

Canada 2011- year end summary Total farms used for summary = 16

	77- year end summary		inis used for st	•	Upper 10	Lower 10
CARE3000 variables	DOS variables	Mean	SD	Median	percentile	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



Canada 2011- 1st quarter summary Total farms used for summary = 28

	PigCHAMP DOS			·	Upper 10	Lower 10
CARE3000 variables	variables	Mean	SD	Median	percentile	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 Piglets	Pigs wnd / mated female / yr	25.41	2.464	25.65	28.70	21.94
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



Canada 2011- 2nd quarter summary

Total farms used for summary = 15

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 bolli	- · ·	8201.80	8007.980	4230.00	21022.00	2201.00
Total born per litter	Average total pigs per litter	12 20	1 000	13.70	14 27	11.00
Total liveborn	***	13.38	1.009		14.37	11.90 1993.00
1 otal 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
	litters/fem/yr * ave pigs					
Liveborn/female/year	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 pigs	0.50	3.0.00			
Total mummified	born	148.47	147.667	78.00	397.00	45.00
	Average mummies per					
Mummified per litter	litter	0.25	0.081	0.24	0.37	0.17
	Sows farrowed and					
Sows weaned	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
	Pigs weaned per litter					
Piglets 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 litter weaning					
Average weaned weight	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
	Pigs wnd / mated female /					
Piglets weaned/sow/year	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
, so ii deams per jeur	Ave female inv - Ave gilt	7.71	5.107	0.00	111.10	2
Total sows	pool inv	1041.85	971.231	474.00	2580.00	283.50
	r	10.1.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,	2000.00	200.00



Canada 2011- 3rd quarter summary Total farms used for summary = 28

Canada 2011- 3rd quarter summary Total farms used for summary = 28						
0					Lower 10	
variables				-	percentile	
Number repeat services		56.191			6.00	
Percent repeat services	7.94	3.123	7.48	12.40	4.40	
Total number of services	505.61	547.656	264.00	1505.00	78.00	
Number of sows farrowed	476.93	552.874	232.50	1497.00	57.00	
Farrowing rate	81.05	10.427	83.96	92.89	66.00	
Total pigs born	6636.00	7833.480	2792.00	21044.00	806.00	
Average total pigs per						
litter	13.51	0.889	13.62	14.71	12.20	
Total pigs born alive	5876.71	6871.600	2481.00	19138.00	749.00	
Average pigs born						
alive/litter	12.13	0.718	12.33	13.10	11.40	
litters/fem/vr * ave pigs						
	29.29	5.802	28.05	31.86	25.56	
•					50.00	
					0.60	
	0.52	0.2	0.70	1.21	0.00	
born	155.14	221.650	72.50	335.00	8.00	
Average mummies per						
litter	0.27	0.130	0.30	0.44	0.10	
Sows farrowed and						
weaned	455.32	532.890	247.00	1451.00	57.00	
Total pigs weaned	4678.00	4987.620	2350.50	13061.00	871.00	
Pigs weaned per litter						
weaned	10.60	0.736	10.71	11.54	9.34	
Pre-weaning mortality	12.39	3.107	12.70	16.50	7.80	
Average litter weaning						
weight (N=23)	103.87	35.380	114.50	134.00	64.93	
Average age at weaning	20.63	2.285	20.43	23.82	17.68	
yr	25.23	2.013	25.39	27.63	22.90	
Pigs wnd / female / year	24.38	2.012	24.51	26.80	21.91	
Ending boar inventory	6.57	9.912	3.00	25.00	0.00	
Females entered	8.96	12.983	0.00	32.00	0.00	
Sows and gilts culled	84.29	95.045	42.00	204.00	9.00	
Culling rate	39.86	16.854	36.20	64.01	17.60	
Sow and gilt deaths	15.18	19.454	6.50	43.00	1.00	
Death rate	7.59		7.49		3.87	
pool inv	744.74	809.628	401.50	2203.00	120.30	
	PigCHAMP Dos variables  Number repeat services  Percent repeat services  Total number of services  Number of sows farrowed  Farrowing rate  Total pigs born  Average total pigs per litter  Total pigs born alive  Average pigs born alive/litter  litters/fem/yr * ave pigs born alive per litter  Total stillborn pigs  Average stillborn pigs  Total mummified pigs born  Average mummies per litter  Sows farrowed and weaned  Total pigs weaned  Pigs weaned per litter weaned  Pre-weaning mortality  Average litter weaning weight (N=23)  Average age at weaning  Pigs wnd / mated female / yr  Pigs wnd / female / year  Ending boar inventory  Females entered  Sows and gilts culled  Culling rate  Sow and gilt deaths  Death rate  Ave female inv - Ave gilt	PigCHAMP Dos variablesNumber repeat services42.11Percent repeat services7.94Total number of services505.61Number of sows farrowed476.93Farrowing rate81.05Total pigs born6636.00Average total pigs per litter13.51Total pigs born alive5876.71Average pigs born alive/litter12.13litters/fem/yr * ave pigs born alive per litter29.29Total stillborn pigs457.71Average stillborn pigs0.93Total mummified pigs born155.14Average mummies per litter0.27Sows farrowed and weaned455.32Total pigs weaned4678.00Pigs weaned per litter weaned10.60Pre-weaning mortality12.39Average litter weaning weight (N=23)103.87Average age at weaning20.63Pigs wnd / mated female / yr25.23Pigs wnd / female / year24.38Ending boar inventory6.57Females entered8.96Sows and gilt deaths15.18Death rate7.59Ave female inv - Ave gilt	PigCHAMP Dos variables         Mean         SD           Number repeat services         42.11         56.191           Percent repeat services         7.94         3.123           Total number of services         505.61         547.656           Number of sows farrowed         476.93         552.874           Farrowing rate         81.05         10.427           Total pigs born         6636.00         7833.480           Average total pigs per litter         13.51         0.889           Total pigs born alive         5876.71         6871.600           Average pigs born alive/litter         12.13         0.718           litters/fem/yr * ave pigs born alive per litter         29.29         5.802           Total stillborn pigs         457.71         566.655           Average stillborn pigs         0.93         0.244           Total mummified pigs born         155.14         221.650           Average mummies per litter         0.27         0.130           Sows farrowed and weaned         455.32         532.890           Total pigs weaned         4678.00         4987.620           Pigs weaned per litter weaning weight (N=23)         103.87         35.380           Average age at weaning         20.63	PigCHAMP Dos variables         Mean         SD         Median           Number repeat services         42.11         56.191         19.00           Percent repeat services         7.94         3.123         7.48           Total number of services         505.61         547.656         264.00           Number of sows farrowed         476.93         552.874         232.50           Farrowing rate         81.05         10.427         83.96           Total pigs born         6636.00         7833.480         2792.00           Average total pigs per litter         13.51         0.889         13.62           Total pigs born alive         5876.71         6871.600         2481.00           Average pigs born alive/litter         12.13         0.718         12.33           litters/fem/yr * ave pigs born alive per litter         29.29         5.802         28.05           Total stillborn pigs         457.71         566.655         178.00           Average stillborn pigs         0.93         0.244         0.96           Total mummified pigs born         155.14         221.650         72.50           Average mummies per litter         0.27         0.130         0.30           Sows farrowed and weaned         4678.0	PigCHAMP Dos variables         Mean         SD         Median percentile percentile         Upper 10 percentile           Number repeat services         42.11         56.191         19.00         113.00           Percent repeat services         7.94         3.123         7.48         12.40           Total number of services         505.61         547.656         264.00         1505.00           Number of sows farrowed         476.93         552.874         232.50         1497.00           Farrowing rate         81.05         10.427         83.96         92.89           Total pigs born         6636.00         7833.480         2792.00         21044.00           Average total pigs per litter         13.51         0.889         13.62         14.71           Total pigs born alive         5876.71         6871.600         2481.00         19138.00           Average pigs born alive per litter         29.29         5.802         28.05         31.86           Total stillborn pigs         457.71         566.655         178.00         1351.00           Average stillborn pigs         0.93         0.244         0.96         1.21           Total mummified pigs born         155.14         221.650         72.50         335.00	



Canada 2011- 4th quarter summary Total farms used for summary = 16

	POS		cp	•	Upper 10	Lower 10
CARE3000 variables	DOS variables	Mean	SD	Median	percentile	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
Total II vectorii	Average pigs born	0303.01	75 10.5 10	3307.00	20113.00	1377.00
Liveborn per litter	alive/litter	12.10	0.767	12.22	12.94	11.10
	litters/fem/yr * ave pigs					
Liveborn/female/year	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
Wullimined per litter		0.34	0.129	0.51	0.30	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
1 igiets weather	Pigs weaned per litter	7170.75	0310.300	3131.00	10,20.00	1333.00
Piglets 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
70 Total losses of fivebolii	Average litter weaning	12.50	3.207	12.20	10.17	7.03
Average weaned weight	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
Tigious ago at woulding	Pigs wnd / mated female /	21.09	3.055	21.55	20.02	17.75
Piglets weaned/sow/year	yr	24.29	2.314	24.40	27.06	22.23
Piglets	<i>J</i> -					
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
1 otal sows	Poor inv	1104.29	1030.730	+01.50	2771.00	304.00