



# Canadian Genetic Evaluations Annual Report 2012

# Canada Genetic Evaluations

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## Annual Report 2012

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## **Introduction**

The Canadian Sheep Genetic Evaluation System has been developed and is maintained by the Center for the Genetic Improvement of Livestock (CGIL) at the University of Guelph. The sheep industry supports this development and genetic evaluation system through a coalition between Canadian Sheep Breeders Association (CSBA), the Centre d'expertise en production ovine du Quebec (CEPOQ) and the Ontario Sheep Marketing Agency (OSMA).

Producers access evaluations by enrolling in GenOvis which uses the online software housed at the University of Guelph and accesses the genetic evaluation database directly or by enrolling in the online management program, bioFlock which exchanges data with the genetic evaluation database. Producers with on farm management programs can enrol in GenOvis and upload data directly to the genetic evaluation database to receive evaluations and reports.

The sheep genetic evaluation system is a home flock performance test. The purpose of this evaluation system is to provide information that will effectively evaluate economic traits of lambs and report ram and ewe productivity.

The sheep genetic evaluation system meets the National Standards developed by Agriculture and Agri-Food Canada. Across flock genetic evaluations are calculated weekly for Canadian flocks.

## General Summary

Participation has held relatively constant from 2008 to 2012. There has been a general trend towards larger flocks among the producers participating in the program as some of the very small flocks stop participating.

Participation since 2008 is summarized as follows:

**Table 1a. All CA Sheep Performance Testing Summary 2008-2012**

<b>HOME TEST</b>					
<b>Number of</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Producers reporting lambs	153	148	173	178	174
Ewes	17593	17687	19685	20613	19030
Lambs born	38722	38400	42990	47309	43696
50 day weights	28250	27669	32906	35587	33137
100 day weights	23524	25169	27811	30863	27662
% of lambs with 100 day weights *	60.8	65.5	64.7	65.2	63.3
Producers taking muscle and fat measurements	23	23	24	32	33
Lambs with muscle and fat measurements	1210	1496	1592	2259	2582

**Table 1b. ON Sheep Performance Testing Summary 2008-2012**

<b>HOME TEST</b>					
<b>Number of</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Producers reporting lambs	60	50	46	47	46
Ewes	6471	6006	5173	5037	4197
Lambs born	14153	12447	10487	10903	8324
50 day weights	9107	7804	6987	6799	5790
100 day weights	7363	8007	5792	5482	3283
% of lambs with 100 day weights *	52.0	64.3	55.2	50.3	39.4
Producers taking muscle and fat measurements	11	5	5	3	5
Lambs with muscle and fat measurements	645	501	380	224	304

\* % of lambs with 100 day weights is calculated from the number of lambs with 100 day weights divided by the number of lambs born.

**Table 1c. QC Sheep Performance Testing Summary 2008-2012**

<b>HOME TEST</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>Number of</b>					
Producers reporting lambs	80	87	107	106	99
Ewes	10306	10974	13484	14207	13435
Lambs born	22966	24489	30556	33827	32577
50 day weights	17840	18683	24369	26990	25322
100 day weights	14991	15951	20587	23433	22517
% of lambs with 100 day weights *	65.3	65.1	67.4	69.3	69.1
Producers taking muscle and fat measurements	11	17	18	28	27
Lambs with muscle and fat measurements	507	951	1151	1997	2251

**Table 1d. CA Sheep Performance Testing Summary 2008-2012 (omit ON and QC)**

<b>HOME TEST</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>Number of</b>					
Producers reporting lambs	13	11	20	25	29
Ewes	816	707	1028	1369	1398
Lambs born	1603	1464	1947	2579	2795
50 day weights	1303	1182	1550	1798	2025
100 day weights	1170	1211	1432	1948	1862
% of lambs with 100 day weights *	73.0	82.7	73.5	75.5	66.6
Producers taking muscle and fat measurements	1	1	1	1	1
Lambs with muscle and fat measurements	58	45	61	38	27

\* % of lambs with 100 day weights is calculated from the number of lambs with 100 day weights divided by the number of lambs born.

All breeding animals and lambs with a known breed makeup, purebred and crossbred, receive Estimated Progeny Difference (EPD) evaluations. EPDs are provided for fifteen (15) traits: lamb survival direct and maternal, birth weight direct and maternal, 50 day weight direct and maternal, 100 day weight direct, loin depth thickness, fat cover thickness, age at first lambing, number born at first lambing, number weaned at first lambing, lambing interval, number born later lambings and number weaned later lambings.

A realtime ultrasound project supported by the Ontario Sheep Marketing Agency (OSMA) and the Rural Job Strategy Fund, and the Ontario Suffolk Sire Reference Association was initiated in 1997 and continued in 1998 and 1999 to evaluate carcass characteristics on live animals. The measurements were taken on-farm at the time of the 100 day weighing. At this time the lambs are approximately 14 weeks of age. In other countries these measurements are taken at approximately 21 weeks of age. In Ontario, many lambs are marketed before 14

weeks of age and almost all lambs by 18 weeks of age. As a result of this, 14 weeks was chosen as the most practical and useful time to measure carcass characteristics.

Realtime ultrasound measurements of loin depth and fat depth are available on-farm at cost by contacting the program office. This became a regular part of the program in 2000.



## The Canadian Sheep Genetic Evaluation System

The Canadian Sheep Genetic Evaluation System is a genetic improvement program designed to assist producers in the evaluation of potential breeding stock and provide a measure of the comparative productivity of ewes in the flock. Genetic evaluation information is generated that producers can use to improve the genetic merit of their flock and monitor performance.

The performance of an animal that you see and measure is a result of both the genetics of the animal and the animal's environment. For example, animals with exactly the same genetics will perform differently if they are fed differently, and animals that are fed exactly the same will perform differently due to genetics.

The program evaluates the differences between animals caused by genetics. Therefore, groups of animals must be treated or managed the same in the same environment to see the differences caused by genetics. This is called a contemporary group or a management group. A management group consists of lambs that were born within 41 days of each other, are located in the same place and have received the same care and management.

In order to participate in the program, basic information must be collected on individual animals. Basic data includes: Sire, dam, foster ewe and lamb identification, lamb birth date, breed of sire and dam, sex of lamb, born as and raised as. The weight information is optional. Weights can be collected at birth, 50 days (35-65 days) and 100 days (85-115 days).

Canadian genetic evaluations are run weekly on the central database which can be accessed via the internet by producers enrolled in GenOvis. BioFlock exchanges data with the central database on a weekly basis to provide evaluations to producers belonging to BioFlock. A Canadian Sheep Genetics Discussion site is available at <http://quartet.aps.uoguelph.ca/csges> and contains news and documentation on the genetic evaluations.

## Average Breed Performance

The following pages contain the average performance by breed of animals tested in the program for the years 2010, 2011, and 2012. This includes all information in the database for those years as of May 1<sup>st</sup>, 2013.

Table 2. Legend for Table 3, 4 and 5

Headings		Breed Codes	
Breed	See Breed Codes	BL	Border Leicester
# Prod	# of producers testing that breed	BC	Border Cheviot
# Ewes	# of ewes who lambed during the year	CD	Canadian
# Rams	# of rams siring lambs born in the year	CF	Clun Forest
# Born	Total # born	CO	Charollais
# Lambings	Total # of lambings	CR	Corriedale
Born per Lambing	Total # born per lambing	DH	Dorset – Horned
% Single	% of lambs born as singles	DO	Dorper
% Twin	% of lambs born as twins	DP	Dorset – Polled
% Trip	% of lambs born as triplets	EF	East Friesian
% 4+	% of lambs born as quads or more	FN	Finnish Landrace
Ave # Weaned/Lambing	Average # of lambs weaned per lambing	HA	Hampshire
% Still Born – 5B	% stillborn (lambs with 5B disposal code entered)	HY	Hybrid
% 0-10 – 5C	% lamb mortality between 0-10 days of life (5C codes)	IF	Ile de France
% 11-50 – 5D	% lamb mortality between 11-50 days of life (5D codes)	IL	Icelandic
% 51-100 – 5E	% lamb mortality between 51-100 days of life (5E codes)	KA	Katahdin
# Birth Wt	Total # of lambs weighed at birth	NC	North Country Cheviot
Ave Birth Wt	Average adjusted birth weight of all lambs weighed (kg)	NF	Newfoundland
# 50 Day Wt	Total # of lambs weighed at 50 days	OX	Oxford
Ave Adj 50 Wt	Average 50 day adjusted weight of all lambs weighed (kg)	PO	Polypay
# 100 Day Wt	Total # of lambs weighed at 100 days	RA	Rambouillet
Ave Adj 100 Wt	Average 100 day adjusted weight of all lambs weighed (kg)	RI	Rideau
Ave ADG	Average ADG (average daily gain) of all lambs	RV	Romanov
Ave # lambs Weaned/Ewe/Yr.	Average # of lambs weaned per ewe per year	RY	Romney
Ave kg. lamb raised to 50/Ewe/Yr.	Average kg. of lamb raised to 50 days per ewe per year	SH	Shropshire
# Ultrasounds	Total # of lambs with ultrasound measurements	SO	Southdown
Ave Ultra Wt	Average weight of lambs with ultrasound measurements (kg)	SU	Suffolk
Ave Adj Loin Depth	Average adjusted ultrasound loin depth measurements of all lambs (mm)	SY	Soay
Ave Adj Fat Depth	Average adjusted ultrasound fat depth measurements of all lambs (mm)	TU	Tunis
		TX	Texel
		XB	Crossbred

Table 3. Annual Home Test Summary, by Breed, for 2010 Born Lambs

Breed	# Prod	# Ewes	# Rams	# Born	# Lambings	Born Per Lambing	% Single	% Twin	% Trip	% 4+	Ave Weaned Per Lambing	% Still Born 5B	% 0-10 5C	% 11-50 5D	% 51-100 5E
CD	7	404	31	762	436	1.75	19.8	63.9	15.7	0.52	1.62	2.2	3.8	11.4	1.4
DP	47	2092	158	3592	2380	1.51	34.7	58.1	7.01	0.22	1.37	4.4	3.7	2.0	0.7
HA	7	295	26	443	313	1.41	42.7	53.3	4.06		1.23	4.5	6.8	6.1	2.2
HY	133	4386	260	9747	4792	2.03	14.7	42.0	29.7	13.5	1.74	7.2	5.6	3.6	1.4
IF	5	119	19	200	129	1.55	32.5	57.0	10.5		1.40	3.5	5.0	2.5	0.5
KA	3	169	8	304	169	1.80	16.4	67.1	13.8	2.63	1.72	2.0	2.3	1.0	0.3
NC	13	318	26	547	319	1.71	20.5	67.8	11.0	0.73	1.56	6.0	1.8	3.1	2.0
PO	9	674	62	1630	872	1.87	13.7	67.2	17.7	1.5	1.61	10.6	1.6	5.1	2.5
RI	42	4135	163	10600	4796	2.21	9.8	39.7	36.1	14.4	1.81	6.1	9.3	6.6	1.8
RV	26	774	65	2443	893	2.73	3.7	19.6	46.4	30.2	2.20	10.6	6.7	4.1	1.3
SU	27	768	87	1319	831	1.59	28.7	63.5	6.6	1.2	1.34	5.2	8.7	3.0	2.1
TX	6	227	24	313	228	1.37	46.0	52.1	1.92		1.27	2.6	2.9	1.0	1.0
XB	245	4493	595	9634	5096	1.89	15.9	55.1	25.8	3.2	7.73	3.9	3.5	3.7	1.0
Total <sup>1</sup>	168	19011	1537	41819	21415	1.95	16.0	47.5	27.0	9.5	1.69	6.0	5.8	4.4	1.4
Total <sup>2</sup>	173	19685	1616	42990	22107	1.94	16.2	47.9	26.6	9.3	1.69	5.9	5.7	4.4	1.4

Legend for this table is on page 6.

**\*Notes:**

#Prod – The number of producers for each breed is the number of producers who have that breed. However, many producers have more than one (1) breed but they are only counted once in the total number of producers.

Breed – Breeds are selected for inclusion based on criteria of having a minimum three (3) producers and 100 ewes.

HY – Hybrid is not a Breed. It is a contemporary grouping of F1 animals that is used on lamb reports.

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**Continued - Table 3. Annual Home Test Summary, by Breed, for 2010 Born Lambs**

Breed	# Birth Wt	Ave Birth Wt	# 50 Day Wt	Ave Adj 50 Day Wt	# 100 Day Wt	Ave Adj 100 Day Wt	Ave ADG	Ave # Lambs Weaned /Ewe/Yr.	Ave Kg Lamb Raised to 50/Ewe/Yr.	# Ultrasounds	Ave Ultra Wt	Ave Adj Loin Depth (mm)	Ave Adj Fat Depth (mm)
CD	497	5.1	608	26.4	550	38.3	0.23	1.75	49.82	52	36.1	27.1	4.4
DP	2375	4.6	3014	22.9	2734	37.0	0.29	1.56	40.68	391	35.2	26.5	3.6
HA	282	5.0	361	24.6	322	42.2	0.34	1.30	34.02	245	38.7	26.2	3.6
HY	7649	4.1	7508	22.9	6170	38.3	0.31	1.91	47.86	56	43.3	27.2	6.0
IF	99	4.2	162	24.6	150	41.8	0.34	1.52	28.89				
KA	297	4.6	284	26.4	282	43.4	0.34	1.72	45.28				
NC	375	4.9	435	22.0	420	36.9	0.30	1.56	34.31				
PO	1257	4.5	1323	22.7	1123	36.2	0.28	2.08	61.09				
RI	7103	3.8	6784	22.5	7071	38.7	0.32	2.10	54.64	87	31.8	23.9	5.2
RV	1828	2.9	1877	21.6	1755	36.1	0.28	2.53	63.13				
SU	695	5.1	1066	25.8	978	44.9	0.38	1.78	44.62	455	40.5	25.3	3.6
TX	300	4.4	235	24.0	149	30.7	0.21	1.28	31.12				
XB	6559	4.3	7969	24.4	4895	39.4	0.31	1.96	54.53	202	33.9	21.0	3.6
Total <sup>1</sup>	29524	4.1	31862	23.4	26833	38.6	0.31	1.90	50.19	1359	37.5	25.5	3.8
Total <sup>2</sup>	30472	4.1	32906	23.4	27811	38.5	0.31	1.89	49.91	1592	37.4	25.5	3.8

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**Table 4. Annual Home Test Summary, by Breed, for 2011 Born Lambs**

Breed	# Prod	# Ewes	# Rams	# Born	# Lambings	Born Per Lambing	% Single	% Twin	% Trip	% 4+	Ave Weaned Per Lambing	% Still Born 5B	% 0 - 10 5C	% 11 - 50 5D	% 51 - 100 5E
CD	6	292	20	580	332	1.75	18.8	67.2	14.0		1.57	1.6	6.4	12.8	1.7
DO	3	139	9	251	168	1.49	33.9	66.1			1.34	7.6	2.4	1.2	0.4
DP	48	2023	156	3456	2241	1.54	32.4	59.1	8.2	0.2	1.39	4.3	3.6	3.5	0.9
HA	11	325	34	542	361	1.50	36.3	54.2	9.4		1.32	6.3	5.0	2.6	1.3
HY	166	4890	279	11273	5421	2.08	13.5	42.2	29.0	15.3	1.78	8.2	4.2	3.0	1.2
IF	6	104	21	181	114	1.59	30.4	56.3	13.2		1.44	3.3	5.5	1.1	1.7
NC	14	347	36	549	347	1.58	27.7	65.0	6.4	0.9	1.47	3.5	3.1	2.2	1.6
PO	6	629	46	1460	771	1.89	15.1	57.8	24.9	2.3	1.68	9.5	1.4	4.0	4.4
RI	40	4263	173	11412	4915	2.32	7.9	36.4	36.6	19.0	1.90	7.1	8.9	5.5	1.1
RV	30	1148	77	3896	1340	2.91	2.5	17.0	43.8	36.7	2.31	11.8	6.9	4.0	1.5
SU	31	907	101	1627	970	1.68	23.8	62.6	13.0	0.5	1.47	4.9	5.3	3.9	2.0
TX	4	244	20	350	244	1.43	42.0	50.3	7.7		1.31	4.3	3.1	1.4	0.6
XB	286	4798	655	10858	5518	1.97	13.8	52.1	29.1	5.0	1.75	4.4	5.1	4.7	1.4
Total <sup>1</sup>	173	20109	1632	46435	22742	2.04	14.0	44.4	28.8	12.7	1.75	6.8	5.7	4.3	1.3
Total <sup>2</sup>	178	20613	1703	47309	23260	2.03	14.2	44.7	28.6	12.5	1.74	6.7	5.7	4.2	1.4

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Total<sup>2</sup> – Inclusive total for all breeds, including those not displayed in the table.

**Continued - Table 4. Annual Home Test Summary, by Breed, for 2011 Born Lambs**

Breed	# Birth Wt	Ave Birth Wt	# 50 Day Wt	Ave Adj 50 Wt	# 100 Day Wt	Ave Adj 100 Wt	Ave ADG	Ave # Lambs Weaned /Ewe/Yr.	Ave Kg Lamb Raised to 50/Ewe/Yr	# Ultrasounds	Ave Ultra Wt	Ave Adj Loin Depth (mm)	Ave Adj Fat Depth (mm)
CD	436	5.5	456	27.2	438	39.9	0.25	1.78	55.14	50	31.0	26.5	4.0
DO	203	3.9	183	20.0	195	35.7	0.30	1.62	40.06	128	35.0	28.2	4.9
DP	2089	4.7	2893	23.0	2496	36.6	0.27	1.54	39.29	284	36.4	25.6	3.7
HA	349	5.1	463	26.0	398	45.1	0.37	1.47	42.40	355	40.4	26.7	4.0
HY	7487	4.1	8870	22.1	7346	37.9	0.32	1.97	48.64	2	40.2	25.9	4.6
IF	91	4.3	153	25.1	140	41.2	0.31	1.58	46.68				
NC	482	5.2	441	24.4	451	35.5	0.24	1.47	35.10	58	36.7	26.0	3.0
PO	1043	4.5	1226	23.2	1050	37.7	0.29	2.05	58.55				
RI	7471	3.7	7531	22.6	7172	38.9	0.33	2.19	56.91	519	33.7	25.3	3.9
RV	2670	2.9	2908	20.7	2741	35.6	0.29	2.69	64.88				
SU	949	5.0	1364	25.8	1207	44.4	0.37	1.57	43.40	573	39.6	25.9	3.7
TX	214	4.6	295	23.9	295	34.1	0.20	1.31	31.36				
XB	7337	4.4	8099	24.1	6264	37.5	0.29	2.01	54.94	11	39.8	27.4	5.5
Total <sup>1</sup>	30821	4.1	34882	23.0	30193	38.0	0.31	1.98	51.40	1980	37.1	26.0	3.9
Total <sup>2</sup>	31434	4.1	35587	23.0	30863	38.0	0.31	1.97	51.05	2259	36.7	25.9	3.8

Legend for this table is on page 6.

**\*Notes:**

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HY – Hybrid is not a Breed. It is a contemporary grouping of F1 animals that is used on lamb reports.

% Mortality – data is only included for those lambs with mortality codes entered.

Total<sup>1</sup> – Exclusive total for breeds displayed in table.

Total<sup>2</sup> – Inclusive total for all breeds, including those not displayed in the table.

**Table 5. Annual Home Test Summary, by Breed, for 2012 Born Lambs**

Breed	# Prod	# Ewes	# Rams	# Born	# Lambings	Born Per Lambing	% Single	% Twin	% Trip	% 4+	Ave Weaned Per Lambing	% Still Born 5B	% 0-10 5C	% 11-50 5D	% 51-100 5E
CD	7	304	28	535	346	1.55	32.3	58.7	9.0		1.44	5.2	0.7	9.9	1.5
DP	52	1641	160	2902	1852	1.57	30.4	60.6	8.6	0.4	1.44	3.3	3.5	2.2	1.0
HA	10	311	36	543	346	1.57	30.4	60.8	8.8		1.38	5.0	5.2	3.9	1.1
HY	159	4305	298	10579	4678	2.26	48.9	37.3	30.2	17.6	1.92	0.7	4.7	3.5	1.4
IF	6	129	16	230	150	1.53	35.2	53.0	11.7		1.43	3.5	3.0	0.9	0.9
KA	5	140	14	248	140	1.77	21.8	51.6	26.6		1.63	1.6	5.6	0.4	1.6
NC	9	223	25	351	223	1.57	28.5	57.8	13.7		1.46	1.1	4.8	2.6	1.1
PO	10	633	51	1375	758	1.81	18.3	58.6	20.1	3.0	1.56	11.5	1.2	4.1	2.8
RI	42	3248	201	8432	3502	2.41	6.8	33.5	37.5	22.2	2.05	7.8	5.3	4.8	4.7
RV	27	1314	91	4358	1480	2.94	1.9	16.2	43.2	38.7	2.36	11.4	7.0	3.2	2.1
SU	33	1056	115	1840	1124	1.64	25.7	62.6	11.0	0.7	1.42	4.0	6.4	4.9	2.5
TX	5	232	20	312	232	1.34	50.3	44.9	4.8		1.17	3.5	4.2	2.9	1.3
XB	320	4985	624	11065	5515	2.01	13.1	49.4	31.9	5.7	1.78	5.8	4.4	4.0	1.6
Total <sup>1</sup>	171	18521	1679	42770	20346	2.10	13.0	40.8	30.8	15.3	1.81	7.3	4.8	3.9	1.6
Total <sup>2</sup>	174	19030	1750	43696	20872	2.09	13.2	41.2	30.5	15.1	1.81	7.3	4.8	3.8	1.6

Legend for this table is on page 6.

**\*Notes:**

#Prod – The number of producers for each breed is the number of producers who have that breed. However, many producers have more than one (1) breed but they are only counted once in the total number of producers.

Breed – Breeds are selected for inclusion based on criteria of having a minimum three (3) producers and 100 ewes.

HY – Hybrid is not a Breed. It is a contemporary grouping of F1 animals that is used on lamb reports.

% Mortality – data is only included for those lambs with mortality codes entered.

Total<sup>1</sup> – Exclusive total for breeds displayed in table.

Total<sup>2</sup> – Inclusive total for all breeds, including those not displayed in the table.

**Continued - Table 5. Annual Home Test Summary, by Breed, for 2012 Born Lambs**

Breed	# Birth Wt	Ave Birth Wt	# 50 Day Wt	Ave Adj 50 Wt	# 100 Day Wt	Ave Adj 100 Wt	Ave ADG	Ave # Lambs Weaned /Ewe/Yr.	Ave Kg Lamb Raised to 50/Ewe/Yr	# Ultrasounds	Ave Ultra Wt	Ave Adj Loin Depth (mm)	Ave Adj Fat Depth (mm)
CD	375	5.3	444	27.5	427	40.8	0.26	1.64	51.23	53	38.7	25.7	4.3
DP	2075	4.7	2434	23.7	2237	38.7	0.30	1.62	43.62	350	40.5	26.6	4.5
HA	327	5.2	462	25.5	425	42.4	0.33	1.54	43.60	385	38.8	26.1	3.7
HY	7845	4.0	8260	23.2	6856	37.5	0.29	2.08	52.39	156	37.1	29.6	3.8
IF	159	4.1	208	23.2	198	37.6	0.28	1.66	44.32				
KA	242	4.2	209	20.3	198	31.6	0.23	1.63	33.77				
NC	324	5.3	314	23.1	305	38.9	0.32	1.46	33.46				
PO	1023	4.5	1091	21.7	935	36.3	0.30	1.87	48.52				
RI	5787	3.7	5750	23.0	5140	39.7	0.32	2.21	54.85	727	30.9	24.3	3.5
RV	2834	3.0	3241	21.1	2905	35.6	0.28	2.66	63.26				
SU	1058	5.0	1485	25.8	1305	45.1	0.37	1.51	41.32	578	43.5	25.9	3.5
TX	284	4.6	250	21.6	190	32.8	0.23	1.17	25.20	35	36.9	27.7	3.4
XB	8335	4.2	8199	24.0	5822	39.8	0.31	1.97	51.82	19	34.0	23.3	4.1
Total <sup>1</sup>	30668	4.1	32347	23.4	26943	38.6	0.30	1.99	50.97	2303	37.6	25.8	3.7
Total <sup>2</sup>	31286	4.1	33137	23.4	27662	38.6	0.30	1.98	50.65	2582	37.1	25.5	3.7

Legend for this table is on page 6.

**\*Notes:**

#Prod – The number of producers for each breed is the number of producers who have that breed. However, many producers have more than one (1) breed but they are only counted once in the total number of producers.

Breed – Breeds are selected for inclusion based on criteria of having a minimum three (3) producers and 100 ewes.

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% Mortality – data is only included for those lambs with mortality codes entered.

Total<sup>1</sup> – Exclusive total for breeds displayed in table.

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## Genetic Trends

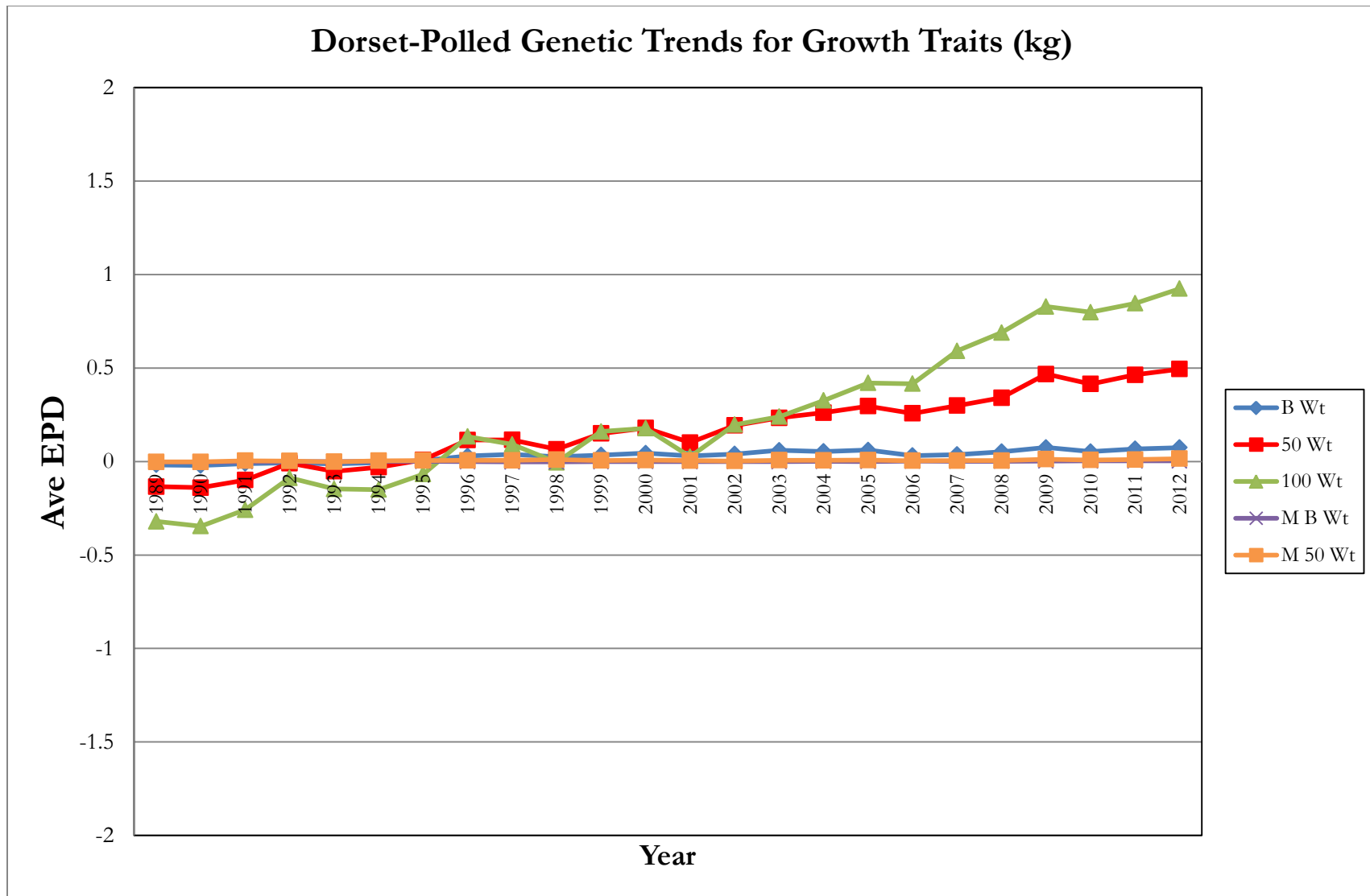
Genetic trends, like the estimated progeny differences (EPDs) themselves, are reported in the units of the traits. The weight and gain traits are expressed in kilograms; the number born, number weaned and lamb survival traits are in numbers of lambs; ultrasound loin and fat are in millimeters; and the selection indexes are unitless since they are a combination of many traits. Genetic trends are reported for breeds that have had a minimum of 100 lambs tested with 50 day weights over the past three (3) years in Ontario. These only include those years with the minimum data because the genetic trends for breeds with small numbers tested can be erratic. Some of this is due to completely different unrelated animals being tested in different years. For example, there may have been three (3) producers testing a breed who all left the program one (1) year and two (2) different producers testing that breed the following year. The genetic trends of breeds with large numbers of animals tested are a more reliable indicator of the change occurring in the breed.

The genetic trend graphs on the following pages are derived from the database that is used to run the EPD evaluations at the University of Guelph. This database includes all data collected in Ontario since 1986 and all data collected in Quebec on the old Federal Record of Performance Program and GenOvis since the early 1980s. The genetic trends graphs are based only on the Ontario data.

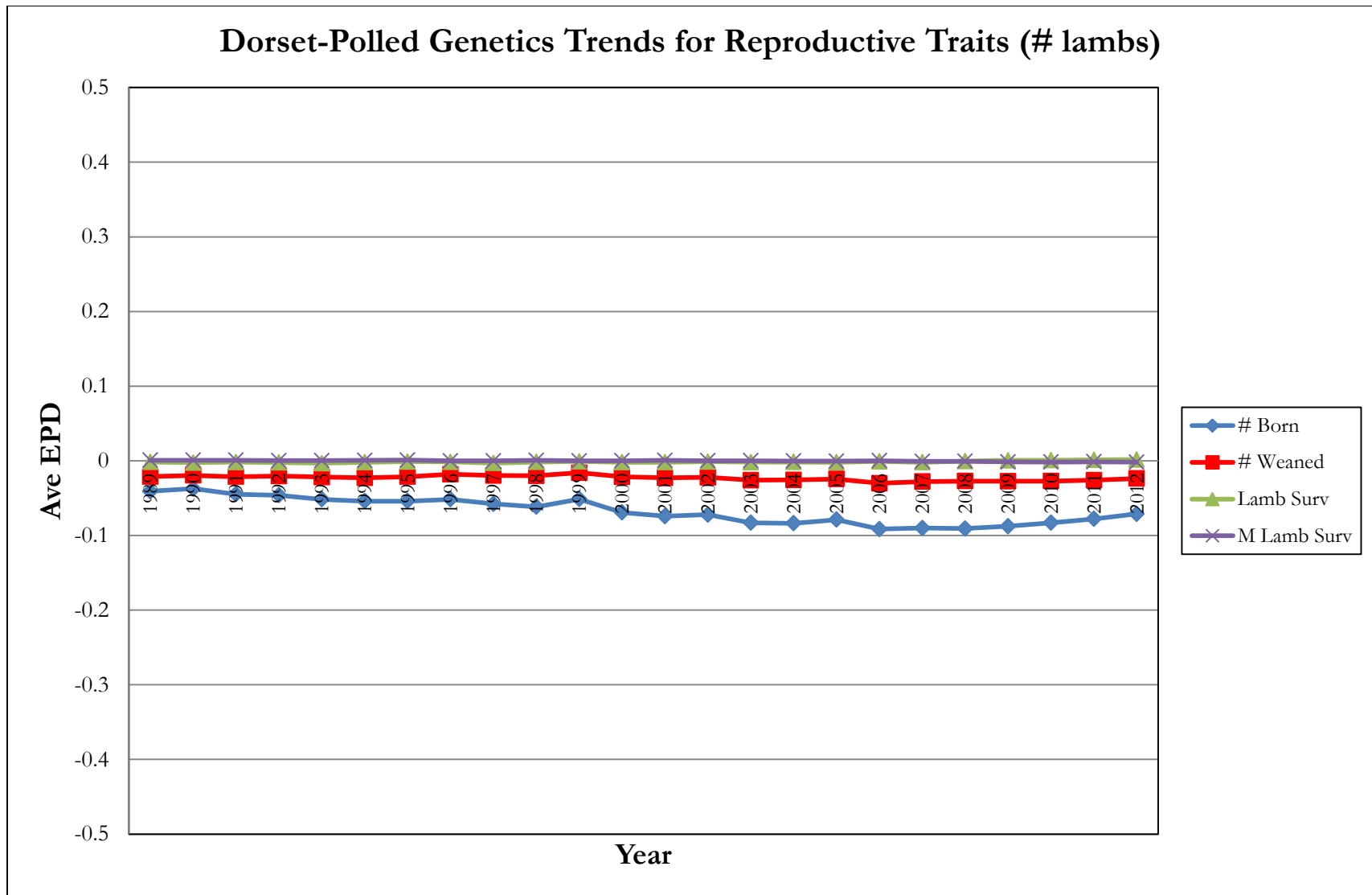
There are five (5) graphs for each breed. Reports include Dorset-Polled, Rideau, Suffolk and Texel breeds. The graphs show the genetic trends for growth traits, reproductive traits, ultrasound carcass traits and selection indexes. It should be noted that the scale for each graph is different. It is expected that maternal traits will change at a slower rate than the more heritable growth traits. There have been a number of changes in the program over the years. 1992 was the last year of an incentive grant program, which required producers to participate in the program to receive other benefits. Participation dropped dramatically in 1993 leaving the producers more seriously interested in genetic improvement. In 1997, genetic evaluations (EPDs) were provided to participants for all animals on the home test program. In 2011, the genetic models were updated and the genetic evaluations (EPDs) were expanded to include a number of new traits. Some of these new traits (lamb survival, age at first lambing and lambing interval) are included in the genetic trends graphs.

**Table 6. Legend for Genetic Trend Graphs**

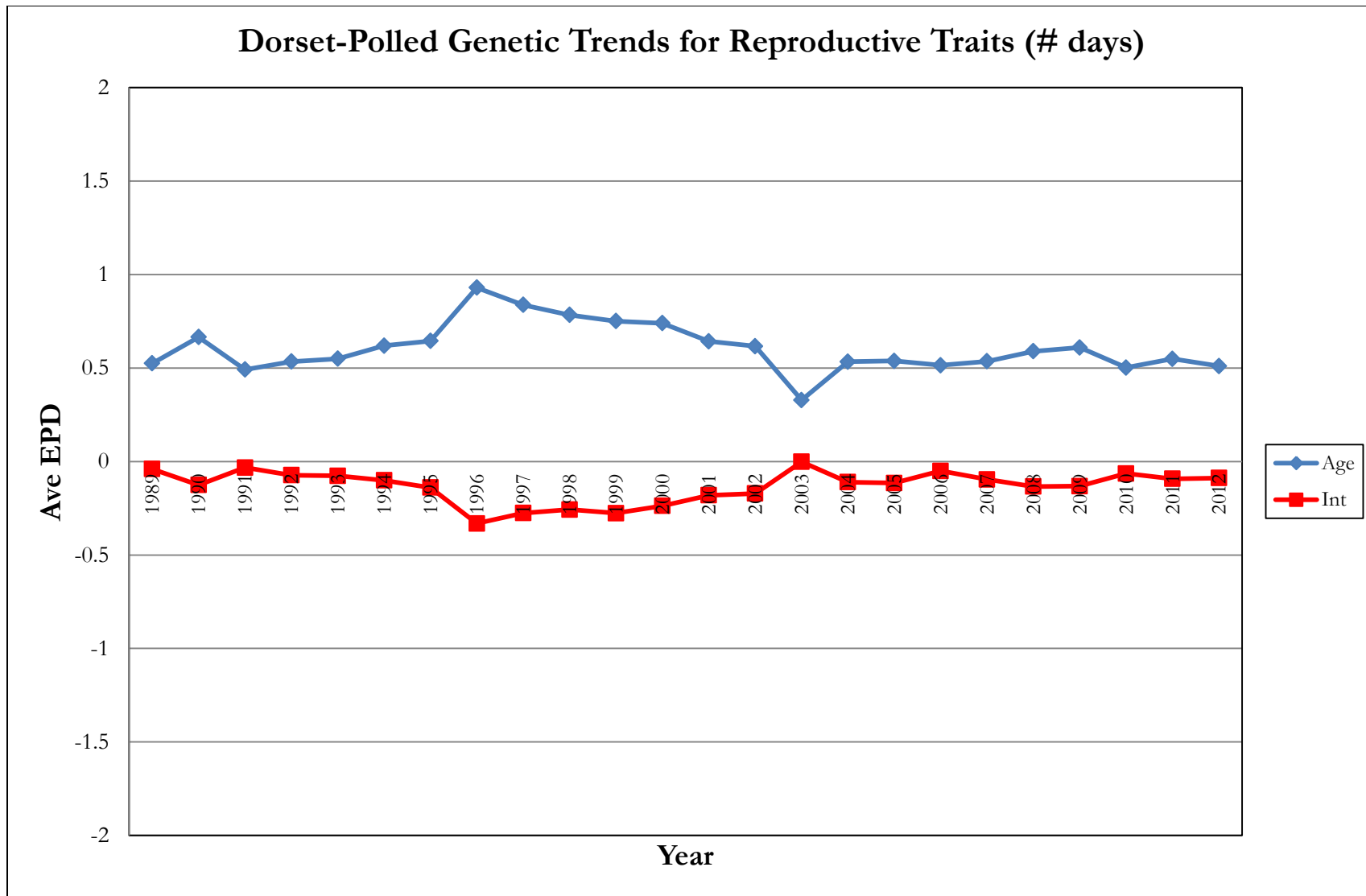
Headings	
B Wt	Birth weight direct (kg)
50 Wt	50 day weight direct (kg)
100 Wt	100 day weight direct (kg)
M B Wt	Birth weight maternal (kg)
M 50 Wt	50 day weight maternal (kg)
# Born	Number born at later lambings (# lambs)
# Weaned	Number weaned at later lambings (# lambs)
Lamb Surv	Lamb survival direct (# lambs)
M Lamb Surv	Lamb survival maternal (# lambs)
Age	Age at first lambing (# days)
Int	Interval between lambings (# days)
ULoin	Ultrasound carcass loin depth (mm)
UFat	Ultrasound carcass fat depth (mm)
Gx	Growth index
GMx	Growth maternal index
Tx	Terminal index



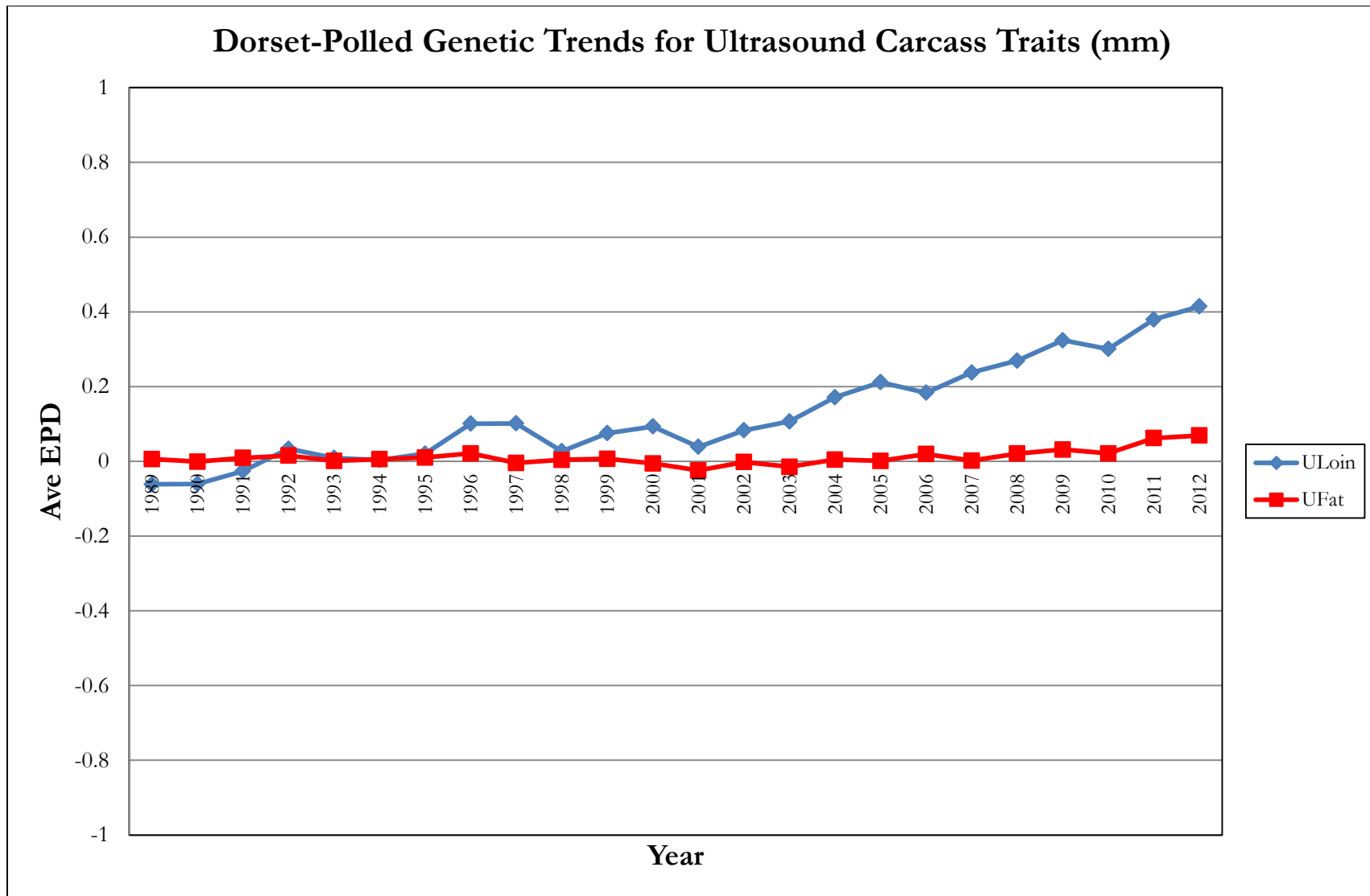
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



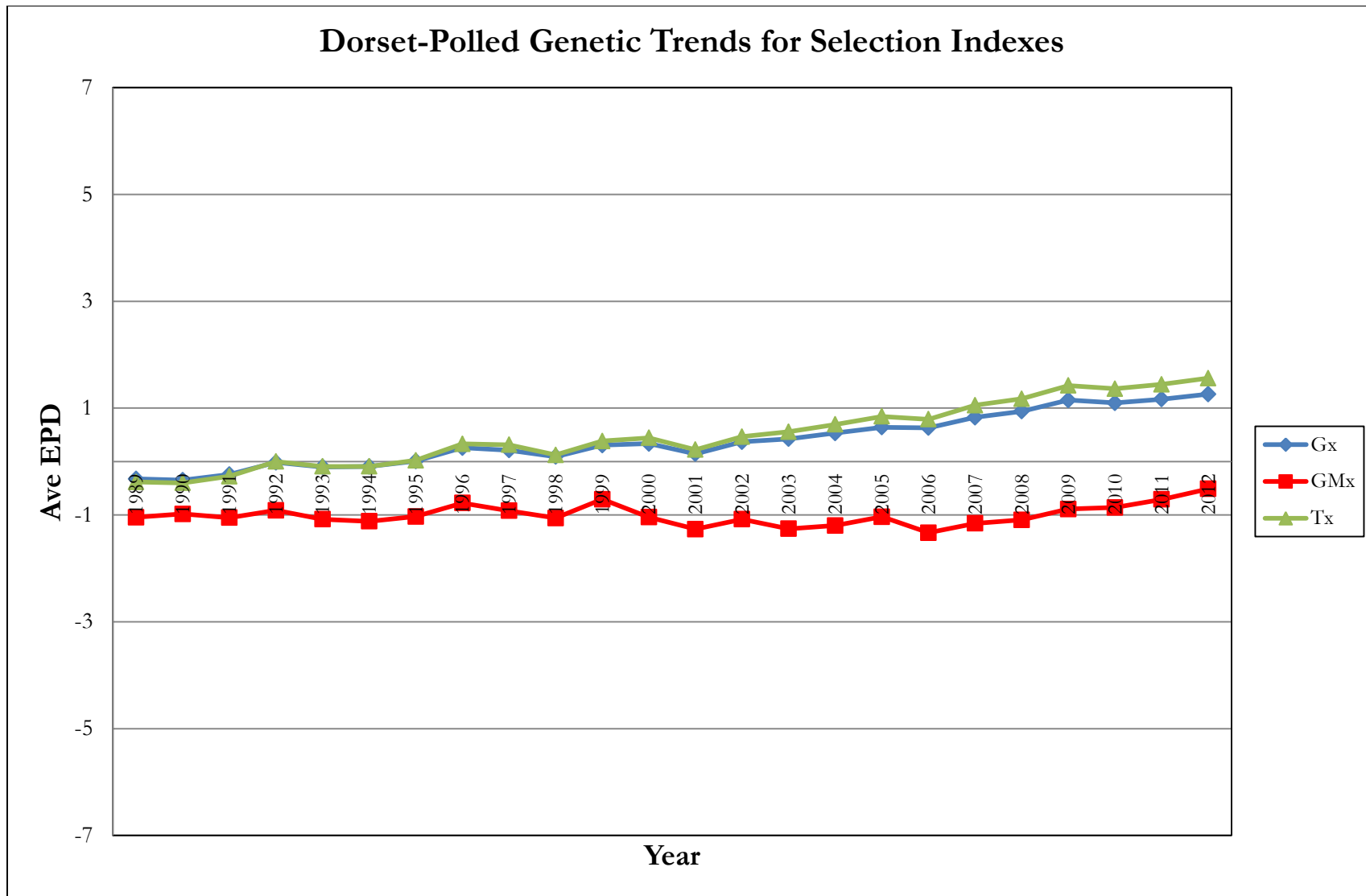
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



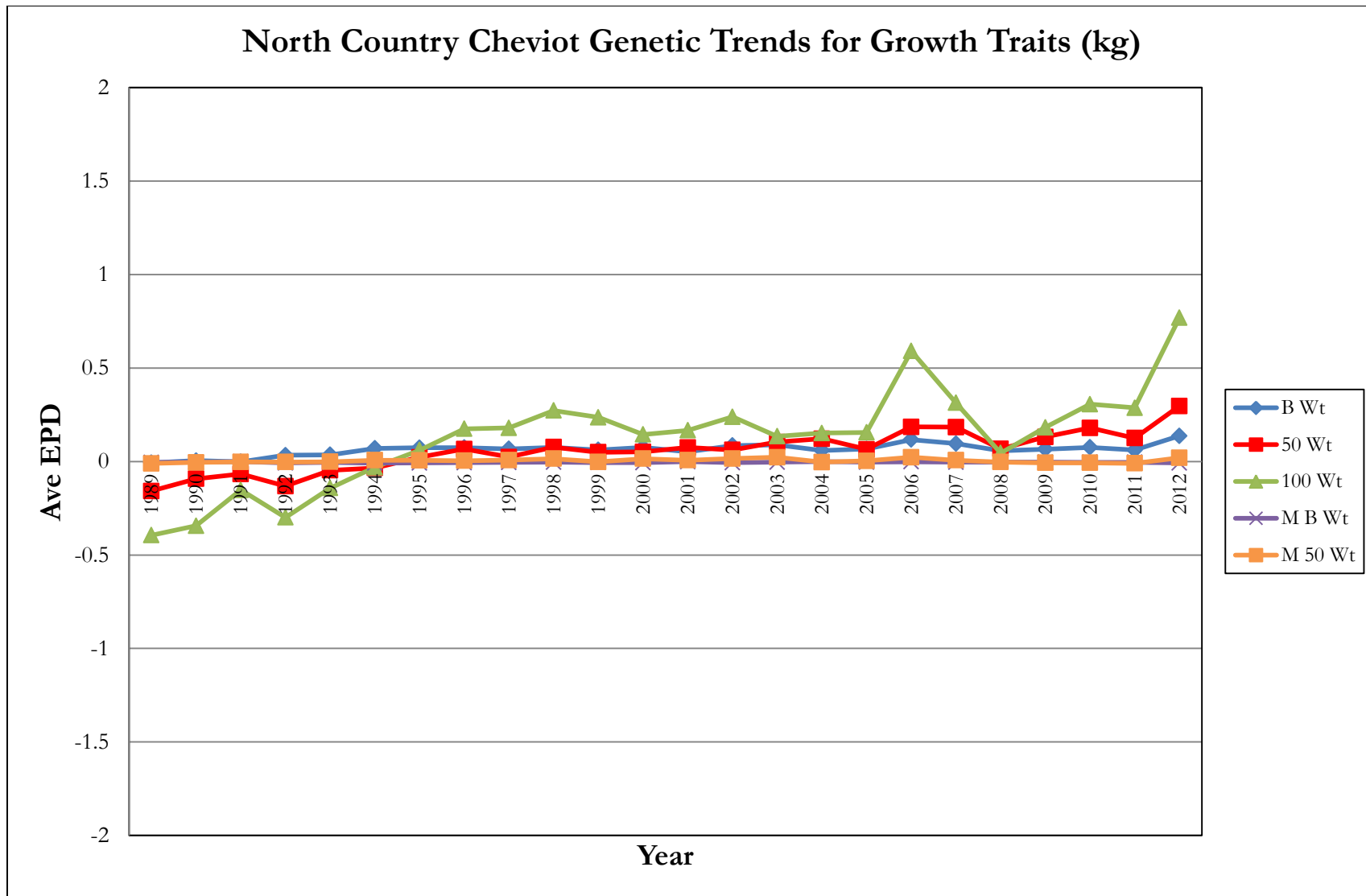
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



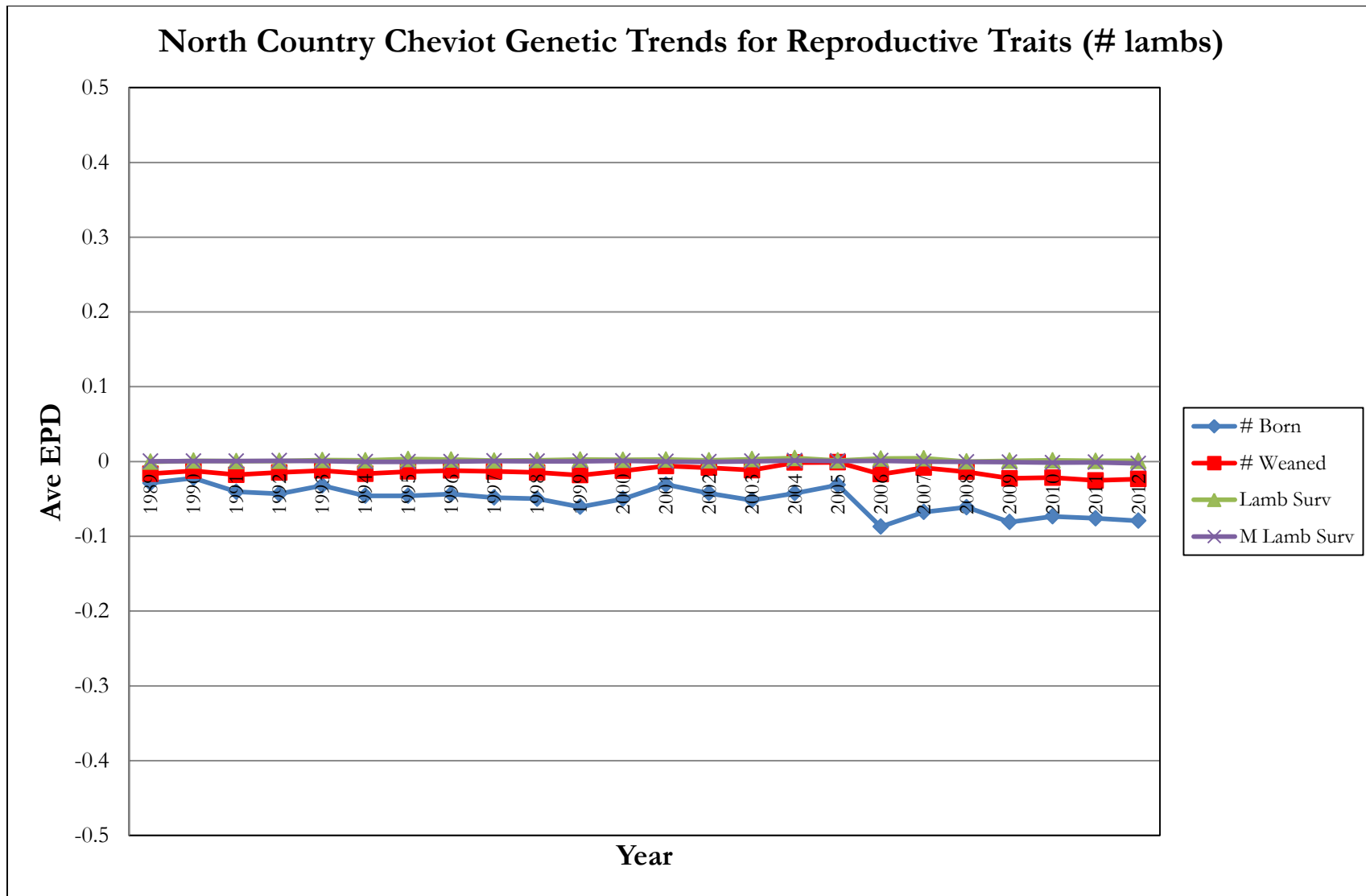
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



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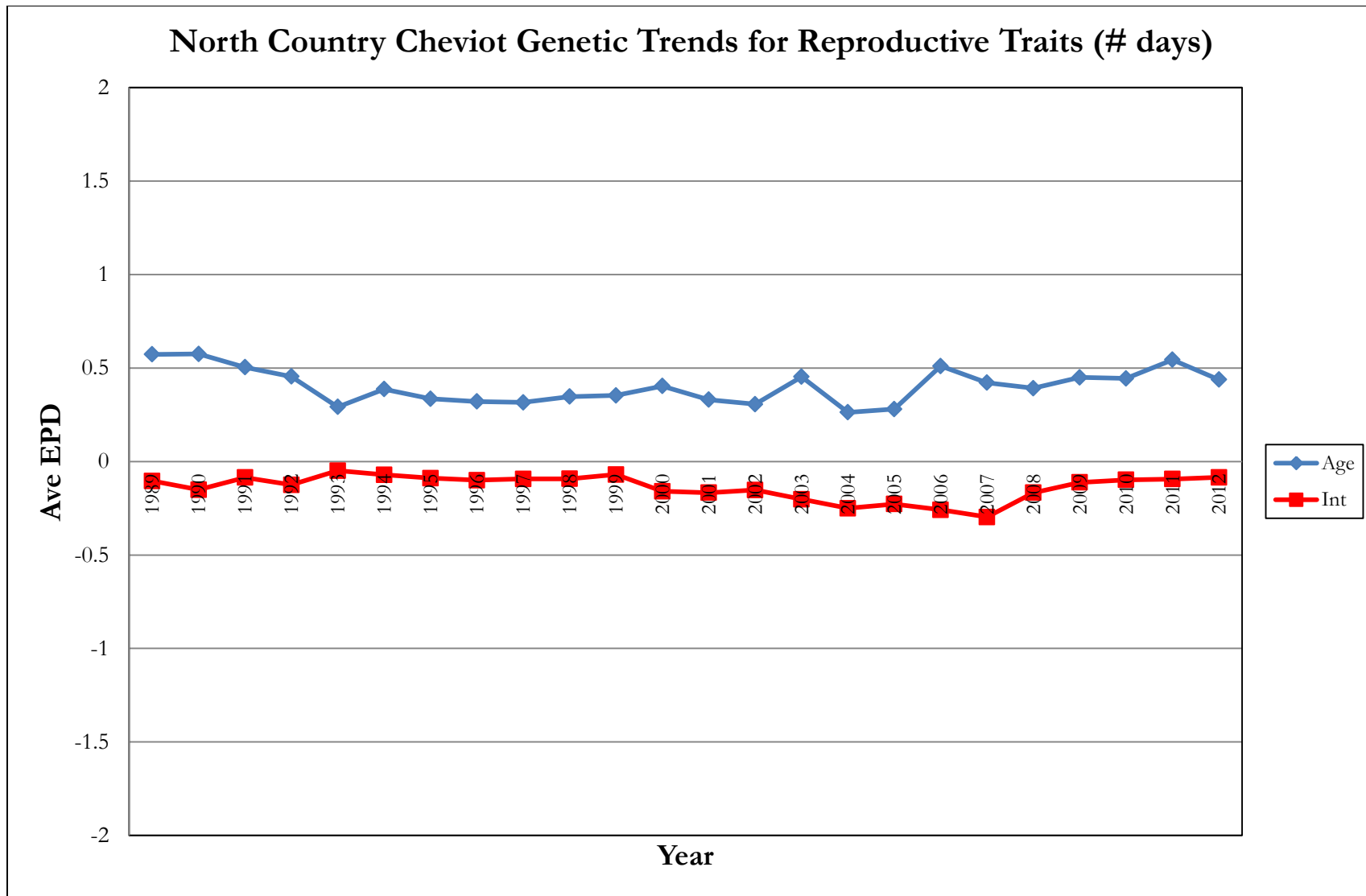


Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.

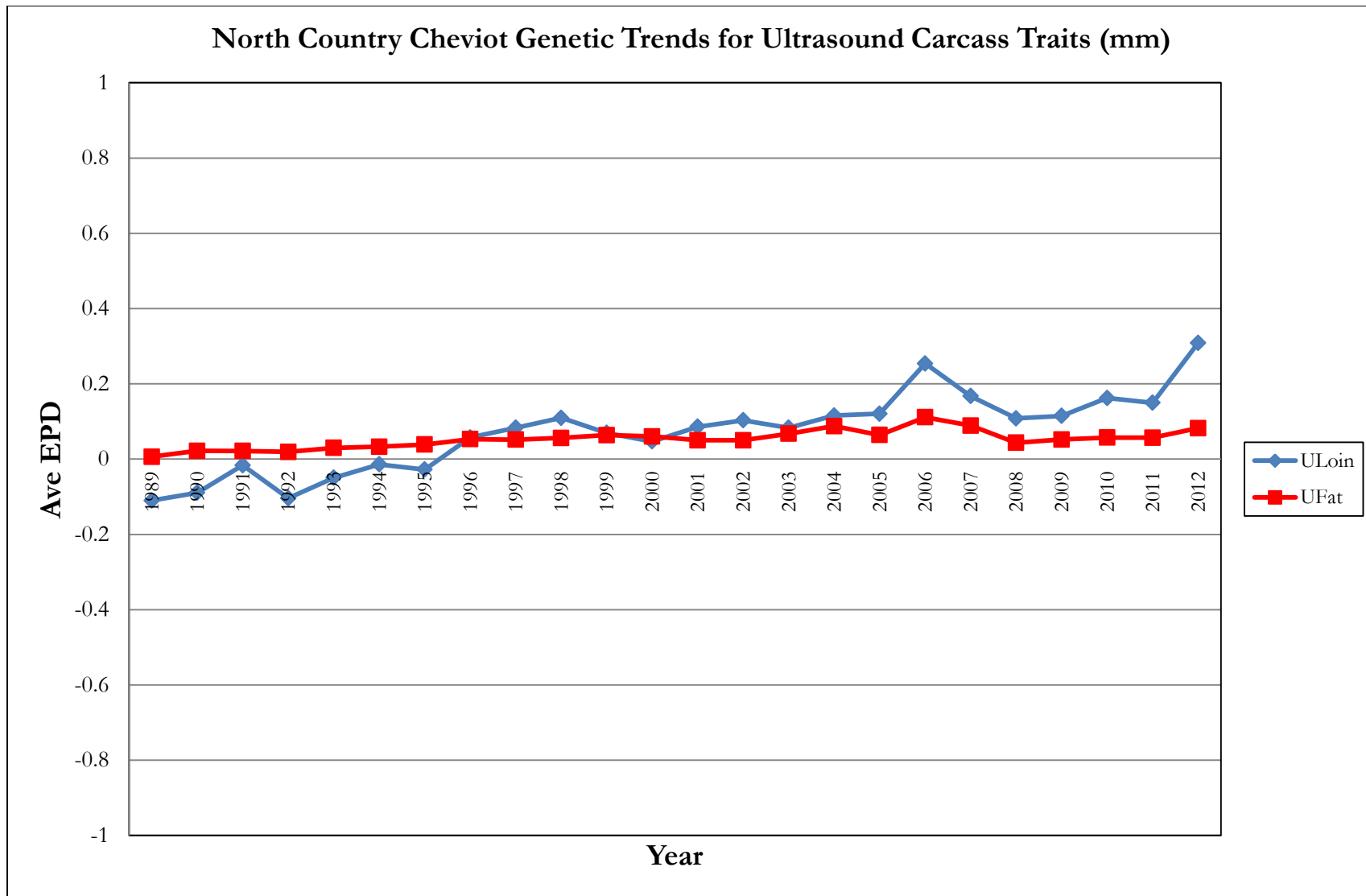


Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.

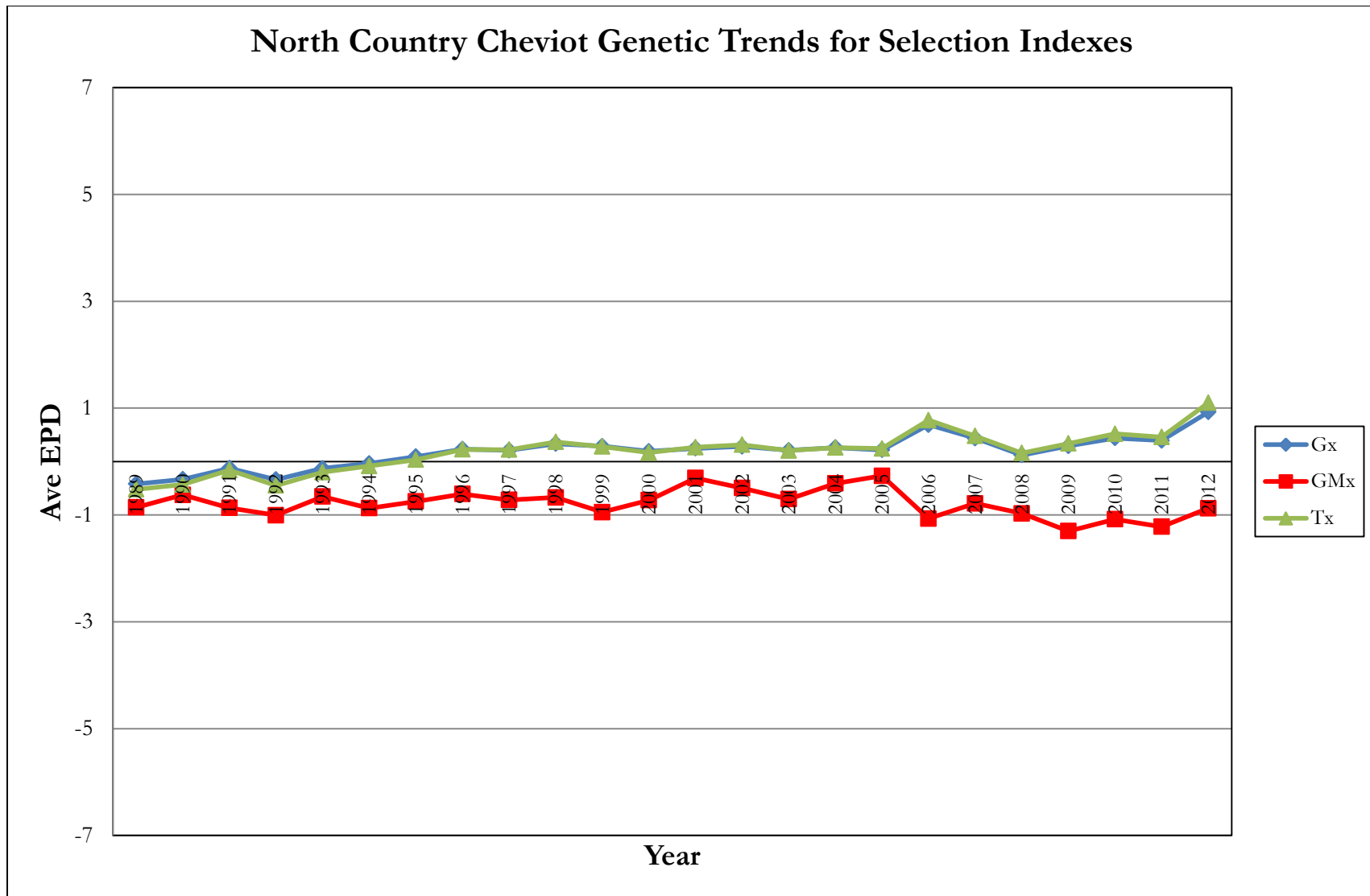




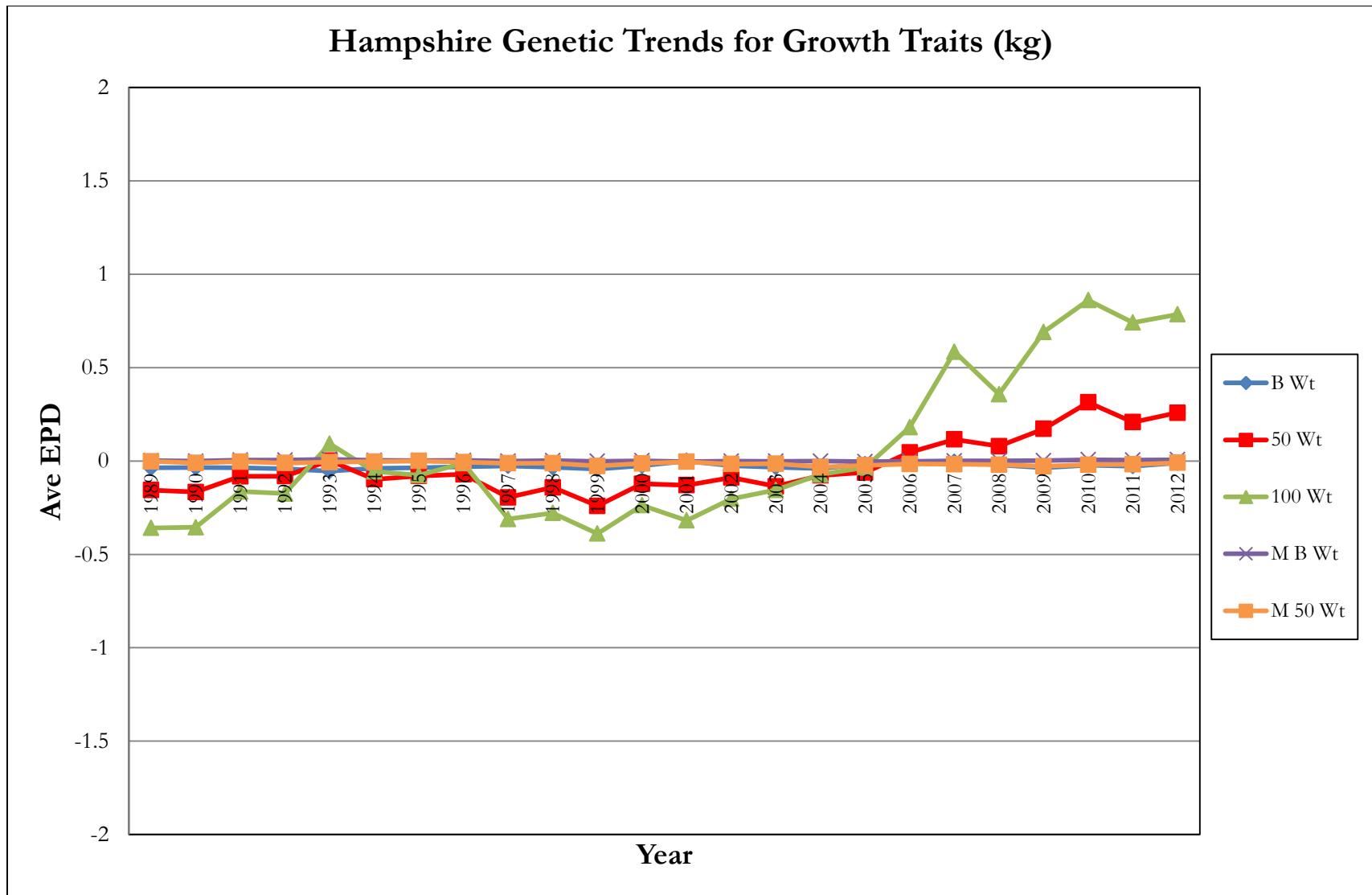
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



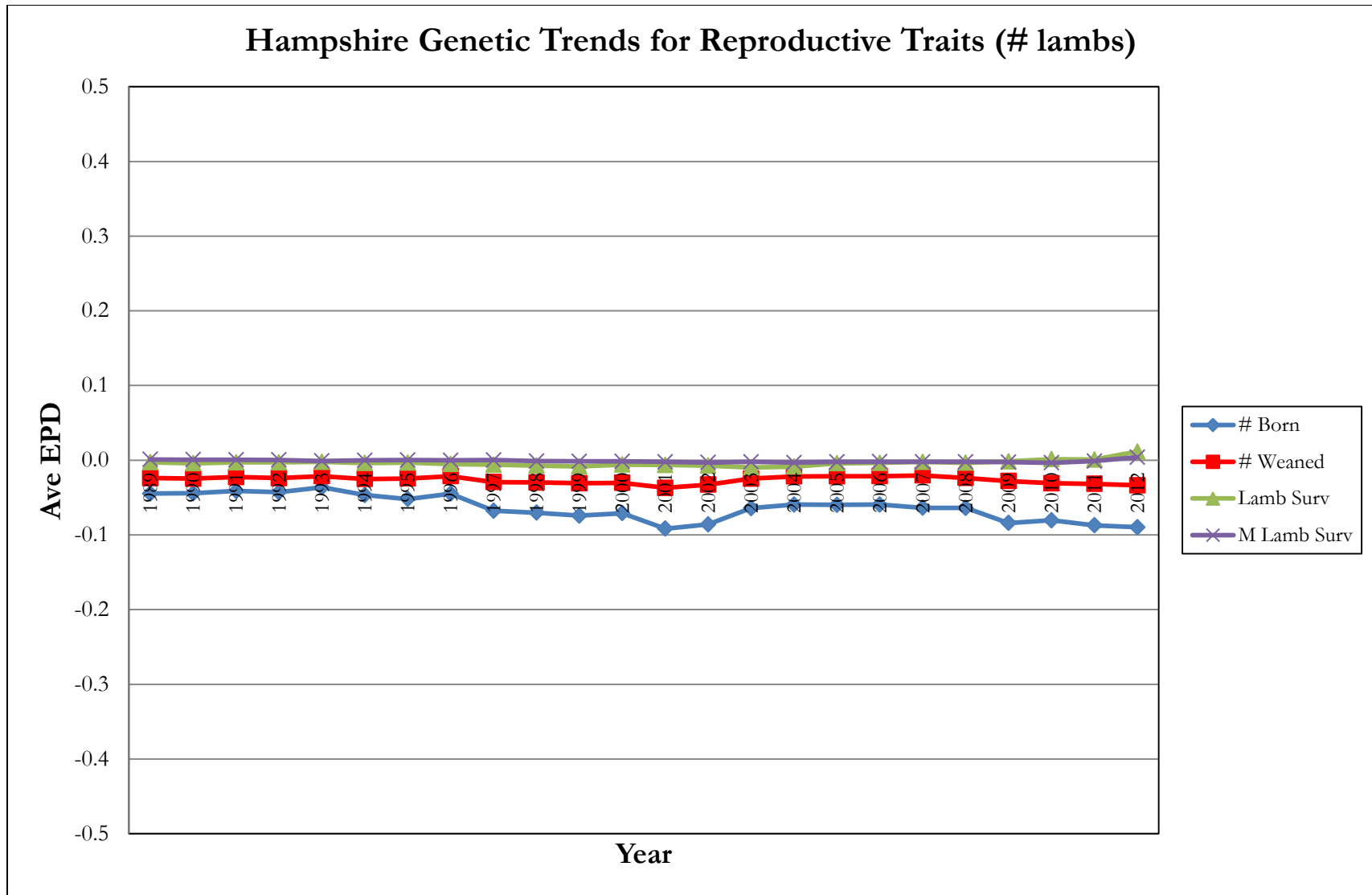
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



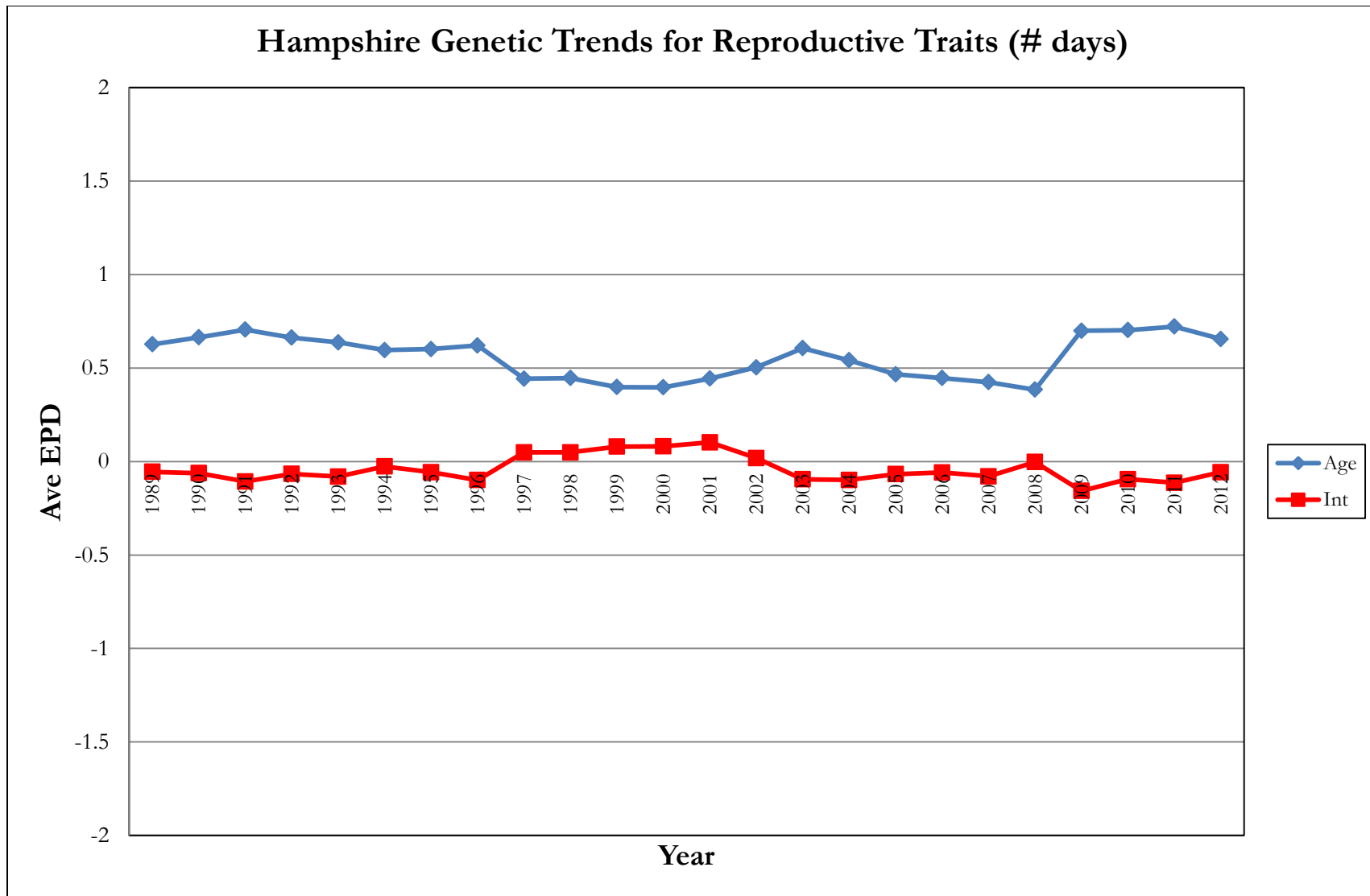
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



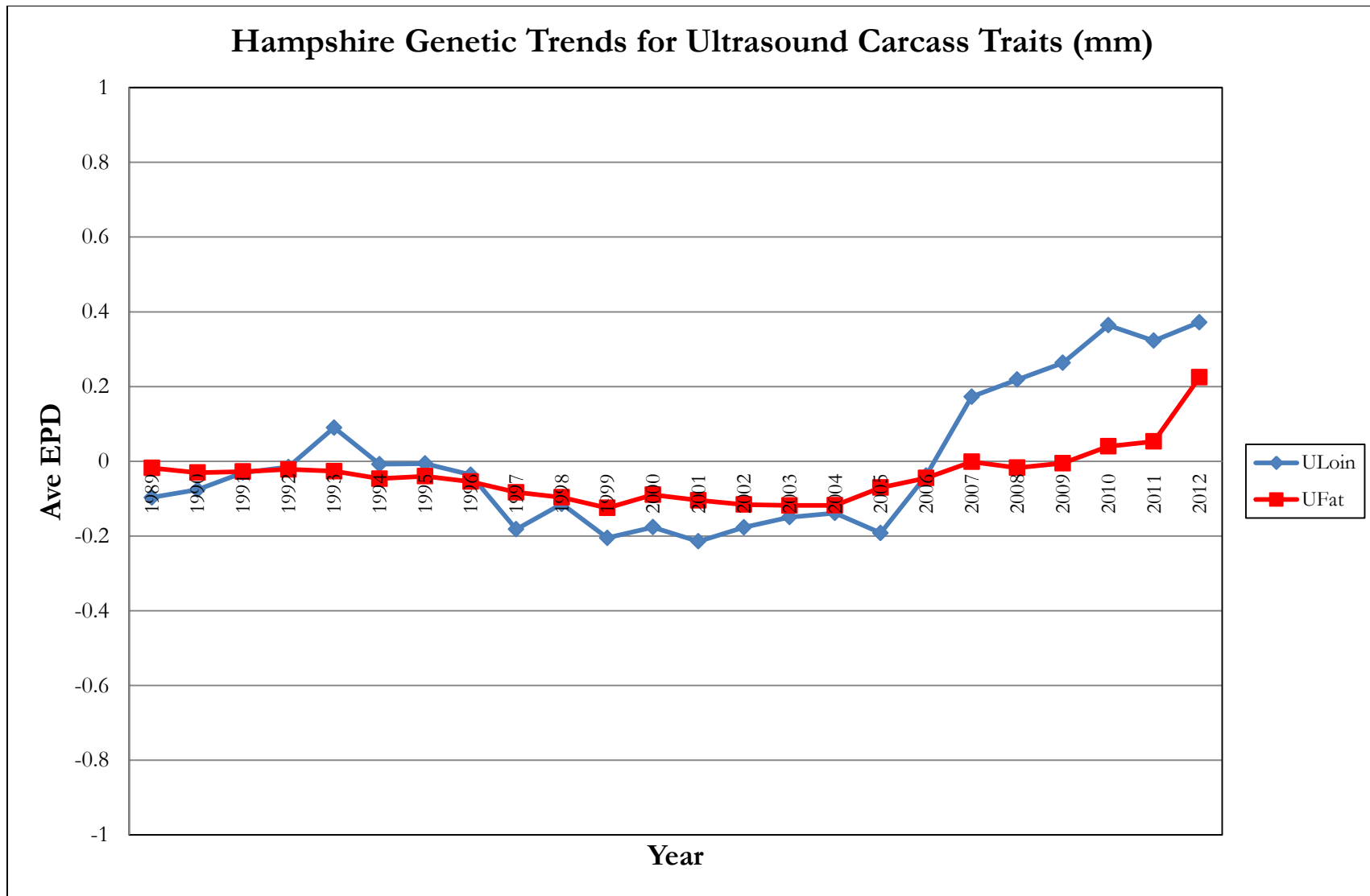
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



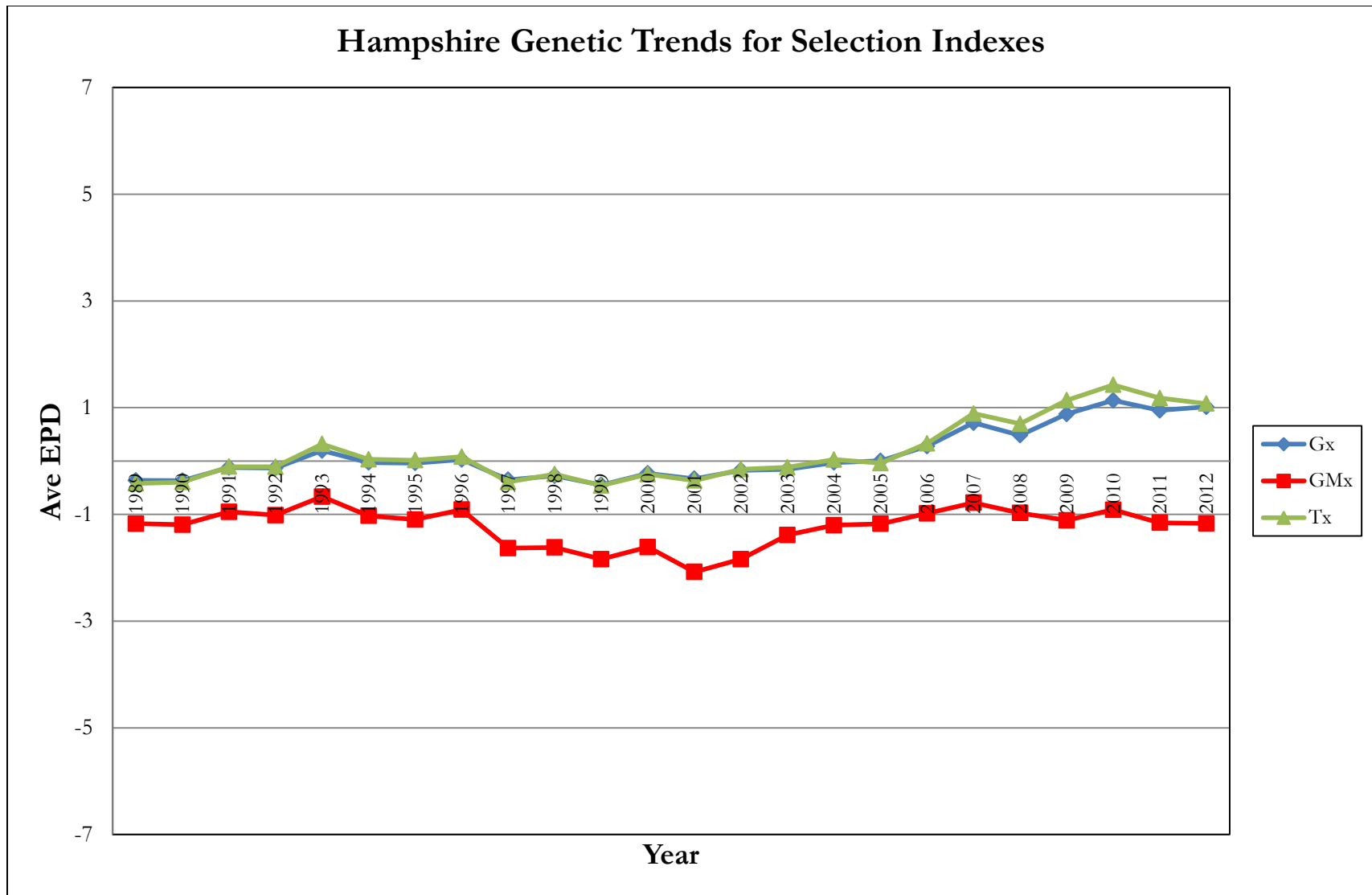
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



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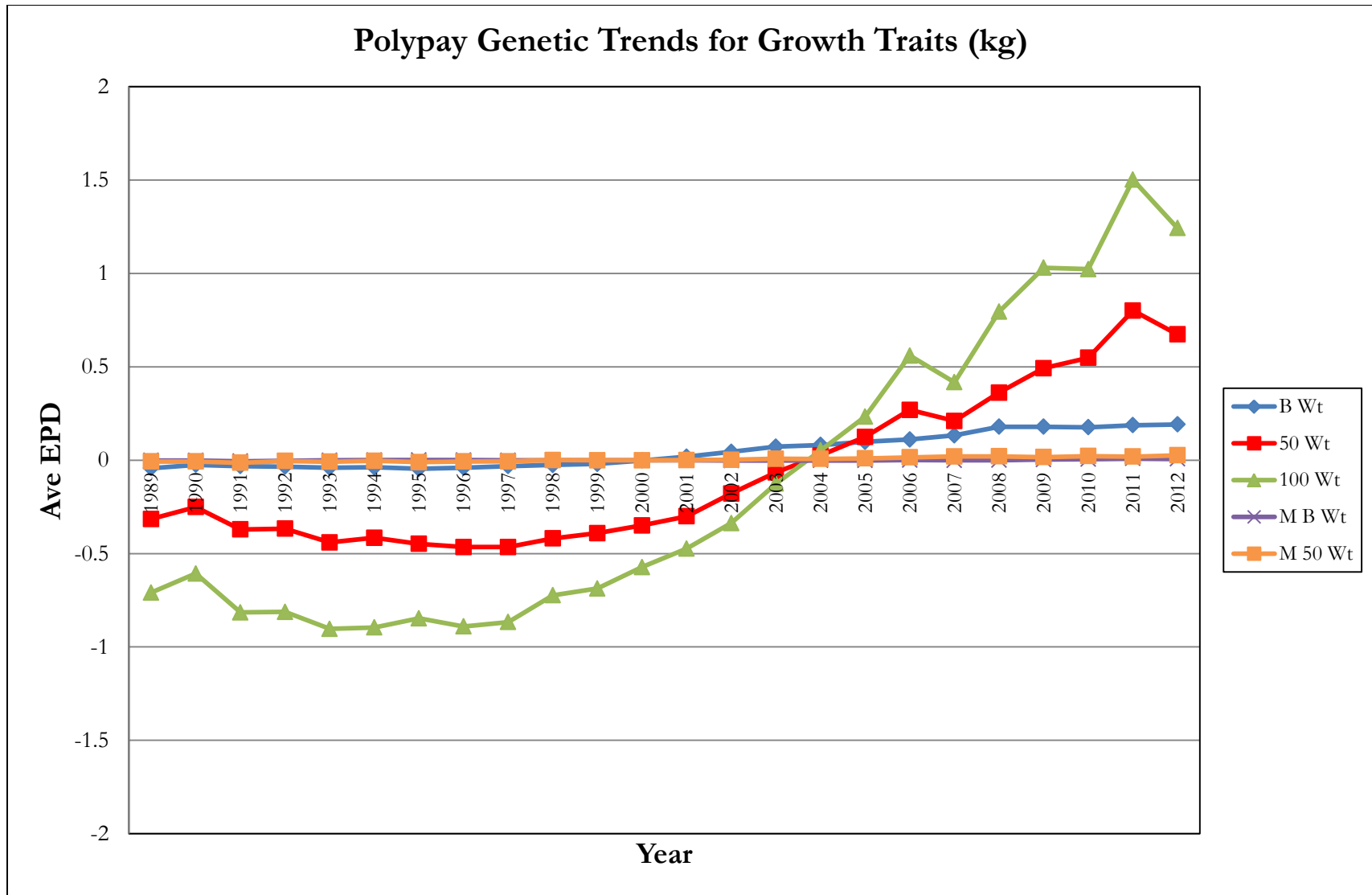


Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.

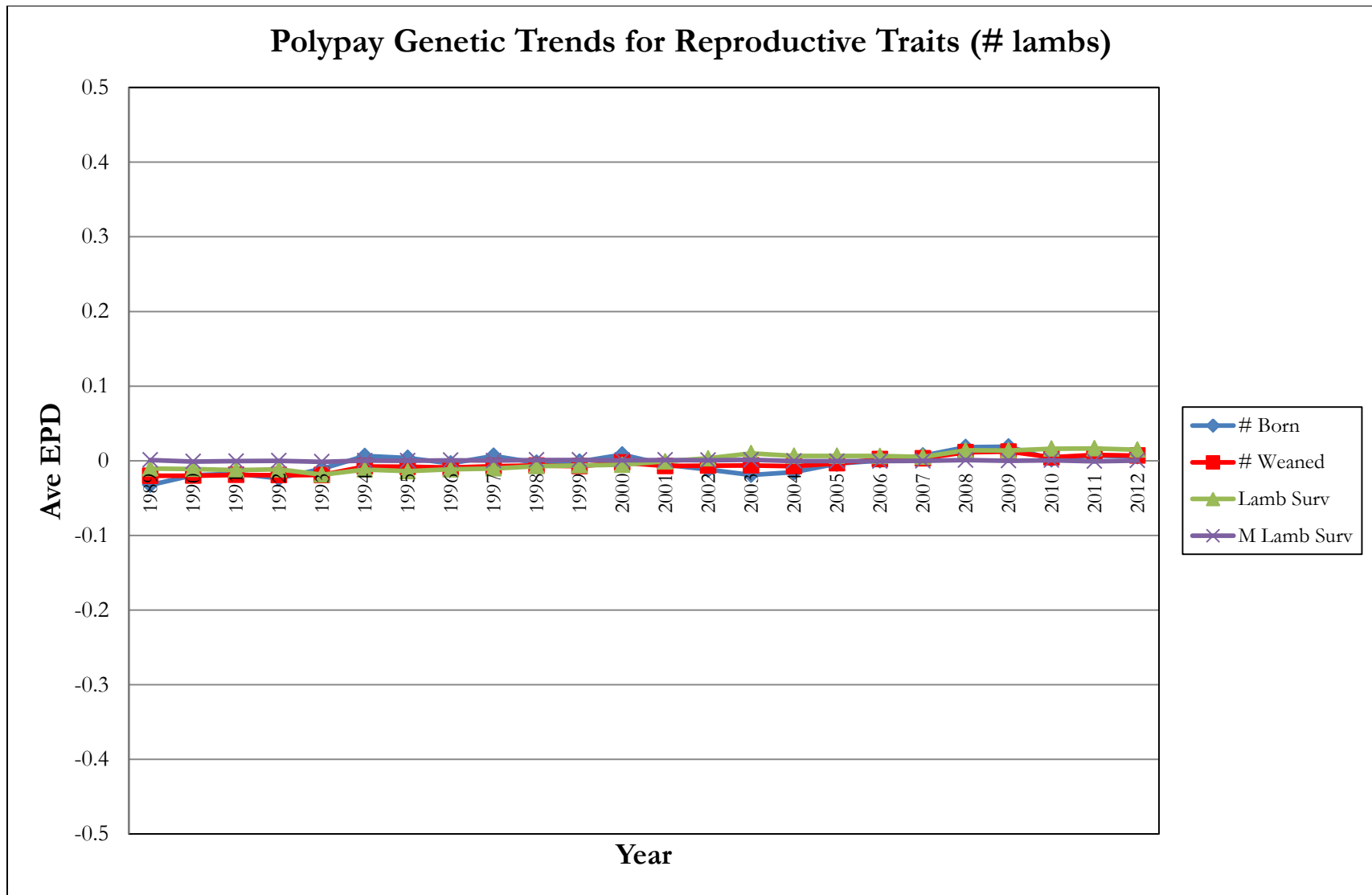


Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.

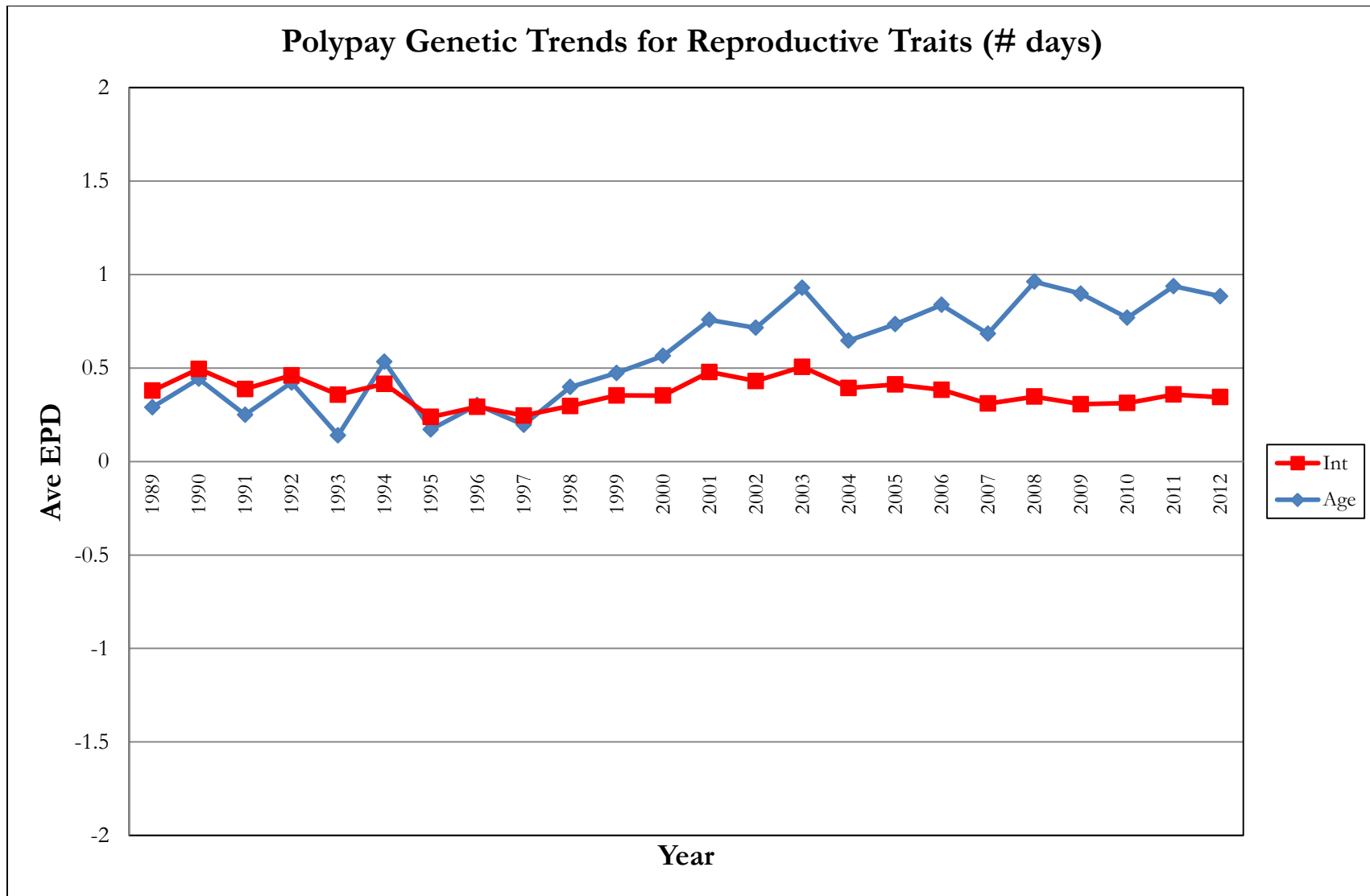




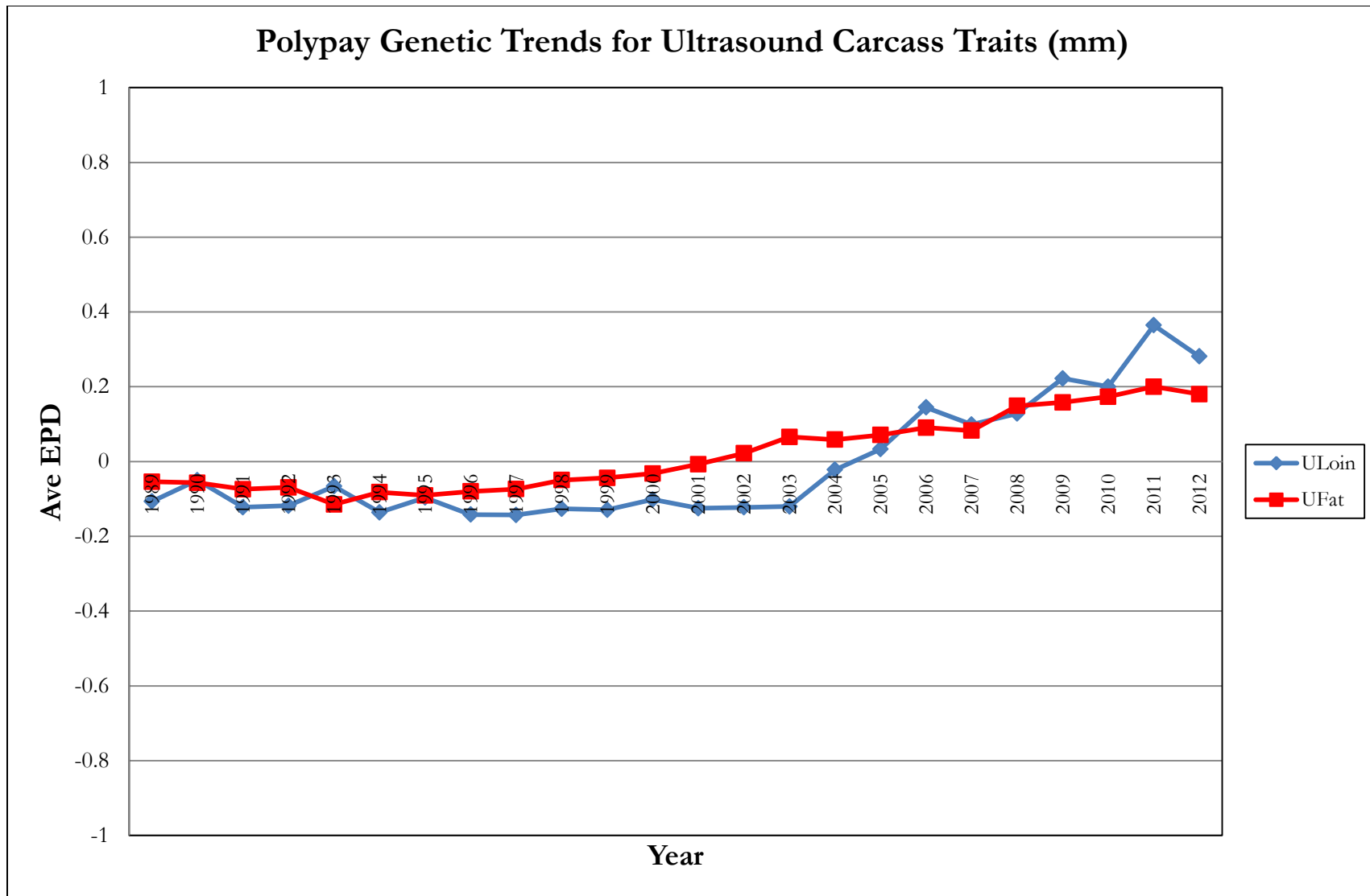
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



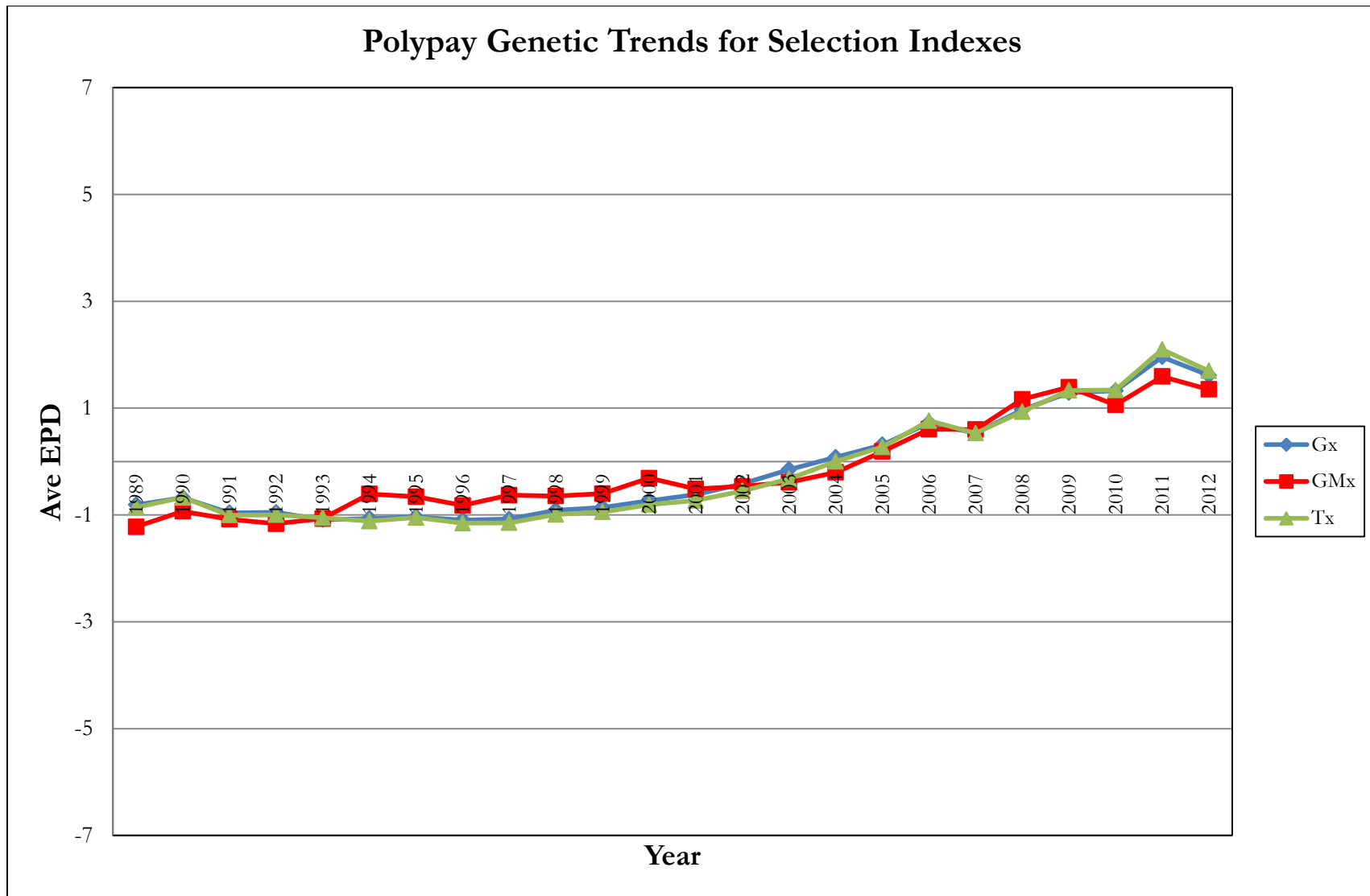
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



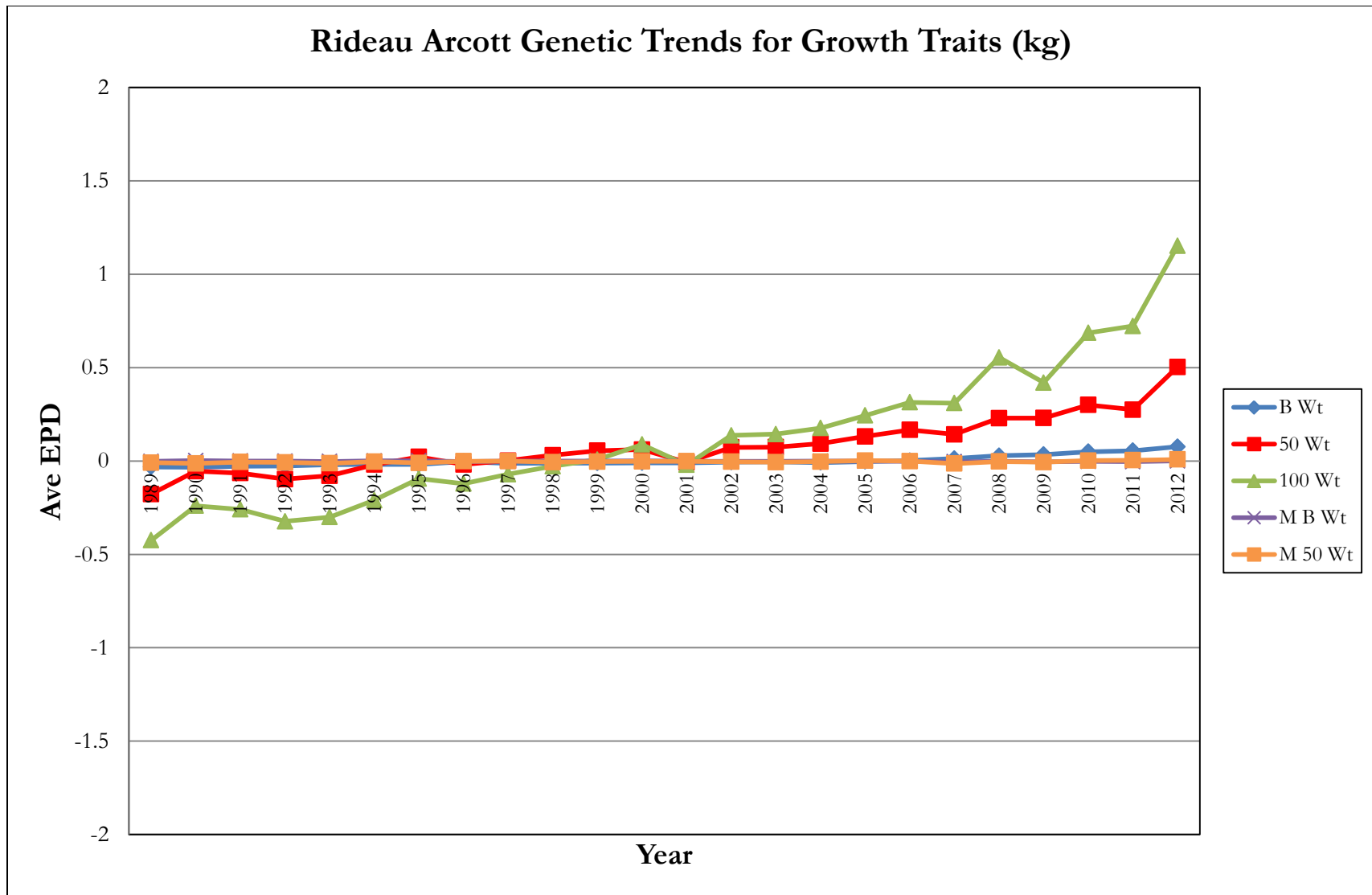
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



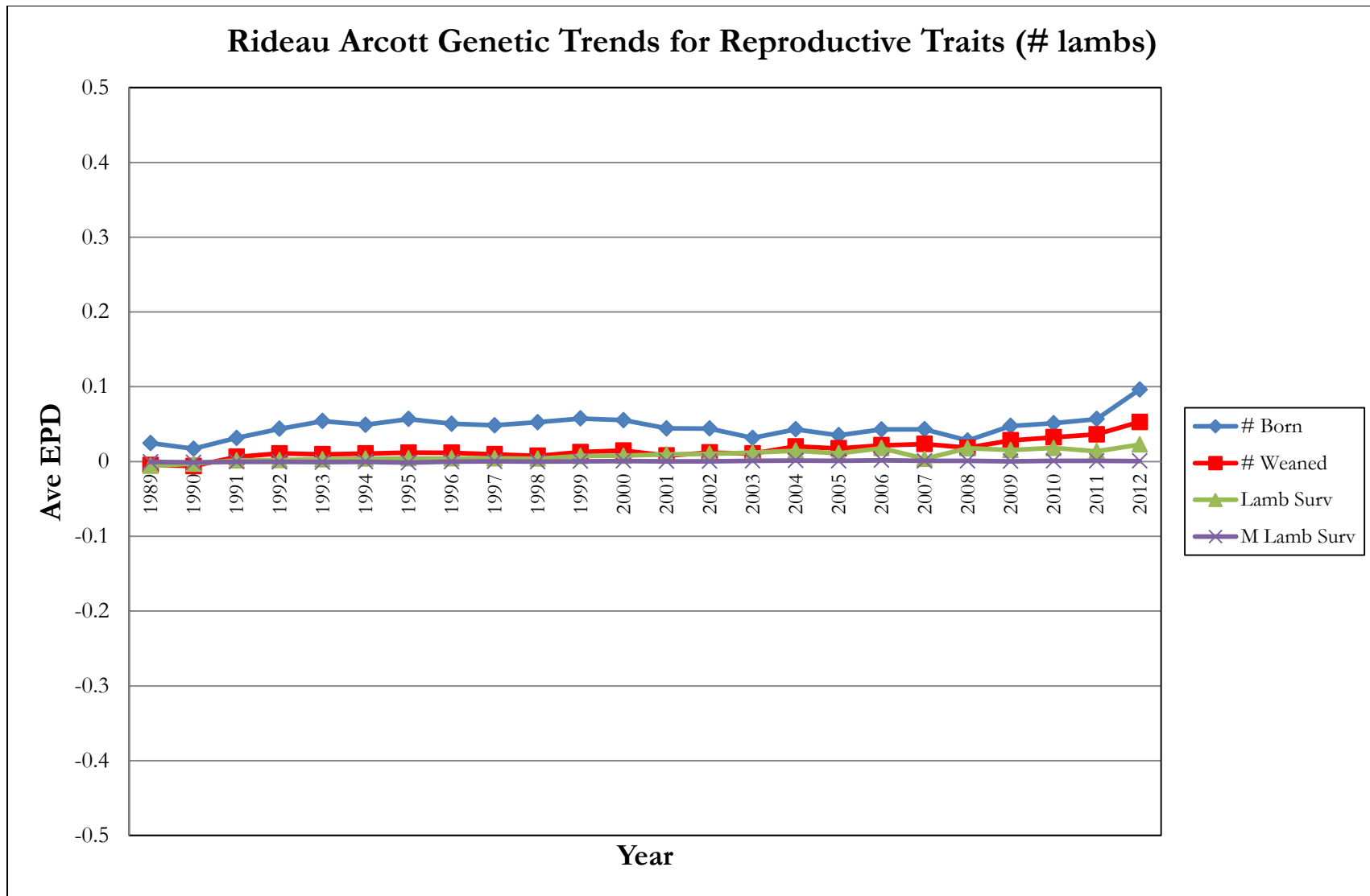
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



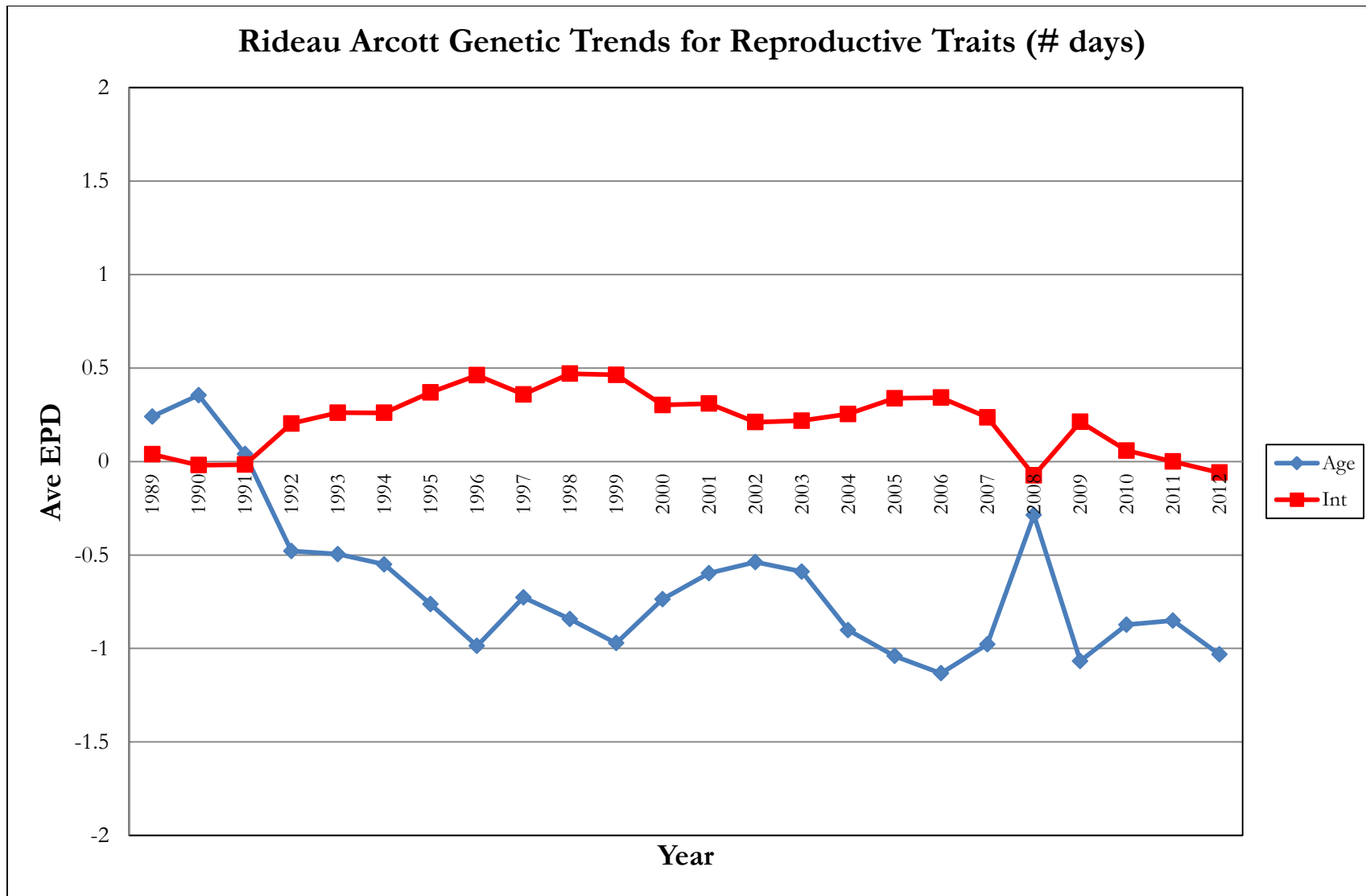
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



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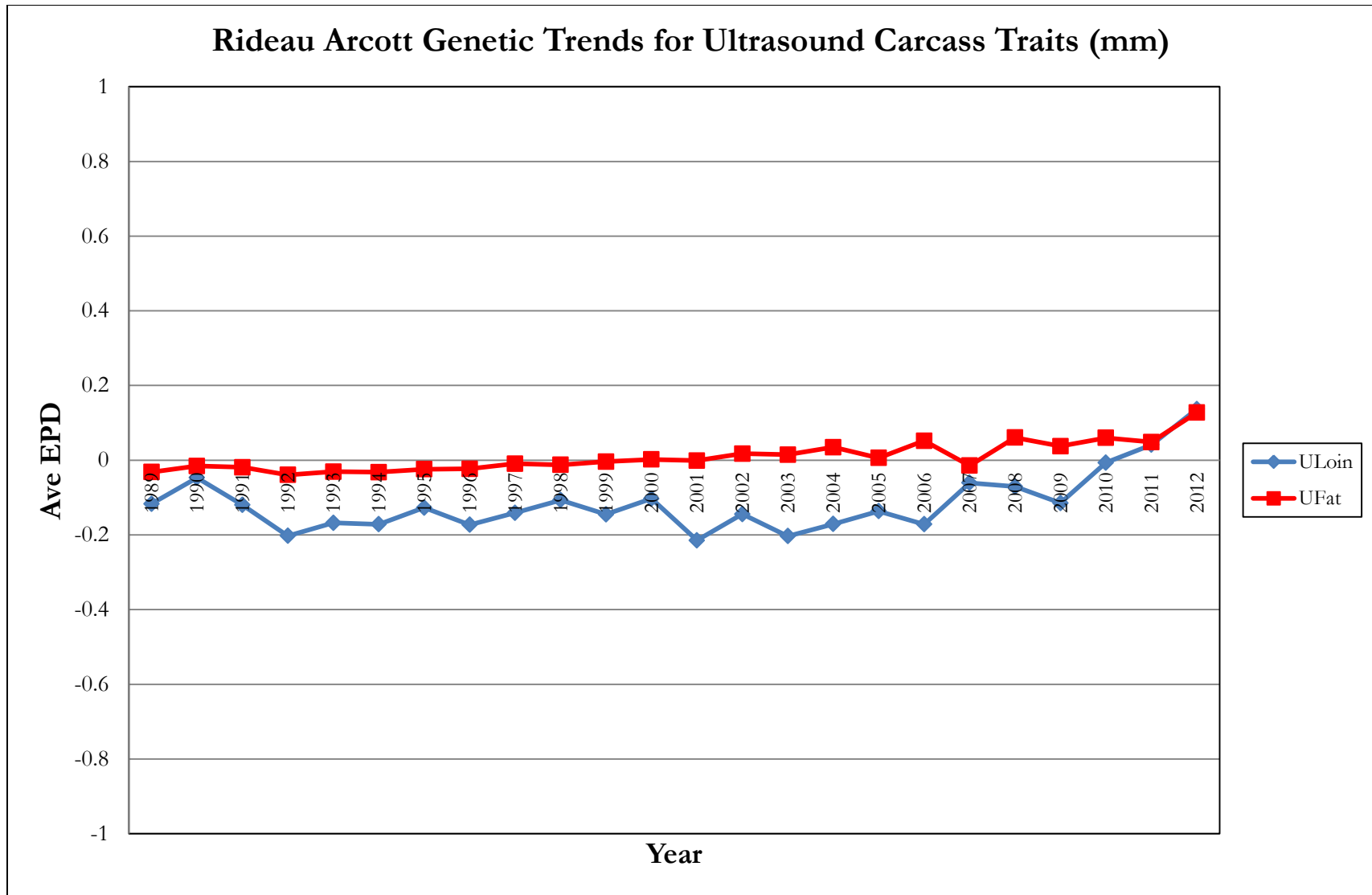


Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.

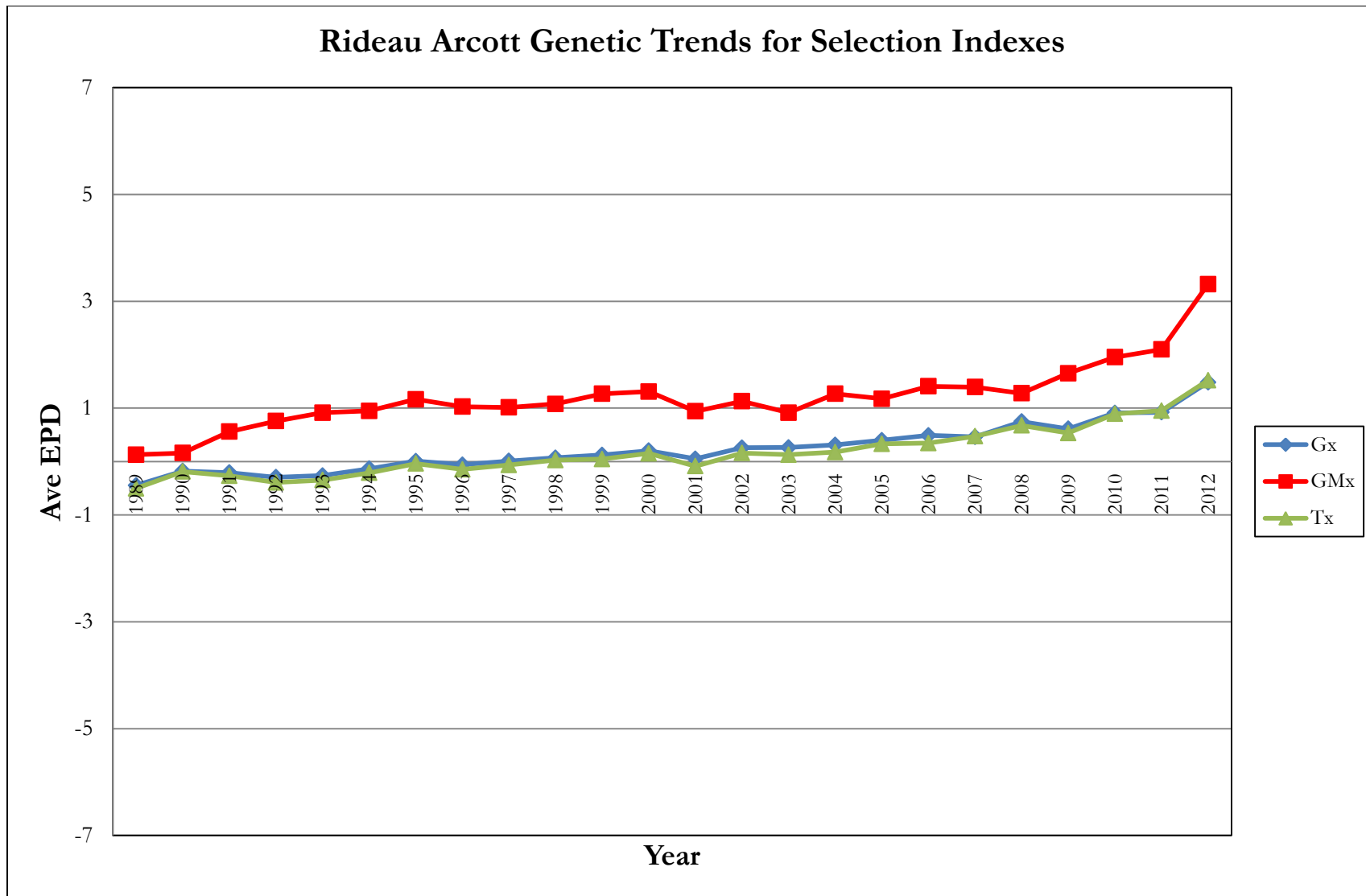


Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.

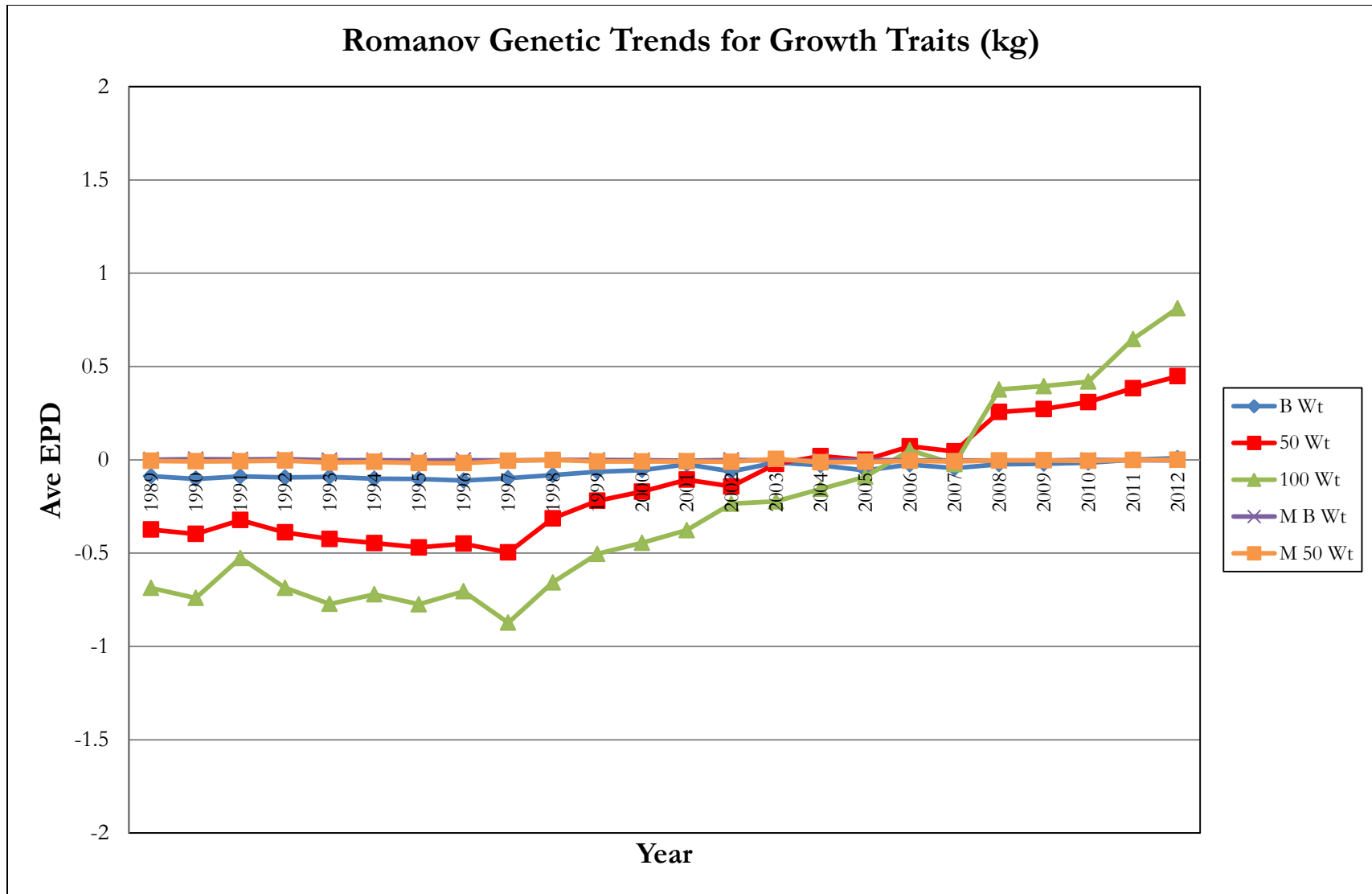




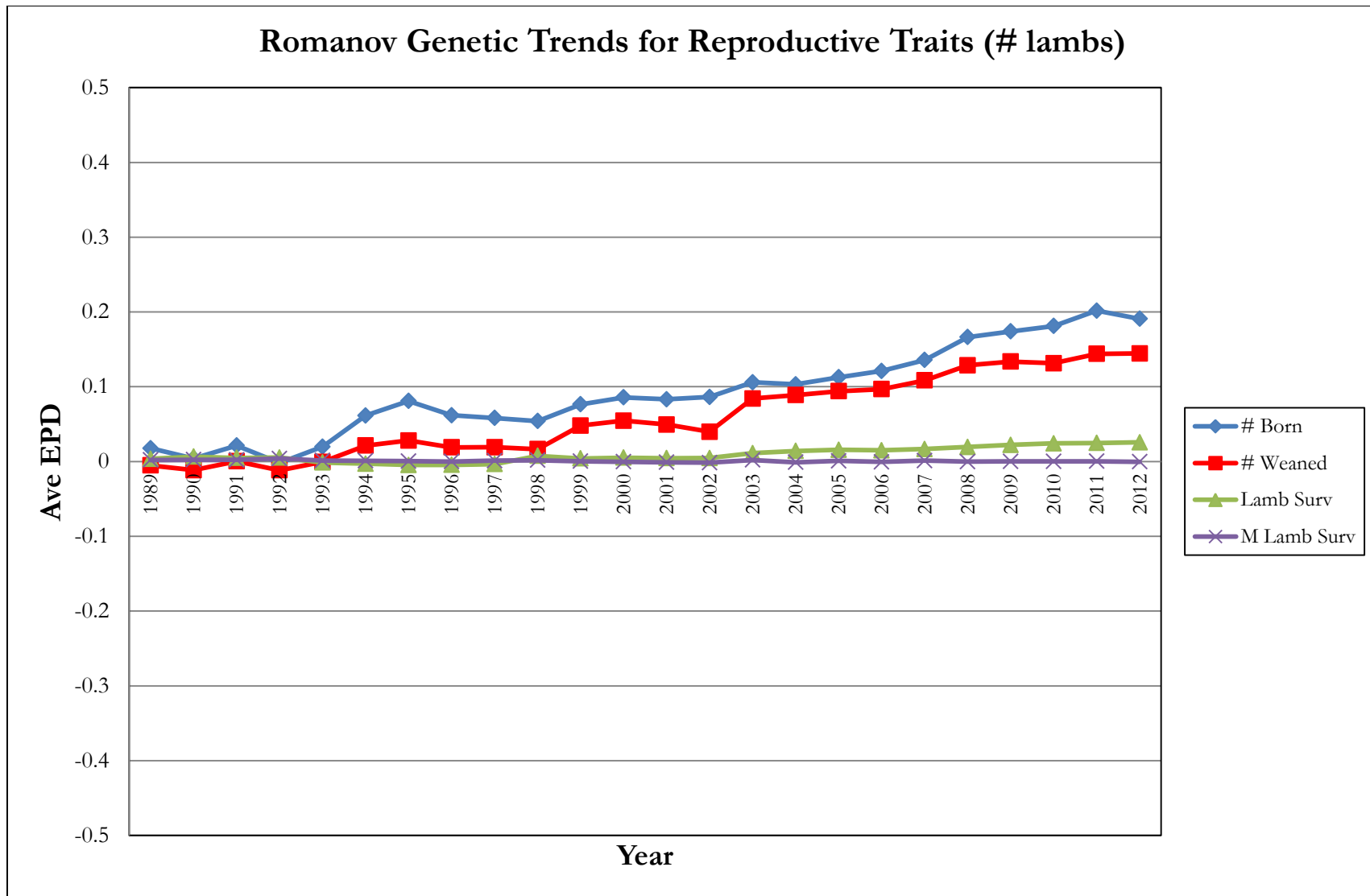
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



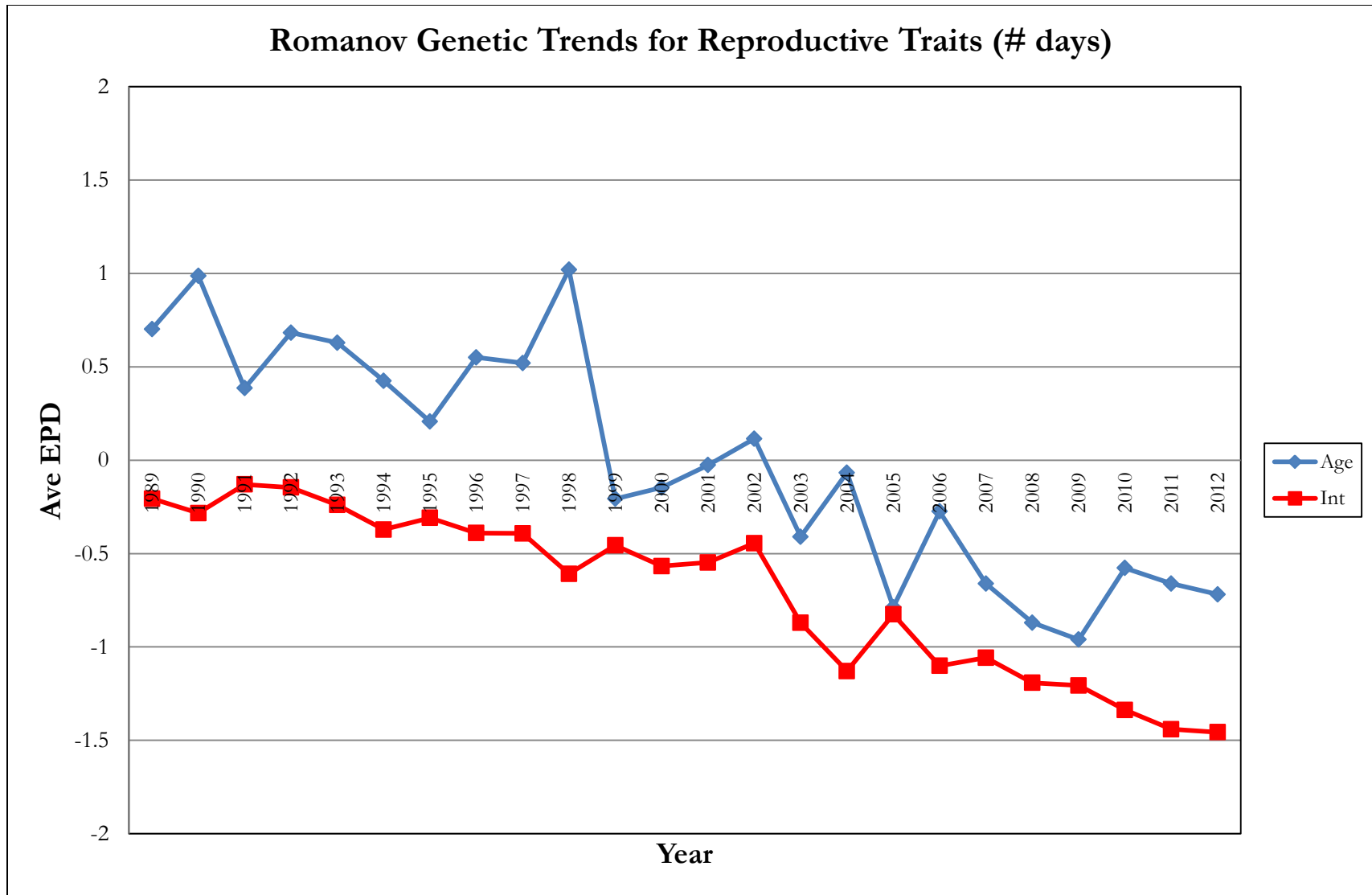
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



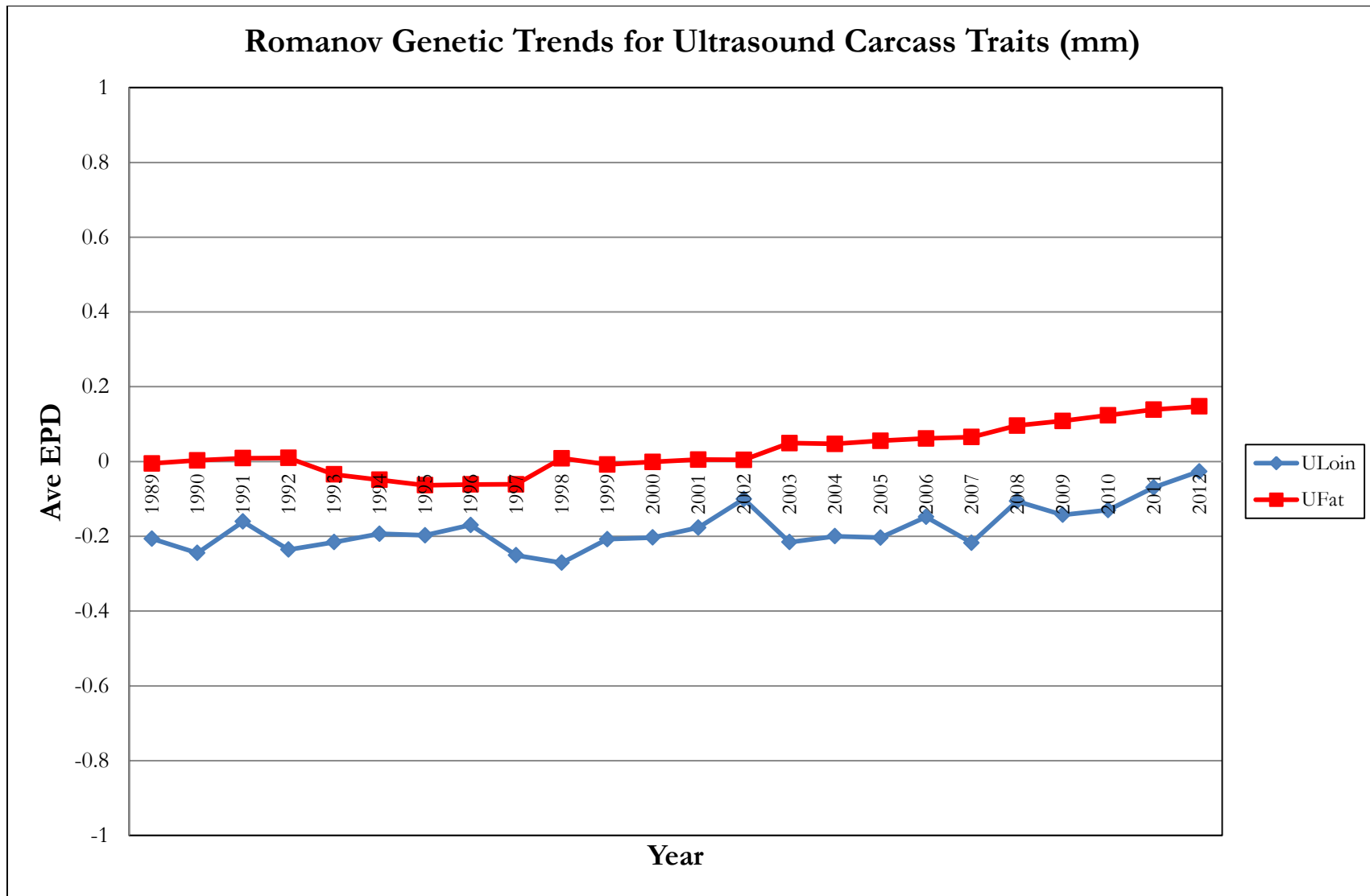
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



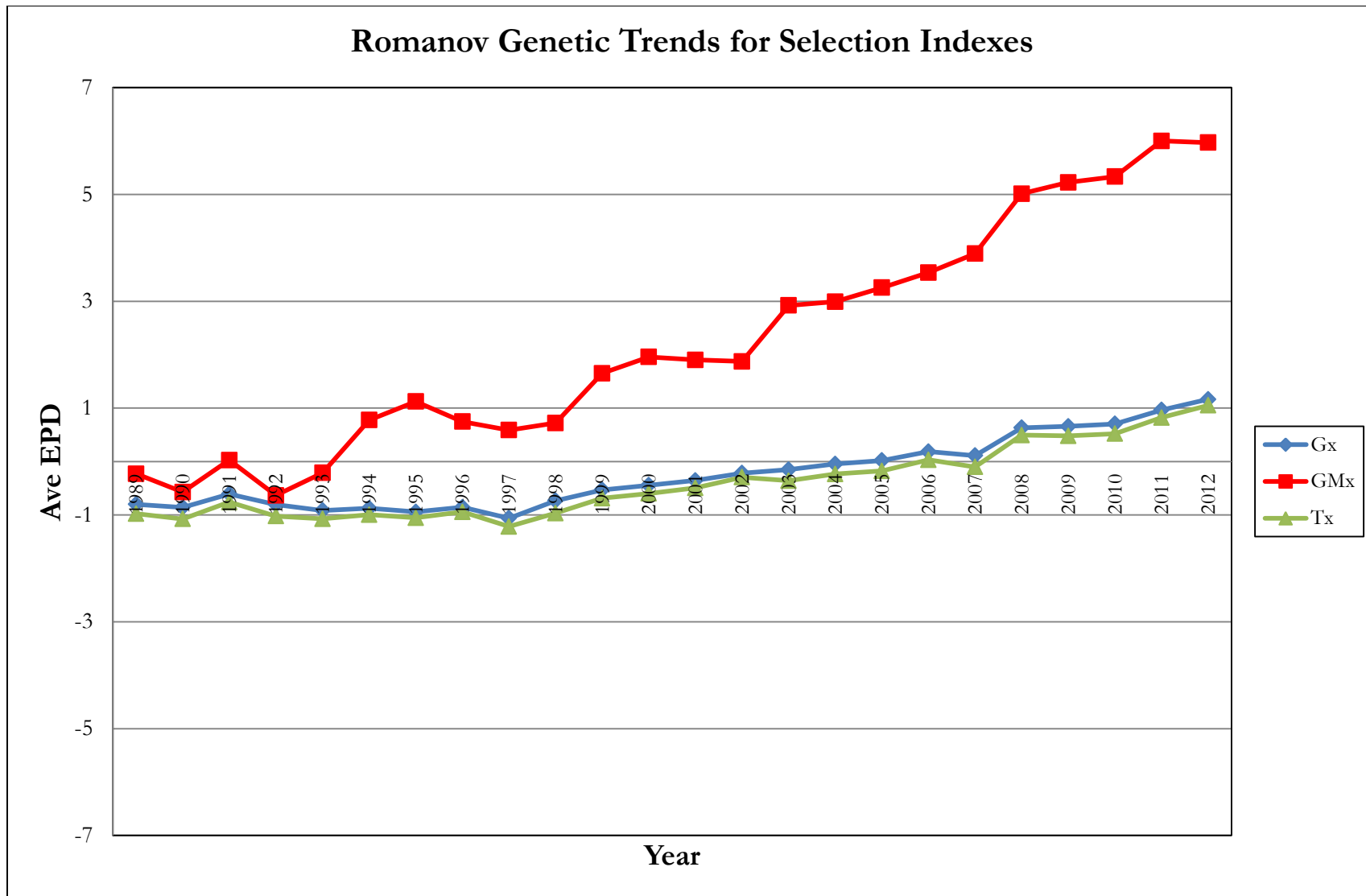
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



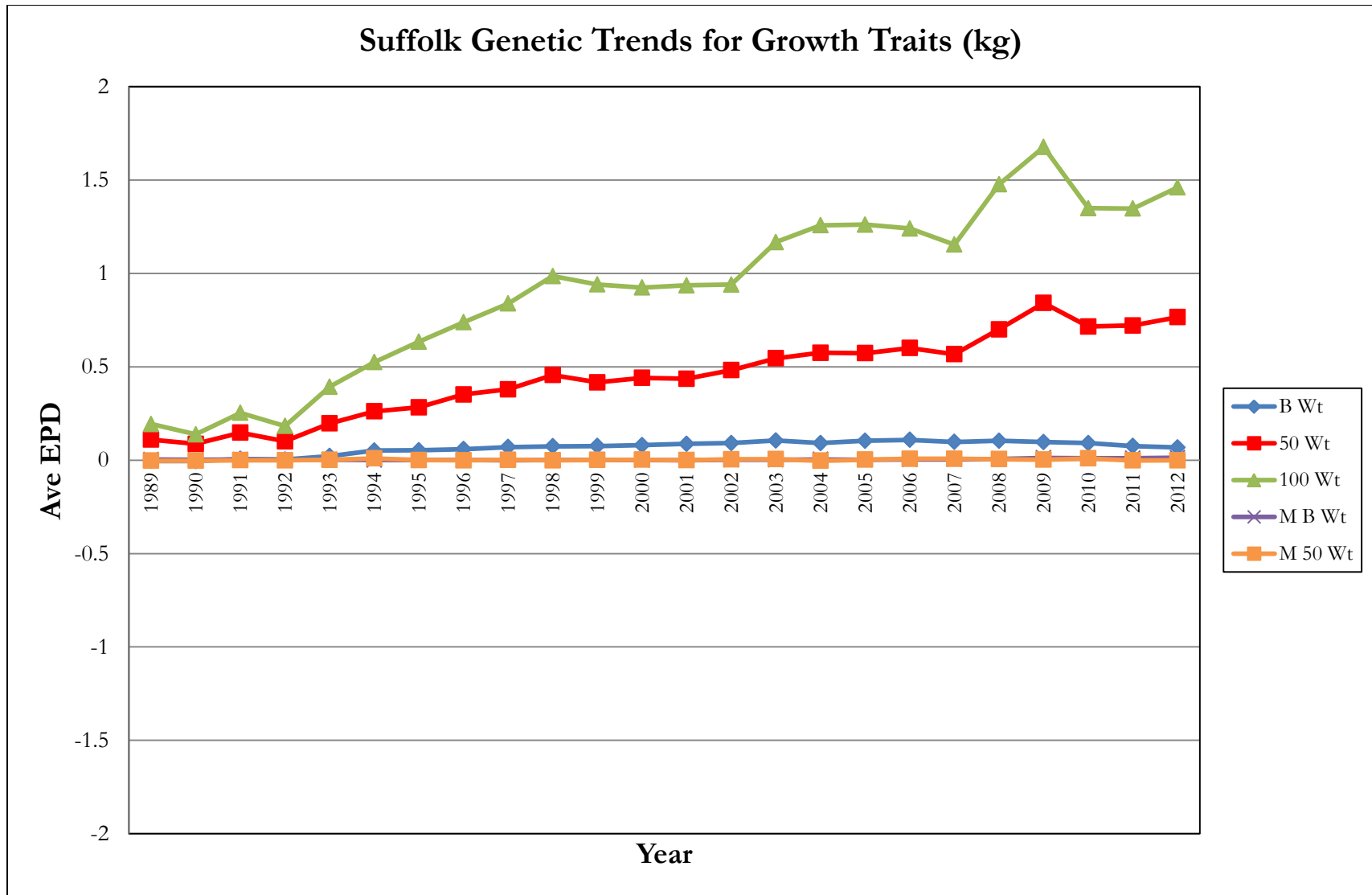
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



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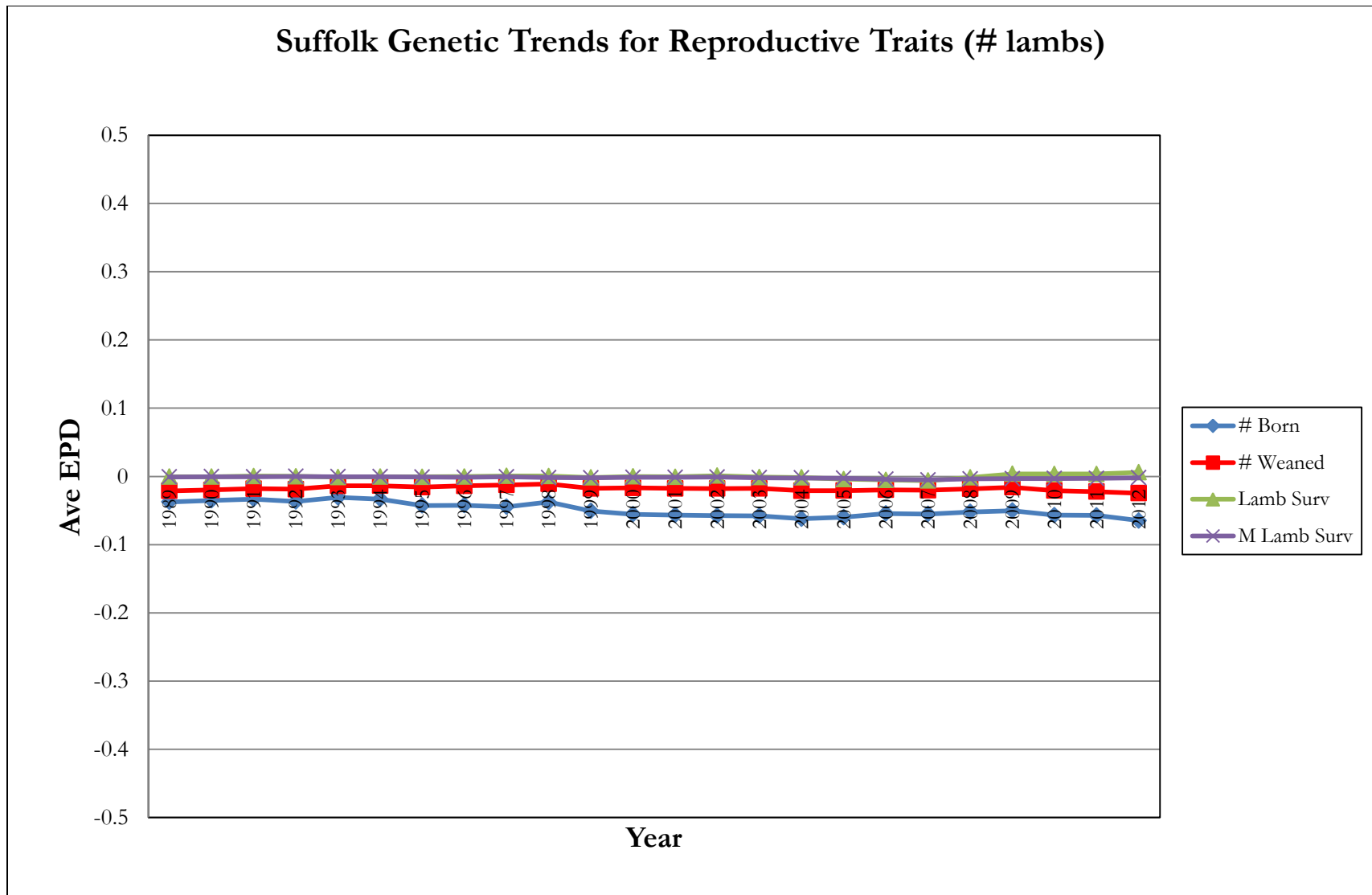


Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.

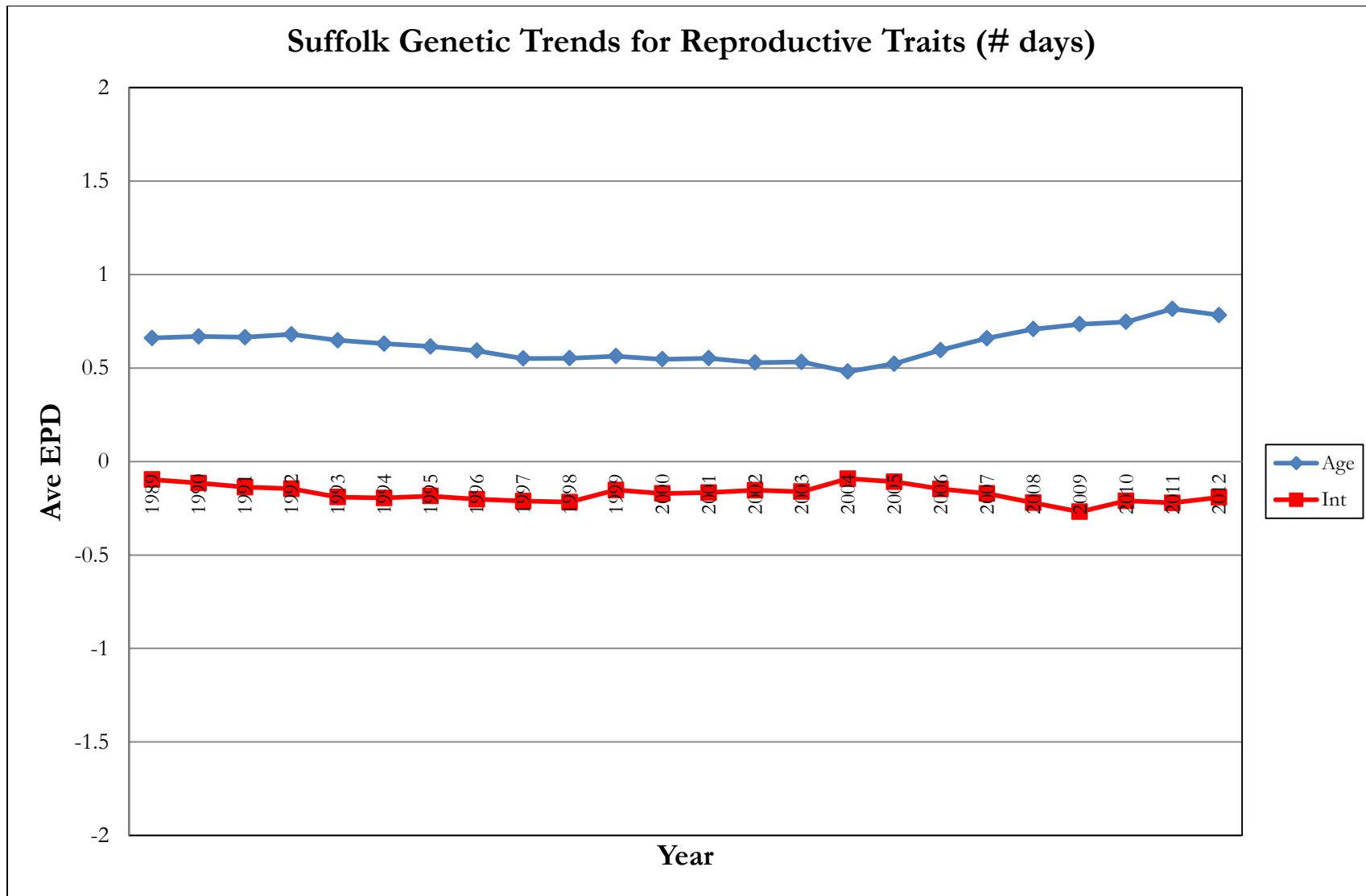


Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.

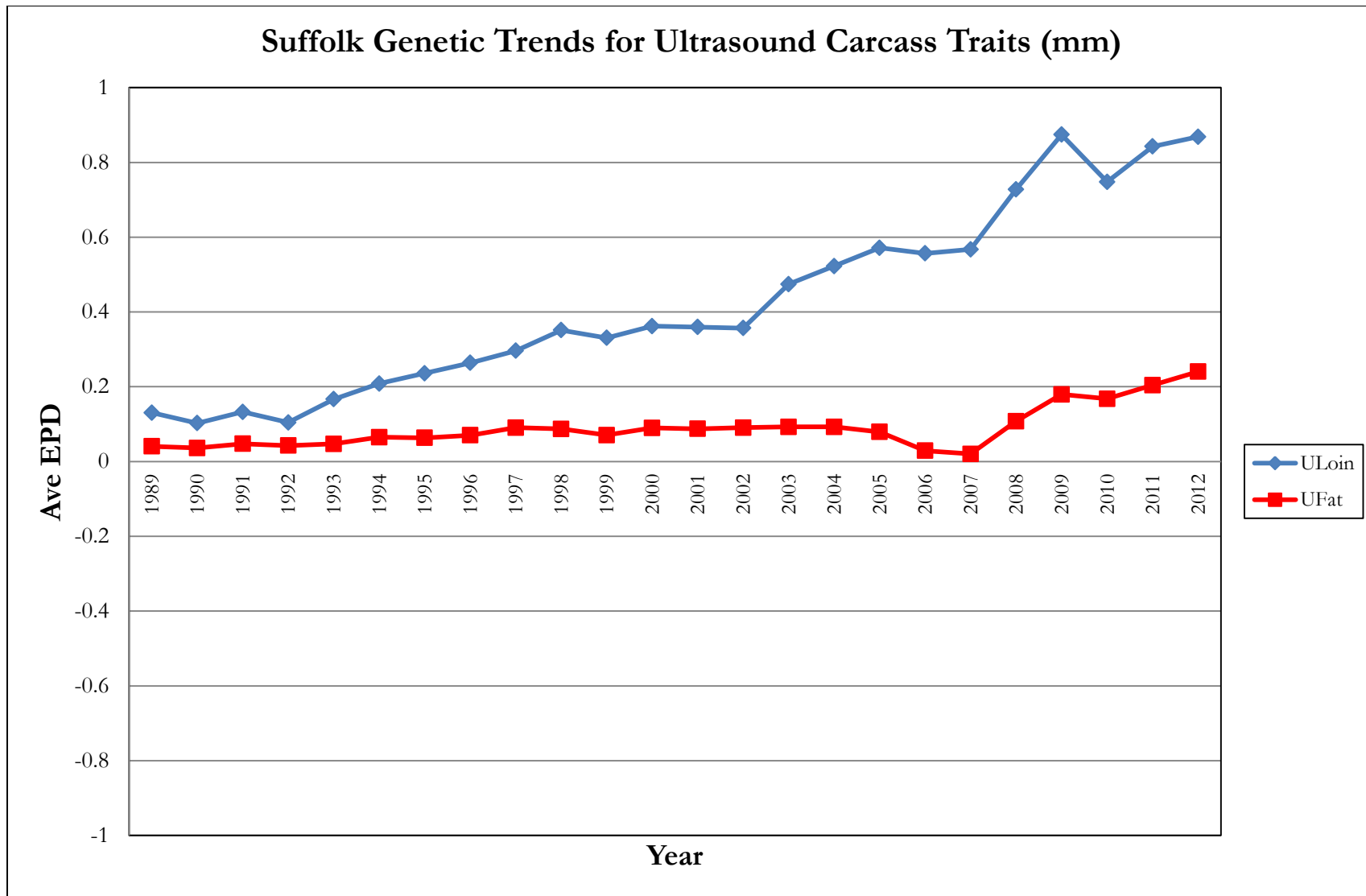




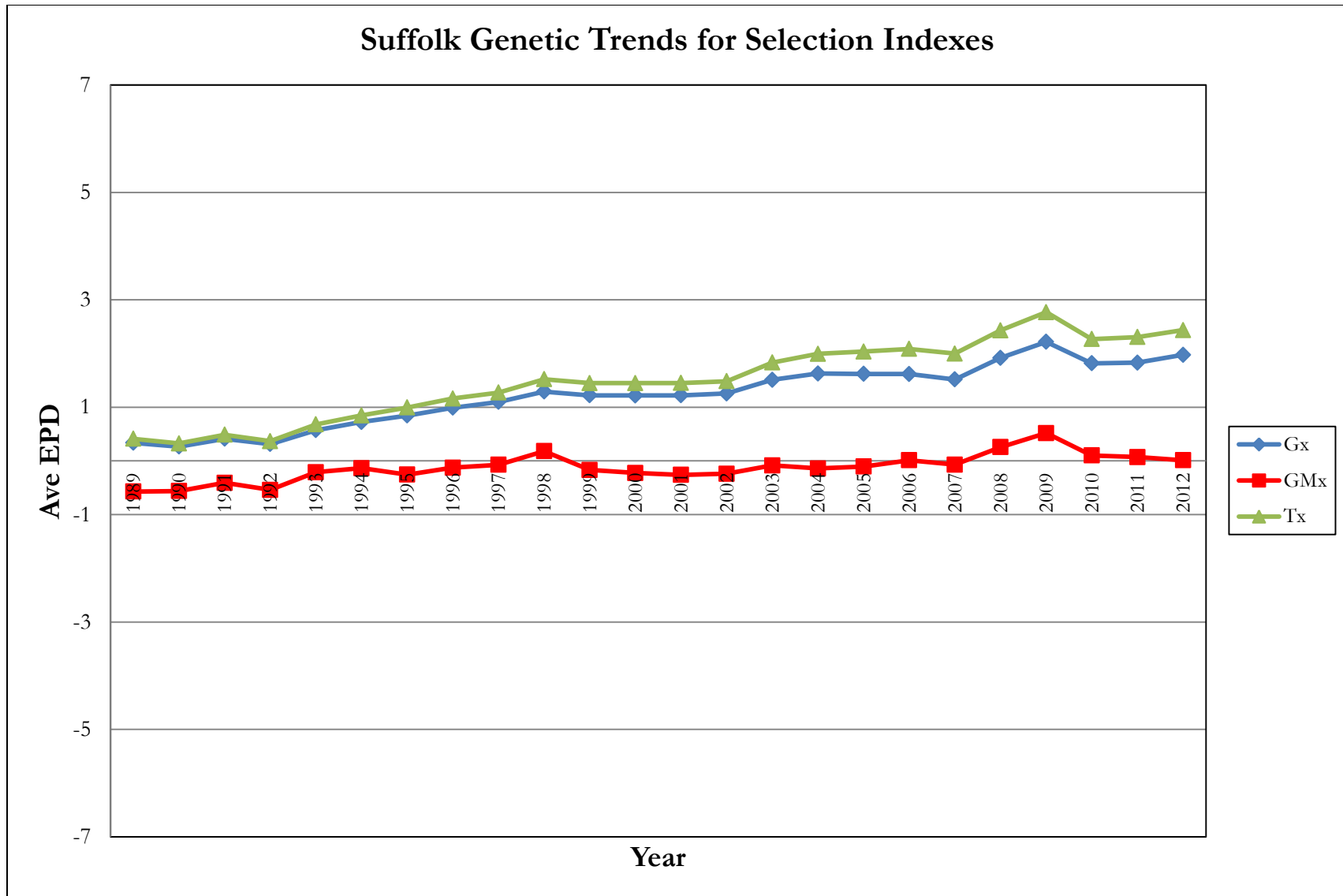
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



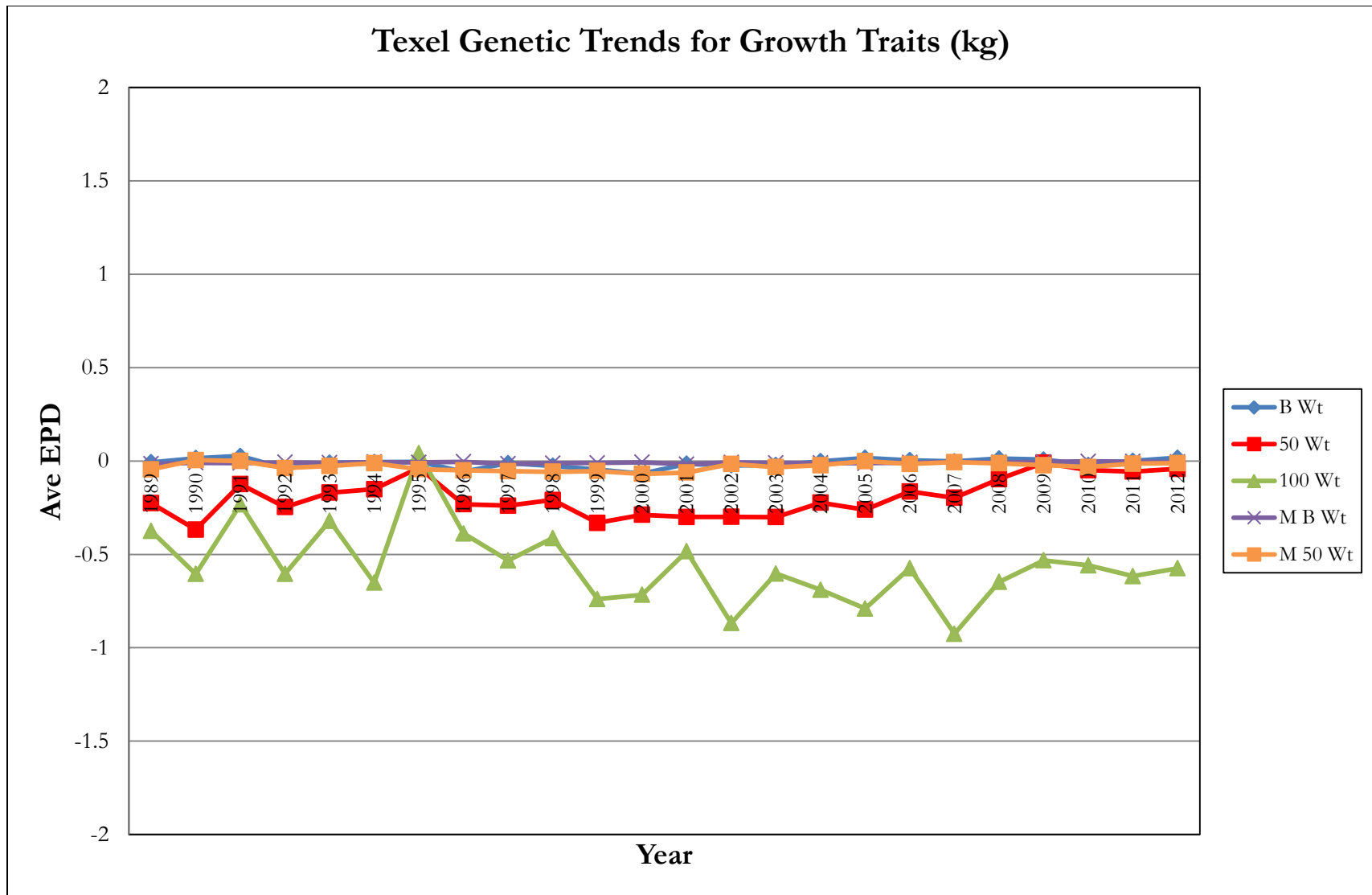
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



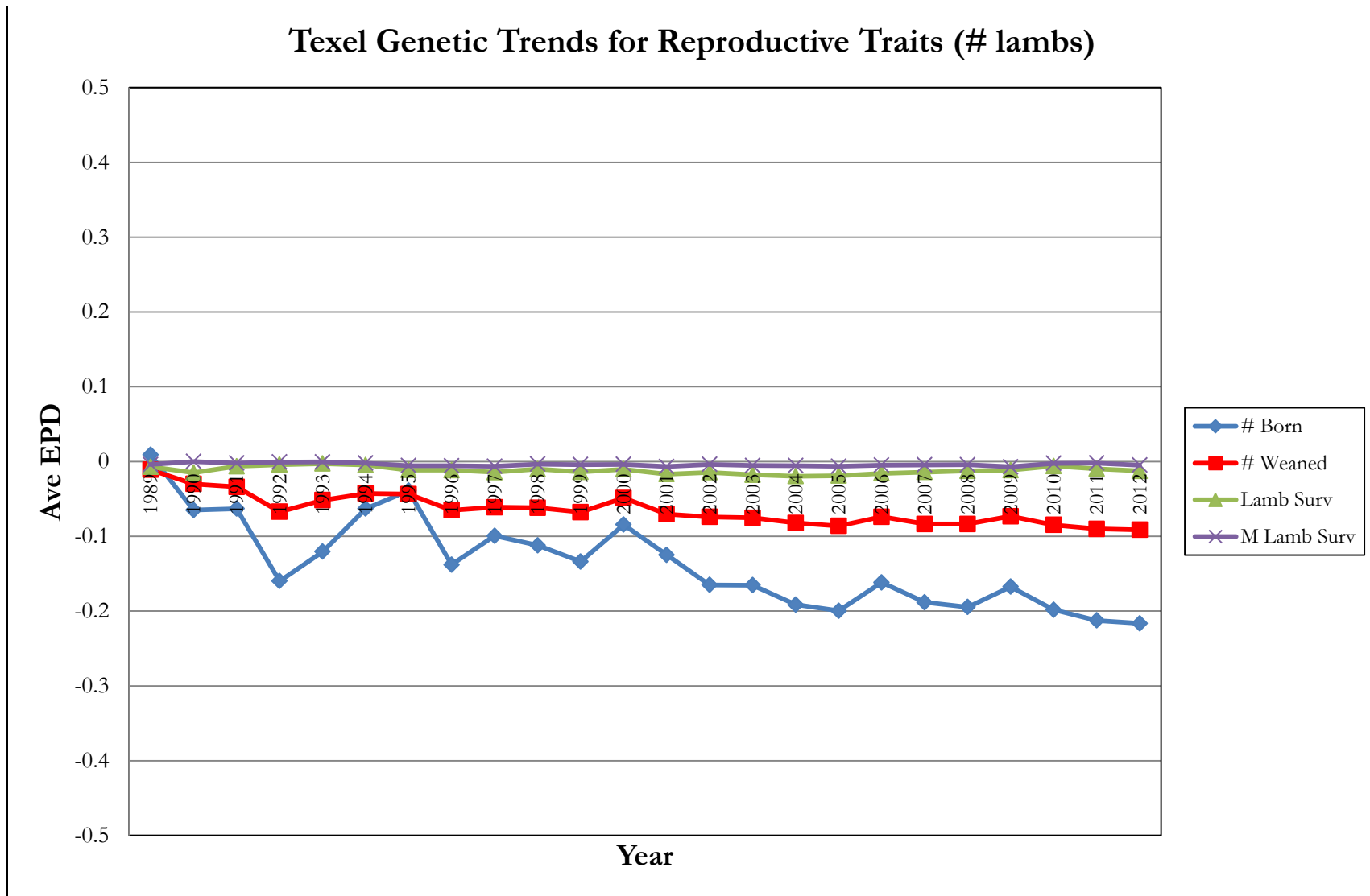
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



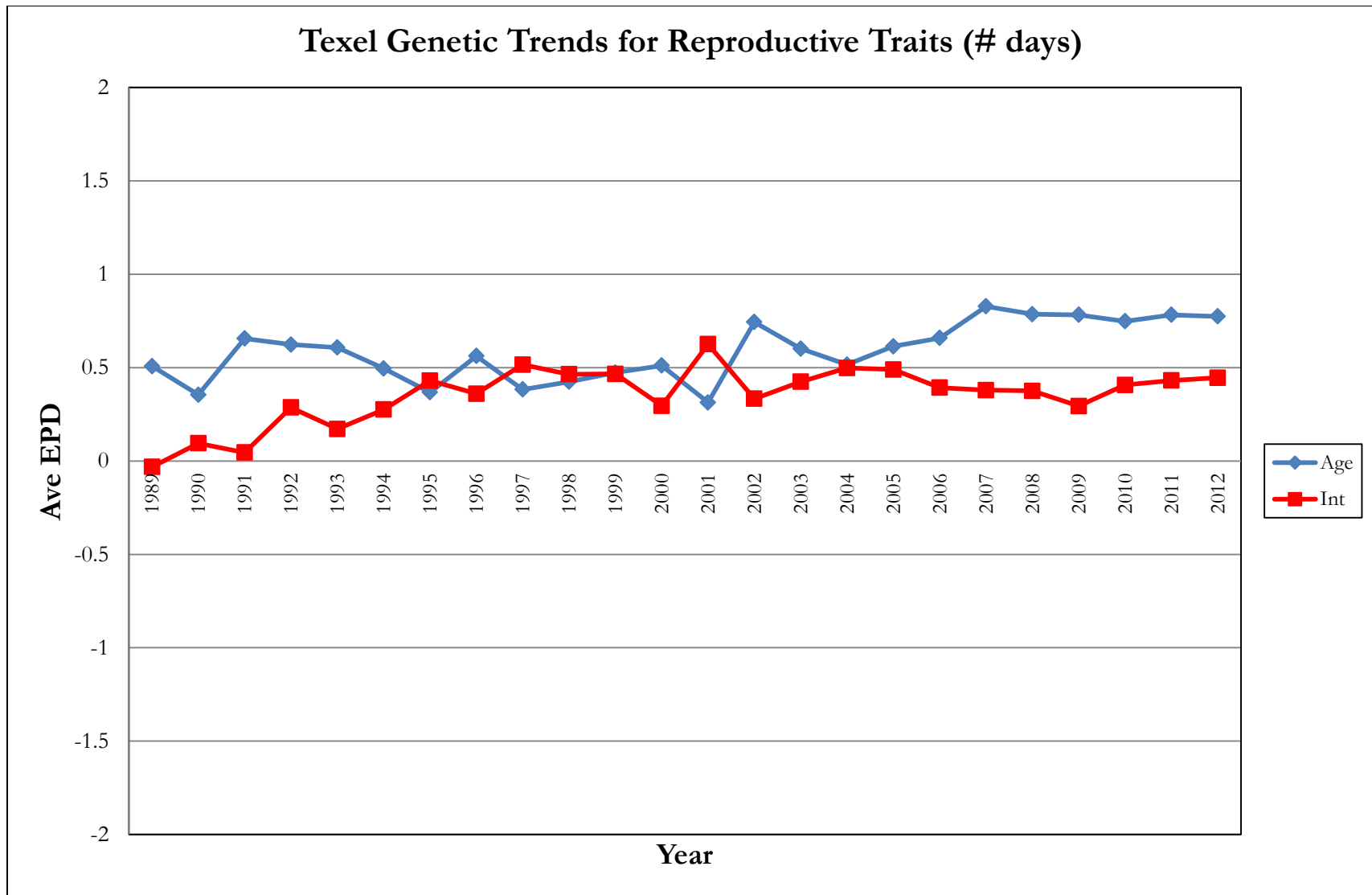
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



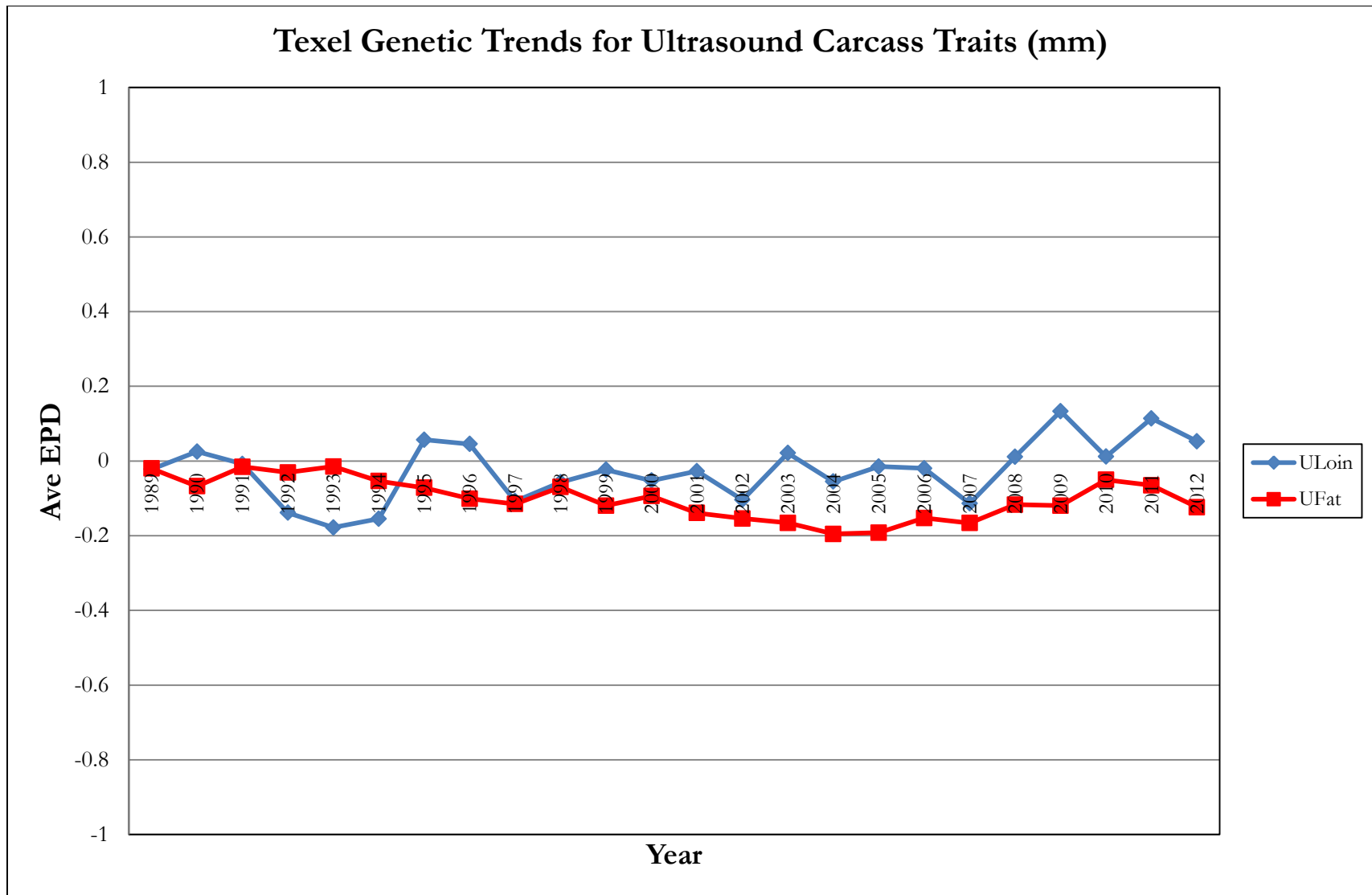
Note: The scale for growth traits (kg), reproductive traits (# lambs), reproductive traits (# days), ultrasound carcass traits (mm) and selection indexes is different.



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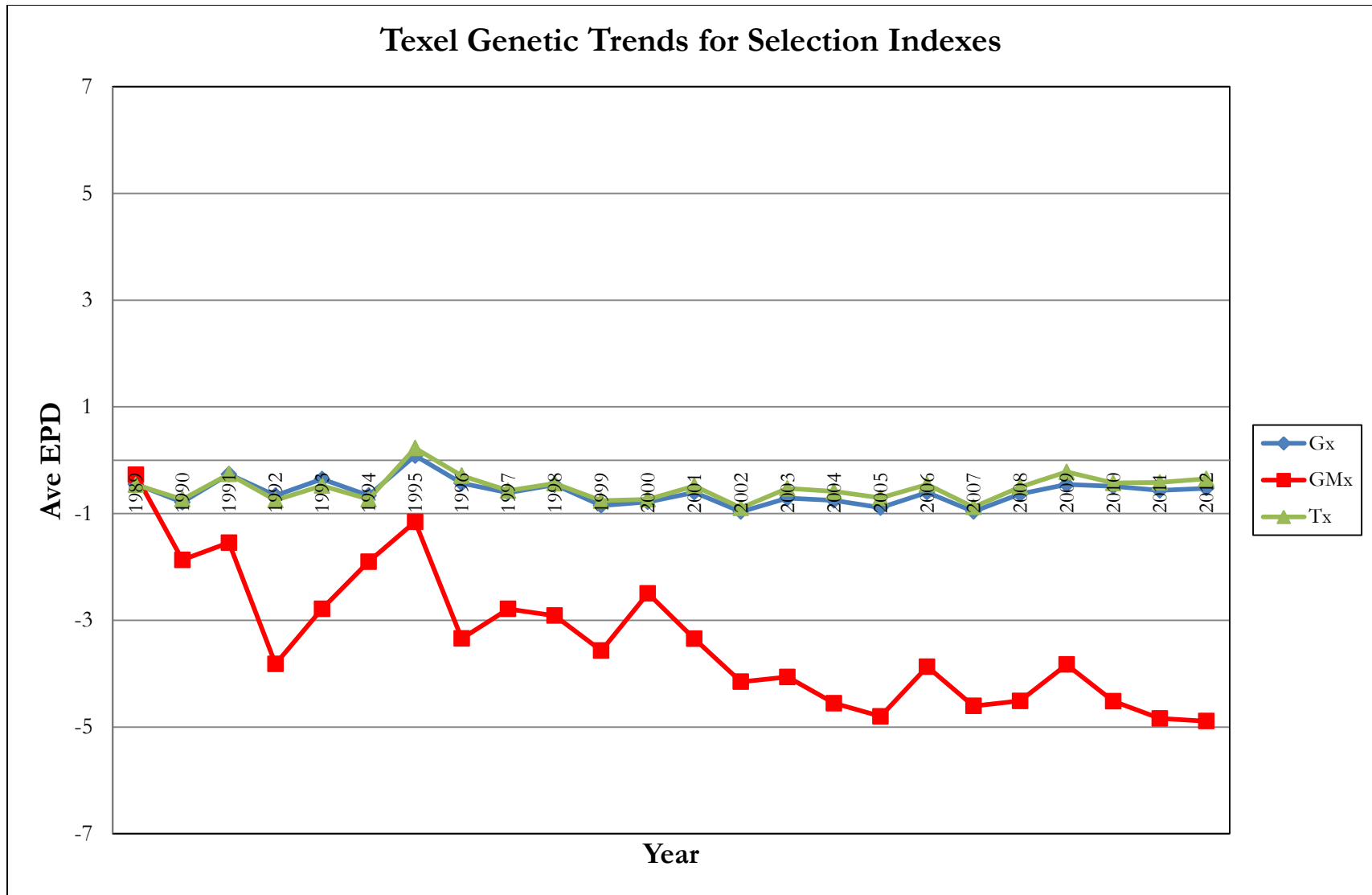


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## Producer Participation in 2012

The legend for breed codes is available on page 6.

The following (Tables 7, 8 and 9) is a list of producers participating in GenOvis in the year 2012.

Due to the government's Freedom of Information legislation, only producers who provided written authorization to publish their names on the annual enrolment form are included in this report.

**Table 7. Ontario Performance Testing Summary for 2012, by Producer**

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
COLLEEN ACRES & DWAYNE BAZINET	613-826-2330	DP	25	23
MAPLE MEADOWS FARMS		HA	28	25
6830 BELMEADE ROAD		RI	86	76
RR 4 OSGOODE, ON		SU	21	19
K0A 2W0				
DONNA AZIZ	905-852-9252	KA	76	
ROLY POLY FARMS		XB	3	
11835 LAKERIDGE ROAD				
RR 1 SUNDERLAND, ON				
L0C 1H0				
GARY & LUANNE BRIEN	519-674-3846	DP	59	30
G+L BRIEN		HY	1	
12479 RIDGE LINE		TX	26	13
RR 2 RIDGETOWN, ON		XB	2	
N0P 2C0				
LEE BRIEN	519-809-5332	SU	4	2
RIDGELINE SUFFOLKS				
BOX 1639				
RIDGETOWN, ON				
N0P 2C0				
TED & ALLISON BROWN	905-877-2323	RI	66	
BROWN WOOLIES				
11674 FIFTH LINE				
RR 1 LIMEHOUSE, ON				
L0P 1H0				
MURIEL BURNETT	705-887-6512	DP	5	
BURNDALE FARM		HY	4	
1314 KILLARNEY BAY ROAD		SH	25	
RR 1 CAMERON, ON		XB	16	
K0M 1G0				
LUKE & JENNY CARNAGHAN	905-986-5120	HY	77	
CARNCROFT FARM				
3380 CHURCH STREET				
BLACKSTOCK, ON				
L0B 1B0				

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
BEV & MARK COMFORT COMFORT TUNIS 93 EMPIRE HANNA ROAD CARDINAL, ON K0E 1E0	613-657-3893	TU	13	
JUDY DENING THE SHEPHERDS GATE 649 RIVER ROAD LINDSAY, ON K9V 4R4	705-324-3453	HY RI XB	10 177 3	
JIM & WENDY DRISCOLL 7832 12 <sup>TH</sup> LINE RR 2 ALMA, ON N0B 1A0	519-638-5703	DP	14	
BILL & LYNNE DUFFIELD CODAN SUFFOLKS 4957 MICHIGAN LINE RR 2 WYOMING, ON N0N 1T0	519-899-2663	SU	62	42
SHELAGH FINN LAMB LADY FARM 9090 ADJALA FIVE SIDEROAD RR 1 PALGRAVE, ON L0N 1P0	647-932-7102	RI	123	
SHIRLEY & ROBERT GRAVES & SONS CENTURY LANE FARM 5576 FAULKNER TRAIL RR 1 STITTSVILLE, ON K2S 1B6	613-831-2656	DP	30	
TINA HARRINGTON STONEHILL SHEEP 823119 MASSIE ROAD RR 4 CHATSWORTH, ON N0H 1G0	519-794-3732	DP SU	19 37	
ANNE & DAVID HARTLEY HARTLEY FARM 404065 GREY ROAD 4 RR 1 PRICEVILLE, ON N0C 1K0	519-369-2438	DP	86	
JIM & KAREN HAYWARD TRILLIUM WOODS SHEEP 262141 CONCESSION ROAD 5 RR 1 SHALLOW LAKE, ON N0H 2K0	519-371-8487	SU	22	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
AARON HORST 8069 PERTH ROAD LISTOWEL, ON N4W 3G8	519-698-2618	HY RI XB	30 26 78	
MICHAEL HUFFMAN ST. BENEDICTS ACRES MADONNA HOUSE 288 DAFOE ROAD COMBERMERE, ON K0J 1L0	613-756-9016	XB	51	
PETER HYAMS SOMERSET FARM 455 ROBINSON ROAD RR 1 ELDORADO, ON K0K 1Y0	613-473-5244	DP	156	
ROBERT & GAIL IRVINE ROCKY LANE FARM 1281 7 <sup>TH</sup> LINE RR 4 SELWYN, ON K9J 6X5	705-292-7207	DP	146	
BETHANEE JENSEN SHEPHERD'S FOLD 40218 BRANDON ROAD RR 1, BRUSSELS, ON N0G 1H0	519-887-9948	DP	105	
CHRISTOPHER KENNEDY TOPSY FARMS LTD. 14775 FRONT ROAD STELLA, ON K0H 2S0	613-389-0554	SU	132	
H. LOGAN STRATHEARL FARM RR 4 ROCKWOOD, ON N0B 2K0	519-856-4490	RI	9	
WILLIAM MACTAGGART MACTAGGART SUFFOLKS RR 5 ROCKWOOD, ON N0B 2K0	519-824-3878	SU	71	
BILL MCCUTCHEON MULMUR VISTA FARMS 401256 COUNTY ROAD 15 RR 2 GRAND VALLEY, ON L0N 1G0	519-928-9626	RI	1014	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
FLORENCE PULLEN SHILLALAH FARM 40972 HURON ROAD PO BOX 715 CLINTON, ON N0M 1L0	519-233-7896	SU	125	
ROSS & CLEMINTINE SAVASI J & J FARMS 661 THIRD LINE ROAD RR 1 WARSAW, ON K0L 3A0	705-652-7477	BC	28	
PAM SHEPHERD THUNDER HILL FARM 3766 DURHAM ROAD 57 NESTLETON, ON L0B 1L0	905-986-1874	DP HY XB	31 12 14	
LLOYD SKINNER SPRING HILL FARM 2846 CONCESSION ROAD 7 RR 5 BOWMANVILLE, ON L1C 3K6	905-263-8167	HY NC	5 18	
JOANNE & TED J. SKINNER CEDAR CREEK CHAROLLAIS 2910 CONCESSION ROAD 7 RR 5 BOWMANVILLE, ON L1C 3K6	905-263-2102	CO DP HY RI XB	72 2 34 12 18	58 2 3 7 3
PHILIP & ELIZABETH SMITH BREEZY RIDGE FARM 203 MT. PLEASANT TRAIL RR 1 SUTTON, ON L0E 1R0	905-478-4280	RI XB	408 1	
JOHN & EADIE STEELE 1571 CENTRE LINE NORWOOD, ON K0L 2V0	705-696-1491	HY TX XB	390 159 1907	
GREG STUBBINGS GILMER-STUBBINGS FARM 12085 COUNTY ROAD 38 RR 3 WINCHESTER, ON K0C 1K0	613-774-4563	HY RI XB	19 134 6	
MATTHEW SWART GENERATION FARMS SUFFOLK 84300 MCNABB LINE BRUSSELS, ON N0G 1H0	519-887-6317	SU	10	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
KEITH TODD TODD SHEEP COMPANY INC. 85173 ST. HELENS LINE RR 2 LUCKNOW, ON N0G 2H0	519-528-2650	HA IF SO SU	18 19 35 67	
FRANCIS WINGER 231412 CONCESSION 2 WGR RR 4 MOUNT FOREST, ON N0G 2L0	519-323-3531	RI	172	

## Producer Participation in 2012 cont'd.

**Table 8. Quebec Performance Testing Summary for 2012, by Producer**

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
RYAN ALLEN MACALLEN FARM 2301 CHEMIN LABRÈCHE RAWDON, QC J0K 1S0	450-834-3050	DP HY SU XB	10 77 18 44	
SYLVAIN ARBOUR BERGERIE DU MARGOT 356 CHEMIN THIVIERGE BONAVENTURE, QC G0C 1E0	418-534-3701	HY RI XB	139 120 27	
ALAIN ARCHAMBAULT 1655 LISE GRANBY, QC J2J 0S3	450-378-8648	CO HY PO XB	3 19 17 8	
JUSTIN AUDET & NATALIE CHARTIER LE BISCORNU 126 CHEMIN ST-JOSPEH RIMOUSKI, QC G5N 5E6	418-735-5018	IL	138	120
ALAIN BEAUDOIN BERGERIE DU BAYOU 536 RANG ST-OVIDE STE-SOPHIE-DE-LÉVRARD, QC G0X 3C0	819-668-3112	RV	165	
CHRISTIAN BEAUDRY & MARIE- FRANCE BOUFFARD AGRONOVIE SENC 635 CHEMIN BEAUDRY GRANBY, QC J2J 0K4	450-379-5298	HY RI XB	121 683 11	25
SOPHIE BÉDARD ROBERT GIRARD et SOPHIE BÉDARD 154A GRANDE-BARBUE ST-CESAIRE, QC J0L 1T0	450-469-2744	DP	69	44
ISABELLA BÉLANGER & RAYNALD JALBERT FERME BÉLICA SENC 1126 RANG DOUBLE ST-PAMPHILE, QC G0R 3X0	418-356-2660	HY RI XB	336 9 2	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
JEAN BELISLE 857 STE-MADELEINE ST-ANDRÉ-AVELLIN, QC J0V 1W0	819-983-4206	HY RV	128 44	
JEAN-PIERRE BÉRIAULT FERME JEAN-PIERRE BÉRIAULT 659 CHEMIN DE ST-VALÉRIEN STE-CÉCILE-DE-MILTON, QC J0E 2C0	450-378-0242	DP HY SU XB	27 1 2 79	10
MARYSE BERNIER FERME BERNIER CAMPBELL INC. 215 1 RANG MILTON ROXTON POND, QC J0E 1Z0	450-361-9502	DO	125	71
SYLVAIN BIBEAU LES SERVICES S. BIBEAU INC. 45 RANG 6 ST-NORBERT-D'ARTHABASKA, QC G0P 1B0	819-369-8111	HY	272	
ÉRIC BLANCHARD FERME AGNEAUX DES CHAMPS 201 RANG BAS LÁCHIGAN L'ÉPIPHANIE, QC J5X 2N6	450-588-6904	HY RI	72 387	
SYLVAIN BLANCHETTE C.E.P.O.Q. 1642 RUE DE LA FERME LA POCATIÈRE, QC G0R 1Z0	418-856-1200	DP HY	151 224	99 151
LORRAINE BOUCHER 1655 RUE LISE GRANBY, QC J2J 0S3	450-378-8648	CO HY PO XB	16 3 21 8	
JEAN BOURASSA ODETTE MÉGRÉ 434 ROUTE 104 MONT ST-GREGOIRE, QC J0J 1K0	514-206-5234	HY XB	121 5	
SYLVIE BRADETTE ALAIN MARCOUX & SYLVIE BRADETT 430 RUE DE L'ÉCOLE STE-SOPHIE-D'HALIFAX, QC G0P 1L0	819-362-3997	HY RV XB	40 121 7	



Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
DOMINIQUE BRISSON BERGERIE DU FAUBOURG 5 CHEMIN DU CINQUIEME RANG ST-NARCISSE-DE-RIMOUSKI, QC G0K 1S0	418-735-5049	SU	215	153
JOHANNE CAMERON & MARTIN BRODEUR BERG MAROVINE ET HIGHLANDERS 179 RANG LE COTEAU ST-CHARLES-SUR-RICHELIEU, QC J0H 2G0	450-584-3997	BL HA HY RV XB	33 113 470 257 818	71
NANCY CARDINAL FERME ROYDINAL SENC 545 RANG 5 LAVERLOCHERE, QC J0Z 2P0	819-765-2182	HY RV	172 30	
PAUL CARDYN 351 CHEMIN BELLEVUE COATICOOK, QC J1A 2S1	819-849-6496	TX	32	22
NANCY CARON FERME SAYABEC 2010 INC. 92 ROUTE 132 OUEST SAYABEC, QC G0J 3K0	418-536-5615	PO	242	
GENEVIEVE CASTONGUAY & FRANCIS BOUCHER FERME ALIZÉE 285 RANG 4 EST ST-JOSEPH-DE-KAMOURASKA, QC G0L 3P0	418-493-2323	PO XB	367 11	
LYNE & FRANCOIS CHAMPAGNE BERGERIE AGNEAUX DE LA PLAINE 409 ROUTE MOONEY DURHAM-SUD, QC J0H 2C0	819-858-2445	SU	28	21
MONIQUE CHARBONNEAU MONIQUE CHARBONNEAU & RICHARD 16800 SIR WILFRID-LAURIER MIRABEL, QC J7J 2G3	450-432-5772	DP HY XB	28 34 110	
MARC CHARPENTIER 1085 BOUL. GAMACHE VICTORIAVILLE, QC G6R 0W7	819-758-4149	DP	53	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
CHRISTINE CLAUDE & SACHA CÔTÉ FERME MIDAS 586 11E RANG BONSECOURS, QC J0E 1H0	450-535-6502	SU	120	89
ÉRIC CLOUTIER & VALÉRIE FOURNIER FERME GUYLINE 2001 INC. 390 RANG 10 ST-VALÈRE, QC G0P 1M0	819-353-1809	DP HY RV	86 161 127	
RICHARD COLLINS RC RANCH 4571 CHEMIN DU LAC ST-GABRIEL-DE-BRANDON, QC J0K 2N0	450-835-0351	HY RV	35 55	
JEANNE-MANCE COSSETTE BERGERIE DE JADE 1140 3E RANG ST-LUC-DE-VINCENNES, QC G0X 3K0	819-295-5285	HY RI XB	22 4 91	
JOSÉE COUTURE & SYLVAIN BLANCHETTE FERME OVIMAX SENC 202 ROUTE 230 OUEST ST-PHILIPPE-DE-NERI, QC G0L 4A0	418-498-9989	RI	315	248
MARNIE & VINCENT COUTURE FERME MARVIN 2000 267 1E RANG EST ST-FABIEN-DE-RIMOUSKI, QC G0L 2Z0	418-869-2742	HY RV	33 11	
STEVE COUTURE BERGERIE STEVE COUTURE 928 ROUTE 161 STRATFORD, QC G0Y 1P0	418-443-1136	DO HY	19 105	
JEAN-CHRISTOPHE D'AMOURS FERME JEAN-CHRISTOPHE D'AMOURS 20 RUE DES NOYERS RIVIÈRE-DU-LOUP, QC G5R 4Z4	418-551-9077	HA HY	2 70	
JEAN-FRANÇOIS D'AMOURS BERGERIE DE LA SEIGNEURIE 20 RUE DES NOYERS RIVIÈRE-DU-LOUP, QC G5R 4Z4	418-867-2950	RV	49	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
GILES H. DUBE LES MOUTONS DE PANURGE ENR. 172 RANG 2 EST BP 1656 ST-JEAN-PORT-JOLI, QC G0R 3G0	418-598-6501	RI	137	
PATRICE DUBE FERME DUBAIE DES SABLES INC. 101 RANG DES 7 LACS EST ST-GABRIEL-DE-RIMOUSKI, QC G0K 1M0	418-739-4134	HY PO SU XB	143 601 28 7	
JOHN-WILLIAM FAILLE J & L FAILLE SENC 2635 ROUTE 202 FRANKLIN CENTRE, QC J0S 1E0	450-827-2456	HY PO	11 58	
KARINE FORTIER BERGERIE DU MAPLE LEAF 1437 ROUTE 210 EST SAWYERVILLE, QC J0B 3A0	819-889-1288	HY RV SU XB	565 476 9 39	
CLAUDIE FORTIN-MIOUSSE BERG. CAP A L'ORIGNAL 301 RANG 1 EST ST-FABIEN, QC G0L 2Z0	418-869-3448	DP HY RV XB	3 361 4 12	
SERGE FOURNIER FERME-ÉCOLE LAPOKITA ITA LA POCATIÈRE 401, RUE POIRÉ- CASIER 24 LA POCATIÈRE, QC G0R 1Z0	418-856-1110 #1380	DP HY XB	90 19 82	
PATRICK FRAPPIER BERGERIE DES CHAPELETS INC. 180 RANG 4 DE ST-FRANÇOIS SHERBROOKE, QC J1C 0H4	819-846-2190	FN HY XB	130 639 5	
MARK FROST MARK & TAMY FROST & FAMILY 342 ROUTE 225 KINGSEY FALLS, QC J0A 1B0	819-839-1433	CO SU	2 29	2 27

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
RENÉ GAGNÉ BERGERIE OVIGÈNE 532 ST-THÉRÈSE OUEST STE-HÉNÉDINE, QC G0S 2R0	418-935-3701	RV	600	
MARC GENEST & GHISLAINE ROCH FERME DES TROIS CHÊNES ENR. 840 GRAND RANG ST-CHARLES ST-PAUL-D'ABBOTSFORD, QC JOE 1A0	450-379-9065	HY	289	
JEAN GIASSON FERME JEAN GIASSON 108 CHEMIN GRONDIN AUMOND, QC J0N 1N0	819-449-1470	XB	65	
JOEL GIRARD 1585 CHEMIN DU RUISSEAU ST-GEDEON, QC G0W 2P0	418-345-2321	HA	26	20
REJEAN GIRARD 163 GRANDE BARBUE ST-CESAIRE, QC J0L 1T0	450-379-5936	BC NC	35 80	
ROBERT GIRARD ROBERT GIRARD et SOPHIE BÉDARD 154A GRANDE-BARBUE ST-CESAIRE, QC J0L 1T0	450-469-2744	HA HY SU	50 3 66	39 1 51
CHANTAL GRONDIN & FRANCOIS PARENT BERGERIE DU FLEUVE 10 ROUTE 132 EST TROIS-PISTOLES, QC G0L 4K0	418-851-2038	RI XB	15 656	
ARIANE GYLBERT 477 RANG 4 OUEST LES HAUTEURS, QC G0K 1C0	418-798-8839	RV	38	
ANDRÉE HOULE BERGERIE DE L'ESTRIE 559 RUE DES MUGUETS COATICOOK, QC J1A 3A9	819-849-3221	HY RV	17 676	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
GARRY JACK & BARBARA JACK FERME AMKI 17265 BOUL. VALCARTIER, QC G2A 0A7	418-842-2637	HY RI XB	747 523 5	
ERIC JOBIN BERGERIE PATRIOTE 340 RANG ST-JOSEPH ST-UBALDE, CTÉ DE PORTNEUF, QC G0A 4L0	418-277-9191	DP HY RI RV XB	3 123 676 147 427	
MARC JOMPHE DOMAINE DU MOUTON D'OR INC. 1816 ROUTE 161 BEAULAC-GARTHBY, QC G0Y 1B0	418-333-2589	HY RV XB	89 120 267	
ROBERT LABERGE & AMELIE FLUET FERME MANASAN 150 CHEMIN LABERGE DANVILLE, QC J0A 1A0	819-839-3350	HA XB	157 1	126
E & M LANCTOT FERME E et M LANCTOT 436 CHEMIN DE COOKSHIRE COMPTON, QC J0B 1L0	819-835-5597	DP HY	52 24	
JIMMY LAPOINTE FERME LAPOINT SENC 720 RANG 7 ST-AUGUSTIN, QC G0W 1K0	418-374-2073	DP HY IF XB	365 17 102 74	
REJEAN LAROCHE FERME COTOSABLE SENC 125 RANG 5 ISSOUDUN, QC G0S 1L0	418-728-3659	HY RV	63 122	
GÉRARD LAURENS FERME LAURENS INC. 649 RANG 5 STE-CLOTHILDE, QC J0A 1H0	819-336-3681	RV	190	
EDITH LAVOIE & FRANCIS BEAULIEU FERME FEBER 174 ROUTE 291 SUD ST-HUBERT, QC G0L 3L0	418-497-2146	DP HA HY XB	276 2 15 320	77

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
ÉRIC LAVOIE LA MOUTONNERIE 91 AVENUE MONT-COMI ST-DONAT, QC G0K 1L0	418-739-5876	RI	231	
NICOLE LABEL BERGERIE PAGUIANN INC. 346 RANG 3 EST STE-LUCE, QC G0K 1P0	418-739-3118	CD HY RI XB	68 59 5 1	53 5
VINCENT LABEL FERME DU FOND D'ORME 1131 ROUTE TACHÉ ST-NARCISSE-DE-RIMOUSKI, QC G0K 1S0	418-735-2491	RI XB	94 39	
MAXIME LEDUC FERME GISY 305 RANG 1 WURTEL FERME-NEUVE, QC J0W 1C0	819-587-3841	HY XB	12 272	
SERGE LEFEBVRE LES ÉCURIES ROYALES 17 ROUTE 249 ST-GEORGES-DE-WINDSOR, QC J0A 1J0	819-828-1497	RV	59	
MIREILLE LEMELIN FERME GERMAINE INC. 160 RANG 10 OUEST PRINCEVILLE, QC G6L 4C5	819-364-2940	CD HY XB	351 390 560	
SYLVAIN LEVAC FERME FAMILLE LEVAC 1730 CHEMIN DU FLEUVE LES CÈDRES, QC J7T 1E3	450-452-0331	HA	4	
GUYLAINE LEVESQUE BERGERIE DES PETITS ANGES 15 ROUTE 132 ST-SIMON, QC G0L 4C0	418-738-3087	RI	140	
GILBERT LORD 934 RANG 10 STE-GERMAINE-BOULÉ, QC J0Z 1M0	819-787-6082	DP HY SU XB	20 62 21 27	12 18

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
MARIE-CLAUDE MARCOUX BERGERIE MARIE DU SUD 1230 ROUTE GRONDIN ST-GILLES, QC G0S 2P0	418-888-3135	HY RV	217 304	
NATHALIE MAROIS 241 ROUTE 309 NORD FERME-NEUVE, QC J0W 1C0	819-587-4842	HY NC XB	1 3 323	
DAVID MASTINE FERME MAPLE STAR 63 ROUTE 243 RR 4, ST-FELIX-DE-KINGSEY, QC J0B 2T0	819-848-2538	SU XB	66 32	46
LARRY MASTINE 201 CHEMIN CRAIG DANVILLE, QC J0A 1A0	819-839-1720	SU	34	30
DYANE MERCIER & PIERRE ROBITAILLE BERGERIE DU BEAU BLOND 538 VINCELOTTE CAP ST-IGNACE, QC G0R 1H0	418-246-3613	HY OU	352 91	
SERGE MICHAUD 239 ROUTE 204 ST-DAMASE-DE-L'ISLET, QC G0R 2X0	418-359-3172	DP HY	19 45	9
COSSETTE MICHELLE FERME LOCHETTE 340 RANG DE VERSAILLES MONT ST-GREGOIRE, QC J0J 1K0	450-346-3389	BL DP HY RV SU XB	5 63 212 117 61 586	44 1 41
MARC MIMEAULT BERGERIE MIMEAULT 30 CHEMIN DU PETIT BOIS ST-STANISLAS-DE-KOSTKA, QC J0S 1W0	450-377-8209	DP HY XB	159 94 19	
JACINTHE MORNEAU & GILLES MICHAUD FERME GIJAMIKA 214 RANG DE L'EMBARRAS KAMOURASKA, QC G0L 1M0	418-492-5304	IF HY PO XB	2 20 2 433	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
DANIEL OUELLETTE AGNEAUX MITIS 1 CHEMIN GAUTHIER STE-ANGELE-DE-MERICI, QC G0J 2H0	418-775-2689	SU	42	7
MARIE-JOSÉE PAIEMENT BERGERIE LA MARIE BERGÈRE 27 CHEMIN GOSFORD NORD ST-JOSEPH-DE-HAM SUD, QC JOB 3J0	819-877-3508	HY XB	71 21	
GEORGES PARENT 2867-4570 QUÉBEC INC. FERME LA BERGERE ENR 293 RUE PRINCIPALE ST-GABRIEL-DE-RIMOUSKI, QC G0K 1M0	418-798-8272	HA SU	143 52	104 32
MEGGIE PARENT BERGERIE FLEURIAULT 154 RUE PRINCIPALE ST-GABRIEL-DE-RIMOUSKI, QC G0K 1M0	418-798-4315	DP HY RV	306 251 117	
SIMON PARENT 2867-4570 QUÉBEC INC. FERME LA BERGERE ENR 293 RUE PRINCIPALE ST-GABRIEL-DE-RIMOUSKI, QC G0K 1M0	418-798-4464	DP HY RV XB	3 564 255 59	
MATHIEU PERRON L'AMI BERGER 815 RANG 2 EST ST-PASCAL, QC G0L 3Y0	418-492-2322	HY NC TU XB	43 28 12 69	
CLAUDIA POULIN & FRÉDÉRIC BERTHIAUME FERME CHARMAX INC. 575 RANG ST-PATRICE ST-PATRICE-DE-BEAURIVAGE, QC G0S 1B0	418-596-3465	HY	345	
SONIA RIOUX & LUC-MARTIN DEROY FERME RIDO SENC 130 3E RANG E ST-ANNE-DE-LA POCATIÈRE, QC G0R 1Z0	418-856-5140	RI	679	370



Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
SOPHIE RODRIGUE FERME L'ART'SOP 2072 ROUTE 263 STE-CÉCILE-DE-WHITTON, QC G0Y 1J0	819-583-0580	DP HY RV XB	50 17 80 4	
DANIEL ROY LES MOUTONS DU ROY 1096 ASSOMPTION NORD ST-JOSEPH-DE-BEAUCE, QC G0S 2V0	418-397-5017	HY XB	104 154	
ANDREW SIMMS & DONNA COURCHESNE 310 FRONT ROAD SHAWVILLE, QC J0X 2X0	819-647-2502	XB	74	16
ERIC SMITH & FRANCE ROY 1545 ROUTE 101 NORD GUIGUES, QC J0Z 2G0	819-728-2543	HY RV	356 30	
DOMINIC SANSOUCY FERME LÉOFLORA INC. 330 RUISSEAY ST-LOUIS OUEST MARIEVILLE, QC J3M 1P1	450-460-7813	NC OX	138 18	
RÉAL ST-PIERRE 9167-7005 QUÉBEC INC. 666 RANG 4 EST ST-VALERIEN, QC G0L 4E0	418-736-4343	HY SU XB	165 84 32	
ANDRÉ TOULOUSE 698 ROUTE 108 ST-ALFRED, QC G0M 1L0	418-774-9592	DP HY RI XB	1 68 103 36	
DONALD TREMBLAY FERME DONALD TREMBLAY 30 ROUTE SAINTE CROIX ST-HILARION, QC G0A 3V0	450-379-5298	CD HY RI XB	4 4 243 571	
PAUL-ANDRÉ TREMBLAY FERME LA PETITE BERGÈRE 40 RANG SAINT MARIE LES EBOULEMENTS, QC G0A 2M0	418-635-1329	HY RI	165 414	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
JEAN VAILLANT FERME ROXOVINE 2253 CHEMIN WESTBROOK QUYON, QC J0X 2V0	819-458-2048	DP HY PO SU XB	3 2 2 5 113	
MICHEL VIENS FERME BEAUSOLEIL 210 RANG 4 EST ST-JOSEPH-DE-KAMOURASKA, QC G0L 3P0	418-493-2310	DP HY XB	149 170 580	
LÉDA VILLENEUVE FERME VIGO SENC 12 RANG 6 ST-ONÉSIME, QC G0R 3W0	418-856-2082	HY PO XB	76 65 468	

## Producer Participation in 2012 cont'd.

**Table 9. Canadian Performance Testing Summary for 2012, by Producer, omit ON and QC**

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
IAN ARMSTRONG CRESCENT MOON FARM 369 BENTELEY ROAD BERWICK, NS B0P 1E0	902-538-1722	XB	8	
COLIN BELL WINDERMERE FARM 306 WINDERMERE ROAD BERWICK, NS B0P 1E0	902-538-3588	IL	20	
JAMES & CECILE BLACKIE 8814 MAIN STREET FLORENCEVILLE-BRISTOL, NB E7L 3G2	506-392-6263	SU	79	
ALAN BROTHERS HEATHBELL FARM LTD. 627 HEATHBELL ROAD RR 2 SCOTSBURN, NS B0K 1R0	902-485-4609	DP FN HY	12 9 26	
IAN CLARK MEDICINE RIDGE FARM BOX 491 BENTELEY, AB T0C 0J0	403-748-2624	CD CO HY IF RI	91 18 9 46 165	
RALPH DALING DALAWAY FARMS LTD. RR 1 SCOTSBURN, NS B0K 1R0	902-485-5515	KA XB	157 64	
HARRY & VICKI ELSINGA BROOKWATER FARMS 3534 GRAHAM'S ROAD KENSINGTON, PEI C0B 1M0	902-439-5811	RI	134	
SHERRY FENSOM EWESASK SHEEP FARM BOX 641 ROSETOWN, SK S0L 2V0	306-882-2855	RI HY	101 9	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
NOËL LÉGER LEGER FARM 429 CORMIER VILLAGE ROAD CORMIER-VILLAGE, NB E4P 5W1	506-532-3534	IF RI	61 107	
MATTHEW LYNCH DRAGONFLY HOLLOW FARM 1439 SCOTSBURN ROAD RR 1 SCOTSBURN, NS B0K 1R0	902-351-2078	FN HY XB	22 26 19	
ARNE MARKO DOUBLE M FARM 4158 HIGHWAY 204 AMHERST, NS B4H 3Y1	902-447-3356	XB	6	
GREG MARSHALL VALLEY VIEW SHEEP FARM 900 HARMONY ROAD RR 5 KINGSTON, NS B0P 1R0	902-765-8028	DH HY RI XB	30 2 109 5	
WILLIAM MCNEIL SAULSBROOK FARM 5312 HIGHWAY 14 RR 1 WINDSOR, NS B0N 2T0	902-798-5509	SU	66	
ALANA PAON 3132 HIGHWAY 7 ANTIGONISH, NS B2G 2L3	902-223-4089	SU	27	
GLEN & KATHY PARKER PARKER STOCK FARM BOX 338 THREE HILLS, AB T0M 2A0	403-443-7220	SU	144	
MARC PYLE HARMONY RIDGE FARM 1688 MEADOWVALE ROAD RR 5 KINGSTON, NS B0P 1R0	902-242-2371	HI RI TX XB	8 17 1 29	
KARIN ROBERTSON NERIDA HERITAGE FARMSTEAD 1877 DAVIDSON STREET RR 1 WOLFVILLE, NS B4P 2R1	902-542-2282	CD HY RI XB	1 7 46 19	

Producer	Telephone	Breeds Tested	# of Lambs Home Tested	# of Lambs Ultra Sound Measured
DAN SINCLAIR & ILEANA WENGER HALF DIAMOND FARM BOX 615 BOWDEN, AB T0M 0K0	403-224-2463	CO HY RV XB	41 159 149 7	27
RYK TER BEEK LISLAND SUPER TEXEL 716 KENTYRE ROAD, ROUTE 250 NORTH WINSLOE, PEI C1E 2S7	902-628-6691	TX	94	
CHERYL WILLIAMS SHANT'S FARM 668 HIGHWAY 236 RR 2 NEWPORT, NS B0N 2A0	902-757-0262	KA HY XB	3 18 13	
MARGARETE ZILLIG 1384 NORTH RIVER ROAD RR 1 SCOTCH VILLAGE, NS B0N 2G0	902-757-3403	DP HY XB	66 35 40	



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