



PigCHAMP ›  
**Benchmarking**

USA 2018 year end summary

Total number of farms 375

Variable	Mean	SD	Median	Upper 10th percentile	Lower 10th percentile
Total number of services	5128.59	5278.660	3548.00	13304.00	260.00
Number repeat services	290.72	367.951	152.00	773.00	13.00
Percent repeat services	6.60	4.433	5.99	11.80	1.54
Number of sows farrowed	4473.40	4685.450	2969.00	11355.00	219.00
Total pigs born	65614.09	69140.260	40882.00	167084.00	3185.00
Average total pigs per litter	14.43	1.086	14.59	15.66	13.06
Total pigs born alive	58899.22	62389.750	36918.00	149787.00	2721.00
Average pigs born alive/litter	12.90	0.951	13.00	13.94	11.95
Liveborn/female/yr	28.62	4.323	28.51	32.48	24.53
Total stillborn pigs	4693.34	4870.230	3381.00	11141.00	240.00
Average stillborn pigs	1.13	0.378	1.08	1.56	0.72
Total mummified pigs born	2021.51	2881.890	1026.00	4846.00	34.00
Average mummies per litter	0.40	0.282	0.37	0.71	0.10
Farrowing rate	83.90	5.960	84.78	90.30	76.98
Pre-weaning mortality	14.85	3.825	14.40	19.81	10.31
Sows farrowed and weaned	4440.35	4608.970	2966.00	11381.00	204.00
Average age at weaning	20.74	2.237	20.35	23.00	18.80
Total pigs weaned	49490.07	51558.380	32772.00	120595.00	2127.00
Average litter weaning weight (n=74)	132.95	40.946	141.82	167.15	98.74
Pigs weaned per litter weaned	11.23	0.788	11.27	12.15	10.45
Pigs wnd / mated female / yr	25.28	3.371	25.38	29.22	21.20
Pigs wnd / female / year	24.11	3.389	24.16	28.01	19.94
Females entered	1020.57	1089.080	605.00	2638.00	41.00
Sow and gilt deaths	242.68	267.957	164.00	607.00	8.00
Death rate	11.68	3.701	11.80	16.20	7.20
Sows and gilts culled	931.53	985.205	618.00	2278.00	37.00
Culling rate (n=369)	45.06	14.210	45.90	61.60	28.30
Total sows	2176.19	1828.650	1728.00	4977.00	469.00
Ending boar inventory	7.85	31.799	3.00	13.00	0.00



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# Benchmarking

USA 2018-4<sup>th</sup> quarter summary

Total number of farms 365

Variable	Mean	SD	Median	Upper 10th percentile	Lower 10th percentile
Total number of services	1358.42	1252.120	983.00	3331.00	191.00
Number repeat services	83.71	107.586	48.00	210.00	5.00
Percent repeat services	6.97	5.256	6.16	13.13	1.01
Number of sows farrowed	1175.99	1138.700	791.00	2798.00	160.00
Total pigs born	17063.58	16587.080	11476.00	40320.00	2421.00
Average total pigs per litter	14.30	1.160	14.39	15.67	12.86
Total pigs born alive	15405.95	15079.680	10127.00	36607.00	2115.00
Average pigs born alive/litter	12.83	1.048	12.92	14.06	11.61
Liveborn/female/yr	27.67	5.477	28.28	32.88	21.28
Total stillborn pigs	1202.95	1148.370	875.00	2764.00	168.00
Average stillborn pigs	1.12	0.417	1.05	1.61	0.69
Total mummified pigs born	454.69	560.688	273.00	1108.00	18.00
Average mummies per litter	0.35	0.240	0.32	0.63	0.10
Farrowing rate	82.34	7.788	83.72	90.20	72.40
Pre-weaning mortality	14.86	4.646	14.20	19.69	10.06
Sows farrowed and weaned	1182.60	1105.000	825.00	2842.00	159.00
Average age at weaning	20.96	2.417	20.51	23.57	18.81
Total pigs weaned	13199.44	12461.480	8817.00	30786.00	1644.00
Average litter weaning weight (n=65)	143.06	24.900	141.98	175.23	116.34
Pigs weaned per litter weaned	11.16	0.886	11.23	12.18	10.16
Pigs wnd / mated female / yr	25.11	4.812	25.32	30.16	19.16
Pigs wnd / female / year	23.91	4.812	24.05	29.28	17.94
Females entered	259.71	256.088	167.00	637.00	14.00
Sow and gilt deaths	64.26	66.585	44.00	152.00	6.00
Death rate	11.53	4.751	11.20	16.90	6.20
Sows and gilts culled	240.18	224.081	161.00	577.00	28.00
Culling rate (n=358)	45.90	18.651	44.40	71.10	23.60
Total sows	2225.80	1805.990	1854.00	4911.00	499.00
Ending boar inventory	8.38	36.569	3.00	13.00	0.00



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# Benchmarking

USA 2018-3<sup>rd</sup> Qtr Summary

Total farms=381

Variable	Mean	SD	Median	Upper 10 Percentile	Lower 10 Percentile
Total number of services	1446.66	1266.840	1148.00	3237.00	282.00
Number repeat services	93.55	114.586	55.00	221.00	8.00
Percent repeat services	6.97	4.954	6.31	12.75	1.46
Number of sows farrowed	1289.42	1117.170	1085.00	2935.00	254.00
Total pigs born	18980.60	16503.740	16351.50	42237.00	3432.00
Average total pigs per litter	14.49	1.111	14.65	15.72	13.19
Total pigs born alive	16989.07	14863.940	13988.50	38353.00	3172.00
Average pigs born alive/litter	12.94	1.008	13.06	14.00	11.93
Liveborn/female/yr	28.83	4.888	29.36	33.72	22.91
Total stillborn pigs	1414.88	1215.810	1183.00	2974.00	213.00
Average stillborn pigs	1.15	0.409	1.10	1.65	0.70
Total mummified pigs born	576.65	856.517	379.50	1230.00	27.00
Average mummies per litter	0.51	2.413	0.35	0.62	0.10
Farrowing rate	83.70	7.451	85.36	90.94	74.10
Pre-weaning mortality	15.00	4.038	14.79	19.60	10.39
Sows farrowed and weaned	1266.39	1119.130	985.00	2848.00	244.00
Average age at weaning	20.56	2.337	20.21	22.85	18.59
Total pigs weaned	14170.73	12623.520	11253.50	31188.00	2704.00
Average litter weaning weight (n=79)	632.09	4549.900	139.74	166.97	11.30
Pigs weaned per litter weaned	11.21	0.840	11.27	12.17	10.35
Pigs wnd / mated female / yr	25.25	3.859	25.58	29.51	20.55
Pigs wnd / female / year	24.14	3.858	24.37	28.39	19.44
Females entered	146.74	213.421	44.50	450.00	0.00
Sow and gilt deaths	70.87	64.651	51.00	158.00	9.00
Death rate	12.13	5.137	11.76	17.25	6.54
Sows and gilts culled	248.08	239.790	177.00	549.00	39.00
Culling rate (n=372)	41.40	16.447	41.30	62.50	20.70
Total sows	2227.18	1831.140	1944.00	4933.00	498.00
Ending boar inventory	16.07	98.710	4.00	19.00	0.00



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**Benchmarking**

USA 2018- 2<sup>nd</sup> Qtr Summary

Total farms=346

<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	1428.48	1322.680	1141.00	3348.00	255.00
Number repeat services	79.31	103.776	42.50	194.00	6.00
Percent repeat services	6.06	4.918	4.99	11.89	1.14
Number of sows farrowed	1235.36	1142.330	951.00	2900.00	233.00
Total pigs born	18210.97	16955.440	14455.50	42069.00	3262.00
Average total pigs per litter	14.49	1.126	14.61	15.74	13.07
Total pigs born alive	16317.55	15292.420	12742.00	37793.00	2848.00
Average pigs born alive/litter	12.96	1.041	13.05	14.10	11.94
Liveborn/female/yr	28.59	5.223	28.85	33.63	22.32
Total stillborn pigs	1305.44	1202.290	1047.50	2747.00	185.00
Average stillborn pigs	1.11	0.384	1.06	1.62	0.68
Total mummified pigs born	587.98	802.058	372.50	1385.00	22.00
Average mummies per litter	0.42	0.336	0.37	0.73	0.09
Farrowing rate	83.50	7.853	85.33	90.90	73.85
Pre-weaning mortality	14.45	4.910	13.87	19.80	9.24
Sows farrowed and weaned	1227.62	1105.060	914.00	2878.00	230.00
Average age at weaning	20.45	2.339	19.97	23.04	18.35
Total pigs weaned	13765.80	12530.490	10082.00	31767.00	2488.00
Average litter weaning weight (n=61)	105.71	49.120	128.00	161.00	38.128
Pigs weaned per litter weaned	11.30	0.856	11.39	12.25	10.29
Pigs wnd / mated female / yr	25.63	4.159	25.91	30.33	20.16
Pigs wnd / female / year	24.45	4.067	24.81	28.98	18.80
Females entered	34.51	108.924	0.00	90.00	0.00
Sow and gilt deaths	67.13	66.199	48.00	155.00	8.00
Death rate	11.71	5.020	11.12	17.30	6.04
Sows and gilts culled	242.63	242.710	150.00	562.00	34.00
Culling rate (n=345)	43.66	18.312	43.80	65.42	18.83
Total sows	2207.39	1899.640	1767.00	5024.00	471.00
Ending boar inventory	10.19	29.063	4.00	19.00	0.00



PigCHAMP >  
**Benchmarking**

US farms 2018-1<sup>st</sup> Qtr summary

Number of farms 337

Variable	Mean	SD	Median	Upper 10 percentile	Lower 10 Percentile
Total number of services	1388.51	1222.320	968.50	3301.00	281.00
Number repeat services	94.34	109.382	54.00	223.00	7.00
Percent repeat services	7.39	6.300	6.05	14.58	1.21
Number of sows farrowed	1231.62	1148.440	816.00	2938.00	254.00
Total pigs born	17934.38	16872.240	12079.00	42238.00	3509.00
Average total pigs per litter	14.32	1.161	14.44	15.67	12.85
Total pigs born alive	15967.11	15233.210	10470.50	38408.00	3069.00
Average pigs born alive/litter	12.67	1.244	12.87	13.97	11.16
Liveborn/female/yr	28.68	6.984	28.70	34.56	20.88
Total stillborn pigs	1309.93	1203.450	955.00	2959.00	222.00
Average stillborn pigs	1.16	0.440	1.09	1.70	0.67
Total mummified pigs born	657.33	1227.320	322.00	1389.00	25.00
Average mummies per litter	0.49	0.694	0.34	0.90	0.09
Farrowing rate	82.26	9.506	84.74	90.45	73.48
Pre-weaning mortality	16.18	7.569	15.02	23.96	9.32
Sows farrowed and weaned	1184.86	1083.020	818.00	2941.00	250.00
Average age at weaning	20.88	2.376	20.46	23.77	18.60
Total pigs weaned	12652.03	11711.840	8533.00	30132.00	2704.00
Average litter weaning weight (n=71)	130.08	43.083	136.61	160.44	99.80
Pigs weaned per litter weaned	11.07	0.991	11.19	12.15	9.91
Pigs wnd / mated female / yr	24.61	5.456	25.16	31.07	17.73
Pigs wnd / female / year	23.49	5.272	23.93	29.43	16.87
Females entered	1.84	10.594	0.00	0.00	0.00
Sow and gilt deaths	63.65	72.110	40.00	145.00	8.00
Death rate	11.13	5.513	10.56	18.37	5.48
Sows and gilts culled	253.54	370.158	158.00	572.00	32.00
Culling rate (n=334)	41.42	18.813	42.70	66.09	15.94
Total sows	2082.25	1800.100	1456.50	4960.00	458.00
Ending boar inventory	5.68	10.865	3.00	14.00	0.00