



PigCHAMP ›

# Benchmarking

USA 2017 yearend summary

Number of farms 340

Variable	Mean	SD	Median	Upper 10th percentile	Lower 10th percentile
Total number of services	5520.95	4751.400	3975.50	12787.50	1246.50
Number repeat services	379.26	463.472	229.50	913.00	41.50
Percent repeat services	7.02	4.573	6.23	12.93	1.75
Number of sows farrowed	4752.51	4026.290	3288.50	11219.00	1088.00
Total pigs born	68442.59	58284.740	47963.50	162390.50	14988.50
Average total pigs per litter	14.22	1.026	14.29	15.44	12.76
Total pigs born alive	61122.01	51618.470	43187.00	145484.00	13611.50
Average pigs born alive/litter	12.71	0.978	12.77	13.89	11.43
Liveborn/female/yr	28.53	5.259	28.58	32.27	23.28
Total stillborn pigs	4922.71	4157.830	3794.00	11377.00	952.50
Average stillborn pigs	1.08	0.352	1.06	1.53	0.67
Total mummified pigs born	2397.87	4143.170	1198.50	5106.00	169.50
Average mummies per litter	0.42	0.326	0.36	0.80	0.12
Farrowing rate	83.73	7.100	85.09	90.68	74.61
Pre-weaning mortality	14.69	3.897	14.83	19.42	9.61
Sows farrowed and weaned	4744.67	3999.140	3290.00	11290.50	1100.00
Average age at weaning	20.71	2.257	20.40	22.60	18.58
Total pigs weaned	50122.62	40952.430	36237.50	117157.50	11466.00
Average litter weaning weight (n=83)	141.0	2067.410	141.38	166.96	106.01
Pigs weaned per litter weaned	11.16	0.765	11.17	12.05	10.23
Pigs wnd / mated female / yr	24.95	3.377	25.38	28.65	20.55
Pigs wnd / female / year	23.82	3.405	24.33	27.63	19.34
Females entered	7.15	58.375	0.00	0.00	0.00
Sow and gilt deaths	250.32	330.513	150.00	559.50	37.50
Death rate	10.73	4.270	10.15	15.50	6.36
Sows and gilts culled	929.59	855.881	632.00	2291.50	161.00
Culling rate (n=337)	42.31	13.714	42.56	58.94	24.18
Total sows	2022.42	1747.240	1428.50	4880.50	472.00
Ending boar inventory	34.47	137.734	4.00	71.00	0.00



PigCHAMP >  
**Benchmarking**

USA 2017-4<sup>th</sup> qtr summary

Number of farms 338

<b>Variable</b>	<b>Mean</b>	<b>SD</b>	<b>Median</b>	<b>Upper 10th percentile</b>	<b>Lower 10th percentile</b>
Total number of services	1397.84	1210.940	997.50	3345.00	279.00
Number repeat services	93.61	110.939	56.00	223.00	7.00
Percent repeat services	7.31	5.371	6.66	14.74	1.19
Number of sows farrowed	1204.27	1065.320	834.00	2813.00	254.00
Total pigs born	17315.85	15377.880	12250.00	40609.00	3370.00
Average total pigs per litter	14.17	1.076	14.21	15.62	12.68
Total pigs born alive	15574.22	13882.460	10978.50	36015.00	3054.00
Average pigs born alive/litter	12.72	0.946	12.77	13.90	11.51
Liveborn/female/yr	28.04	5.692	28.20	33.14	21.50
Total stillborn pigs	1256.88	1132.460	934.50	2720.00	241.00
Average stillborn pigs	1.11	0.397	1.06	1.61	0.66
Total mummified pigs born	484.75	687.521	260.50	1161.00	29.00
Average mummies per litter	0.35	0.273	0.31	0.57	0.10
Farrowing rate	82.62	8.064	84.15	90.62	74.05
Pre-weaning mortality	14.37	4.506	14.01	19.21	9.25
Sows farrowed and weaned	1208.20	1035.020	856.50	2891.00	261.00
Average age at weaning	20.93	2.378	20.60	23.38	18.67
Total pigs weaned	12933.76	10981.320	9217.50	30707.00	2724.00
Average litter weaning weight (n=70)	142.00	4456.070	144.06	167.81	115.48
Pigs weaned per litter weaned	11.16	0.798	11.17	12.12	10.29
Pigs wnd / mated female / yr	24.99	4.135	25.07	30.06	20.09
Pigs wnd / female / year	23.89	4.013	24.12	28.61	18.97
Females entered	1.69	14.528	0.00	0.00	0.00
Sow and gilt deaths	60.21	62.184	38.50	135.00	8.00
Death rate	10.62	4.889	10.05	16.49	5.64
Sows and gilts culled	243.14	273.459	154.50	579.00	30.00
Culling rate (n=334)	42.28	19.089	42.15	66.78	17.72
Total sows	2042.84	1754.750	1436.00	4827.00	471.00
Ending boar inventory	11.91	34.786	4.00	23.00	0.00



PigCHAMP ›  
**Benchmarking**

US 2017 3<sup>rd</sup> Quarter Summary

Total farms = 366

Variable	Mean	SD	Median	Upper 10 Percentile	Lower 10 Percentile
Total number of services	1460.52	1167.400	1177.00	3334.00	312.00
Number repeat services	99.07	128.369	56.00	231.00	11.00
Percent repeat services	6.99	4.905	5.91	13.56	1.59
Number of sows farrowed	1271.61	988.084	1024.50	2939.00	286.00
Total pigs born	18466.01	14447.960	14983.00	42363.00	3851.00
Average total pigs per litter	14.32	1.076	14.44	15.54	12.87
Total pigs born alive	16573.73	13032.040	13463.50	37768.00	3451.00
Average pigs born alive/litter	12.82	1.009	12.97	13.93	11.49
Liveborn/female/yr	28.90	5.356	29.26	33.52	23.30
Total stillborn pigs	1324.58	1029.060	1135.00	2742.00	251.00
Average stillborn pigs	1.09	0.368	1.05	1.57	0.69
Total mummified pigs born	567.69	806.564	362.50	1324.00	48.00
Average mummies per litter	0.41	0.341	0.35	0.67	0.12
Farrowing rate	84.70	7.406	86.35	91.61	76.08
Pre-weaning mortality	14.72	4.203	14.52	20.34	9.71
Sows farrowed and weaned	1264.80	968.017	1062.50	2973.00	277.00
Average age at weaning	20.66	2.262	20.33	23.03	18.50
Total pigs weaned	13612.78	10429.050	10912.50	30384.00	2813.00
Average litter weaning weight (n=64)	136.90	28.906	142.73	161.74	105.69
Pigs weaned per litter weaned	11.18	0.879	11.27	12.14	10.07
Pigs wnd / mated female / yr	25.05	4.323	25.63	29.52	19.77
Pigs wnd / female / year	24.02	4.266	24.70	28.28	19.00
Females entered	1.20	8.792	0.00	0.00	0.00
Sow and gilt deaths	65.06	59.350	49.00	140.00	11.00
Death rate	11.23	4.795	10.63	16.52	6.24
Sows and gilts culled	245.02	226.481	177.50	583.00	31.00
Culling rate (n=363)	40.99	18.276	41.58	63.04	16.32
Total sows	2153.33	1719.930	1749.00	4873.00	492.00
Ending boar inventory	6.03	10.140	4.00	14.00	0.00



# PigCHAMP Benchmarking

US 2017-2 summary

Number of farms - 368

Variable	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Total number of services	1456.00	1199.000	1254.00	3268.00	320.00
Number repeat services	96.61	184.608	55.50	218.00	8.00
Percent repeat services	6.69	5.450	5.51	12.62	1.40
Number of sows farrowed	1296.46	1058.090	1147.50	2979.00	269.00
Total pigs born	18813.92	15435.370	16354.00	42619.00	3749.00
Average total pigs per litter	14.33	1.061	14.43	15.55	12.99
Total pigs born alive	16595.86	13740.480	14126.00	38040.00	3276.00
Average pigs born alive/litter	12.66	1.550	13.00	13.93	11.15
Liveborn/female/yr	29.13	7.990	29.15	34.77	21.55
Total stillborn pigs	1324.01	1068.780	1096.50	2835.00	225.00
Average stillborn pigs	1.07	0.375	1.05	1.58	0.66
Total mummified pigs born	894.05	2776.800	409.50	1356.00	43.00
Average mummies per litter	0.60	0.940	0.37	1.00	0.11
Farrowing rate	84.09	9.644	86.55	91.80	74.25
Pre-weaning mortality	15.52	7.698	14.01	21.42	9.29
Sows farrowed and weaned	1242.67	1006.620	1015.00	2862.00	264.00
Average age at weaning	20.68	2.347	20.33	23.20	18.51
Total pigs weaned	13391.21	10970.550	10080.00	30711.00	2606.00
Average litter weaning weight (n=65)	135.45	31.621	141.94	165.59	102.01
Pigs weaned per litter weaned	11.14	1.110	11.34	12.21	9.94
Pigs wnd / mated female / yr	24.99	5.777	25.84	30.05	19.16
Pigs wnd / female / year	23.95	5.683	24.71	28.74	18.38
Females entered	0.62	5.254	0.00	0.00	0.00
Sow and gilt deaths	71.94	161.685	45.50	141.00	9.00
Death rate	10.77	7.085	10.10	15.11	5.48
Sows and gilts culled	227.74	208.065	151.50	533.00	26.00
Culling rate	38.54	17.812	39.68	60.64	14.31
Total sows	2174.66	1781.360	1775.00	4888.00	503.00
Ending boar inventory	8.77	21.644	4.00	18.00	0.00



PigCHAMP >  
**Benchmarking**

US 2017-1 summary

Number of farms = 353

<b>Variable</b>	<b>Mean</b>	<b>SD</b>	<b>Median</b>	<b>Upper 10 percentile</b>	<b>Lower 10 percentile</b>
Total number of services	1308.32	1163.430	937.00	2991.00	302.00
Number repeat services	90.66	110.395	50.00	221.00	6.00
Percent repeat services	7.04	5.580	5.81	14.97	1.30
Number of sows farrowed	1172.89	1123.830	792.00	2775.00	258.00
Total pigs born	16758.95	16167.840	11296.00	39125.00	3603.00
Average total pigs per litter	14.07	1.136	14.18	15.46	12.73
Total pigs born alive	15079.29	14644.870	9944.00	35630.00	3107.00
Average pigs born alive/litter	12.67	1.062	12.74	13.89	11.35
Liveborn/female/yr	29.22	11.823	28.66	34.03	22.14
Total stillborn pigs	1171.06	1138.250	811.00	2810.00	173.00
Average stillborn pigs	1.03	0.389	1.01	1.54	0.56
Total mummified pigs born	508.60	1008.080	251.00	1101.00	19.00
Average mummies per litter	0.37	0.397	0.32	0.63	0.07
Farrowing rate	82.46	9.712	84.55	91.10	71.20
Pre-weaning mortality	15.08	8.612	14.25	22.01	8.44
Sows farrowed and weaned	1110.69	1013.090	775.00	2537.00	262.00
Average age at weaning	20.67	2.528	20.28	23.16	18.37
Total pigs weaned	11961.46	10921.570	8361.00	26444.00	2714.00
Average litter weaning weight (n=79)	137.10	30.642	138.97	173.06	104.98
Pigs weaned per litter weaned	11.11	0.904	11.15	12.13	9.98
Pigs wnd / mated female / yr	24.89	5.390	25.39	30.71	17.72
Pigs wnd / female / year	23.76	5.167	24.37	28.99	16.81
Females entered	0.99	14.338	0.00	0.00	0.00
Sow and gilt deaths	56.57	77.100	32.00	127.00	7.00
Death rate	9.94	5.266	9.04	15.41	4.75
Sows and gilts culled	238.46	243.344	155.00	569.00	44.00
Culling rate (n=347)	44.83	16.767	44.78	66.08	23.33
Total sows	1952.69	1725.060	1373.00	4503.00	456.00
Ending boar inventory	11.75	45.625	3.00	19.00	0.00