

**DOMESTIC DAIRY SEMEN SALES (1)****UNITS OF SEMEN**

<u>BREED</u>	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
HOLSTEIN	19,650,938	19,561,599	0.46%
JERSEY	2,960,434	2,747,482	7.75%
R&W/RED HOLSTEIN	316,688	290,478	9.02%
HOLSTEIN-RED CARRIER	231,157	111,572	107.18%
BROWN SWISS	104,754	108,071	-3.07%
AYRSHIRE	40,327	35,722	12.89%
GUERNSEY	30,534	29,865	2.24%
MILKING SHORTHORN	23,830	24,846	-4.09%
AMERICAN LINEBACK	5,458	6,608	-17.40%
DAIRY CROSSBREEDS	2,973	2,236	32.96%
OTHER DAIRY	271	937	-71.08%
TOTAL	<u>23,367,364</u>	<u>22,919,416</u>	<u>1.95%</u>

**DAIRY SEMEN IMPORT SALES (1)****UNITS OF SEMEN**

<u>BREED</u>	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
NORWEGIAN RED	98,169	77,262	27.06%
HOLSTEIN	92,890	80,224	15.79%
MONTBELIARDE	29,735	18,988	56.60%
SWEDISH RED	22,861	24,945	-8.35%
JERSEY	9,714	28,206	-65.56%
R&W/RED HOLSTEIN	8,966	6,708	33.66%
HOLSTEIN-RED CARRIER	4,495	6,981	-35.61%
MILKING SHORTHORN	2,654	30	8746.67%
DAIRY CROSSBREEDS	1,672	20,133	-91.70%
GUERNSEY	794	190	317.89%
AYRSHIRE	380	585	-35.04%
OTHER DAIRY	35	122	-71.31%
TOTAL	<u>272,365</u>	<u>264,374</u>	<u>3.02%</u>

**CUSTOM FROZEN DAIRY SEMEN (1)****UNITS OF SEMEN**

<u>BREED</u>	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
HOLSTEIN	1,770,507	2,083,844	-15.04%
JERSEY	373,445	301,341	23.93%
BROWN SWISS	155,193	162,316	-4.39%
HOLSTEIN-RED CARRIER	129,483	2,320	5481.16%
R&W/RED HOLSTEIN	26,113	11,805	121.20%
GUERNSEY	9,398	14,279	-34.18%
MONTBELIARDE	8,220	810	914.81%
DAIRY CROSSBREEDS	7,058	7,805	-9.57%
MILKING SHORTHORN	2,370	1,944	21.91%
AYRSHIRE	2,006	2,897	-30.76%
OTHER DAIRY	190	3,128	-93.93%
TOTAL	<u>2,483,983</u>	<u>2,592,489</u>	<u>-4.19%</u>

**DAIRY SEMEN EXPORT SALES (1)****UNITS OF SEMEN**

<u>BREED</u>	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
HOLSTEIN	17,924,655	15,473,157	15.84%
JERSEY	1,355,247	1,254,404	8.04%
R&W/RED HOLSTEIN	281,916	421,728	-33.15%
BROWN SWISS	215,212	207,499	3.72%
HOLSTEIN-RED CARRIER	129,764	136,919	-5.23%
AYRSHIRE	89,589	78,820	13.66%
GUERNSEY	11,780	13,173	-10.57%
MILKING SHORTHORN	5,145	5,437	-5.37%
OTHER DAIRY	1,351	284	375.70%
TOTAL	<u>20,014,659</u>	<u>17,591,421</u>	<u>13.78%</u>

**DAIRY SEMEN EXPORT SALES (2)****UNITS OF SEMEN**

	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
WORLD TOTAL	<u>19,677,211</u>	<u>17,810,000</u>	<u>10.48%</u>

**DAIRY SEMEN EXPORT SALES (2)****DOLLAR VALUE**

	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
WORLD TOTAL	<u>\$160,335,016</u>	<u>\$143,029,963</u>	<u>12.10%</u>

**DOMESTIC BEEF SEMEN SALES (1)****UNITS OF SEMEN**

<u>BREED</u>	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
ANGUS	1,517,977	1,322,793	14.76%
SIMMENTAL	208,243	156,869	32.75%
LIMOUSIN	153,701	63,102	143.58%
RED ANGUS	127,429	96,045	32.68%
POLLED HEREFORD	80,901	69,108	17.06%
HEREFORD	28,460	19,099	49.01%
CROSSBREEDS	17,264	22,853	-24.46%
CHAROLAIS	16,962	16,050	5.68%
GELBVIEWH	12,519	6,160	103.23%
MAINE ANJOU	11,915	11,329	5.17%
BRAHMAN	6,434	7,645	-15.84%
BRANGUS	6,150	2,610	135.63%
SHORTHORN	4,125	4,521	-8.76%
CHIANINA	3,358	1,714	95.92%
GYR	3,127	2,729	14.58%
WAGYU	2,664	2,042	30.46%
OTHER BEEF (a)	6,592	6,464	1.98%
TOTAL	<u>2,207,821</u>	<u>1,811,133</u>	<u>21.90%</u>

(a) Other Beef includes: Amerifax, Beefmaster, Belgian Blue, Belted Galloway, Black Hereford, Blonde D'Aquit., Brahmousin, Braunvieh, ChiAngus, Chi-Maine, Corriente, Devon, Dutch Belted, Galloway, Guzaret, Lowline (Loala), Murray Grey, Nellore, Normande, Parthenaise, Piedmontese, Pinzgauer, Red Brahman, Red Brangus, Red Poll, Salers, Scotch Highland, Scotch Shorthorn, Senapol, South Devon, Tarantaise, Texas Longhorn, White Park, and Misc. Beef.

**BEEF SEMEN IMPORT SALES (1)****UNITS OF SEMEN**

<u>BREED</u>	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
RED DANE	3,406	2,225	53.08%
SIMMENTAL-FLECKVIEH	672	1,387	-51.55%
NORMANDE	272	255	6.67%
MISC BEEF	89	1,741	-94.89%
TOTAL	<u>4,439</u>	<u>5,608</u>	<u>-20.85%</u>

**BEEF SEMEN EXPORT SALES (1)****UNITS OF SEMEN**

<u>BREED</u>	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
ANGUS	2,635,218	2,059,988	27.92%
RED ANGUS	318,293	323,789	-1.70%
POLLED HEREFORD	76,914	73,569	4.55%
SIMMENTAL	74,997	64,619	16.06%
BRANGUS	68,223	73,864	-7.64%
BRAHMAN (RED)	58,152	30,537	90.43%
BRAHMAN	49,791	47,038	5.85%
CHAROLAIS	49,324	42,599	15.79%
BRANGUS (RED)	20,545	22,603	-9.10%
GYR	10,398	10,120	2.75%
LIMOUSIN	6,702	5,733	16.90%
HORNED HEREFORD	2,831	2,770	2.20%
SENPOL	2,378	5,004	-52.48%
BELGIAN BLUE	1,145	1,670	-31.44%
SANTA GERTRUDIS	1,000	0	0.00%
OTHER BEEF (b)	<u>5,244</u>	<u>3,806</u>	<u>37.78%</u>
TOTAL	<u><u>3,381,155</u></u>	<u><u>2,767,709</u></u>	<u><u>22.16%</u></u>

(b) Other Beef includes: Beefmaster, Braunvieh, Chianina, Chi-Maine, Crossbreed, Galloway, Gelbvieh, Guzaret, Lowline (Loala), Maine-Anjou, Misc. Beef, Nellore, Normande, Piedmontese, Polled Shorthorn, Red Poll, Scotch Highland, Scotch Shorthorn, and Wagyu.

**BEEF SEMEN EXPORT SALES (2)****UNITS OF SEMEN**

	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
WORLD TOTAL	<u><u>3,375,051</u></u>	<u><u>2,766,325</u></u>	<u><u>22.00%</u></u>

**BEEF SEMEN EXPORT SALES (2)****DOLLAR VALUE**

	<u>2014</u>	<u>2013</u>	<u>%+/-</u>
WORLD TOTAL	<u><u>\$12,793,415</u></u>	<u><u>\$11,060,049</u></u>	<u><u>15.67%</u></u>

## CUSTOM FROZEN BEEF SEMEN (1)

### UNITS OF SEMEN

BREED	2014	2013	%+/-
ANGUS	1,077,954	919,181	17.27%
CROSSBREED	190,688	215,104	-11.35%
SIMMENTAL	178,035	199,500	-10.76%
LIMOUSIN	145,405	166,776	-12.81%
RED ANGUS	138,853	111,689	24.32%
MAINE ANJOU	126,205	152,889	-17.45%
POLLED HEREFORD	105,435	103,441	1.93%
CHAROLAIS	102,240	73,830	38.48%
WAGYU	77,313	52,163	48.21%
GELBVIEH	66,205	59,931	10.47%
HEREFORD	56,740	55,233	2.73%
BRAHMAN	55,737	25,245	120.78%
BEEFMASTER	49,857	51,572	-3.33%
DUTCH BELTED	43,335	4,411	882.43%
BRANGUS	38,368	64,473	-40.49%
AMERICAN BUCKING BULL	32,516	29,370	10.71%
CHIANINA	28,422	12,930	119.81%
SHORTHORN	26,340	29,437	-10.52%
SHORTHORN (SCOTCH)	17,877	16,631	7.49%
LOWLINE (LOALA)	15,190	13,165	15.38%
SENAPOL	14,816	30,538	-51.48%
SIMBRAH	14,155	3,068	361.38%
TEXAS LONGHORN	12,009	16,719	-28.17%
CHI-MAINE	10,663	7,458	42.97%
BRAHMAN (RED)	9,406	3,748	150.96%
SANTA GERTRUDIS	8,815	7,411	18.94%
SALERS	7,975	6,292	26.75%
RED BRANGUS	5,318	8,421	-36.85%
MASHONA	3,697	0	0.00%
BRAFORD	3,648	752	385.11%
TULI	3,339	0	0.00%
DEVON	2,909	6,945	-58.11%
RED POLL	2,709	1,952	38.78%
GALLOWAY	2,674	3,564	-24.97%
BLACK HEREFORD	2,548	1,698	50.06%
PIEDMONT	2,410	7,317	-67.06%
OTHER BEEF (c)	24,537	97,220	-74.76%
<b>TOTAL</b>	<b>2,704,343</b>	<b>2,560,074</b>	<b>5.64%</b>

(c) Other Beef includes: American Breed, Ankole Watusi, Barzona, Beef Friesian, Beefalo, Belgian Blue, Belted Galloway, Bonsmara, Brahmousin, Braunvieh, British White, Buelingo, Chi-Angus, Corriente, Dexter, Gyr, Irish Black, Montbeliarde, Murray Grey, Pinzgauer, Romagnola, Scotch Highland, South Devon, Tarentaise, White Park and Misc. Beef.

(1) Based on Quarterly Reports of Semen Sold and Custom Frozen

(2) Based on Quarterly Survey of Semen Sold for Export