



PigCHAMP ›  
**Benchmarking**

South Africa 2021 Year end summary

Number of farms= 55

Variable	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Total number of services	2522.20	2739.970	1643.00	4772.00	353.00
Number repeat services	71.98	71.376	53.00	164.00	7.00
Percent repeat services	4.54	4.535	2.95	11.74	0.48
Number of sows farrowed	2255.93	2561.340	1523.00	4182.00	284.00
Total pigs born	31055.16	37200.640	19178.00	61136.00	3701.00
Average total pigs per litter	13.43	1.185	13.66	14.80	11.81
Total pigs born alive	28859.47	34620.460	18383.00	55241.00	3417.00
Average pigs born alive/litter	12.49	0.980	12.50	13.68	11.32
Liveborn/female/yr	27.73	3.566	27.52	32.36	23.37
Total stillborn pigs	1694.42	2053.490	1060.00	4211.00	162.00
Average stillborn pigs	0.72	0.305	0.76	1.03	0.29
Total mummified pigs born	501.29	722.173	225.00	1032.00	43.00
Average mummies per litter	0.22	0.152	0.22	0.41	0.03
Farrowing rate	86.61	6.096	88.12	92.85	77.47
Pre-weaning mortality	10.02	4.537	8.87	16.39	5.48
Sows farrowed and weaned	2240.25	2538.940	1463.00	4171.00	287.00
Average age at weaning	25.92	2.709	26.85	28.18	20.77
Total pigs weaned	25959.96	31427.490	16074.00	48304.00	2767.00
Average litter weaning weight (n=51)	166.40	61.821	175.57	210.16	97.20
Pigs weaned per litter weaned	11.66	0.997	11.75	12.69	10.69
Pigs wnd / mated female / yr	25.75	3.335	25.98	29.65	21.91
Pigs wnd / female / year	24.83	3.603	24.57	29.57	20.50
Females entered	565.45	575.081	434.00	1128.00	58.00
Sow and gilt deaths	74.53	85.832	43.00	162.00	10.00
Death rate	7.47	3.746	7.40	11.60	2.50
Sows and gilts culled	523.91	545.359	363.00	849.00	85.00
Culling rate (n=53)	51.60	16.716	49.70	73.30	35.10
Total sows	990.85	1041.430	680.00	1675.00	179.00
Ending boar inventory	8.55	16.926	4.00	14.00	0.00



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South Africa 2021-4<sup>th</sup> quarter summary

Number of farms= 55

Variable	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Total number of services	630.33	688.366	418.00	1213.00	100.00
Number repeat services	17.80	18.056	12.00	44.00	0.00
Percent repeat services	4.46	4.517	3.35	10.14	0.00
Number of sows farrowed	583.64	640.479	389.00	1073.00	109.00
Total pigs born	8143.75	9468.850	5360.00	15743.00	1172.00
Average total pigs per litter	13.62	1.286	13.80	15.08	11.86
Total pigs born alive	7567.45	8809.520	5060.00	14117.00	1147.00
Average pigs born alive/litter	12.68	1.041	12.73	13.89	11.43
Liveborn/female/yr	28.60	3.738	29.04	33.14	23.69
Total stillborn pigs	444.44	527.715	269.00	1206.00	50.00
Average stillborn pigs	0.73	0.336	0.76	1.12	0.27
Total mummified pigs born	131.84	183.121	63.00	268.00	11.00
Average mummies per litter	0.21	0.151	0.20	0.42	0.04
Farrowing rate	86.45	7.758	89.05	93.50	76.11
Pre-weaning mortality	9.91	4.404	8.61	16.03	4.95
Sows farrowed and weaned	577.36	647.775	400.00	1074.00	110.00
Average age at weaning	26.02	3.059	27.18	28.74	20.57
Total pigs weaned	6795.35	8150.210	4081.00	12452.00	1129.00
Average litter weaning weight (n=46 )	176.85	38.362	186.85	213.99	136.75
Pigs weaned per litter weaned	11.86	1.024	11.87	12.91	10.85
Pigs wnd / mated female / yr	26.30	3.881	26.73	30.53	20.95
Pigs wnd / female / year	25.52	4.033	25.63	30.14	20.52
Females entered	137.31	136.874	103.00	309.00	18.00
Sow and gilt deaths	18.75	20.804	12.00	40.00	2.00
Death rate	7.50	4.877	7.10	13.40	2.10
Sows and gilts culled	128.02	131.654	89.00	257.00	24.00
Culling rate (n=52)	47.55	15.747	44.65	70.20	31.40
Total sows	1000.73	1040.630	690.00	1705.00	179.00
Ending boar inventory	8.55	16.926	4.00	14.00	0.00



PigCHAMP ›  
Benchmarking

S Africa 2021-3<sup>rd</sup> quarter summary

Number of farms= 52

Variable	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Total number of services	626.02	602.203	456.00	1190.00	104.00
Number repeat services	16.79	20.055	10.50	35.00	0.00
Percent repeat services	3.99	4.083	2.43	10.87	0.00
Number of sows farrowed	557.71	564.843	384.50	1035.00	100.00
Total pigs born	7628.42	8210.010	5174.50	11787.00	1381.00
Average total pigs per litter	13.42	1.161	13.42	14.93	11.97
Total pigs born alive	7100.27	7625.960	4888.50	11082.00	1270.00
Average pigs born alive/litter	12.51	0.988	12.38	13.80	11.44
Liveborn/female/yr	27.33	4.750	27.33	32.78	21.90
Total stillborn pigs	416.77	484.359	270.50	999.00	65.00
Average stillborn pigs	0.72	0.308	0.78	1.07	0.28
Total mummified pigs born	111.38	154.539	46.50	248.00	5.00
Average mummies per litter	0.19	0.144	0.19	0.36	0.03
Farrowing rate	86.05	7.666	88.05	93.01	76.40
Pre-weaning mortality	10.08	4.651	9.35	16.39	5.54
Sows farrowed and weaned	573.04	560.295	396.50	1073.00	95.00
Average age at weaning	25.69	2.809	26.82	28.05	20.94
Total pigs weaned	6558.63	6859.340	4474.50	10306.00	1269.00
Average litter weaning weight (n=46 )	155.52	50.025	168.15	205.46	88.92
Pigs weaned per litter weaned	11.58	1.056	11.59	12.63	10.42
Pigs wnd / mated female / yr	26.27	4.608	26.46	31.27	21.35
Pigs wnd / female / year	25.50	4.666	25.56	30.80	21.33
Females entered	141.10	128.940	120.00	267.00	14.00
Sow and gilt deaths	19.13	22.887	13.00	41.00	1.00
Death rate	7.06	5.055	7.45	11.60	1.10
Sows and gilts culled	129.17	145.041	93.00	244.00	15.00
Culling rate (n=48)	45.30	17.264	46.75	64.30	25.00
Total sows	994.40	1017.490	657.50	1683.00	188.00
Ending boar inventory	7.25	13.201	4.00	13.00	0.00



PigCHAMP ›  
Benchmarking

S Africa 2021-2<sup>nd</sup> quarter summary

Number of farms = 51

Variable	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Total number of services	643.63	602.976	485.00	1187.00	211.00
Number repeat services	18.88	21.647	11.00	46.00	0.00
Percent repeat services	4.25	4.745	2.55	9.89	0.00
Number of sows farrowed	560.14	547.315	388.00	989.00	148.00
Total pigs born	7553.41	7926.180	5222.00	11270.00	1902.00
Average total pigs per litter	13.26	1.186	13.41	14.65	11.57
Total pigs born alive	7030.67	7350.330	4819.00	10780.00	1713.00
Average pigs born alive/litter	12.35	0.990	12.54	13.46	11.22
Liveborn/female/yr	26.84	4.010	26.98	32.14	21.60
Total stillborn pigs	412.59	496.533	249.00	877.00	89.00
Average stillborn pigs	0.70	0.315	0.72	1.09	0.31
Total mummified pigs born	110.16	140.051	59.00	248.00	0.00
Average mummies per litter	0.20	0.170	0.16	0.42	0.00
Farrowing rate	85.48	7.198	87.12	92.73	73.87
Pre-weaning mortality	9.14	4.275	8.98	13.63	4.29
Sows farrowed and weaned	566.43	558.224	393.00	1023.00	166.00
Average age at weaning	25.96	2.791	26.90	28.19	21.02
Total pigs weaned	6487.53	6842.430	4596.00	10130.00	1807.00
Average litter weaning weight (n=44)	170.23	43.067	176.66	208.43	126.42
Pigs weaned per litter weaned	11.62	0.806	11.71	12.55	10.62
Pigs wnd / mated female / yr	25.16	3.202	25.49	29.35	21.46
Pigs wnd / female / year	24.43	3.381	24.79	28.82	20.29
Females entered	147.71	119.778	119.00	285.00	30.00
Sow and gilt deaths	17.78	20.253	12.00	38.00	2.00
Death rate	6.41	4.156	6.50	10.60	1.60
Sows and gilts culled	137.78	129.815	104.00	240.00	22.00
Culling rate (n=48)	49.43	19.258	50.25	74.10	20.60
Total sows	978.57	915.923	701.00	1607.00	348.00
Ending boar inventory	7.53	13.263	4.00	14.00	0.00



PigCHAMP ›  
Benchmarking

S Africa 2021 1<sup>st</sup> quarter summary

Number of farms = 47

Variable	Mean	SD	Median	Upper 10 percentile	Lower 10 percentile
Total number of services	622.3	624.206	450.0	1162.0	108.0
Number repeat services	18.3	19.506	10.0	48.0	2.0
Percent repeat services	4.6	5.080	2.6	12.9	0.5
Number of sows farrowed	553.3	587.982	393.0	1037.0	84.0
Total pigs born	7644.9	8656.050	5329.0	15033.0	1134.0
Average total pigs per litter	13.5	1.132	13.7	14.8	11.7
Total pigs born alive	7103.5	8022.800	4928.0	13691.0	1043.0
Average pigs born alive/litter	12.5	0.994	12.6	13.6	11.2
Liveborn/female/yr	27.2	5.022	28.0	32.8	20.8
Total stillborn pigs	417.7	533.365	263.0	946.0	79.0
Average stillborn pigs	0.8	0.295	0.8	1.1	0.3
Total mummified pigs born	123.6	155.849	63.0	304.0	4.0
Average mummies per litter	0.2	0.198	0.2	0.4	0.0
Farrowing rate	84.7	12.759	88.9	94.2	70.8
Pre-weaning mortality	9.9	4.559	9.4	16.8	4.7
Sows farrowed and weaned	533.7	589.386	363.0	979.0	79.0
Average age at weaning	26.2	2.572	26.7	28.4	21.4
Total pigs weaned	6226.1	7261.160	4022.0	11499.0	914.0
Average litter weaning weight (n=39)	171.2	40.908	180.6	212.8	119.8
Pigs weaned per litter weaned	11.7	0.984	12.1	12.6	10.4
Pigs wnd / mated female / yr	24.3	4.913	25.2	29.1	18.9
Pigs wnd / female / year	23.7	4.872	23.7	29.0	18.0
Females entered	127.1	122.175	95.0	216.0	14.0
Sow and gilt deaths	19.2	19.649	13.0	43.0	2.0
Death rate	7.9	5.807	7.1	14.3	2.4
Sows and gilts culled	125.4	135.593	93.0	205.0	15.0
Culling rate (n=44)	45.5	18.912	47.0	72.9	17.9
Total sows	985.4	959.258	725.0	1669.0	307.0
Ending boar inventory	5.1	5.487	4.0	14.0	0.0