

# **2001 Census of Agriculture**

## **Alberta Highlights**

Source: Statistics Canada, Census of Agriculture

Prepared by: Statistics and Data Development Unit, AAFRD

## Farm and Land Variables, Canada and Provinces, 1991-2001

	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
<b>Total Number of Farms</b>											
1991....	725	2,361	3,980	3,252	38,076	68,633	25,706	60,840	57,245	19,225	280,043
1996....	742	2,217	4,453	3,405	35,991	67,520	24,383	56,995	59,007	21,835	276,548
2001....	643	1,845	3,923	3,034	32,139	59,728	21,071	50,598	53,652	20,290	246,923
<b>% Change</b>											
'96/'91	2.3	-6.1	11.9	4.7	-5.5	-1.6	-5.1	-6.3	3.1	13.6	-1.2
'01/'96	-13.3	-16.8	-11.9	-10.9	-10.7	-11.5	-13.6	-11.2	-9.1	-7.1	-10.7
<b>% Share of Canada</b>											
1991....	0.3	0.8	1.4	1.2	13.6	24.5	9.2	21.7	20.4	6.9	100.0
1996....	0.3	0.8	1.6	1.2	13.0	24.4	8.8	20.6	21.3	7.9	100.0
2001....	0.3	0.7	1.6	1.2	13.0	24.2	8.5	20.5	21.7	8.2	100.0
<b>Total Land Area of Farms (acres)</b>											
1991....	117,011	639,693	981,086	928,205	8,474,751	13,470,653	19,088,868	66,386,074	51,425,111	5,911,605	167,423,057
1996....	108,320	655,365	1,055,941	953,873	8,540,488	13,879,565	19,106,531	65,653,588	51,964,360	6,249,444	168,167,475
2001....	100,271	646,137	1,005,833	958,899	8,443,656	13,507,357	18,784,407	64,903,830	52,058,898	6,392,909	166,802,197
<b>% Change</b>											
'96/'91	-7.4	2.4	7.6	2.8	0.8	3.0	0.1	-1.1	1.0	5.7	0.4
'01/'96	-7.4	-1.4	-4.7	0.5	-1.1	-2.7	-1.7	-1.1	0.2	2.3	-0.8
<b>% Share of Canada</b>											
1991....	0.1	0.4	0.6	0.6	5.1	8.0	11.4	39.7	30.7	3.5	100.0
1996....	0.1	0.4	0.6	0.6	5.1	8.3	11.4	39.0	30.9	3.7	100.0
2001....	0.1	0.4	0.6	0.6	5.1	8.1	11.3	38.9	31.2	3.8	100.0
<b>Average Farm Size (acres)</b>											
1991....	161	271	247	285	223	196	743	1,091	898	307	598
1996....	146	296	237	280	237	206	784	1,152	881	286	608
2001....	156	350	256	316	263	226	891	1,283	970	315	676
<b>Number of "Large Farms" (1,120 acres or more)</b>											
1991....	14	59	69	68	310	727	5,139	21,243	12,605	1,045	41,279
1996....	12	77	85	92	418	967	5,424	21,399	12,513	1,071	42,058
2001....	15	104	81	106	585	1,154	5,480	20,091	12,552	1,139	41,307
<b>% Change</b>											
'96/'91	-14.3	30.5	23.2	35.3	34.8	33.0	5.5	0.7	-0.7	2.5	1.9
'01/'96	25.0	35.1	-4.7	15.2	40.0	19.3	1.0	-6.1	0.3	6.3	-1.8
<b>"Large Farms" as a % of Total Number of Farms</b>											
1991....	1.9	2.5	1.7	2.1	0.8	1.1	20.0	34.9	22.0	5.4	14.7
1996....	1.6	3.5	1.9	2.7	1.2	1.4	22.2	37.5	21.2	4.9	15.2
2001....	2.3	5.6	2.1	3.5	1.8	1.9	26.0	39.7	23.4	5.6	16.7
<b>Total Land in Crops (acres)</b>											
1991....	15,503	380,796	262,503	302,079	4,048,706	8,430,414	11,764,813	33,257,706	22,961,142	1,375,873	82,799,535
1996....	17,742	420,971	277,658	333,611	4,296,697	8,759,707	11,611,844	35,579,845	23,590,033	1,397,970	86,286,078
2001....	20,843	433,641	294,596	367,898	4,571,296	9,035,915	11,650,599	37,994,752	24,038,861	1,525,986	89,934,387
<b>% Change</b>											
'96/'91	14.4	10.6	5.8	10.4	6.1	3.9	-1.3	7.0	2.7	1.6	4.2
'01/'96	17.5	3.0	6.1	10.3	6.4	3.2	0.3	6.8	1.9	9.2	4.2
<b>% Share of Canada</b>											
1991....	0.02	0.5	0.3	0.4	4.9	10.2	14.2	40.2	27.7	1.7	100.0
1996....	0.02	0.5	0.3	0.4	5.0	10.2	13.5	41.2	27.3	1.6	100.0
2001....	0.02	0.5	0.3	0.4	5.1	10.0	13.0	42.2	26.7	1.7	100.0

Source: Statistics Canada, Census of Agriculture

See footnotes at end of tables

## Census of Agriculture Profile for Alberta, 1981-2001

	1981	1986	1991	1996	2001	% of Total	% Chg. '01/'96
<b>Population of Alberta.....</b>	<b>2,237,724</b>	<b>2,365,830</b>	<b>2,545,555</b>	<b>2,696,826</b>	<b>2,974,807</b>	100.0	10.3
Rural Population.....	510,179	488,070	514,660	554,011	569,647	19.1	2.8
Urban Population.....	1,727,545	1,877,760	2,030,895	2,142,815	2,405,160	80.9	12.2
<b>Number of Census Farms (1).....</b>	<b>58,056</b>	<b>57,777</b>	<b>57,245</b>	<b>59,007</b>	<b>53,652</b>	-	-9.1
<b>Average Farm Size (acres).....</b>	<b>813</b>	<b>883</b>	<b>898</b>	<b>881</b>	<b>970</b>	-	10.1
<b>Distribution of Farms by Size (no.)</b>							
Under 10 acres.....	910	1,031	1,008	1,511	1,118	2.1	-26.0
10 - 69 acres.....	3,352	3,365	3,420	4,458	4,098	7.6	-8.1
70 - 239 acres.....	12,426	12,588	13,268	14,724	13,374	24.9	-9.2
240 - 399 acres.....	9,383	8,726	8,536	8,420	7,299	13.6	-13.3
400 - 559 acres.....	6,844	6,267	5,911	5,594	4,986	9.3	-10.9
560 - 759 acres.....	6,404	6,103	5,672	5,363	4,600	8.6	-14.2
760 - 1,119 acres.....	7,600	7,341	6,825	6,424	5,625	10.5	-12.4
1,120 acres and over.....	11,137	12,356	12,605	12,513	12,552	23.4	0.3
1,120 - 1,599 acres.....	4,978	5,164	5,188	4,845	4,382	8.2	-9.6
1,600 acres and over.....	6,159	7,192	7,417	7,668	8,170	15.2	6.5
<b>Total No. of Farms.....</b>	<b>58,056</b>	<b>57,777</b>	<b>57,245</b>	<b>59,007</b>	<b>53,652</b>	100.0	-9.1
<b>Farms Reporting Gross Farm Receipts of \$2,500 or More by Type (no.) (2)</b>							
Dairy.....	2,743	1,828	1,379	1,418	776	1.5	-45.3
Cattle (Beef).....	16,098	17,110	22,143	24,718	22,939	45.4	-7.2
Hog.....	1,402	1,635	1,653	1,149	848	1.7	-26.2
Poultry and Egg.....	622	533	412	527	446	0.9	-15.4
Wheat.....	7,378	8,504	6,015	5,243	3,718	7.4	-29.1
Grain and Oilseed (except wheat).....	16,493	15,403	12,659	10,343	9,327	18.4	-9.8
Field Crops (except grain and oilseed).....	1,122	1,187	2,540	3,825	4,725	9.3	23.5
Fruit.....	5	14	62	95	73	0.1	-23.2
Vegetable.....	70	105	80	68	70	0.1	2.9
Miscellaneous Specialty.....	1,574	1,944	3,730	4,794	5,495	10.9	14.6
Livestock Combination.....	2,515	1,399	1,775	1,448	1,165	2.3	-19.5
Other Combinations.....	1,142	2,081	995	998	998	2.0	0.0
<b>Total No. of Farms Classified.....</b>	<b>51,164</b>	<b>51,743</b>	<b>53,443</b>	<b>54,626</b>	<b>50,580</b>	100.0	-7.4
<b>Use of Land (acres)</b>							
<b>Total Area of Farms.....</b>	<b>47,218,170</b>	<b>51,040,463</b>	<b>51,425,111</b>	<b>51,964,360</b>	<b>52,058,898</b>	100.0	0.2
Total Land in Crops.....	20,858,765	22,641,092	22,961,142	23,590,033	24,038,861	46.2	1.9
Summerfallow.....	5,449,831	5,255,965	4,377,212	3,550,265	3,053,214	5.9	-14.0
Tame or Seeded Pasture (3).....	3,907,830	3,402,183	4,305,760	4,731,087	5,512,654	10.6	16.5
All Other Land.....	17,001,799	19,741,223	19,780,997	20,092,975	19,454,169	37.4	-3.2
<b>Farm Land Classified by Tenure (acres)</b>							
<b>Total Area of Farms.....</b>	<b>47,218,170</b>	<b>51,040,463</b>	<b>51,425,111</b>	<b>51,964,360</b>	<b>52,058,898</b>	100.0	0.2
Area Owned.....	30,663,075	29,785,690	30,467,667	31,344,893	30,701,572	59.0	-2.1
% of Total Area of Farms.....	64.9	58.4	59.2	60.3	59.0	-	-2.2
Area Rented or Leased From Others.....	16,555,090	21,254,773	20,957,444	20,619,467	21,357,326	41.0	3.6
% of Total Area of Farms.....	35.1	41.6	40.8	39.7	41.0	-	3.3
<b>Use of Selected Land Management Practices (acres) (4)</b>							
Commercial Fertilizer.....	13,603,578	16,938,768	15,690,907	17,375,043	16,556,173	-	-4.7
Herbicides.....	11,761,734	15,005,557	14,012,340	14,949,086	16,368,127	-	9.5
Insecticides or Fungicides.....	519,300	1,981,004	1,367,186	2,082,940	2,186,122	-	5.0

Source: Statistics Canada, Census of Agriculture

See footnotes at end of tables

## Census of Agriculture Profile for Alberta, 1981-2001 - Cont'd

	1981	1986	1991	1996	2001	% of Total	% Chg. '01/'96
<b>Total Land in Crops (acres).....</b>	<b>20,858,765</b>	<b>22,641,092</b>	<b>22,961,142</b>	<b>23,590,033</b>	<b>24,038,861</b>	100.0	1.9
% Change From Previous Census Year	10.5	8.5	1.4	2.7	1.9	-	-
<b>Selected Field Crops Grown (seeded acres)</b>							
<b>Grains.....</b>	<b>14,902,643</b>	<b>15,022,870</b>	<b>14,935,670</b>	<b>14,819,054</b>	<b>13,645,868</b>	56.8	-7.9
Total Wheat.....	6,705,436	7,601,700	7,714,992	7,324,846	6,852,596	28.5	-6.4
Spring Wheat (excluding durum).....	5,961,384	6,516,630	6,885,763	6,448,110	5,809,275	24.2	-9.9
Durum Wheat.....	506,002	638,807	745,179	781,627	962,906	4.0	23.2
Winter Wheat.....	238,050	446,263	84,050	95,109	80,415	0.3	-15.4
Oats for Grain (5).....	1,311,081	1,183,426	1,285,430	1,386,179	1,364,674	5.7	-1.6
Barley (6).....	6,432,958	5,892,677	5,404,324	5,775,824	4,902,090	20.4	-15.1
Mixed grains.....	145,436	122,398	360,757	226,374	404,174	1.7	78.5
Corn for Grain.....	11,402	7,235	8,670	2,559	5,018	0.0	96.1
Rye Total.....	292,999	213,601	161,253	102,865	117,138	0.5	13.9
Fall Rye.....	241,416	168,709	126,007	80,701	89,480	0.4	10.9
Spring Rye.....	51,583	44,892	35,246	22,164	27,658	0.1	24.8
Buckwheat.....	3,331	1,833	244	407	178	0.0	-56.3
<b>Oilseeds.....</b>	<b>1,558,241</b>	<b>2,891,727</b>	<b>3,056,282</b>	<b>3,188,142</b>	<b>2,702,432</b>	11.2	-15.2
Canola.....	1,455,205	2,802,720	2,982,130	3,151,296	2,660,509	11.1	-15.6
Flaxseed.....	102,345	84,572	70,506	34,082	40,219	0.2	18.0
Soybeans.....	272	x	797	1,059	88	0.0	-91.7
Sunflowers.....	419	4,435	2,849	1,705	1,616	0.0	-5.2
<b>Hay and Fodder Crops (7).....</b>	<b>4,229,075</b>	<b>4,330,864</b>	<b>4,357,124</b>	<b>4,765,965</b>	<b>6,232,188</b>	25.9	30.8
Corn for Silage.....	24,937	21,769	20,768	12,800	36,814	0.2	187.6
Total Tame Hay.....	3,480,670	3,734,112	4,256,445	4,753,165	6,195,374	25.8	30.3
Oats for Fodder.....	495,234	574,983	-	-	-	-	-
Other Fodder Crops.....	228,234	-	79,911	-	-	-	-
<b>Other Field Crops.....</b>	<b>111,981</b>	<b>149,070</b>	<b>319,694</b>	<b>474,081</b>	<b>903,406</b>	3.8	90.6
Potatoes.....	16,628	22,450	28,339	31,488	58,341	0.2	85.3
Mustard Seed.....	43,547	69,268	59,872	91,909	57,116	0.2	-37.9
Sugar Beets.....	35,535	29,668	35,075	36,231	29,726	0.1	-18.0
Dry Field Peas.....	7,409	14,630	167,056	286,037	608,217	2.5	112.6
Total Dry Field Beans.....	8,862	13,054	29,352	28,416	150,006	0.6	427.9
<b>Area of Vegetables Grown for Sale (excluding greenhouse vegetables)</b>							
<b>No. of Farms Reporting.....</b>	<b>431</b>	<b>478</b>	<b>483</b>	<b>594</b>	<b>509</b>	-	-14.3
Area in Acres.....	9,963	8,895	11,536	13,743	14,194	-	3.3
<b>Area of Greenhouse Products Grown for Sale (Area in Use)</b>							
<b>No. of Farms Reporting.....</b>	<b>379</b>	<b>405</b>	<b>424</b>	<b>600</b>	<b>569</b>	-	-5.2
Area in Square Feet.....	4,183,125	5,588,482	5,744,516	7,959,527	10,556,535	-	32.6
<b>Number of Livestock and Poultry on May 15, 2001</b>							
<b>Total Cattle and Calves (8).....</b>	<b>4,192,887</b>	<b>3,827,143</b>	<b>4,756,365</b>	<b>5,942,257</b>	<b>6,615,201</b>	100.0	11.3
Total Cows.....	1,533,311	1,445,760	1,741,632	2,119,719	2,183,332	33.0	3.0
Dairy Cows.....	165,528	124,204	105,905	102,830	84,044	1.3	-18.3
Beef Cows.....	1,367,783	1,321,556	1,635,727	2,016,889	2,099,288	31.7	4.1
Total Heifers.....	631,732	571,158	733,665	952,563	1,159,329	17.5	21.7
Bulls - One Year and Over.....	89,514	78,996	95,525	118,600	111,379	1.7	-6.1
Steers - One Year and Over.....	631,092	478,147	626,350	892,696	991,554	15.0	11.1
Calves - Under One Year.....	1,307,238	1,253,082	1,559,193	1,858,679	2,169,607	32.8	16.7
<b>Other Livestock and Poultry</b>							
Pigs.....	1,199,397	1,454,824	1,729,870	1,729,810	2,027,533	-	17.2
Sheep and Lambs.....	201,294	179,123	305,642	259,817	307,302	-	18.3
Horses and Ponies.....	118,708	135,025	109,237	149,960	159,962	-	6.7
Bison (Buffalo).....	-	-	-	22,782	79,731	-	250.0
Deer and Elk.....	-	-	-	10,687	39,635	-	270.9
Llamas and Alpacas.....	-	-	-	3,692	12,894	-	249.2
Total Hens and Chickens.....	9,190,525	8,852,415	8,702,434	9,485,635	12,175,246	-	28.4
Total Turkeys.....	903,252	763,485	812,849	842,798	864,438	-	2.6

Source: Statistics Canada, Census of Agriculture

See footnotes at end of tables

## Census of Agriculture Profile for Alberta, 1981-2001 - Cont'd

	1981	1986	1991	1996	2001	% of Total	% Chg. '01/'96
<b>Operating Arrangements of Farms (no.) (9)</b>							
Individual or Family Farm.....	50,169	47,862	35,875	35,938	30,409	56.7	-15.4
<b>Total Partnership.....</b>	<b>5,169</b>	<b>6,448</b>	<b>16,742</b>	<b>16,672</b>	<b>16,147</b>	30.1	-3.1
Partnership With a Written Agreement.....	1,446	1,654	2,455	2,664	2,135	4.0	-19.9
Partnership with No Written Agreement.....	3,723	4,794	14,287	14,008	14,012	26.1	0.0
<b>Total Corporation.....</b>	<b>2,459</b>	<b>3,063</b>	<b>4,307</b>	<b>6,209</b>	<b>7,096</b>	13.2	14.3
Family Corporation.....	2,269	2,864	3,663	5,248	6,124	11.4	16.7
Non-Family Corporation.....	190	199	644	961	733	1.4	-23.7
Other Types.....	259	404	321	188	239	0.4	27.1
<b>Total No. of Farms.....</b>	<b>58,056</b>	<b>57,777</b>	<b>57,245</b>	<b>59,007</b>	<b>53,652</b>	100.0	-9.1
<b>Use of a Personal Computer for Farm Management</b>							
No. of Farms Reporting Computer Use.....	-	1,739	7,011	13,491	21,813	-	61.7
% of Total Farms in Alberta.....	-	3.0	12.2	22.9	40.7	-	-
<b>Value of Farm Capital (in Current Dollars)</b>							
<b>Total Capital (\$'000).....</b>	<b>36,827,140</b>	<b>28,623,414</b>	<b>30,806,123</b>	<b>40,150,414</b>	<b>55,256,378</b>	100.0	37.6
Land and Buildings (10).....	29,961,159	20,773,519	21,291,475	28,733,732	38,872,514	70.3	35.3
Farm Machinery and Equipment (11).....	4,362,215	5,382,302	6,079,438	7,466,999	8,684,163	15.7	16.3
Livestock and Poultry.....	2,503,766	2,467,592	3,435,210	3,949,683	7,699,701	13.9	94.9
Average Per Reporting Farm (\$).....	634,338	495,412	538,145	680,435	1,029,903	-	51.4
<b>Gross Farm Receipts (in Current Dollars) (12)</b>							
<b>Total Receipts (\$'000).....</b>	<b>3,264,822</b>	<b>4,473,871</b>	<b>5,541,937</b>	<b>7,911,131</b>	<b>9,919,447</b>	-	25.4
Average Per Reporting Farm (\$).....	56,236	77,433	96,811	134,071	184,885	-	37.9
<b>Farms by Class of Gross Farm Receipts (no.)</b>							
<b>Under \$25,000.....</b>	<b>29,807</b>	<b>26,022</b>	<b>23,026</b>	<b>23,361</b>	<b>19,654</b>	36.6	-15.9
Under \$2,500.....	6,892	6,034	3,802	4,381	3,072	5.7	-29.9
\$2,500 - \$4,999.....	4,525	4,047	3,159	3,218	2,630	4.9	-18.3
\$5,000 - \$9,999.....	6,387	5,697	4,810	5,296	4,387	8.2	-17.2
\$10,000 - \$24,999.....	12,003	10,244	11,255	10,466	9,565	17.8	-8.6
<b>\$25,000 to \$49,999.....</b>	<b>11,049</b>	<b>9,842</b>	<b>9,950</b>	<b>9,057</b>	<b>8,335</b>	15.5	-8.0
<b>\$50,000 to \$99,999.....</b>	<b>9,873</b>	<b>10,549</b>	<b>10,681</b>	<b>9,689</b>	<b>8,526</b>	15.9	-12.0
<b>Over \$100,000.....</b>	<b>7,327</b>	<b>11,364</b>	<b>13,588</b>	<b>16,900</b>	<b>17,137</b>	31.9	1.4
\$100,000 - \$249,999.....	5,630	8,550	9,744	11,126	10,131	18.9	-8.9
\$250,000 - \$499,999.....	1,142	1,889	2,556	3,811	4,230	7.9	11.0
\$500,000 and Over.....	555	925	1,288	1,963	2,776	5.2	41.4
<b>Total No. of Farms Classified.....</b>	<b>58,056</b>	<b>57,777</b>	<b>57,245</b>	<b>59,007</b>	<b>53,652</b>	100.0	-9.1
<b>Farm Operating Expenses (in Current Dollars) (13)</b>							
<b>Total Expenses (\$'000).....</b>	<b>-</b>	<b>3,943,193</b>	<b>4,653,484</b>	<b>6,669,475</b>	<b>8,908,533</b>	-	33.6
Average Per Reporting Farm.....	-	68,248	81,291	113,029	166,043	-	46.9
<b>Selected Average Farm Operating Expenses Per Reporting Farm (\$)</b>							
Rent or Leasing Expenses (14).....	6,716	7,309	7,587	9,837	9,825	-	-0.1
Wages and Salaries.....	6,897	10,207	13,513	17,037	23,058	-	35.3
Fuel, Oil and Lubricants for Machinery(15)....	3,725	5,827	5,339	5,797	8,440	-	45.6
Fertilizer and Lime.....	6,318	8,949	8,410	13,825	16,251	-	17.5
Herbicides, Insecticides and Fungicides.....	2,149	4,294	5,180	7,801	12,138	-	55.6
Feed and Supplements.....	9,598	15,217	14,656	22,830	34,438	-	50.8
Total Custom Work, Contract Work and Machine Rental or Leasing (16).....	2,669	3,350	4,703	7,564	-	-	-
Custom Work and Contract Work.....	-	-	-	-	9,944	-	-
Machine Rental or Leasing.....	-	-	-	-	6,313	-	-
<b>Paid Agricultural Labour (17)</b>							
No. of Farms Reporting.....	17,950	24,978	22,483	23,890	21,218	-	-11.2
Weeks of Paid Labour.....	559,110	867,535	784,665	1,008,064	1,084,852	-	7.6
Average Weeks Paid Per Reporting Farm.....	31	35	35	42	51	-	21.4

Source: Statistics Canada, Census of Agriculture

See footnotes at end of tables

## **Footnotes - Census of Agriculture**

**(1)** In both 1996 and 2001, a census farm was defined as an agricultural operation producing at least one of the following products intended for sale: crops (field crops, tree fruits or nuts, berries or grapes, vegetables, seed); livestock (cattle, hogs, sheep, horses, exotic animals); poultry (hens, chickens, turkeys, exotic birds); animal products (milk, cream, eggs, wool, furs, meats); or other agricultural products (greenhouse or nursery products, Christmas trees, mushrooms, sod, honey and maple syrup). Farm operations producing only Christmas trees were included for the first time in the 1996 census.

**(2)** A farm is classified according to the predominant commodity produced. This is done by estimating the potential gross farm receipts from the inventories of crops and livestock reported on the census questionnaire. The commodity or group of commodities which account for 51 percent or more of the total gross farm receipts determines the farm type. Farm type classification only includes farms with gross farm receipts of \$2,500 or more.

**(3)** In 1996, the name and definition of tame or seeded pasture was changed from the previous census. In 1991, it was called "Improved Land for Pasture or Grazing." Consequently, some respondents may have reported differently in 1996 than in 1991, thereby affecting the comparability of those years.

**(4)** The data for land management practices are reported for the year preceding the census year. Operators can apply insecticides and fungicides to the same land. Therefore, the sum of the responses to the two questions in 1996 and 2001 are not comparable to the response to the single 1991 question which asked for the total area on which insecticides or fungicides were used. As in previous censuses, the area of land treated with herbicides, insecticides and fungicides is under-reported in 2001. The data, however, is still comparable to other years.

**(5)** Since 1991, the data reported are for total oats, since the questionnaire made no distinction between the oats for grain and the oats for fodder components of total oats.

**(6)** In 1981, the data reported pertain to barley for grain only.

**(7)** Since 1991, no distinction between oats for grain and oats for fodder has been made. In 1986, 1996, and 2001, the "Other Fodder Crops" are included in the data for "Total Tame Hay".

**(8)** The earlier census date in 1996 (May 14th) and in 2001 (May 15th) affect the comparability with previous censuses due to the lower percentage of calvings that would have taken place at this time compared to the first week of June, when previous censuses were taken.

**(9)** Since individual or family holdings were being over-reported in previous censuses, the order and wording of the questions on operating expenses were changed in 1996. While previous censuses asked if the operation was an "individual or family holding", the 1996 Census replaced this question with one asking if the operation was a "sole proprietorship".

**(10)** Since 1991, there are two separate questions on the value of land and buildings - one on rented properties and one on owned properties. Consequently, the total reported value of land and buildings in following censuses increased compared with earlier censuses, where some respondents had failed to include rented land.

**(11)** In 1991, agricultural operators reported the value of farm machinery and equipment located on their operations on Census Day, regardless of ownership. Since the 1996 census, operators have been asked to report the present market value of all farm machinery and equipment that they owned or leased on Census Day. This change in reporting limits comparability of these data.

**(12)** This refers to gross farm receipts of the operation in the preceding calendar year or for the last complete accounting (fiscal) year.

**(13)** This refers to the gross farm operating expenses of the operation in the preceding calendar year or for the last complete accounting (fiscal) year.

**(14)** In 2001, the name and definition of "Rent or Leasing Expenses" has changed to "Rental and Leasing of Land and Buildings". This change limits the comparability of the data between 2001 and previous censuses.

**(15)** In 2001, the name and definition of "Fuel, Oil and Lubricants for Machinery" has changed to "All Fuel Expenses". This change limits the comparability of the data between 2001 and previous censuses.

**(16)** In 2001, "Custom Work and Contract Work" and "Rental and Leasing of Farm Machinery, Equipment, and Vehicles" were classified as separate entities whereas in 1996, they were grouped together. This change limits the comparability of the data between 2001 and previous censuses.