

**SALERS ASSOCIATION OF CANADA  
ESTIMATED GENETIC AND ENVIRONMENTAL TRENDS**

**BIRTH WEIGHT**

Birth Year	No. Records	Genetic Trend	Environmental Trend
1988	20572	+1.5	+77.7
1989	23058	+1.6	+78.8
1990	25057	+1.7	+79.1
1991	28513	+1.8	+79.0
1992	30146	+1.9	+79.4
1993	28387	+1.9	+79.6
1994	27492	+2.0	+79.5
1995	24915	+2.1	+79.7
1996	20420	+2.3	+79.4
1997	18666	+2.3	+79.2
1998	17237	+2.3	+79.7
1999	15959	+2.3	+79.5
2000	14208	+2.3	+79.5
2001	12858	+2.4	+80.4
2002	12043	+2.4	+80.5
2003	10907	+2.4	+80.7
2004	10052	+2.3	+80.4
2005	10058	+2.3	+80.0
2006	9641	+2.3	+79.5
2007	9797	+2.2	+79.6
2008	8708	+2.2	+79.6
2009	8040	+2.2	+79.3
2010	7294	+2.2	+78.7
2011	7478	+2.1	+79.3
2012	7203	+2.1	+78.9
2013	7142	+2.0	+79.5
2014	6736	+2.0	+79.7
2015	6490	+1.9	+78.9
2016	5015	+1.8	+78.0

**WEANING WEIGHT**

No. Records	Genetic Trend	Environmental Trend
14791	+27.8	+549.4
17193	+27.9	+559.9
18132	+28.3	+558.7
14958	+28.6	+560.3
16355	+29.0	+578.1
20061	+29.4	+572.5
19659	+30.0	+569.1
18773	+30.8	+568.3
15124	+31.7	+559.4
14134	+32.2	+565.2
13463	+32.9	+564.8
12271	+33.2	+568.7
11251	+33.8	+567.0
10121	+34.2	+573.8
9622	+34.6	+575.9
8853	+35.1	+589.1
8011	+35.3	+597.8
8104	+36.0	+598.0
7542	+36.5	+599.1
7785	+37.1	+585.9
6915	+37.7	+590.8
6481	+38.4	+592.3
5878	+39.3	+599.5
6176	+39.8	+599.9
6002	+40.1	+595.7
5965	+40.6	+588.1
5630	+41.1	+594.6
5334	+42.0	+606.2
4158	+42.5	+612.5

**YEARLING WEIGHT**

No. Records	Genetic Trend	Environmental Trend
3300	+54.6	+886.9
3191	+54.4	+896.7
4226	+55.0	+915.0
5139	+55.4	+911.5
6271	+56.1	+911.0
5964	+56.8	+919.1
5352	+57.8	+944.2
4538	+59.1	+929.0
3916	+60.7	+918.0
3554	+61.7	+928.6
3069	+62.8	+914.9
2499	+63.6	+931.5
2596	+64.7	+956.6
2516	+65.4	+953.2
2749	+66.1	+959.1
2423	+67.3	+974.4
2457	+67.6	+989.7
2776	+68.7	+984.9
2329	+69.8	+987.6
2427	+71.0	+989.6
1860	+72.1	+966.0
1615	+73.5	+970.3
1540	+74.9	+961.8
1713	+75.6	+949.7
1441	+76.6	+937.9
1560	+77.6	+917.1
1453	+78.4	+956.4
1663	+80.1	+969.5
2	+81.5	+868.3

**MATERNAL MILK**

Genetic Trend
+15.9
+16.8
+17.6
+18.1
+18.4
+18.7
+18.9
+19.0
+19.3
+19.3
+18.9
+19.0
+19.2
+19.2
+19.4
+19.3
+19.2
+19.4
+19.3
+19.2
+19.0
+19.0
+19.2
+19.4
+19.5
+19.7
+19.8
+19.7
+20.0
+20.2

**SCROTAL SIZE**

No. Records	Genetic Trend	Environmental Trend
325	+0.1	+34.40
309	+0.1	+34.20
502	+0.1	+34.30
884	+0.1	+32.50
1039	+0.1	+34.30
1239	+0.1	+33.99
1069	+0.1	+34.09
1065	+0.1	+34.09
1136	+0.2	+34.20
1094	+0.2	+34.39
791	+0.2	+34.29
623	+0.2	+34.50
632	+0.2	+34.69
612	+0.2	+34.19
539	+0.2	+34.90
535	+0.2	+34.40
633	+0.2	+34.70
618	+0.2	+35.10
528	+0.2	+35.40
577	+0.2	+34.80
405	+0.3	+34.09
323	+0.3	+34.21
308	+0.3	+33.80
473	+0.3	+33.79
308	+0.3	+33.20
248	+0.3	+33.70
270	+0.3	+33.90
211	+0.3	+34.40
0	+0.3	