80	21.91
Total boars	Ending boar inventory	6.57	9.912	3.00	25.00	0.00
Sows added	Females entered	8.96	12.983	0.00	32.00	0.00
Sows culled or sold	Sows and gilts culled	84.29	95.045	42.00	204.00	9.00
% Cull per year	Culling rate	39.86	16.854	36.20	64.01	17.60
Sows died	Sow and gilt deaths	15.18	19.454	6.50	43.00	1.00
% sow deaths per year	Death rate	7.59	2.850	7.49	11.70	3.87
Total sows	Ave female inv - Ave gilt pool inv	744.74	809.628	401.50	2203.00	120.30



# PigCHAMP Benchmarking

Canada 2011- 4th quarter summary

Total farms used for summary = 16

CARE3000 variables	DOS variables	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Repeat services	Number repeat services	75.25	75.754	42.00	202.00	17.00
% Repeat services	Percent repeat services	9.21	5.412	7.93	16.90	5.25
Total services	Total number of services	827.81	735.368	333.00	1930.00	210.00
Farrowings	Number of sows farrowed	686.06	606.045	286.00	1643.00	137.00
Farrowing rate	Farrowing rate	81.56	8.887	83.47	89.37	61.50
Total born	Total pigs born	9487.50	8593.210	4120.00	24129.00	1840.00
Total born per litter	Average total pigs per litter	13.75	0.839	13.64	14.69	12.63
Total liveborn	Total pigs born alive	8383.81	7546.340	3589.00	20415.00	1397.00
Liveborn per litter	Average pigs born alive/litter	12.10	0.767	12.22	12.94	11.10
Liveborn/female/year	litters/fem/yr * ave pigs born alive per litter	26.95	3.451	28.68	29.51	23.19
Total stillborn	Total stillborn pigs	702.25	812.101	309.50	1875.00	142.00
Stillborn per litter	Average stillborn pigs	0.99	0.504	0.83	1.79	0.55
Total mummified	Total mummified pigs born	202.56	167.040	143.50	432.00	59.00
Mummified per litter	Average mummies per litter	0.34	0.129	0.31	0.50	0.21
Sows weaned	Sows farrowed and weaned	680.19	599.330	288.00	1610.00	145.00
Piglets weaned	Total pigs weaned	7196.75	6316.360	3134.00	16928.00	1355.00
Piglets weaned per litter	Pigs weaned per litter weaned	10.67	0.962	10.97	11.83	9.41
% Total losses of liveborn	Pre-weaning mortality	12.90	3.207	12.20	18.19	9.05
Average weaned weight	Average litter weaning weight (N= 8)	200.18	127.886	172.06	450.36	75.32
Piglets age at weaning	Average age at weaning	21.89	3.055	21.33	26.82	17.75
Piglets weaned/sow/year	Pigs wnd / mated female / yr	24.29	2.314	24.40	27.06	22.23
Piglets weaned/female/year	Pigs wnd / female / year	23.48	2.436	23.78	26.37	21.72
Total boars	Ending boar inventory	10.38	11.826	4.00	30.00	0.00
Sows added	Females entered	2.06	5.859	0.00	7.00	0.00
Sows culled or sold	Sows and gilts culled	109.19	90.056	66.50	249.00	24.00
% Cull per year	Culling rate	38.20	17.773	37.07	69.11	17.64
Sows died	Sow and gilt deaths	22.50	22.184	12.50	62.00	2.00
% sow deaths per year	Death rate	6.94	3.115	7.55	11.67	2.33
Total sows	Ave female inv - Ave gilt pool inv	1184.29	1030.750	481.50	2771.00	304.00