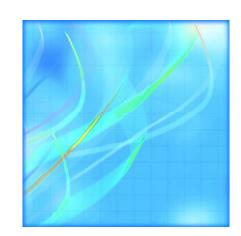


Catalogue no. 21-012-X

Farm Operating Expenses and Depreciation Charges

Agriculture Economic Statistics



November 2007



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Statistics Canada
Agriculture Division
Farm Income and Prices Section

Farm Operating Expenses and Depreciation Charges

Agriculture Economic Statistics

November 2007

Published by authority of the Minister responsible for Statistics Canada

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November 2007

Catalogue no. 21-012-X, vol. 6, no. 2

ISSN 1705-0928

Frequency: Semi-Annual

Ottawa

La version française de cette publication est disponible sur demande (nº 21-012-X au catalogue).

Note of appreciation

Canada owes the success of its statistical system to a long standing partnership between Statistics Canada, the citizens of Canada, its businesses, governments and other institutions. Accurate and timely statistical information could not be produced without their continued cooperation and goodwill.

User information

Symbols

The following standard symbols are used in Statistics Canada publications:

- . not available for any reference period
- .. not available for a specific reference period
- ... not applicable
- 0 true zero or a value rounded to zero
- 0s value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded
- p preliminary
- r revised
- x suppressed to meet the confidentiality requirements of the Statistics Act
- E use with caution
- F too unreliable to be published

Acknowledgements

This publication was prepared under the direction of:

- · Cindy Heffernan, Chief, Farm Income and Prices Section
- · Stephen Boyd, Head, Farm Expenses Unit
- Brian Biggs, Analyst, Farm Expenses Unit
- · Steve Partridge, Analyst, Farm Expenses Unit

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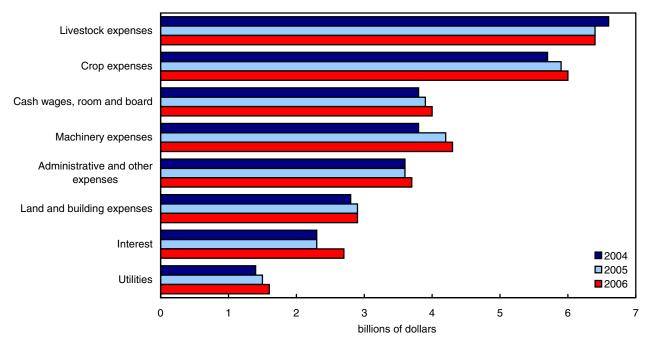
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Highlights

Operating expenses: Producers hit by increased interest charges, labour costs and fuel prices

Farm operating expenses were up 3.5% from 2005, the highest annual increase since 2001. Increases in interest rates, fuel prices and labour costs contributed, pushing up operating expenses to \$31.6 billion in 2006. However, last year's rise was marginally below the average percentage increase in expenses during the previous 10-year period (1996 to 2005).

Chart 1 Cash wages, crop and machinery expenses continue to increase in Canada in 2006



Analysis

Operating expenses: Producers hit by increased interest charges, labour costs and fuel prices

Farm operating expenses were up 3.5% from 2005, the highest annual increase since 2001. Increases in interest rates, fuel prices and labour costs contributed, pushing up operating expenses to \$31.6 billion in 2006. However, last year's rise was marginally below the average percentage increase in expenses during the previous 10-year period (1996 to 2005).

Interest expenses shot up 16.4%, the largest increase since 1981. Prime business rates jumped by over 30%, while one-year mortgage rates rose by more than 20% from their recent lows of the past couple of years. Farm debt continued to rise, increasing 4.3% in 2006, slightly below the average increase of 5.1% over the previous five-year period.

Although fuel price increases did moderate in 2006, price rises in diesel and gasoline were the major contributors to a 5.6% climb in machinery fuel costs. Labour costs continued their ascent, rising by 3.0% in 2006. Farm operators struggled to find workers in an increasingly tight labour market.

Manitoba producers incurred a 6.8% rise in operating expenses, the largest percentage increase in Canada. Added to factors already mentioned was an increase in crop expenses linked to a return to more normal levels of seeded acres. In 2005, seeded acres of field crops had declined by 9.3% as a result of excessive moisture that prevented planting in much of southeastern Manitoba.

Related products

Selected publications from Statistics Canada

21-007-X	Farm Product Price Index
21-010-X	Net Farm Income - Agriculture Economic Statistics
21-011-X	Farm Cash Receipts - Agriculture Economic Statistics
21-013-X	Value of Farm Capital - Agriculture Economic Statistics
21-014-X	Farm Debt Outstanding - Agriculture Economic Statistics
21-015-X	Direct Payments to Agriculture Producers - Agriculture Economic Statistics
21-016-X	Balance Sheet of the Agricultural Sector - Agriculture Economic Statistics
21-017-X	Agriculture Value Added Account - Agriculture Economic Statistics
21-018-X	Farm Business Cash Flows - Agriculture Economic Statistics
21-525-X	Understanding Measurements of Farm Income

Selected CANSIM tables from Statistics Canada

002-0001	Farm cash receipts, annual
002-0002	Farm cash receipts, quarterly
002-0005	Farm operating expenses and depreciation charges, annual
002-0009	Income of farm operators from farming operations, annual

Selected surveys from Statistics Canada

3437	Farm Cash Receipts
3439	National Farm Survey
3473	Net Farm Income

Selected summary tables from Statistics Canada

- · Net farm income
- · Net farm income, by province
- Farm cash receipts
- Farm cash receipts (quarterly)
- · Income of farm operators, by province

Statistical tables

Table 1-1
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1981

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	28	1,118	1,651	1,666	31,381	104,247	42,181	102,353	56,118	11,652	352,395
Cash rent Share rent	194 10	3,093 201	1,687 60	1,299 65	16,259 992	101,040 28,809	54,135 28,219	97,366 147,563	80,275 89,309	16,848 2,975	372,196 298,203
Cash wages	3,766	15,195	26,162	20,627	151,256	385,877	61,729	121,099	158,693		1,056,028
Room and board	11	97	259	62	3,042	7,041	1,447	2,884	5,841	1,691	22,375
Interest	1,524 377	14,834 2,305	15,742 3,713	20,585 3,005	348,626 50,593	689,596 66.753	210,582 21,940	448,706 38,225	557,713 50.652		2,509,916
Repairs to buildings Repairs to fences	81	424	662	393	7,092	10,281	4,991	13,630	21,084	11,071 3,514	248,634 62,152
Electricity	542	2,767	3,503	3,141	52,940	66,580	21,400	31,241	39,648	11,706	233,468
Telephone	128	610	1,047	821	9,270	18,048	5,584	13,626	15,000	4,292	68,426
Heating fuel Machinery fuel	460 975	621 8,307	2,426 9,090	1,706 9.740	22,148 80,657	68,936 185,331	8,698 134,716	15,760 301,517	28,418 264,627	5,599 37,973	154,772 1,032,933
Machine repairs and other	795	10,502	9,988	11,575	111,921	219,532	116,460	274,561	263,454	42,293	1,061,081
Business insurance	393	1,313	1,615	1,890	46,497	57,929	14,463	28,793	32,889	9,634	195,416
Custom work Stabilization premiums	332 0	1,176 6	2,727 6	1,164 0	42,822 8,637	34,049 3,261	17,435 12,646	23,801 34,248	20,936 15,314	8,691 16,321	153,133 90,439
Crop and hail insurance	2	1.078	201	406	5,136	15,660	21,049	87,685	37,140	2,095	170.452
Fertilizer	949	14,191	8,142	11,118	124,091	262,010	162,959	198,928	280,275	23,692	1,086,355
Lime	61	2,612	972	870 5.161	8,708	2,063 120.997	01 007	0 129,411	0 98,718	1,358	16,644 483.508
Pesticides Commercial seed	186 266	5,654 2,473	2,967 3,222	3,104	29,375 51,899	120,997	81,807 36,984	39,129	30,429	9,232 12,552	306,986
Irrigation	0	0	0	0	0	0	0	475	8,596	2,031	11,102
Twine, wire and containers	337	2,552	1,784	1,448	18,889	29,825	5,114	8,141	10,922	6,384	85,396
Commercial feed Livestock and poultry purchases	13,987 s 2,481	17,998 1,022	65,259 5,120	45,605 2,784	680,397 54,034	665,341 250,147	116,419 34,987	100,084 24,085	274,901 136,933	175,937 22,470	2,155,928 534,063
Artificial insemination and	2,401	1,022	0,120	2,704	04,004	200,147	04,007	24,000	100,000	22,410	304,000
veterinary fees	105	1,601	2,330	1,481	36,250	54,906	8,260	15,198	28,439	9,500	158,070
Other	750	4,071	5,040	3,571	69,536	165,626	39,027	79,311	96,333	31,897	495,162
Total gross operating expenses	28,740	115,821	175,375	153,287	2,062,448	3,740,813	1,263,232	2,377,820	2,702,657	795,040	13,415,233
Rebates											
Property taxes	0	0	0	0	16,316	46,350	9,525	12,556	0	0	84,747
Cash wages	0	0	1 000	0.214	67.027	0	0	0	10 540	10 200	
Interest Electricity	0	0	1,008 0	2,314 0	67,837 0	0	0	0		12,399 0	96,101 0
Heating fuel	0	Ö	Õ	Õ	Ö	Ö	Ö	Ö	280	Ö	280
Machinery fuel	38	92	119	177	2,607	11,246	2,419	19,807	4,631	513	41,649
Fertilizer Lime	0	0 707	1,500 0	0	60 1,801	0	0	0		0	1,560 2,508
Pesticides	ŏ	0	0	0	0	Ő	Ö	ő	0	Ö	0
Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed Artificial insemination and	0	0	0	0	0	0	0	0	0	0	0
veterinary fees Livestock purchases	0	0	0	0	0	0	0	0	0	0	0
Total rebates	38	799	2,627	2,491	88,621	57,596	11,944	32,363	17,454	12,912	226,845
Operating expenses after											
rebates	28,702	115,022	172,748	150,796	1,973,827	3,683,217	1,251,288	2,345,457	2,685,203	782,128	13,188,388
Depreciation on buildings Depreciation on machinery	748 1,170	3,396 14,713	7,896 14,716	4,004 13,916	64,586 176,342	195,833 414,686	25,889 225,117	67,211 607,385	128,101 543,574	37,190 66,210	534,854 2,077,829
Total depreciation	1,918	18,109	22,612	17,920	240,928	610,519	251,006	674,596	671,675	103,400	2,612,683
Total expenses before rebates	30,658	133,930	197,987	171,207	2,303,376	4,351,332	1,514,238	3,052,416	3,374,332	898,440	16,027,916
Total rebates	38	799	2,627	2,491	88,621	57,596	11,944	32,363	17,454	12,912	226,845
Total expenses after rebates	30,620	133,131	195,360	168,716	2,214,755	4,293,736	1,502,294	3,020,053	3,356,878	885,528	15,801,071

Table 1-2 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1982

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	30	1,236	1,632	1,688	31,668	114,487	45,675	112,210	65,646	12,233	386,505
Cash rent	199	3,471	1,736	1,465	22,645	110,858	55,708	100,762	82,441	18,656	397,941
Share rent Cash wages	10 4,448	229 17,156	74 29,497	75 24,080	1,389 192,130	30,096 426,587	33,057 75,127	137,575 140,551	86,896 196,835	3,509 129,944	292,910 1,236,355
Room and board	12	109	344	121	3,890	7,303	1,705	2,729	6,062	1,894	24,169
Interest	1,616	15,309	16,801	20,244	385,610	615,529	189,380	440,300	532,412		2,402,617
Repairs to buildings	425	2,503	4,032	3,263	49,615	74,937	23,587	35,303	49,504	12,972	256,141
Repairs to fences	74	391	600	435	6,865	10,993	4,495	8,503	21,980	3,634	57,970
Electricity Telephone	621 115	3,090 694	3,839 1,218	3,553 948	54,843 9,707	73,871 19,799	23,737 5,860	37,441 15,327	42,835 16,000	15,013 4,743	258,843 74,411
Heating fuel	548	750	3,148	2,160	26,290	79,425	10,403	20,024	34,256	8,050	185,054
Machinery fuel	1,193	10,192	11,001	11,560	100,879	216,701	155,597	366,237	281,277	47,819	1,202,456
Machine repairs and other	880	11,033	10,807	11,928	120,099	228,514	119,948	286,093	260,357	49,996	1,099,655
Business insurance	393	1,542	2,119	2,350	56,169	63,545	16,388	32,297	33,916	11,050	219,769
Custom work	339 0	1,529 380	2,784 750	1,212 314	46,633 13,836	38,987 2,537	11,353 9,939	28,329 37,949	16,689 21,378	11,523 33,294	159,378
Stabilization premiums Crop and hail insurance	3	1,047	234	452	6,379	19,642	26.007	96,398	38,380	2,403	120,377 190,945
Fertilizer	934	14,633	8,264	11,652	126,974	265,054	167,540	212,853	288,387	26,020	1,122,311
Lime	62	2,694	995	919	8,310	1,962	0	0	0	1,453	16,395
Pesticides	196	6,247	3,191	5,605	32,147	128,614	88,336	145,181	116,082	10,613	536,212
Commercial seed	301	2,566	3,304	3,130	55,838	124,437	39,542	34,703	32,189	12,470	308,480
Irrigation Twine, wire and containers	0 395	0 2,821	0 2,209	1 572	0 23,773	0 25 270	6 193	627 8,616	9,299 13,185	2,072 7,226	11,998
Commercial feed	13,564	17.091	69,761	1,572 46,290	676.159	35,370 651,420	6,183 108,450	86,931	271,746		101,350 2,115,229
Livestock and poultry purchases		2,974	5,225	2,265	52,749	316,929	32,585	23,212		23,386	596,477
Artificial insemination and	-,	_,	-,	_,	,-	,	,	,	,	,	,
veterinary fees	129	1,911	2,797	1,910	42,097	59,679	10,128	15,500	30,201	12,197	176,549
Other	812	4,380	5,685	3,995	75,705	175,167	40,784	85,409	101,676	41,612	535,225
Total gross operating expenses	30,545	125,978	192,047	163,186	2,222,399	3,892,443	1,301,514	2,511,060	2,783,535	863,015	14,085,722
Rebates											
Property taxes	0	0	0	0	19,840	50,378	9,513	12,871	0	0	92,602
Cash wages						45.050	4 705				
Interest	0	0	1,160 0	0	112,104 0	15,050 0	1,785 0	0	22,775 0	8,075 0	160,949 0
Electricity Heating fuel	0	0	0	0	0	0	0	0	680	0	680
Machinery fuel	17	109	112	184	2,998	11,964	2,337	2,710		521	26,143
Fertilizer	0	0	1,584	0	2	0	0	0	0	0	1,586
Lime	0	766	0	0	1,141	0	0	0		0	1,907
Pesticides	0	0	0	0	0	0	0	0	0	0	0
Commercial seed Commercial feed	0	0	0	0	0	0	0	0	0	0	0
Artificial insemination and	O	· ·	Ū	U	O	O	O	O	Ū	Ü	O
veterinary fees	0	0	0	0	0	0	0	0	0	0	0
Livestock purchases											
Total rebates	17	875	2,856	184	136,085	77,392	13,635	15,581	28,646	8,596	283,867
Operating expenses after rebates	30,528	125,103	189,191	163,002	2,086,314	3,815,051	1,287,879	2,495,479	2,754,889	854,419	13,801,855
										-	536,215
Depreciation on buildings Depreciation on machinery	665 1,248	3,204 15,356	7,919 16,023	4,022 14,095	67,866 191,469	190,799 437,274	24,253 250,096	74,025 666,180	128,789 592,323	34,673 69.252	2,253,316
Total depreciation	1,913	18,560	23,942	18,117	259,335	628,073		740,205			2,789,531
Total expenses before rebates	32,458	144,538	215,989				1,575,863	•	•		16,875,253
Total rebates	17	875	2,856	184	136,085	77,392	13,635	15,581	28,646	8,596	283,867
iotal lebates			_,000	104	130,003	11,392	10,000	10,001	20,040	0,590	200,007

Table 1-3
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1983

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	32	1,187	1,614	1,698	31,640	109,280	47,120	111,833	62,915	10,669	377,988
Cash rent Share rent	206 11	3,660 396	1,832 95	1,519 104	24,067 1,832	123,852 31,141	58,813 33,346	104,761 143,212	99,780 82,835	18,630 3,266	437,120 296,238
Cash wages	4,642	21,038	34,709	25,703	219,053	449,439	73,521	155,575	208,790		1,332,738
Room and board	11	105	418	89	3,420	7,580	1,471	2,586	5,933	2,065	23,678
Interest	1,777	14,081	15,275	15,038	299,287	484,688	169,374	423,121	447,994		1,997,547
Repairs to buildings Repairs to fences	455 78	2,628 332	4,234 463	3,542 231	51,371 7,114	81,600 10,085	21,561 4,710	35,621 9,075	45,648 18,626	13,560 2,281	260,220 52,995
Electricity	704	3,620	4,592	3,761	60,921	78,404	25,537	41,616	46,303	16,189	281,647
Telephone	120	727	1,233	977	10,081	20,928	6,543	16,644	16,594	5,217	79,064
Heating fuel	568 1,251	836 11,035	3,627 11,609	1,857 11,898	29,755 105,754	80,983 219,030	9,985 169,478	22,379 394,539	34,565 299,279	8,657 51,255	193,212 1,275,128
Machinery fuel Machine repairs and other	932	11,033	11,009	12,340	129,747	232,820	125,478	305,800	279,585	50,296	1,159,536
Business insurance	389	1,574	2,331	2,562	60,407	68,340	17,672	35,328	35,030	11,503	235,136
Custom work	350	1,537	2,873	1,247	42,770	50,672	9,893	41,036	14,205	11,309	175,892
Stabilization premiums Crop and hail insurance	0	86 1.100	121 220	8 977	19,493 11,970	682 21,323	19,903 28,182	45,002 103,943	23,151 66,616	30,223 2,464	138,669 236,797
Fertilizer	884	14,100	8,108	11.406	133,259	246,496	188,069	266,705	315,028	26,395	1.210.450
Lime	61	2,546	966	893	7,913	1,819	0	0	0	1,395	15,593
Pesticides	206	6,723	3,362	5,929	32,091	133,697	96,046	172,329	124,780	11,568	586,731
Commercial seed Irrigation	330 0	2,443 0	3,396 0	3,160 0	68,143 0	140,540 0	44,985 0	43,671 731	36,116 10,121	11,849 2,112	354,633 12,964
Twine, wire and containers	450	3,434	2,505	1,687	26,302	36,596	6,213	8,763	13,763	8,102	107,815
Commercial feed	13,620	18,203	71,605	45,790	649,492	647,898	124,367	73,086	244,177		2,060,904
Livestock and poultry purchases	3,217	4,224	5,269	2,352	51,472	322,897	28,488	24,840	127,903	26,794	597,456
Artificial insemination and veterinary fees	137	1,953	2,890	2,015	45,297	63,638	10,518	16.946	32,129	12,566	188.089
Other	843	4,591	6,112	4,120	75,249	173,542	43,625	93,201	105,209	40,334	546,826
Total gross operating expenses	31,276	133,458	200,698	160.903	2,197,900	3.837.970	1.364.898	2.692.343	2.797.075	818.545	14,235,066
Rebates	01,210	,	_00,000	.00,000	_,,	0,001,010	.,00.,000	_,00_,010	_,, , ,	0.10,0.10	,,
Property taxes	0	0	0	0	20,610	54,075	9,237	13,115	0	0	97,037
Cash wages						01,070					
Interest	0	0	1,130	0	70,210	3,200	2,049	3,308	56,121	6,872	142,890
Electricity Heating fuel	0	0	0	0	0	0	0	0	0 2,328	0	0 2,328
Machinery fuel	13	99	90	144	4,126	14,367	2,216	2,514	4,423	426	28,418
Fertilizer	0	0	1,592	0	0	0	0	0	0	0	1,592
Lime	0	641	0	0	597	0	0	0	0	0	1,238
Pesticides Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed	ŏ	Ö	ő	0	Ő	ő	0	0	0	Ö	ő
Artificial insemination and											
veterinary fees Livestock purchases	0	0	0	0	0	0	0	0	0	0	0
Total rebates	13	740	2,812	144	95,543	71,642	13,502	18,937	62,872	7,298	273,503
Operating expenses after											
rebates	31,263	132,718	197,886	160,759	2,102,357	3,766,328	1,351,396	2,673,406	2,734,203	811,247	13,961,563
Depreciation on buildings Depreciation on machinery	630 1,277	3,343 14,648	8,332 16,729	4,231 14,027	70,215 190,233	176,063 441,439	24,424 259,327	73,721 696,005	121,051 604,749	35,976 70,558	517,986 2,308,992
Total depreciation	1,907	17,991	25,061	18,258	260,448	617,502	283,751	769,726	725,800	106,534	2,826,978
Total expenses before rebates	33,183	151,449	225,759	179,161	2,458,348	4,455,472	1,648,649	3,462,069	3,522,875	925,079	17,062,044
Total rebates	13	740	2,812	144	95,543	71,642	13,502	18,937	62,872	7,298	273,503
			, -		00,040	,	.0,002	.0,00.	02,012	1,230	210,000

Table 1-4 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1984

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	40	1,209	1,580	1,788	29,113	116,582	48,484	126,145	65,623	10,532	401,096
Cash rent Share rent	203 12	3,856 505	1,917 118	1,567 121	21,418 2,106	116,457 31,116	67,678 30,694	105,518 137,447	120,112 77,740	18,095 3,194	456,821 283,053
Cash wages	5,386	22.423	39,523	27,428	223.547	464,351	84,996	168,521	217,790		1,408,068
Room and board	14	116	345	124	4,932	7,582	1,345	2,512	6,583	1,859	25,412
Interest	1,971	14,487	16,391	16,544	312,919	498,249	177,900	455,171	475,713		2,098,869
Repairs to buildings	456	2,596	4,441	3,338	50,986	84,019	23,650	34,433	45,402	16,201	265,522
Repairs to fences	77 739	286 4,157	474	224 4,026	8,997 64,223	10,384 92,028	4,354 28.104	9,126 49,218	19,328 54,290	2,740 19,276	55,990 320,929
Electricity Telephone	124	785	4,868 1,241	981	9,786	22,026	6,654	18,276	17,265	5,405	82,524
Heating fuel	588	1,078	3,975	2,108	33,431	91,972	9,957	26,059	40,624	9,173	218,965
Machinery fuel	1,373	11,413	11,779	12,583	111,249	231,464	170,178	390,767	303,823	51,488	1,296,117
Machine repairs and other	1,023	11,245	12,009	12,842	134,210	243,501	130,076	289,839	268,338	48,787	1,151,870
Business insurance	419	1,663	2,397	2,671	59,764	71,604	18,446	38,791	39,355	11,526	246,636
Custom work	371	1,742	3,111	1,378	40,890	47,611	8,030	26,937	29,830	8,358	168,258
Stabilization premiums Crop and hail insurance	0 2	0 1,180	0 223	0 1,192	34,412 7,973	2,080 21,360	18,792 33,826	35,729 106,110	20,456 71,423	31,296 3,163	142,765 246,452
Fertilizer	926	14,817	8,616	11,100	137,609	285,550	211,073	299,510	336,070	29,179	1,334,450
Lime	66	2,640	1,054	972	8,765	2,083	0	0	0	1,448	17.028
Pesticides	212	7,159	3,653	6,110	33,321	137,481	107,431	197,158	141,001	13,185	646,711
Commercial seed	399	2,893	3,969	2,361	72,649	137,703	49,578	53,664	40,910	12,762	376,888
Irrigation	_ 0	0	0	0	0	0	0	820	10,763	2,112	13,695
Twine, wire and containers	511	3,889	2,948	1,857	28,537	38,956	6,145	8,893	14,848	10,077	116,661
Commercial feed	15,409 3,817	20,142	72,569	47,566 3 164	628,705	687,149	148,844	97,020	326,086		2,244,796
Livestock and poultry purchases Artificial insemination and	5 3,017	3,164	5,926	3,164	54,599	309,991	26,510	11,526	158,047	25,638	602,382
veterinary fees	151	2,062	2,976	2,189	46,022	64,688	13,176	19,081	36,376	13.377	200,098
Other	960	4,765	6,645	4,549	78,699	184,893	47,970	98,960	117,789	44,124	589,354
Total gross operating expenses	35,249	140,272	212,748	168,783	2,238,862	4,000,861	1,473,891	2,807,231	3,055,585	877,928	15,011,410
Rebates											
Property taxes	0	0	0	0	22,978	71,620	9,110	20,820	0	0	124,528
Cash wages								40.00=			
Interest	0	0	1,153	0	65,087	2,894	6,448	10,887	48,933	10,981	146,383
Electricity	0	0	0	0	0	0	0	0	0 3,045	0	0 3,045
Heating fuel Machinery fuel	10	93	86	163	4,281	14,295	2,186	3,417	4,145	443	29,119
Fertilizer	0	0	1,577	0	0	0	2,100	0,417	0	0	1,577
Lime	0	698	0	Ō	710	Ō	0	Ō		0	1,408
Pesticides	0	0	0	0	0	0	0	0	0	0	0
Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed	0	0	0	0	0	0	0	0	0	0	0
Artificial insemination and veterinary fees	0	0	0	0	0	3,175	0	0	0	0	3,175
Livestock purchases						3,173					3,173
Total rebates	10	791	2,816	163	93,056	91,984	17,744	35,124	56,123	11,424	309,235
Operating expenses after rebates	35,239	139,481	209,932	168 620	2 1/15 806	3 908 877	1 456 147	2 772 107	2 999 462	866 504	14 702 175
	30,239						1,456,147	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,333,402	000,004	14,702,175
Depreciation on buildings Depreciation on machinery	577 1,356	3,310 15,012	8,417 17,698	4,411 15,341	69,482 193,414	170,878 428,951	23,990 259,157	71,774 720,301	111,688 597,768	34,893 70,215	499,420 2,319,213
Total depreciation	1,933	18,322	26,115	19,752	262,896	599,829	283,147	792,075			2,818,633
Total expenses before rebates	37,182	158,594	238,863	188,535	2,501,758	4,600,690	1,757,038	3,599,306	3,765,041	983,036	17,830,043
Total rebates	10	791	2,816	163	93,056	91,984	17,744	35,124	56,123	11,424	309,235
Total expenses after rebates	37,172	157,803	236,047		2,408,702						

Table 1-5
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1985

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	57	1,293	1,581	1,830	29,424	125,793	47,111	125,261	66,630	10,591	409,571
Cash rent	164 11	4,031	1,983 147	1,611	20,546 2,361	113,777 30,312	68,342 36,219	105,026 134,687	104,004 79.010	19,095 3,207	438,579 286.755
Share rent Cash wages	6,071	666 22,462	40,558	135 30,760	244,156	524,743	97,587	184,513	248,096		1,566,010
Room and board	17	149	342	132	5,077	8,658	1,428	2,929	6,932	1,854	27,518
Interest	1,845	12,786	16,061	18,524	312,899	494,952	177,428	446,303	477,627		2,086,254
Repairs to buildings Repairs to fences	481 80	2,420 299	4,414 480	3,395 257	51,156 9,027	89,761 10,802	23,632 4,958	31,836 6,808	43,852 18.473	15,522 2,682	266,469 53.866
Electricity	794	4,322	5,225	4,247	69,238	107,086	32,093	54,243	62,769	22,465	362,482
Telephone	136	803	1,230	948	9,696	24,553	7,072	20,546	18,864	5,459	89,307
Heating fuel Machinery fuel	618 1,381	1,283 11,545	4,065 11,851	2,317 12,450	31,362 118,047	96,090 236,101	16,606 167,343	40,538 391,334	45,148 312,778	13,039 51,628	251,066 1,314,458
Machine repairs and other	1,126	12,096	12,005	12,526	140,277	258,864	138,107	305,355	290,743	51,256	1,222,355
Business insurance	444	1,830	2,453	2,802	62,586	79,747	18,897	41,430	42,995	11,575	264,759
Custom work Stabilization premiums	384 0	2,058 0	2,679 0	1,645 0	40,632 44,392	62,950 6,033	13,998 21,606	21,310 29,502	24,175 9,553	7,061 23,833	176,892 134,919
Crop and hail insurance	4	1,246	225	1,280	11,647	20,870	38,971	125,264	73,093	4,178	276,778
Fertilizer	904	15,922	8,742	11,417	141,604	291,212	219,153	310,925		36,488	1,371,910
Lime	67	2,527	1,059	981	8,671	2,100	111 000	0	150.048	1,829	17,234
Pesticides Commercial seed	233 451	7,958 2,751	3,737 3,782	6,159 2,921	36,024 84,326	141,906 141,474	111,902 48,817	221,930 51,177	150,048 45,300	14,606 15,477	694,503 396,476
Irrigation	0	0	0,702	0	0 1,020	0	0	884	10,107	2,129	13,120
Twine, wire and containers	608	4,463	3,292	2,269	27,685	47,135	6,527	8,866	16,611	11,195	128,651
Commercial feed Livestock and poultry purchases	16,811 4,215	19,996 4,135	66,865 5,918	49,570 2,752	633,757 57,808	642,031 322,029	144,324 24,564	117,451 12,306	330,567 138,470	190,423 24,502	2,211,795 596,699
Artificial insemination and	7,210	4,100	3,310	2,102	37,000	322,029	24,504	12,300	150,470	24,502	330,033
veterinary fees	192	2,058	3,010	2,346	50,443	67,519	12,294	18,385	38,185	13,374	207,806
Other	1,057	4,879	6,675	5,000	79,663	192,030	50,698	104,418	122,350	44,880	611,650
Total gross operating expenses	38,151	143,978	208,379	178,274	2,322,504	4,138,528	1,529,677	2,913,228	3,111,923	893,241	15,477,883
Rebates											
Property taxes	0	0	0	0	23,864	76,352	8,982	3,103	0	0	112,301
Cash wages	0	0	 1,174		60.011	27 457	6 720	17 117	20 202	 E 01E	166.005
Interest Electricity	0	0	1,174	0	60,911 0	37,457 0	6,738 0	17,117 0	38,293 0	5,215 0	166,905 0
Heating fuel	0	0	0	0	0	0	0	0	3,668	0	3,668
Machinery fuel	13	162	114	293	4,039	14,680	3,218	6,409	9,330	748	39,006
Fertilizer Lime	0	0 567	1,565 0	0	0 721	0	0	0		0	18,090 1,288
Pesticides	Ö	0	Ő	Õ	0	Ö	Ö	Ö	2,585	Ö	2,585
Commercial seed	0	0	0	0	0	0	0	0	40.000	0	40.000
Commercial feed Artificial insemination and	0	0	0	0	0	0	0	0	13,238	0	13,238
veterinary fees Livestock purchases	0	0	0	0	0	5,571 	0	0		0	5,571
Total rebates	13	729	2,853	293	89,535	134,060	18,938	26,629	83,639	5,963	362,652
Operating expenses after											
rebates	38,138	143,249	205,526	177,981	2,232,969	4,004,468	1,510,739	2,886,598	3,028,284	887,278	15,115,230
Depreciation on buildings Depreciation on machinery	540 1,384	3,451 15,092	8,650 17,932	4,621 15,550	66,734 190,682	157,101 419,471	23,381 243,325	66,114 701,137		33,503 70,190	468,766 2,275,614
Total depreciation	1,924	18,543	26,582	20,171	257,416	576,572	266,706	767,251	705,522	103,693	2,744,380
Total expenses before rebates	40,075	162,521	234,961	198,445	2,579,920	4,715,100	1,796,383	3,680,479	3,817,445	996,934	18,222,263
Total rebates	13	729	2,853	293	89,535	134,060	18,938	26,629	83,639	5,963	362,652
Total expenses after rebates	40,062	161,792	232,108	198,152	2,490,385	4,581,040	1,777,445	3,653,849	3,733,806	990,971	17,859,610

Table 1-6 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1986

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of dolla	ars				
Gross operating expenses											
Property taxes	87	1,314	1,613	2,024	41,556	133,613	47,373	125,691	68,774	11,025	433,070
Cash rent	160	3,840	1,986	1,773	21,916	117,239	72,866	112,963	107,289	19,952	459,984
Share rent	10 6,860	445 25,062	135 44,570	107 33,797	2,595 264,126	29,000 561,139	25,495 101,444	118,189	75,164 270,153	3,282	254,422 1,670,516
Cash wages, room and board Interest	1,913	13,169	15,628	18,700	306,242	460,770	169,476	191,574 462,926	444,461		2,012,998
Repairs to buildings and fences	604	3.084	5,258	4.281	68,886	100.565	32,681	50.123	77.225	19,835	362.542
Electricity	893	3,916	5,433	4,374	70,915	113,861	34,340	54,798	62,931	22,836	374,297
Telephone	155	950	1,202	1,100	10,500	25,000	7,724	19,794	20,613	5,705	92,743
Heating fuel	590	1,300	3,672	1,950	22,367	71,315	11,024	23,108	43,044	10,028	188,398
Machinery fuel	1,440	10,486	11,000	11,707	105,863	226,547	149,670	354,600	230,301	45,743	1,147,357
Machine repairs and other	1,229	12,744	12,510	12,688	161,065	283,330	139,893	294,372 43.956	331,884		1,302,254
Business insurance Custom work	535 597	1,930 2,336	2,648 2,820	2,966 1,610	72,529 46,029	84,628 60,675	20,778 17,539	43,956 38.034	44,495 32,177	13,506 9,942	287,971 211,759
Stabilization premiums	0	521	1,159	622	57,309	13,278	19,430	25,280	15,102	22,795	155,496
Crop and hail insurance	4	1,294	244	1,059	11,949	24,849	36,602	147,278	93,534	4,584	321,397
Fertilizer and lime	1,028	17,264	9,394	12,110	148,497	267,826	199,373	323,463	311,148	34,173	1,324,276
Pesticides	260	7,818	3,600	6,024	37,341	136,917	106,100	224,854	148,943	14,108	685,965
Commercial seed	413	2,449	4,250	3,603	85,404	158,149	47,449	61,701	46,097	20,586	430,101
Irrigation	0	0	0	0	0	0	0	981	10,510	2,129	13,620
Twine, wire and containers	671	4,567	3,305	2,421	25,786	43,478	5,961	8,015	17,743	13,223	125,170
Commercial feed	17,830	20,590	62,459	45,450	638,106	649,327	151,630	104,914	329,224		2,204,016
Livestock and poultry purchases	4,254	4,977	7,087	3,894	64,654	337,519	28,770	16,890	177,158	28,068	673,271
Artificial insemination and veterinary fees	227	2,081	3,116	2,541	50,824	70,808	12,030	18,965	41,484	14,030	216,106
Legal and accounting fees	221	2,001	3,110	2,541	30,624	70,000	12,030	10,900	41,404	14,030	210,100
Other	1,136	4,904	6,816	5,200	81,598	194,945	49,486	106,145	124,029	45,699	619,958
Total gross operating											
expenses	40,896	147,041	209,905	180,001	2,396,057	4,164,778	1,487,134	2,928,614	3,123,483	889,778	15,567,687
Rebates											
Property taxes	0	0	0	0	25,754	81,313	8,854	24	0	0	115,945
Cash wages	:	:	::	:			::		2		
Interest	0	0	1,172	0	61,340	58,889	7,889	18,171	24,145	6,741	178,347
Electricity	0	0	0	0	2,116 0	0	0	0	0 5,412	0	2,116 5,412
Heating fuel Machinery fuel	15	342	185	420	4,850	17,564	6,849	15,101	16,166	1,287	62,779
Fertilizer and lime	0	570	1.459	0	517	17,304	0,043	0,101	19,200	1,207	21,746
Pesticides	Ö	0	0	Ö	0	Ő	Ő	Ö	2,500	Ö	2,500
Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed	0	0	0	0	0	0	0	0	74,800	0	74,800
Artificial insemination and											
veterinary fees	0	0	0	0	0	6,969	0	0	0	0	6,969
Livestock purchases											
Total rebates	15	912	2,816	420	94,577	164,735	23,592	33,296	142,223	8,028	470,614
Operating expenses after rebates	40,881	146,129	207,089	179,581	2,301,480	4,000,043	1,463,542	2,895,318	2,981,260	881,750 °	15,097,073
Depreciation on buildings Depreciation on machinery	492 1,439	3,269 15,395	8,900 18,328	4,560 15,836	67,362 204,080	142,635 421,607	22,680 252,065	62,814 698,495	95,252 611,157	31,419 71,797	439,383 2,310,199
Total depreciation	1,931	18,664	27,228	20,396	271,442	564,242	274,745	761,309	706,409	103,216	2,749,582
Total expenses before rebates	42,827	165,705	237,133	200,397	2,667,499	4,729,020	1,761,879	3,689,923	3,829,892	992,994	18,317,269
Total rebates	15	912	2,816	420	94,577	164,735	23,592	33,296	142,223	8,028	470,614

Table 1-7
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1987

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of dolla	ars				
Gross operating expenses											
Property taxes	112	1,350	1,837	2,252	47,113	156,210	50,438	137,526	70,149	11,007	477,994
Cash rent	194	4,193	2,076	1,909	24,288	123,737	54,833	96,261	90,982	20,586	419,059
Share rent Cash wages, room and board	12 7,906	413 26,856	135 47,533	120 36,445	2,759 280,126	24,283 595,412	23,010 108,534	111,155 190,596	63,131 297,263	2,858 195,286	227,876 1,785,957
Interest	2,238	12,731	16,374	19,507	305,912	444,174	172,351	477,078	453,290	115,285	2,018,940
Repairs to buildings and fences		3,407	5,520	4,875	85,542	116,338	37,276	55,145	98,813	21,693	429,219
Electricity	903	3,839	6,237	4,593	71,813	120,791	35,346	56,990	62,403	24,630	387,545
Telephone	183	1,077	1,313	1,263	11,300	27,016	8,655	20,212	20,661	5,968	97,648
Heating fuel	610	1,211	3,118	1,782	21,423	64,807	7,946	16,732		9,740	158,865
Machinery fuel Machine repairs and other	1,425 1,411	9,875 13,584	10,667 14,967	10,641 14,369	89,313 180,309	204,208 302,787	145,268 146,631	366,669 336,454	198,638 312,081	43,393 55,822	1,080,097 1,378,415
Business insurance	536	2,120	2,805	3,085	82,556	97,239	23,607	44,203	44,755	13,618	314,524
Custom work	721	2.589	3,168	1.995	54,496	62.372	26,970	48.784	32.719	12.634	246.448
Stabilization premiums	0	830	1,453	516	70,615	23,686	16,667	27,011	25,386	12,041	178,205
Crop and hail insurance	3	1,296	272	1,171	15,051	22,837	33,310	111,921	78,720	5,189	269,770
Fertilizer and lime	1,232	18,416	10,234	12,847	153,645	275,900	188,943	300,224	274,587	32,894	1,268,922
Pesticides	285	7,994	3,750	6,047	39,063	141,212	107,310	206,879	131,915	13,559	658,014
Commercial seed Irrigation	446 0	3,082 0	4,120 0	3,879 0	80,708 0	192,132 0	44,428 0	53,086 883	46,677 10,620	22,307 2,501	450,865 14,004
Twine, wire and containers	680	4.724	3,242	2.843	26,615	43.557	6,237	9,121	18,770	13,249	129,038
Commercial feed	18,167	21,448	64,353	47,233	659,121	680,738	153,938	95,087	272,866		2,178,784
Livestock and poultry purchases		4,182	8,962	3,645	67,491	358,265	32,447	48,575	309,086	34,327	871,474
Artificial insemination and											
veterinary fees	266	2,210	3,426	2,795	61,900	75,163	14,016	23,183	45,342	14,173	242,474
Legal and accounting fees	 1,191	4.056	7,184	 E 670	04.005	204 002	EO 024	107.054	105 205	 45 457	624 242
Other	1,191	4,956	7,104	5,673	84,885	201,993	50,034	107,854	125,385	45,157	634,312
Total gross operating											
expenses	43,625	152,383	222,746	189,485	2,516,044	4,354,857	1,488,195	2,941,629	3,115,735	893,750	15,918,449
Rebates											
Property taxes	0	0	0	0	26,486	115,748	18,780	0	0	0	161,014
Cash wages	0	0	1.183	0		83.635	4 507	47 400	40.000	 - 447	 177.948
Interest Electricity	0	0	1,103	0	52,680 2,009	03,035	1,587 0	17,186 0		5,417 0	2,009
Heating fuel	0	0	0	0	2,003	0	0	0		0	2,743
Machinery fuel	24	418	217	335	3,896	17,018	5,572		7,836	856	72,606
Fertilizer and lime	0	847	1,508	0	602	0	0	0	16,420	0	19,377
Pesticides	0	0	0	0	0	0	0			0	789
Commercial seed	0	24	0	0	0	0	0	0	0	0	24
Commercial feed Artificial insemination and	0	0	0	0	0	0	0	0	71,530	419	71,949
veterinary fees	0	0	0	0	0	22,802	0	0	0	0	22,802
Livestock purchases											
Total rebates	24	1,289	2,908	335	85,673	239,203	25,939	53,620	115,578	6,692	531,261
Operating expenses after											
rebates	43,601	151,094	219,838	189,150	2,430,371	4,115,654	1,462,256	2,888,009	3,000,157	887,058	15,387,188
Depreciation on buildings	555	3,390	9,487	4,749	72,162	144,028	21,930	57,788	92,528	30,259	436,876
Depreciation on machinery	1,440	15,128	18,199	16,191	213,747	419,980	243,781	680,026	593,927	72,359	2,274,778
Total depreciation	1,995	18,518	27,686	20,940	285,909	564,008	265,711	737,814	686,455	102,618	2,711,654
Total expenses before rebates	45,620	170,901	250,432	210,425	2,801,953	4,918,865	1,753,906	3,679,443	3,802,190	996,368	18,630,103
Total rebates	24	1,289	2,908	335	85,673	239,203	25,939	53,620	115,578	6,692	531,261

Table 1-8 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1988

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of dolla	ars				
Gross operating expenses											
Property taxes	130	1,406	1,935	2,336	49,458	153,994	50,408	138,036	73,023	12,448	483,174
Cash rent	195	4,951	2,321	2,026	24,901	123,288	57,512	98,029	102,429	20,609	436,261
Share rent	12	325	169	98	3,034	24,244	23,995	101,837	75,589	2,484	231,787
Cash wages, room and board	8,827	28,990	52,266	38,102 17,559	309,438	618,046	119,544	189,611 439,476	279,957 408,495		
Interest Repairs to buildings and fences	2,401 685	14,101 3,558	16,928 5.808	4.592	313,450 94,515	422,729 120,033	158,637 38,212	54.768	97.155	111,809 23,274	1,905,585 442.600
Electricity	959	4,108	6,353	4,517	79,116	126,864	36,407	56,905	64,276	25,985	405,490
Telephone	214	1,195	1,443	1,367	12,348	28,023	10,622	22,419	22,196	6,486	106,313
Heating fuel	670	1,203	3,165	1,886	25,647	66,987	7,298	14,349	27,522	9,388	158,115
Machinery fuel	1,400	10,206	10,580	10,578	87,989	204,072	125,002	329,139	204,509	43,687	1,027,162
Machine repairs and other	1,572	12,834	14,928	14,278	192,237	311,048	144,315	326,831	312,724	54,911	1,385,678
Business insurance	541	2,354	2,973	3,157	87,008	105,539	23,487	46,008	46,729	15,023	332,819
Custom work	829	2,848	3,263	2,413	54,372	59,841	24,985	59,203	35,035	15,929	258,718
Stabilization premiums	0 8	72 4 205	296 258	49	65,115	32,363	22,162	55,891	39,394	27,136	242,478
Crop and hail insurance Fertilizer and lime	1,363	1,295 18.809	10,579	1,072 13,331	15,672 157,727	19,791 291,085	30,357 197,141	102,700 269,106	79,626 283,131	5,139 30,619	255,918 1,272,891
Pesticides	290	8,664	3,877	6,131	44,038	146,052	119,542	213,296	142,817	13,136	697,843
Commercial seed	481	2,833	4,299	4,205	85,387	205,650	48,387	58,334	45,632	32,000	487,208
Irrigation	0	0	0	0,200	0,007	0	0,007	922	10,994	2.501	14,417
Twine, wire and containers	790	4,538	3,633	3,187	29,925	50,013	6,341	9,540	21,211	14,644	143,822
Commercial feed	20,519	24,416	70,181	48,824	689,100	774,529	164,801	134,852	333,729	180,623	2,441,574
Livestock and poultry purchases	4,972	5,673	9,407	3,714	67,190	361,786	32,301	56,418	306,019	37,226	884,706
Artificial insemination and											
veterinary fees	288	2,508	3,844	2,948	67,916	80,110	15,079	25,642	49,361	15,181	262,877
Legal and accounting fees			7 007								
Other	1,328	5,252	7,867	6,170	92,728	216,120	52,296	109,355	133,450	49,102	673,668
Total gross operating											
expenses	48,474	162,139	236,373	192,540	2,648,311	4,542,207	1,508,831	2,912,667	3,195,003	957,367	16,403,912
Rebates											
Property taxes	0	0	0	0	27,913	122,399	6,919	0	0	0	157,231
Cash wages											
Interest	0	0	1,193	0	58,910	64,744	1,651	14,573	12,532	636	154,239
Electricity	0	0	0	0	2,264	0	0	0	0	0	2,264
Heating fuel	0	674	0	0 570	2.721	17.011	0 5 460	0	3,975	1 010	3,975
Machinery fuel Fertilizer and lime	32 0	674 1,276	291 1,614	578 0	3,721 457	17,011 0	5,468 0	28,892 0	7,130 16,146	1,010 0	64,807 19,493
Pesticides	0	1,270	1,014	0	437	0	0	0	10,140	0	19,493
Commercial seed	Ő	24	0	0	0	0	0	0	ő	ő	24
Commercial feed	Ō	0	0	0	0	0	0	Ō	47,262	1,373	48,635
Artificial insemination and									,	,	ŕ
veterinary fees	0	0	0	0	0	11,150	0	0	0	0	11,150
Livestock purchases											
		1,974	3,098	578	93,265	215,304	14,038	43,465	87,045	3,019	461,818
Total rebates	32	1,317	,,,,,,,								
	32	1,574	0,000								
Total rebates Operating expenses after rebates	32 48,442	160,165	233,275	191,962	2,555,046	4,326,903	1,494,793	2,869,202	3,107,958	954,348	15,942,094
Operating expenses after rebates		160,165	•	191,962 4,941				2,869,202 56,641		954,348 32,367	15,942,094 465,203
Operating expenses after	48,442	•	233,275	-	2,555,046 76,456 227,590	4,326,903 167,944 435,764	1,494,793 20,955 250,685		3,107,958 91,662 594,835	32,367	
Operating expenses after rebates Depreciation on buildings	48,442 625	160,165 3,511	233,275 10,101	4,941	76,456	167,944	20,955	56,641	91,662	32,367 74,544	465,203 2,305,043
Operating expenses after rebates Depreciation on buildings Depreciation on machinery	48,442 625 1,638	160,165 3,511 15,774	233,275 10,101 19,765	4,941 17,304 22,245	76,456 227,590 304,046	167,944 435,764 603,708	20,955 250,685 271,640	56,641 667,144 723,785	91,662 594,835	32,367 74,544 106,911	465,203 2,305,043 2,770,246
Operating expenses after rebates Depreciation on buildings Depreciation on machinery Total depreciation	48,442 625 1,638 2,263	160,165 3,511 15,774 19,285	233,275 10,101 19,765 29,866	4,941 17,304 22,245	76,456 227,590 304,046	167,944 435,764 603,708	20,955 250,685 271,640	56,641 667,144 723,785	91,662 594,835 686,497	32,367 74,544 106,911	465,203 2,305,043 2,770,246

Table 1-9
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1989

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	152	1,431	1,942	2,082	52,167	159,134	49,133	141,447	77,731	12,825	498,044
Cash rent	213	5,591	2,443	2,248	28,643	123,369	63,271	115,242	112,296	22,550	475,866
Share rent	13 9.024	292 29.744	161 53.866	94 43.428	3,208 335.440	25,278 655.129	27,033 129,284	132,332 212,792	81,285 299,212	2,108 224.070	271,804 1.991.989
Cash wages, room and board Interest	2,673	15.023	18.909	17,597	352,454	435,113	161,185		399,893	111,076	1,991,969
Repairs to buildings and fences	720	3,782	5,796	4,801	93,097	122,780	40,616		93,286	23,382	440,893
Electricity	969	3,903	6,173	4,698	84,196	135,233	40,103	59,750	68,132	26,184	429,341
Telephone	235	1,182	1,565	1,428	13,726	28,388	11,386	25,412	24,046	6,661	114,029
Heating fuel	716	1,137	3,265	1,950	27,882	72,402	7,465	16,039	29,753	10,266	170,875
Machinery fuel	1,414 1,638	10,456 14.136	10,780 15,259	10,753 16.015	97,492 198.415	210,568 304,368	134,320 158,823		214,813 349.523	45,553 59,894	1,087,174 1,476,324
Machine repairs and other Business insurance	526	2,477	3,304	3,466	86,257	109,039	23,853	45,605	51,085	16,024	341,636
Custom work	995	3,375	3,881	3,086	50,596	55,789	26,226	64,667	31,683	23,413	263,711
Stabilization premiums	0	598	863	497	76,285	-8,829	34,006	87,778	66,551	14,078	271,827
Crop and hail insurance	3	1,224	274	956	19,719	26,845	50,665	182,594	109,240	4,787	396,307
Fertilizer and lime	1,401	19,203	10,265	13,556	162,076	280,682	183,307	263,427	308,767	32,129	1,274,813
Pesticides	298	8,640	4,268	6,605	45,645	153,656	115,739	225,567	158,186	13,723	732,327
Commercial seed Irrigation	529 0	4,191 0	4,275 0	5,103 0	85,677 0	212,660 0	47,983 0		48,905 11,541	38,096 2,418	500,995 14.895
Twine, wire and containers	841	4.643	3.741	3.493	34,885	49.652	6,596	9,397	21,128	16,023	150.399
Commercial feed	21,337	27,245	73,929	47,942	705,461	825,946	183,640	121,633	399,051		2,619,228
Livestock and poultry purchases		5,320	9,194	4,209	68,527	331,279	30,750	57,100	343,527	39,996	894,912
Artificial insemination and											
veterinary fees	308	2,754	4,134	3,436	71,415	84,223	16,698	24,922	56,464	17,057	281,411
Legal and accounting fees Other	 4 275	 E 401	0.427	 C 0EE			 EC 040	101 516	140.010		720 422
Otrier	1,375	5,491	8,437	6,855	99,272	228,532	56,213	121,516	148,810	53,932	730,433
Total gross operating expenses	50,390	171,838	246,724	204.298	2.792.535	4.621.236	1.598.295	3.150.598	3.504.908	1,029,289	17.370.111
Rebates	,	,	,	,	_,,	,, ,,	1,000,000	-,,	-,,	.,,	,,
Property taxes	0	0	0	0	29,969	109,272	0	0	0	0	139,241
Cash wages	U		U	U	29,909	109,272	U	U	U	U	139,241
Interest	0	0	1,142	235	83.840	33,267	2,276	11,127	10.322	0	142.209
Electricity	0	0	0	0	2,335	0	0		0	0	2,335
Heating fuel	0	.0	0	0	0	0	0		2,813	0	2,813
Machinery fuel	35	519	222	453	2,809	14,722	3,521	19,203	4,758	721	46,963
Fertilizer and lime Pesticides	0	610 0	1,580 0	0	354 0	0	0		18,143 0	0	20,687 0
Commercial seed	0	24	0	0	0	0	0		0	0	24
Commercial feed	Ö	0	ő	ő	ő	ő	ő		47,614	1,491	49,105
Artificial insemination and									,-	, -	.,
veterinary fees	0	0	0	0	0	817	0	0	0	0	817
Livestock purchases											
Total rebates	35	1,153	2,944	688	119,307	158,078	5,797	30,330	83,650	2,212	404,194
Operating expenses after											
rebates	50,355	170,685	243,780	203,610	2,673,228	4,463,158	1,592,498	3,120,268	3,421,258	1,027,077	16,965,917
Depreciation on buildings	703	3,852	11,175	5,239	83,346	216,843	23,047	57,828	102,907	36,347	541,287
Depreciation on machinery	1,936	17,616	20,781	17,660	237,579	451,708	254,133	657,266	613,341	,	2,352,198
Total depreciation	2,639	21,468	31,956	22,899	320,925	668,551	277,180	715,094	716,248	-	2,893,485
Total expenses before rebates	53,029	193,306	278,680	227,197	3,113,460	5,289,787	1,875,475	3,865,692	4,221,156	1,145,814	20,263,596
Total rebates	35	1,153	2,944	688	119,307	158,078	5,797	30,330	83,650	2,212	404,194
Total expenses after rebates	52,994	192,153	275,736	226 500	2 994 153	5 131 700	1 869 678	3,835,362	4 137 506	1 1/3 602	10 950 402

Table 1-10 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1990

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	168	1,463	2,019	1,886	60,845	162,349	40,311	147,336	83,221	13,074	512,672
Cash rent	227	6,524	2,658	2,461	29,518	132,813	66,704	105,133	114,321	22,171	482,530
Share rent Cash wages, room and board	14 10,330	190 33.244	167 55.463	83 44,981	3,670 357,221	31,422 665,354	28,084 130,644	139,607 209,292	79,262 311,033	2,892 229,282	285,391 2,046,844
Interest	2,869	15,997	20,703	17,587	387,095	466,078	173,283		407,083		2,040,844
Repairs to buildings and fences		3,924	5,669	4,738	93,365	130,041	41,694	55,392	101,047	22,685	459,392
Electricity	1,021	3,840	6,337	4,393	87,799	135,973	41,397	60,571	68,553	24,374	434,258
Telephone	312	1,206	1,686	1,533	14,601	31,238	12,168	30,200	28,608	6,908	128,460
Heating fuel	721	1,146	3,543	1,788	34,987	77,505 215.704	8,327	17,336	31,814	10,408	187,575
Machinery fuel Machine repairs and other	1,550 1,684	10,605 14,844	11,234 15,575	11,672 17,087	105,221 201,204	320,885	150,415 159,988		279,035 362,680	49,495 65,280	1,210,663 1,519,108
Business insurance	597	2,719	3,687	3,898	89,517	113,684	26,270	48,071	52,060	19,068	359,571
Custom work	1,219	4,095	3,372	3,679	48,758	65,424	23,071	57,664	14,182	21,346	242,810
Stabilization premiums	0	530	918	471	90,952	20,544	32,234	79,135	60,927	11,890	297,601
Crop and hail insurance	15	1,388	281	854	21,954	33,210	48,747	144,731	67,849	4,916	323,945
Fertilizer and lime	1,251	20,017	10,537	14,391	154,590	252,578	186,594	247,116	293,774	32,990	1,213,838
Pesticides Commercial seed	263 495	8,962 5,101	4,448 4,600	7,149 6,219	46,147 89,306	152,395 226,246	115,908 49,359		158,443 53,350	17,501 34,555	729,980 532,463
Irrigation	495	0,101	4,000	0,219	09,300	220,240	49,339		12,357	3,070	16,365
Twine, wire and containers	927	3.986	3.421	3,696	40,598	61.606	6.992		22,567	17.803	172.674
Commercial feed	22,310	22,764	68,320	46,816	697,649	708,691	154,898		343,493		2,369,353
Livestock and poultry purchases	s 5,948	4,273	10,205	4,624	78,539	315,260	32,348	47,311	311,343	40,407	850,258
Artificial insemination and											
veterinary fees	402	2,666	4,362	3,477	76,665	90,938	18,423		64,425	17,764	306,214
Legal and accounting fees Other	837 708	2,882 2,862	4,337 4,300	4,623 2,666	62,706 39,991	98,168 135,003	26,574 34,536	54,785 71,014	74,429 85,822	27,475 29,248	356,816 406,150
		2,002	.,000	2,000	00,00.	.00,000	0.,000	,	00,022	20,2.0	.00,.00
Total gross operating expenses	54,705	175,228	247,842	210,772	2,912,898	4,643,109	1,608,969	3,096,048	3,481,678	1,039,492	17,470,741
Rebates											
Property taxes	0	0	0	0	31,253	110,363	0	0	0	0	141,616
Cash wages						·					٠
Interest	0	0	614	266	99,010	52,106	0		9,954	0	170,437
Electricity	0	0	0	0	2,620	0	0		0 004	0	2,620
Heating fuel Machinery fuel	0 23	0 599	0 234	0 349	0 2,342	0 13,835	0 3,304		2,294 3,822	0 655	2,294 29,787
Fertilizer and lime	0	611	1,204	0	115	0	0,304		19,666	000	21,596
Pesticides	Ö	0	0	ő	0	Ö	Ö		0	Ö	2 .,000
Commercial seed	0	26	0	0	0	0	0		0	0	26
Commercial feed	0	0	0	0	0	0	0	0	38,752	161	38,913
Artificial insemination and	•		•			0.500	•	•			0.500
veterinary fees	0	0	0 868	0 72	0	6,596 0	0		0	0	6,596 940
Livestock purchases											
Total rebates	23	1,236	2,920	687	135,340	182,900	3,304	13,111	74,488	816	414,825
Operating expenses after rebates	54,682	173,992	244,922	210,085	2,777,558	4,460,209	1,605,665	3,082,937	3,407,190	1,038,676	17,055,916
Depreciation on buildings	790	4,638	12,316	5,793	92,967	245,551	25,754	58,688	110,192	41,688	598,377
Depreciation on machinery	2,261	18,077	21,079	19,212	247,798	465,841	256,068	640,970	635,196		2,390,776
Total depreciation	3,051	22,715	33,395	25,005	340,765	711,392	281,822	699,658	745,388	125,962	2,989,153
Total expenses before rebates	57,756	197,943	281,237	235,777	3,253,663	5,354,501	1,890,791	3,795,706	4,227,066	1,165,454	20,459,894
Total rebates	23	1,236	2,920	687	135,340	182,900	3,304	13,111	74,488	816	414,825
Total expenses after rebates	57,733	196,707	278,317	235,090	3,118,323	5,171,601	1,887,487	3,782,595	4,152,578	1,164,638	20,045,069

Table 1-11
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1991

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes Cash rent Share rent Cash wages, room and board Interest Repairs to buildings and fences Electricity Telephone Heating fuel Machinery fuel Machiner repairs and other Business insurance Custom work Stabilization premiums Crop and hail insurance Fertilizer and lime Pesticides Commercial seed Irrigation Twine, wire and containers Commercial feed Livestock and poultry purchases Artificial insemination and	168 268 13 10,587 3,211 892 1,055 316 806 1,584 1,751 638 1,197 5 14 1,356 270 488 0 815 22,147 5,449	1,563 6,815 215 34,182 17,072 4,246 1,342 1,095 11,171 15,642 3,087 6,452 1,494 1,131 21,385 8,971 4,854 0 4,050 20,338 4,666	2,222 2,576 171 57,293 20,828 5,997 6,639 1,884 3,574 11,143 15,557 3,984 4,567 1,055 236 10,426 4,284 4,514 0 3,880 65,193 10,246	1,726 2,628 103 45,682 18,784 5,142 4,536 1,632 1,989 11,451 17,134 4,123 2,619 7,199 1,109 12,946 6,029 5,139 0 3,442 41,899 4,559	73,745 33,452 3,429 387,828 369,043 102,769 16,081 38,830 107,451 203,216 91,750 53,382 106,096 22,035 169,823 45,385 83,744 0 44,068 681,504 74,978	180,777 143,308 33,620 691,968 433,583 135,783 143,134 32,793 81,237 221,300 317,385 118,564 76,862 63,679 28,739 265,709 151,850 214,051 0 63,359 669,241 293,509	40,605 69,407 27,608 138,934 160,966 39,504 43,972 12,571 9,775 150,762 159,850 29,948 25,896 68,632 41,348 189,654 106,302 54,709 0 7,002 153,632 37,998	152,541 104,033 135,842 218,863 385,036 55,772 62,035 31,621 18,915 381,878 359,985 47,110 53,051 190,583 1,669 117,445 248,489 181,748 60,563 1,669 11,973 104,753 50,502	86,581 115,885 75,606 320,431 495,751 102,381 72,673 31,161 34,161 263,322 362,209 55,855 14,339 127,074 283,462 148,737 54,722 12,101 22,727 318,283 310,081	13,221 25,517 3,034 243,239 108,081 27,870 7,643 11,827 51,772 64,846 22,011 25,147 17,274 5,313 31,529 16,324 35,094 3,087 20,389 192,563 43,849	553,149 503,889 279,641 2,149,007 2,012,355 479,686 459,929 137,044 200,209 1,211,834 1,517,575 377,070 263,512 576,706 289,424 1,234,779 669,900 517,878 16,857 181,705 2,269,553 835,837
veterinary fees Legal and accounting fees Other	444 843 718	2,632 2,990 2,919	4,720 4,617 4,451	3,416 4,371 2,851	79,982 63,024 40,951	91,677 100,854 140,133	20,884 27,496 35,848	29,670 59,462 73,357	67,211 73,466 89,941	19,019 27,864 30,944	319,655 364,987 422,114
Total gross operating expenses	55,035	182,516	250,057	204,109	2,986,292	4,693,077	1,653,303	3,136,863	3,610,244	1,074,798	17,846,295
Rebates											
Property taxes Cash wages Interest Electricity Heating fuel Machinery fuel Fertilizer and lime Pesticides Commercial seed Commercial feed Artificial insemination and	0 0 0 0 18 0 0 0	0 0 0 0 0 322 477 0 28	0 0 3 0 0 193 921 0 0	0 0 259 0 244 0 0 0	42,444 0 76,000 3,171 0 1,737 184 0 0	116,384 0 59,133 0 11,643 0 0	0 0 14,418 0 0 1,781 0 0 0	0 0 4,962 0 0 2,312 0 0 0	0 9,378 0 2,600 3,037 20,575 0 0 33,358	0 0 0 0 400 400 0 0	158,828 0 164,153 3,171 2,600 21,687 22,157 0 28 33,358
veterinary fees Livestock purchases	0	0	0 845	0 76	0	5,463 0	0	0	0	0	5,463 921
Total rebates	18	827	1,962	579	123,536	192,623	16,199	7,274	68,948	400	412,366
Operating expenses after rebates	55,017	181,689	248,095	203,530	2,862,756	4,500,454	1,637,104	3,129,589	3,541,296	1,074,398	17,433,929
Depreciation on buildings Depreciation on machinery	893 2,548	4,789 18,523	12,447 21,795	6,313 19,909	100,664 243,305	264,711 474,089	26,059 246,067	55,875 637,901	107,711 618,859	46,646 85,893	626,108 2,368,889
Total depreciation	3,441	23,312	34,242	26,222	343,969	738,800	272,126	693,776	726,570	132,539	2,994,997
Total expenses before rebates	58,476	205,828	284,299	230,331	3,330,261	5,431,877	1,925,429	3,830,639	4,336,814	1,207,337	20,841,292
Total rebates	18	827	1,962	579	123,536	192,623	16,199	7,274	68,948	400	412,366
Total expenses after rebates	58,458	205,001	282,337	229,752	3,206,725	5,239,254	1,909,230	3,823,365	4,267,866	1,206,937	20,428,926

Table 1-12 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1992

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of dolla	ars				
Gross operating expenses											
Property taxes	185	1,626	2,254	1,793	93,578	194,625	42,809	155,866	89,763	14,212	596,711
Cash rent	306	7,716	2,736	3,081	36,946	153,293	75,692	108,197	124,381	26,381	538,729
Share rent Cash wages, room and board	16 11,262	245 34,960	180 61,027	138 45,728	3,142 411,243	35,901 727,447	28,447 141,523	138,922 226,762	76,361 330,312	2,768	286,120 2,256,202
Interest	2,767	15,567	19,184	17,474	338,509	390,763	151,158	331,551	440,558		1,801,227
Repairs to buildings and fences	892	4,548	6,477	5,447	108,449	142,241	41,474	59,649	105,285	31,522	505,984
Electricity	1,217	4,472	7,223	4,774	98,256	156,994	45,651	64,299	78,019	29,551	490,456
Telephone	350	1,507	2,087	1,789	17,712	35,549	14,281	35,352	32,295	8,711	149,633
Heating fuel	844 1,458	1,076 11,644	3,743 11,564	1,950	39,994	84,222 216,126	10,451 146,694	18,835	32,344 245,209	13,183	206,642 1,189,915
Machinery fuel Machine repairs and other	1,804	15,901	15,555	11,487 17,130	108,213 215,409	322.707	164,785	389,200 361,580	367,851		1.551.970
Business insurance	718	3.499	4.263	4.233	96.416	124.195	31.582	52.622	63.029	23.095	403.652
Custom work	1,251	6,563	3,621	3,191	53,425	84,225	31,720	46,788	16,199	29,915	276,899
Stabilization premiums	6	2,153	1,461	971	143,540	92,315	73,969	181,477	143,674	12,060	651,626
Crop and hail insurance	29	1,019	217	1,717	20,988	34,253	45,740	146,520	57,246	2,424	310,153
Fertilizer and lime	1,344 294	23,282	11,139	14,437	174,613	267,197	200,455	277,052	308,650	39,633	1,317,802
Pesticides Commercial seed	579	10,199 5,874	4,429 5,314	6,388 5,972	50,618 86,422	163,533 225,718	114,634 51,835	207,390 63,343	151,509 56,930	17,299 35,977	726,293 537,964
Irrigation	0	0,074	0,017	0,372	00,422	223,710	01,000	1.719	12,524	3,112	17.355
Twine, wire and containers	908	4,275	3,842	3,487	42,968	68,506	7,580	11,674	21,500	24,657	189,397
Commercial feed	20,858	20,513	63,514	41,289	688,889	678,374	157,279	112,066	346,683		2,327,357
Livestock and poultry purchases Artificial insemination and		5,804	10,509	4,600	76,572	274,919	45,207	35,368	360,716	46,959	866,392
veterinary fees	455	2,838	4,888	3,416	83,442	96,426	23,105	32,853	69,678	21,338	338,439
Legal and accounting fees Other	942 736	3,124 3,153	5,122 4,584	4,184 3,703	70,503 42,589	101,869 148,541	26,424 39,792	60,320 85,095	75,541 98,936	31,461 33,420	379,490 460,547
Total gross operating											
expenses	54,959	191,558	254,933	208,379	3,102,436	4,819,939	1,712,287	3,204,500	3,705,193	1,122,772 °	18,376,955
Rebates											
Property taxes	0	0	0	0	56,344	116,972	0	0	0	0	173,316
Cash wages	0	0	0	0	0	306	0	0	0	0	306
Interest	0	0	0	250	45,300	3,075 0	0	1,806 0	9,136 0	0	59,567
Electricity Heating fuel	0	0	0	0	3,357 0	0	0	0	300	0	3,357 300
Machinery fuel	0	25	15	22	883	8,596	102	111	283	85	10,122
Fertilizer and lime	Ö	306	682	0	214	0,000	0	0	6,229	0	7,431
Pesticides	0	0	0	0	0	0	0	0	0	0	0
Commercial seed	0	28	0	0	0	0	0	0	0	0	28
Commercial feed	0	0	0	0	0	0	0	0	43,658	0	43,658
Artificial insemination and veterinary fees	0	0	0	0	0	2,413	0	0	0	0	2.413
Livestock purchases	0	0	795	85	0	2,413	0	0	0	0	880
Total rebates	0	359	1,492	357	106,098	131,362	102	1,917	59,606	85	301,378
Operating expenses after											
rebates	54,959	191,199	253,441	208,022	2,996,338	4,688,577	1,712,185	3,202,583	3,645,587	1,122,687	18,075,577
Depreciation on buildings Depreciation on machinery	900 2,896	4,976 19,309	12,352 22,257	6,206 20,467	101,123 241,524	250,547 484,423	26,129 249,426	53,328 648,429	103,490 614,152	47,953 87,027	607,004 2,389,910
Total depreciation	3,796	24,285	34,609	26,673	342,647	734,970	275,555	701,757	717,642	134,980	2,996,914
Total expenses before rebates	58,755	215,843	289,542	235,052	3,445,083	5,554,909	1,987,842	3,906,257	4,422,835	1,257,752	21,373,869
Total rebates	0	359	1,492	357	106,098	131,362	102	1,917	59,606	85	301,378

Table 1-13
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1993

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of dolla	ars				
Gross operating expenses											
Property taxes	185	1,985	2,265	1,851	96,635	199,777	46,489	164,436	92,579	14,689	620,891
Cash rent Share rent	341 18	7,601 263	2,996 203	3,049 151	36,702	158,722 40,355	80,588	117,991 148,969	128,554 94,474	27,856	564,400 313,938
Cash wages, room and board	11,192	35,754	61,979	47,526	2,589 410,743	744,176	23,701 153,015	237,729	350,243	3,215 278 196	2,330,553
Interest	2,637	18,519	19,609	14,808	316,972	361,901	138,502	302,638	430,289		1,692,613
Repairs to buildings and fences	1,075	4,211	6,517	5,868	110,172	154,258	45,962	65,034	115,976	34,373	543,446
Electricity	1,100	4,723	7,496	5,072	98,007	167,941	49,058	70,793	83,627	31,639	519,456
Telephone Heating fuel	369 860	1,615 1.046	2,120 3,630	1,920 2,033	18,951 39,060	39,203 87,404	15,782 11,282	37,235 21,348	36,043 37,215	10,120 14,262	163,358 218,140
Machinery fuel	1,525	11,270	11,607	11,337	110,020	221,733	150,084	409,287	272,427		1,248,201
Machine repairs and other	1,822	15,973	16,491	17,381	213,255	334,230	181,736	391,391	388,268		1,632,833
Business insurance	816	3,592	4,333	4,402	101,566	132,067	32,529	54,201	66,348	24,320	424,174
Custom work	1,439	5,150	3,555	2,526	57,377	81,245	26,517	49,051	2,344	29,713	258,917
Stabilization premiums Crop and hail insurance	6 22	2,534 1,210	1,145 425	868 3,430	150,133 30,838	67,268 43,338	58,373 48,753	132,628 174,067	124,737 79,562	6,657 4,749	544,349 386,394
Fertilizer and lime	1,338	22,786	10,588	15,126	160,684	272,478	220,778	302,130	331,613	42,105	1,379,626
Pesticides	318	11,184	4,700	6,883	50,295	176,116	130,426	230,424	158,871	20,075	789,292
Commercial seed	683	5,416	6,434	5,795	87,649	234,412	61,943	78,762	69,427	36,883	587,404
Irrigation	0	0	0	0	0	0	0	1,813	10,261	3,136	15,210
Twine, wire and containers	1,084	4,730	4,303	3,991	44,877	74,204	7,284	11,747	21,434	26,450	200,104
Commercial feed Livestock and poultry purchases	19,147 6.054	19,889 5,551	59,352 12,753	40,687 4,852	692,217 81,808	705,025 308.406	173,407 54,132	123,203 68,826	386,922 505,337		2,430,305 1,103,239
Artificial insemination and	0,034	3,331	12,733	4,002	01,000	300,400	04,102	00,020	303,337	33,320	1,103,239
veterinary fees	444	2.901	5,024	3,363	90.401	99,232	25.408	35,030	80,054	23,245	365,102
Legal and accounting fees	866	3,006	4,962	4,632	71,496	105,169	28,197	62,943	86,950	34,495	402,716
Other	662	4,256	5,226	4,147	44,292	157,899	42,975	93,604	111,797	36,327	501,187
Total gross operating	54,003	195,165	257,713	244 600	2 446 720	4 066 EE0	1 006 021	2 205 200	4 06E 2E2	1,176,416	10 225 040
expenses Rebates	54,005	193,103	257,715	211,090	3,110,739	4,900,559	1,000,921	3,303,200	4,005,552	1,170,410	19,233,040
	_										
Property taxes	0	0	0	0	62,365	112,323	0	0	0	0	174,688
Cash wages Interest	0	0	0	0 126	0 34.944	431 91	0	0 11	0 8.907	0	431 44.079
Electricity	0	0	0	0	04,944	0	0	0	0,907	0	44,079
Heating fuel	Ö	Ö	Ö	Ő	Ő	Ő	Ő	Ö	Ö	Ö	Ő
Machinery fuel	0	0	0	0	1,139	7,300	1	36,500	0	0	44,940
Fertilizer and lime	0	0	550	0	0	0	0	0	0	0	550
Pesticides	0	0	0	0	0	0	0	0	0	0	0
Commercial seed Commercial feed	0	0	0	0	0	0	0	0	43,254	0	43,254
Artificial insemination and	· ·	U	· ·	U	Ū	Ū	Ū	U	40,204	· ·	40,204
veterinary fees	0	0	0	0	0	736	0	0	0	0	736
Livestock purchases	0	0	773	70	0	0	0	0	0	0	843
Total rebates	0	0	1,323	196	98,448	120,881	1	36,511	52,161	0	309,521
Operating expenses after rebates	54,003	195,165	256,390	211,502	3,018,291	4,845,678	1,806,920	3,348,769	4,013,191	1,176,416	18,926,327
Depreciation on buildings Depreciation on machinery	907 2,861	4,917 18,586	12,258 23,091	6,101 20,200	102,493 249,893	245,324 488,471	26,933 250,682	52,607 673,083	103,495 631,920	53,225 92,703	608,260 2,451,490
Total depreciation	3,768	23,503	35,349	26,301	352,386	733,795	277,615	725,690	735,415	145,928	3,059,750
Total expenses before rebates	57,771	218,668	293,062	237,999	3,469,125	5,700,354	2,084,536	4,110,970	4,800,767	1,322,344	22,295,598
•											
Total rebates	0	0	1,323	196	98,448	120,881	1	36,511	52,161	0	309,521

Table 1-14 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1994

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	196	2,279	2,342	2,016	100,599	202,970	50,311	171,607	97,347	14,552	644,219
Cash rent	356 19	9,071 299	2,929	3,348	36,460	157,960	83,855	131,053	135,423	28,309	588,764
Share rent Cash wages, room and board	11,684	38,350	251 62,327	181 48,926	2,331 434,987	42,087 805,208	26,766 162,470	163,084 260,590	95,488 385,411	3,264 306,038	333,770 2,515,991
Interest	2,868	19,715	20,739	18,025	361,472	378,520	155,684	312,272	460,930		1,825,707
Repairs to buildings and fences	1,208	4,843	7,038	6,541	113,457	159,630	49,226	69,968	127,565	39,139	578,615
Electricity	1,192	4,863	7,627	5,237	100,722	180,253	51,716	75,525	87,897	35,521	550,553
Telephone Heating fuel	389 863	1,751 1,038	2,326 3,592	2,105 2,230	20,475 41,539	42,815 99.948	17,480 11,802	41,595 22,841	40,469 43,312	11,758 16,051	181,163 243,216
Machinery fuel	1,533	11,281	11,460	11,716	106,006	216,549	150,331	416,194	307,670	48,580	1,281,320
Machine repairs and other	1,913	17,468	17,151	19,069	220,712	351,635	184,165	424,318	419,988	78,844	1,735,263
Business insurance	848	3,606	4,343	4,446	105,759	138,270	33,830	56,369	68,500	25,119	441,090
Custom work	1,216	5,560	4,628	3,704	55,797	87,763	39,843	64,517	1,623	41,598	306,248
Stabilization premiums Crop and hail insurance	4 24	3,527 1,195	1,240 248	2,407 2,988	141,688 18,458	53,990 36,414	45,640 46,646	6,364 163,081	41,940 78,296	3,230 4,896	300,030 352,246
Fertilizer and lime	1,472	28,510	9,729	15,044	161,858	308,152	265,101	397,418		48,992	1,641,131
Pesticides	279	13,560	4,798	9,479	54,563	182,576	174,826	315,983	204,670	19,884	980,618
Commercial seed	781	8,698	7,139	7,252	88,430	230,687	74,608	97,932	79,998	38,871	634,396
Irrigation	0	0	0	0	0	0	0	1,814	13,433	3,162	18,409
Twine, wire and containers	1,103	5,085	4,608	4,332	46,714	84,496	8,546	12,185	22,675	33,476	223,220
Commercial feed Livestock and poultry purchases	20,244 6.782	21,540 4,194	64,314 12,688	45,307 5,567	778,203 84,198	786,694 320,109	199,175 50,443	140,049 55,982			2,780,306 1,107,531
Artificial insemination and	0,702	4,134	12,000	3,307	04,190	320,109	30,443	33,902	403,302	02,000	1,107,551
veterinary fees	471	3,118	5,163	3,570	96,126	108,743	30,108	40,114	95,029	26,182	408,624
Legal and accounting fees	900	4,005	5,940	5,724	74,115	122,502	36,447	73,259	102,537	40,290	465,719
Other	629	4,043	5,121	3,733	46,507	154,268	38,678	86,116	104,530	35,964	479,589
Total gross operating expenses	56,974	217,599	267,741	222 047	2 201 176	E 252 220	1 097 607	3 600 230	A 200 065	1,322,271	20 647 729
Rebates	30,314	217,555	201,141	232,341	3,231,170	3,232,233	1,307,037	3,000,230	4,500,005	1,522,271	20,017,730
		•				440.000			•	•	4=4.04=
Property taxes	0	0	0	0	63,629 0	110,986 906	0	0	0	0	174,615
Cash wages Interest	0	0	0	93	31,256	906	0	0		0	906 40.657
Electricity	0	0	0	0	01,230	0	0	0	9,500	0	40,037
Heating fuel	0	Ō	Ō	0	0	0	0	Ō	0	0	0
Machinery fuel	0	0	0	0	982	6,475	0	36,600		0	44,057
Fertilizer and lime	0	0	0	0	0	0	0	0		0	0
Pesticides Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed	0	0	0	0	0	0	0	0		0	35,452
Artificial insemination and	•	_		_	_	_	_		,	_	,
veterinary fees	0	0	0	0	0	0	0	0	0	0	0
Livestock purchases	0	0	677	50	0	0	0	0	0	0	727
Total rebates	0	0	677	143	95,867	118,367	0	36,600	44,760	0	296,414
Operating expenses after rebates	56,974	217,599	267,064	232,804	3,195,309	5,133,872	1,987,697	3,563,630	4,344,105	1,322,271	20,321,324
Depreciation on buildings Depreciation on machinery	934 2,960	5,598 20,482	12,420 23,673	6,175 21,583	107,415 265,860	243,648 520,978	28,058 270,038	56,837 707,227	113,442 672,385	60,524 98,682	635,051 2,603,868
Total depreciation	3,894	26,080	36,093	27,758	373,275	764,626	298,096	764,064	785,827	159,206	3,238,919
Total expenses before rebates	60,868	243,679	303,834	260,705	3,664,451	6,016,865	2,285,793	4,364,294	5,174,692	1,481,477	23,856,657
Total rebates	0	0	677	143	95,867	118,367	0	36,600	44,760	0	296,414

Table 1-15
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1995

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes Cash rent Share rent Cash wages, room and board Interest	204 382 23 12,196 2,773	2,504 9,730 355 42,284 21,288	2,393 3,041 325 65,147 22,595	2,185 3,379 231 51,810 19,822	102,067 40,653 2,450 447,624 368,214	201,566 168,120 45,746 839,850 389,352	50,734 85,575 26,566 164,479 170,657	173,249 142,914 181,356 267,399 328,777	101,677 141,900 103,585 397,238 491,705	14,816 30,752 4,142 327,244 102,596	
Repairs to buildings and fences Electricity Telephone	1,136 1,171 418	5,023 4,784 1,931	7,261 7,532 2,529	6,282 5,355 2,307	117,557 101,472 21,262	160,768 177,445 45,400	45,339 53,989 18,803	73,934 78,421 46,025	124,698 95,130 45,438	40,278 37,663 13,399	582,276 562,962 197,512
Heating fuel Machinery fuel Machine repairs and other Business insurance Custom work Stabilization premiums	883 1,606 1,990 904 1,784	1,017 12,254 17,992 3,595 5,173 1,193	3,244 11,994 17,494 4,414 5,884 673	2,142 11,853 19,260 4,490 3,982 1,005	39,504 106,394 227,333 111,493 71,476 139,096	93,080 220,029 365,525 139,965 95,030 -635	12,122 154,635 191,532 34,081 51,326 44,129	22,864 419,148 440,238 56,369 99,356 -42	40,956 323,419 424,188 69,334 7,998 14,604	18,240 53,507 82,786 26,197 38,059 475	234,052 1,314,839 1,788,338 450,842 380,069 200,501
Crop and hail insurance Fertilizer and lime Pesticides Commercial seed Irrigation Twine, wire and containers Commercial feed	14 1,435 307 821 0 1,315 21,260	988 32,965 17,686 10,594 0 5,395 25,704	222 10,998 5,837 8,142 0 5,712 68,411	3,401 17,454 10,408 8,767 0 5,063 48,218	17,866 181,229 59,195 92,926 0 52,966 868,023	35,356 360,444 198,461 227,344 0 96,726 848,505	52,833 290,689 185,005 74,644 0 10,374 215,797	177,686 510,879 366,892 100,509 1,885 13,272 156,360	93,505 466,420 228,923 86,147 12,453 25,834 623,533	4,236 53,018 23,184 41,712 3,168 39,543 258,586	386,107 1,925,531 1,095,898 651,606 17,506 256,200 3,134,397
Livestock and poultry purchases Artificial insemination and veterinary fees Legal and accounting fees Other	7,218 497 1,058 673	6,121 3,426 4,448 4,165	13,347 5,409 6,610 5,531	5,777 3,585 5,867 4,181	82,686 106,070 80,574 50,460	312,870 118,371 124,898 154,422	48,554 31,032 39,727 43,319	45,982 40,745 81,333 98,603	421,404 99,422 111,381 113,938	64,464 26,800 42,707 39,920	1,008,423 435,357 498,603 515,211
Total gross operating expenses	60,071	240,615	284,745						4,664,830		
Rebates											
Property taxes Cash wages Interest Electricity Heating fuel Machinery fuel Fertilizer and lime Pesticides Commercial seed Commercial feed Artificial insemination and	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 254 0 0 0 0 0 0	61,359 0 44,900 0 0 0 0 0	108,504 1,106 0 0 0 5,400 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 38,623 0 0	7,150 0 0 0 0	0 0 0 0 0 0 0 0 0	169,863 1,106 52,304 0 0 44,023 0 0 0 8,750
veterinary fees Livestock purchases	0	0	0 499	0 46	0	0	0	0	0	0	0 545
Total rebates	0	0	499	300	106,259	115,010	0	38,623	15,900	0	276,591
Operating expenses after rebates	60,071	240,615	284,246	246,524	3,382,331	5,303,628	2,095,941	3,885,531	4,648,930	1,387,492	21,535,309
Depreciation on buildings Depreciation on machinery	961 2,964	6,582 21,923	12,584 23,668	6,682 22,495	115,189 283,627	254,444 553,521	29,881 291,939	63,316 746,299	130,539 719,751	67,412 108,347	687,590 2,774,534
Total depreciation	3,925	28,505	36,252	29,177	398,816	807,965	321,820	809,615	850,290	175,759	3,462,124
Total expenses before rebates	63,996	269,120	320,997	276,001	3,887,406	6,226,603	2,417,761	4,733,769	5,515,120	1,563,251	25,274,024
Total rebates	0	0	499	300	106,259	115,010	0	38,623	15,900	0	276,591
Total expenses after rebates	63,996	269,120	320,498	275,701	3,781,147	6,111,593	2,417,761	4,695,146	5,499,220	1,563,251	24,997,433

Table 1-16 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1996

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes Cash rent Share rent Cash wages, room and board Interest Repairs to buildings and fences Electricity Telephone Heating fuel Machinery fuel Machine repairs and other Business insurance Custom work Stabilization premiums Crop and hail insurance Fertilizer and lime Pesticides Commercial seed	206 365 22 12,231 2,710 1,075 1,189 423 835 1,632 2,103 905 1,786 3 10 1,535 295	2,497 9,535 342 42,291 21,348 4,688 1,968 1,054 12,745 18,560 3,613 6,268 420 1,127 33,587 21,295 9,940	2,584 3,339 347 65,021 22,693 7,939 2,655 3,707 11,767 17,793 4,546 4,978 569 296 11,121 5,943 8,672	2,207 3,479 270 53,429 20,265 6,206 5,558 2,377 2,402 13,286 20,297 4,580 3,997 1,188 2,531 17,327 11,073 8,835	95,748 45,164 2,682 468,973 367,870 121,403 103,501 22,234 45,820 117,045 226,889 113,723 80,775 117,981 18,513 200,807 70,724 105,936	202,473 173,164 50,117 885,314 380,626 176,518 179,219 47,216 104,807 232,515 371,746 141,365 89,192 6 32,042 356,791 213,176 245,531	168,737 46,906 55,609 19,394 14,261 163,738 195,282 35,103 79,170 15,660 59,036 306,840 208,947 82,244	183,644 149,489 189,754 282,389 311,158 88,961 88,851 47,008 428,904 447,649 58,624 154,002 112,197 219,963 579,875 418,123	119,123 419,792 469,241 136,269 100,362 48,158 44,167 345,783 434,102 71,067 -8,894 633 93,205 511,742 267,052 93,832	15,456 33,383 4,143 332,465 101,691 40,586 38,190 13,935 21,074 56,749 84,597 27,114 40,177 40 3,886 52,849 24,649 41,923	1,866,339 630,601 585,106 205,368 261,735 1,384,164 1,819,018 460,640 451,450 248,697 430,609 2,072,474 1,241,277 705,699
Irrigation Twine, wire and containers Commercial feed Livestock and poultry purchases Artificial insemination and veterinary fees	526	5,877 27,792 5,383 3,417	0 6,036 78,569 14,385 5,501	5,414 56,931 6,884 3,842	58,430 998,226 94,924 106,587	94,237 1,026,691 265,230 119,885	11,100 267,587 53,658 31,780	1,885 15,528 191,276 46,167 41,523	27,126 723,615 359,280 100,822	3,182 42,500 288,137 59,698 26,985	19,910 267,610 3,682,538 913,839 440,868
Legal and accounting fees Other	1,055 606	4,270 4,169	6,907 5,492	6,043 3,888	88,738 50,157	128,575 151,951	44,097 57,181	88,487 136,072	119,095 136,726	44,843 41,517	532,110 587,759
Total gross operating expenses	63,744	247,674	298,049	262,309	3,722,850	5,668,387	2,263,225	4,412,997	4,883,652	1,439,769	23,262,655
Rebates											
Property taxes Cash wages Interest Electricity Heating fuel Machinery fuel Fertilizer and lime Pesticides Commercial seed Commercial feed Artificial insemination and	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 152 0 0	0 0 252 0 0 0 0 0 0	49,382 0 33,778 0 0 0 0 0 0	106,457 893 0 0 0 6,418 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 36,135 0 0 0	0 8,108 0 0 0 0 0	0 0 0 0 0 0 0 0 0	155,839 893 42,138 0 0 42,553 152 0 0
veterinary fees Livestock purchases	0	0	0 62	0 35	0	0	0	0		0	0 97
Total rebates	0	0	214	287	83,160	113,768	0	36,135	8,108	0	241,672
Operating expenses after rebates	63,744	247,674	297,835	262,022	3,639,690	5,554,619	2,263,225	4,376,862	4,875,544	1,439,769	23,020,983
Depreciation on buildings Depreciation on machinery	941 3,122	7,214 23,871	13,707 24,812	7,491 24,149	129,258 302,651	282,217 586,494	32,357 311,424	64,282 798,487	143,410 780,346	75,205 119,727	756,082 2,975,083
Total depreciation	4,063	31,085	38,519	31,640	431,909	868,711	343,781	862,769	923,756	194,932	3,731,165
Total expenses before rebates	67,807	278,759	336,568	293,949	4,154,759	6,537,098	2,607,006	5,275,766	5,807,408	1,634,701	26,993,820
Total rebates	0	0	214	287	83,160	113,768	0	36,135	8,108	0	241,672
Total expenses after rebates	67,807	278,759	336,354	293,662	4,071,599	6,423,330	2,607,006	5,239,631	5,799,300	1,634,701	26,752,148

Table 1-17 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1997¹

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan		British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	215	2,522	2,614	2,401	98,777	206,957	55,481	189,154	104,985	15,956	679,062
Cash rent	374 23	9,919	3,325	3,589	47,309	182,471	94,469	153,989		34,016	688,788
Share rent Cash wages, room and board	12.605	360 43.066	353 71.142	311 60.986	2,635 507.379	51,858 947.015	30,830 186.916	194,760 285.163		4,150 342,511	402,021 2.900.641
Interest	2,685	21,546	22,048	20,241	352,472	376,426	161,350	303,834	443,950		1,801,911
Repairs to buildings and fences	1,207	5,091	6,940	6,662	113,309	179,547	48,082	79,574		44,546	622,771
Electricity Telephone	1,296 449	4,655 2.062	8,042 2.781	5,792 2.604	106,192 23,507	181,908 49.138	57,611 20,633	88,496 48,507	102,771 51.130	40,100 14,780	596,863 215.591
Heating fuel	1,008	1,040	4,016	2,445	48,394	106,144	13,832	21,289		23,969	265,093
Machinery fuel	1,786	13,296	13,048	14,216	125,117	246,998	167,057	432,528		59,812	1,426,553
Machine repairs and other	2,144	18,666	18,664	21,034	226,796	374,069	195,610	429,297	428,979	84,049	1,799,308
Business insurance	937	3,830	4,728	4,763	116,680	149,140	36,053	60,969		28,063	478,718
Custom work Stabilization premiums	2,209 2	7,924 12	5,121 449	4,844 238	70,186 109,547	102,128 0	90,499 137	149,382 59		42,591 20	410,486 110,492
Crop and hail insurance	18	965	297	1,761	19,923	36,403	56,447	194,762		1,869	407,712
Fertilizer and lime	1,598	33,754	11,384	17,849	201,240	353,388	311,693	582,474			2,039,830
Pesticides	348	21,549	6,119	11,145	76,172	231,229	221,240	463,749	287,153	25,511	1,344,215
Commercial seed Irrigation	939 0	9,529 0	9,193 0	9,173 0	108,158 0	265,473 0	91,121 0	144,081 2,040	114,770 14,659	46,095 3,132	798,532 19,831
Twine, wire and containers	1.437	5,377	6,178	5.422	62.462	101.768	10,996	14,444	26.870	48.005	282.959
Commercial feed	24,250	28,487	85,931	66,079	1,039,336	1,051,605	322,888	215,490	820,146		3,955,526
Livestock and poultry purchases	3,495	6,401	7,964	5,455	17,791	199,238	46,761	53,204	534,645	24,509	899,463
Artificial insemination and	568	3,722	5,726	3,848	111,989	131,586	35,590	45,310	109,347	27,795	475,481
veterinary fees Legal and accounting fees	1,118	4,569	7,149	6,466	87,696	142,718	50,271	96,669		46,188	566,703
Other	648	3,835	5,657	4,238	53,668	157,117	40,027	103,414	143,562	47,329	559,497
Total gross operating	64.250	252 477	200 000	204 502	2 726 725	E 024 224	2 245 504	4 252 620	E 420 200	4 455 404	22 740 047
expenses	61,359	252,177	308,869	201,562	3,726,735	5,024,324	2,345,594	4,352,636	5,139,366	1,455,421	23,746,047
Rebates	•				40.004	100.000			0		450 404
Property taxes Cash wages	0	0	0	0	49,601 0	108,883 1,983	0	0		0	158,484 1,983
Interest	0	0	0	218	14,798	0	0	0		0	22,386
Electricity	0	0	0	0	0	Ō	0	0	0	0	0
Heating fuel	0	0	0	0	0	0	0	0		0	0
Machinery fuel Fertilizer and lime	0	0	0 178	0	0	5,605 0	0	38,860 0		0	44,465 178
Pesticides	0	0	0	0	0	0	0	0		0	0
Commercial seed	0	0	Ō	0	0	Ō	0	Ō		0	0
Commercial feed	0	0	0	0	0	0	0	0	0	0	0
Artificial insemination and	0	0	0	0	0	0	0	0	0	0	0
veterinary fees Livestock purchases	0	19	80	26	0	0	0	0		0	125
Total rebates	0	19	258	244	64,399	116,471	0	38,860	7,370	0	227,621
Operating expenses after											
rebates	61,359	252,158	308,611	281,318	3,662,336	5,707,853	2,345,594	4,313,778	5,131,996	1,455,421	23,520,426
Depreciation on buildings Depreciation on machinery	1,143 3,056	7,700 25,307	15,320 25,534	8,746 24,455	143,500 311,266	314,616 611,578	33,534 323,659	68,421 829,922	160,851 828,080	84,695 126,205	838,526 3,109,062
Total depreciation	4,199	33,007	40,854	33,201	454,766	926,194	357,193	898,343	988,931	210,900	3,947,588
Total expenses before rebates	65,558	285,184	349,723	314,763	4,181,501	6,750,518	2,702,787	5,250,981	6,128,297	1,666,321	27,695,635
Total rebates	0	19	258	244	64,399	116,471	0	38,860	7,370	0	227,621
Total expenses after rebates	65,558	285,165	349,465	314,519	4,117,102	6,634,047	2,702,787	5,212,121	6,120,927	1,666,321	27,468,014

^{1.} Data starting from 1997 are not directly comparable to previous years due to the use of the North American Industry Classification System (NAICS). Please see the section about this in " Data quality, concepts and methodology" for further information. **Note(s):** The data in this table were last revised in November 2003.

Table 1-18 Farm operating expenses and depreciation charges — Agriculture economic statistics — 1998

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	217	2,572	2,745	2,473	102,440	86,922	57,145	192,937	106,035	16,275	569,761
Cash rent	383	10,018	3,357	3,640	51,111	187,945	101,581	163,074	172,073	34,710	727,892
Share rent Cash wages, room and board	22 12,641	370 44,273	343 71,004	332 63,509	2,505 521,657	53,131 979,648	28,424 193,004	199,897 284,359	108,803 451,559	4,070 354 700	397,897 2,976,453
Interest	2,602	24,835	24,475	21,883	403,221	433,518	181,751	337,128	497,981		2,970,433
Repairs to buildings and fences	1,209	5,169	7,148	6,400	120,016	184,426	46,233	75,957	134,486	43,120	624,164
Electricity	1,302	4,581	8,066	6,111	107,998	182,635	58,648	87,876	94,549	40,501	592,267
Telephone	479	2,118	2,809	2,656	24,582	51,595	21,281	52,187	52,384	15,076	225,167
Heating fuel	868 1,744	985 12,644	3,348 12,540	2,388	40,029	101,462 233,506	13,422	19,360 379,984	41,254 309,773	27,149 57,769	250,265 1,290,017
Machinery fuel Machine repairs and other	2,184	18.994	18.867	13,305 21,700	120,625 234.087	381,507	148,127 200,234	432,797	423,670		1,290,017
Business insurance	955	3.849	4.822	4.858	118.430	152.122	36.774	62.188	76.497	28.091	488.586
Custom work	2,040	8,595	5,502	5,284	88,448	120,249	82,047	143,407	-81,664	53,241	427,149
Stabilization premiums	0	0	681	0	106,695	0	29	27	0	0	107,432
Crop and hail insurance	9	813	312	781	20,075	40,446	58,473	170,601	91,755	2,173	385,438
Fertilizer and lime Pesticides	1,710	35,932	11,995	19,523	201,080	371,223	307,304	555,825	482,946		2,040,658
Commercial seed	365 977	20,932 10,119	6,493 9,886	11,514 11,035	79,341 112,484	241,345 270,782	229,791 97,661	486,037 155,722	297,114 123,508	25,559 55,961	1,398,491 848,135
Irrigation	0	0,113	0,000	0	0	0	0	2.055	14.755	3,184	19,994
Twine, wire and containers	1,446	5,804	6,162	5,577	64,561	110,630	11,546	14,733	27,945	52,087	300,491
Commercial feed	26,204	29,341	82,049	65,811	997,763	999,025	329,181	206,967	831,461		3,857,766
Livestock and poultry purchases Artificial insemination and		4,853	6,995	4,788	28,080	227,045	44,780	53,375	647,772		1,056,498
veterinary fees	573	3,751	5,595	3,930	115,911	133,270	36,995	46,176	113,083	28,819	488,103
Legal and accounting fees Other	1,141 674	4,797 3,644	7,607 5,374	7,048 4,365	90,327 55,815	154,136 160,888	51,276 45,630	106,336 95,141	128,813 142,988	50,807 48,939	602,288 563,458
Total gross operating											
expenses	63,634	258,989	308,175	288,911	3,807,281	5,857,456	2,381,337	4,324,146	5,289,540	1,519,281 2	24,098,750
Rebates											
Property taxes	0	0	0	0	51,762	350	0	0	0	0	52,112
Cash wages	0	0	0	0	0	2,850	0	0	0	0	2,850
Interest	0	0	3,004 0	211	15,912 0	0	0	0	4,956 0	0	24,083 0
Electricity Heating fuel	0	0 0	0	0	0	0	0	0	0	0	0
Machinery fuel	0	0	0	0	0	5,085	0	34,725	0	0	39,810
Fertilizer and lime	Ö	Ö	194	Ö	Ő	0	Ő	0 1,1 20	Ö	Ö	194
Pesticides	0	0	0	0	0	0	0	0	0	0	0
Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed	0	0	0	0	0	0	0	0	0	0	0
Artificial insemination and veterinary fees	0	0	0	0	0	0	0	0	0	0	0
Livestock purchases	0	34	100	26	0	0	0	0	0	0	160
Total rebates	0	34	3,298	237	67,674	8,285	0	34,725	4,956	0	119,209
Operating expenses after											
rebates	63,634	258,955	304,877	288,674	3,739,607	5,849,171	2,381,337	4,289,421	5,284,584	1,519,281 2	23,979,541
Depreciation on buildings Depreciation on machinery	1,146 3,231	7,849 27,024	16,006 25,999	9,266 23,985	153,443 317,598	328,731 629,171	34,636 341,768	69,235 874,803	171,707 864,827	84,375 132,930	876,394 3,241,336
Total depreciation	4,377	34,873	42,005	33,251	471,041	957,902	376,404	944,038	1,036,534		4,117,730
Total expenses before rebates	68,011	293,862	350,180	322,162	4,278,322	6,815,358	2,757,741	5,268,184	6,326,074	1,736,586 2	28,216,480
Total rebates	0	34	3,298	237	67,674	8,285	0	34,725	4,956	0	119,209

Table 1-19
Farm operating expenses and depreciation charges — Agriculture economic statistics — 1999

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes Cash rent Share rent Cash wages, room and board	226 393 22 12,801	2,623 11,020 377 46,397	2,854 3,455 332 74,340	2,621 3,968 346 67,420	106,538 57,303 2,405 551,957	84,317 201,101 54,435 1,042,637	59,431 106,697 27,879 201,225	191,008 168,782 195,211 282,152	104,975 179,816 109,891 477,408	16,601 34,596 3,992 363,993	571,194 767,131 394,890 3,120,330
Interest Repairs to buildings and fences	2,823 1,258 1,332	26,944 5,414 4,732	26,089 7,362 8.123	24,119 6,651 6,330	460,683 120,184 111,562	477,800 180,330 181,905	200,314 45,817 59,645	359,171 77,085 88,140	533,425 136,874 97,102		2,237,073 627,103 600.344
Electricity Telephone Heating fuel	483 904	2,198 951	2,781 3,172	2,709 2,373	25,045 41,862	52,111 114,801	21,464 15,978	51,232 20,723	53,934 49,524	14,970 31,328	226,927 281,616
Machinery fuel Machine repairs and other Business insurance Custom work	1,843 2,224 979 2,344	12,289 19,831 3,918 8,961	12,679 19,576 4,909 5,643	13,489 22,343 4,873 4,536	121,763 243,450 124,588 98,783	233,545 384,196 154,861 114,213	152,449 204,171 37,399 84,168	394,518 438,893 63,432 153,445	315,717 443,786 79,174 -61,973	58,236 89,644 27,894 50,805	1,316,528 1,868,114 502,027 460,925
Stabilization premiums Crop and hail insurance Fertilizer and lime Pesticides	3 8 1,641 335	0 1,137 37,892 23,509	1,547 323 12,676 7,553	0 540 19,995 12,839	152,173 21,107 194,953 81,263	35,458 371,210 254,839	43,208 278,494 222,453	9 146,751 502,479 500,989	82,002 476,887 319,477	0 2,325 54,765 27,174	153,743 332,859 1,950,992 1,450,431
Commercial seed Irrigation Twine, wire and containers Commercial feed Livestock and poultry purchases	1,074 0 1,569 24,979 s 4,063	13,354 0 5,867 27,455 3,520	10,223 0 6,572 78,090 7,022	13,276 0 5,737 61,560 4,971	121,483 0 68,013 951,826 38,651	292,445 0 122,532 905,000 274,349	90,975 0 11,084 317,013 52,331	157,610 2,097 14,880 189,530 65,219	126,880 15,495 28,783 778,338 961,325	60,143 3,172 56,516 275,514 39,878	887,463 20,764 321,553 3,609,305 1,451,329
Artificial insemination and veterinary fees Legal and accounting fees	635 1,221	4,010 5,037	5,969 8,139	4,291 7,541	125,794 97,553	141,655 165,696	40,917 56,917	49,324 111,653	128,300 141,694	31,050 58,428	531,945 653,879
Other Total gross operating	694	4,081	5,535	4,714	59,990	167,645	46,269	87,530	147,277	51,875	575,612
expenses Rebates	63,854	271,517	314,964	297,242	3,978,929	6,007,081	2,376,309	4,311,863	5,726,111	1,566,205	24,914,077
Property taxes	0	0	0	0	60,495	0	0	0	0	0	60,495
Cash wages Interest Electricity Heating fuel	0 0 0	0 0 0	3,001 0 0	0 303 0 0	0 16,380 0 0	2,946 0 0 0	0 0 0	0 0 0	4,010 0 0	0 0 0	2,946 23,694 0 0
Machinery fuel Fertilizer and lime Pesticides Commercial seed	0 0 0	0 0 0 0	0 160 0	0 0	0 0	5,028 0 0	0 0	34,849 0 0 0	0 0	0 0 0 0	39,877 160 0 0
Commercial feed Artificial insemination and veterinary fees	0	0	0	0	0	0	0	0	0	0	0
Livestock purchases	0	96	100	31	0	0	0	Ō	0	Ō	227
Total rebates	0	96	3,261	334	76,875	7,974	0	34,849	4,010	0	127,399
Operating expenses after rebates	63,854	271,421	311,703	296,908	3,902,054	5,999,107	2,376,309	4,277,014	5,722,101	1,566,205	24,786,678
Depreciation on buildings Depreciation on machinery	1,153 3,367	8,143 26,363	16,672 27,898	10,063 26,878	165,390 336,597	337,156 649,715	34,888 353,986	69,629 877,296	178,992 894,579	82,794 138,942	904,880 3,335,621
Total depreciation	4,520	34,506	44,570	36,941	501,987	986,871	388,874	946,925	1,073,571	221,736	4,240,501
Total expenses before rebates	68,374	306,023	359,534	334,183	4,480,916	6,993,952	2,765,183	5,258,788	6,799,682	1,787,941	29,154,578
Total rebates	0	96	3,261	334	76,875	7,974	0	34,849	4,010	0	127,399
Total expenses after rebates	68,374	305,927	356,273	333,849	4,404,041	6,985,978	2,765,183	5,223,939	6,795,672	1,787,941	29,027,179

Table 1-20 Farm operating expenses and depreciation charges — Agriculture economic statistics — 2000

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of dolla	ars				
Gross operating expenses											
Property taxes	228	2,649	2,940	2,569	110,160	84,401	60,322	195,783	106,025	17,348	582,425
Cash rent	391	11,611	3,566	4,166	62,785	211,122	113,466	169,437	194,218	34,415	805,177
Share rent	23	371	306	369	2,261	52,459	24,883	193,552	99,012	3,950	377,186
Cash wages, room and board Interest	13,227 2,950	49,087 30,863	76,015 28,820	71,912 28,348	589,528 560,317	1,099,306 568,705	214,839 232,240	289,714 390,492	488,071 572,786		3,286,878 2,558,319
Repairs to buildings and fences	1,272	5,726	7.914	6,847	128,137	181.668	53.047	81,327	143,403	48,334	657,675
Electricity	1,352	4,812	8,147	6,558	114,128	182,632	60,178	87,258	103,414	41,888	610,367
Telephone	497	2,259	2,837	2,763	25,940	54,717	22,564	53,849	57,706	15,419	238,551
Heating fuel	1,325	1,373	4,477	3,063	53,330	148,928	18,062	23,321	61,434	43,776	359,089
Machinery fuel	2,248	15,146	15,232	16,357	156,399	283,837	185,562	456,871	384,869	69,559	1,586,080
Machine repairs and other	2,289	20,511	20,118	23,497	259,160	402,078	204,939	444,640	456,002		1,921,815
Business insurance Custom work	1,006	4,075	5,056	4,990 5,040	129,572	160,281	38,521 88,178	64,700 147,112	80,758	28,843 68,587	517,802 546,070
Stabilization premiums	2,622 3	7,976 0	7,753 428	0,040	111,327 159,738	152,296 0	7	147,112	-44,821 0	00,567	160,185
Crop and hail insurance	4	1,071	300	429	20,248	31,655	45,665	134,545	63,154	2,371	299,442
Fertilizer and lime	1,511	35,361	12.449	19,901	193,834	363,698	291,214	575,892	513,237		2,067,308
Pesticides	366	25,689	8,015	13,332	87,963	257,207	231,052	567,378	330,559		1,549,620
Commercial seed	1,191	15,282	10,465	14,999	133,046	311,780	94,862	149,014	121,587	65,594	917,820
Irrigation	0	0	_ 0	0	0	0	0	2,050	16,030	3,147	21,227
Twine, wire and containers	1,578	5,557	7,140	6,076	70,974	147,024	11,860	15,029	30,510	62,478	358,226
Commercial feed	26,086	27,495	79,811	66,364	967,043	931,699	350,698	204,131	858,881		3,788,765
Livestock and poultry purchases Artificial insemination and	4,131	2,234	7,219	4,916	69,814	290,426	70,274	110,645	1,089,151	39,149	1,687,959
veterinary fees	673	4,368	6,547	4,772	132,727	151,989	45,256	54,745	140,412	31.419	572.908
Legal and accounting fees	1,225	5,214	8,587	8.069	104,382	175,638	58,340	112.211	153.030	61.349	688.045
Other	708	3,754	5,541	5,016	65,089	164,796	47,426	84,904	146,394	51,356	574,984
Total gross operating											
expenses	66,906	282,484	329,683	320,353	4,307,902	6,408,342	2,563,455	4,608,609	6,165,822	1,680,367	26,733,923
Rebates											
Property taxes	0	0	0	0	63,799	0	0	650	0	0	64,449
Cash wages	0	0	0		0	2,329	0	0	0	0	2,329
Interest	0	0	0	300	15,696	0	0	0	6,109	0	22,105
Electricity	0	0 0	0	0	0	0	0	0	0 2,700	0	0 2,700
Heating fuel Machinery fuel	0	0	0	0	0	3,885	0	34,997	2,700	0	38,882
Fertilizer and lime	Õ	ő	0	0	ő	0,000	Ö	0 1,007	0	Õ	00,002
Pesticides	0	0	0	0	0	0	0	0	0	0	O
Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed	0	0	0	0	0	0	0	0	0	0	0
Artificial insemination and	0	0	0	0	0	0	0	0	0	0	•
veterinary fees	0	0 40	0	0	0	0	0	0	0	0	0 40
Livestock purchases											
Total rebates	0	40	0	300	79,495	6,214	0	35,647	8,809	0	130,505
Operating expenses after rebates	66,906	282,444	329,683	320,053	4,228,407	6,402,128	2,563,455	4,572,962	6,157,013	1,680,367	26,603,418
Depreciation on buildings Depreciation on machinery	1,145 3,701	8,317 28,792	17,183 31,362	10,491 30,101	176,307 366,635	340,618 691,659	35,404 351,529	69,813 853,298	188,070 897,347	82,839 145,805	930,187 3,400,229
Total depreciation	4,846	37,109	48,545	40,592	542,942	1,032,277	386,933	923,111	1,085,417	228,644	4,330,416
Total expenses before rebates	71,752	319,593	378,228	360,945	4,850,844	7,440,619	2,950,388	5,531,720	7,251,239	1,909,011	31,064,339
Total rebates	0	40	0	300	79,495	6,214	0	35,647	8,809	0	130,505

Table 1-21
Farm operating expenses and depreciation charges — Agriculture economic statistics — 2001

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes Cash rent Share rent Cash wages, room and board Interest Repairs to buildings and fences Electricity Telephone Heating fuel Machinery fuel Machiner repairs and other Business insurance Custom work Stabilization premiums Crop and hail insurance Fertilizer and lime Pesticides Commercial seed Irrigation Twine, wire and containers Commercial feed	231 404 22 13,902 2,999 1,336 1,325 506 1,484 2,315 2,266 1,034 2,360 3 9 1,670 386 1,282 0 1,696 28,747	2,728 11,321 353 51,590 30,754 5,778 5,004 2,304 1,510 15,600 20,921 4,197 9,425 0 1,253 34,618 26,845 15,511 0 5,002 31,619	2,969 3,619 275 79,892 29,521 7,756 8,228 2,865 4,522 14,775 20,520 5,258 9,501 20 323 12,188 8,215 11,512 0 7,283 91,224	2,595 4,270 314 75,580 30,134 7,361 6,689 2,874 3,492 16,684 23,967 5,190 6,075 0 377 19,901 13,798 15,913 0 5,888 76,053	118,973 67,807 2,546 620,773 562,369 133,262 114,356 26,396 162,655 265,639 133,459 138,438 136,547 20,233 213,217 92,801 143,158 0 73,103 1,071,484	558,550 190,751 199,069 58,547 189,139 295,190 410,120 0 168,295 145,787 0 38,102 270,066 349,193 0 154,375 1,076,112	60,382 119,707 24,037 243,198 231,155 55,699 61,382 23,692 22,939 187,418 215,186 39,677 94,410 9 47,347 351,938 228,741 95,810 0 12,572 420,838	213,403 176,215 174,197 294,060 370,396 85,393 89,876 55,464 30,084 424,890 462,426 66,253 148,583 11 147,766 650,757 595,746 150,504 1,969 13,827 248,223	102,844 201,987 101,982 512,475 566,818 147,705 116,858 60,014 75,564 381,020 469,682 83,181 -2,515 0 81,950 556,862 323,948 122,803 16,081 32,951 996,302	48,576 42,307 16,036 56,077 70,255 92,124 29,708 58,299 0 2,655 63,221 29,181 67,562 3,125 65,664	612,921 842,088 365,698 3,501,130 2,520,361 683,617 645,094 249,281 570,803 1,982,851 536,252 610,362 136,590 340,015 2,333,899 1,589,727 973,248 21,175 372,361 4,343,432
Livestock and poultry purchases Artificial insemination and veterinary fees Legal and accounting fees Other	680 1,323 701	1,264 4,499 5,527 3,679	7,887 6,810 9,274 5,873	5,028 5,058 8,634 5,066	77,154 142,019 111,689 65,219	355,239 164,149 187,851 166,444	95,772 48,877 61,840 46,951	135,830 58,578 115,577 91,102	1,048,238 148,837 157,621 155,909	55,117 33,618 66,257 53,411	1,785,939 613,125 725,593 594,355
Total gross operating expenses	71,091	291,302	350,310	340,941	4,556,275	6,968,734	2,789,577	4,801,130	6,459,117	1,768,646	28,397,123
Rebates											
Property taxes Cash wages Interest Electricity Heating fuel Machinery fuel Fertilizer and lime Pesticides Commercial seed Commercial feed Artificial insemination and	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 305 0 0 0 0 0	71,419 0 15,624 0 0 0 0 0 0	0 2,280 0 0 0 3,026 0 0 0	0 0 0 0 0 0 0 0	0	5,588 0 13,000 0	0 0 0 0 0 0 0	100,641 2,280 21,517 0 13,000 4,850 0 0
veterinary fees Livestock purchases	0	0 40	0	0	0	0	0	0	0	0	0 40
Total rebates	0	40	0	305	87,043	5,306	0	31,046	18,588	0	142,328
Operating expenses after rebates	71,091	291,262	350,310	340,636	4,469,232	6,963,428	2,789,577	4,770,084	6,440,529	1,768,646	28,254,795
Depreciation on buildings Depreciation on machinery	1,170 3,947	8,479 29,116	17,617 32,873	11,013 32,013	189,470 382,365	348,914 705,518	35,558 362,308	69,158 875,975	197,779 922,739	84,523	963,681 3,492,170
Total depreciation	5,117	37,595	50,490	43,026		1,054,432	397,866	945,133	1,120,518		4,455,851
Total expenses before rebates	76,208	328,897	400,800	383,967	5,128,110	8,023,166	3,187,443	5,746,263	7,579,635	1,998,485	32,852,974
Total rebates	0	40	0	305	87,043	5,306	0	31,046	18,588	0	142,328
Total expenses after rebates	76,208	328,857	400,800	383,662	5,041,067	8,017,860	3,187,443	5,715,217	7,561,047	1,998,485	32,710,646

Table 1-22 Farm operating expenses and depreciation charges — Agriculture economic statistics — 2002

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes Cash rent Share rent Cash wages, room and board Interest Repairs to buildings and fences Electricity Telephone Heating fuel Machinery fuel Machiner repairs and other Business insurance Custom work Stabilization premiums Crop and hail insurance	237 404 24 14,444 2,967 1,362 1,351 524 1,487 2,200 2,436 1,091 2,501	2,810 12,113 423 55,460 27,475 6,130 5,130 2,512 1,450 14,820 22,700 4,470 9,142 0 1,724	3,147 4,089 303 85,484 26,716 7,368 8,434 3,066 4,323 14,273 21,546 5,679 9,311 27 372	2,678 4,911 361 79,358 23,306 7,287 6,856 3,046 3,143 15,683 25,884 5,605 7,229	128,134 76,622 2,923 664,227 521,218 131,930 114,356 28,461 53,536 154,522 278,921 143,602 149,513 55,742 26,600	95,711 240,479 71,958 1,210,638 552,564 186,936 205,041 60,889 164,551 262,720 426,524 178,056 167,655 0 45,965	64,005 130,481 28,796 257,790 217,742 56,813 61,197 24,332 23,398 172,424 228,097 42,851 103,851 51,816	218,098 181,501 191,442 301,411 320,698 83,685 96,167 56,019 31,287 71,553 156,012 176,318	0	122,303 47,118 46,538 16,597 45,983 66,039	633,124 910,514 404,048 3,655,805 2,327,098 670,426 687,637 259,061 384,320 1,403,384 2,058,286 571,589 672,749 55,780 429,032
Fertilizer and lime Pesticides Commercial seed Irrigation Twine, wire and containers Commercial feed Livestock and poultry purchases Artificial insemination and	1,632 392 1,413 0 1,628 30,846	38,980 29,530 19,590 0 6,077 33,516 1,816	12,261 8,215 12,260 0 8,259 95,785 7,126	21,971 14,805 17,409 0 6,124 77,574 4,620	215,349 98,926 155,899 0 77,489 1,135,773 81,584	422,225 266,825 386,207 0 163,638 1,162,201 339,906	337,860 239,263 112,768 0 12,974 505,006 84,912	598,696 545,108 154,568 1,965 14,560 321,697 180,584	546,838 297,708 141,837 15,861 32,457	62,589 29,765 74,048 3,131 68,685 342,198	2,258,401 1,530,537 1,075,999 20,957 391,891 4,975,877 1,410,583
veterinary fees Legal and accounting fees Other Total gross operating	711 1,406 693	4,845 5,914 3,955	7,287 9,886 6,049	5,483 9,238 5,061	149,546 115,039 69,132	172,356 200,437 161,450	53,471 63,696 45,543	61,507 119,160 92,013	149,879 164,871 149,673	36,072 69,305 54,479	641,157 758,952 588,048
expenses	73,938	310,582	361,266	347,943	4,629,044	7,144,932	2,919,089	4,811,133	6,301,574	1,875,754	28,775,255
Rebates		_				_	_			_	
Property taxes Cash wages Interest Electricity Heating fuel Machinery fuel Fertilizer and lime Pesticides Commercial seed Commercial feed Artificial insemination and	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	72,982 0 5,800 0 0 0 0 0	0 2,462 0 6,700 0 3,472 0 0	0 0 0	15,291 0 0 0 1,305 0 0	0 199 0	0 0 0 0 0 0 0	88,273 2,462 11,714 6,700 199 4,777 0 5,336 0
veterinary fees Livestock purchases	0	0 33	0	0	0	0	0	0	0	0	0 33
Total rebates	0	33	0	0	78,782	12,634	0	16,596	11,449	0	119,494
Operating expenses after rebates	73,938	310,549	361,266	347,943	4,550,262	7,132,298	2,919,089	4,794,537	6,290,125	1,875,754	28,655,761
Depreciation on buildings Depreciation on machinery	1,207 4,182	8,425 27,178	17,686 33,109	10,942 32,121	198,197 380,736	358,950 760,013	35,997 360,204	69,449 840,771	204,559 912,759	90,659 165,262	996,071 3,516,335
Total depreciation	5,389	35,603	50,795	43,063	578,933	1,118,963	396,201	910,220	1,117,318	255,921	4,512,406
Total expenses before rebates	79,327	346,185	412,061	391,006	5,207,977	8,263,895	3,315,290	5,721,353	7,418,892	2,131,675	33,287,661
Total rebates	0	33	0	0	78,782	12,634	0	16,596	11,449	0	119,494
Total expenses after rebates	79,327	346,152	412,061	391,006	5,129,195	8,251,261	3,315,290	5,704,757	7,407,443	2,131,675	33,168,167

Table 1-23
Farm operating expenses and depreciation charges — Agriculture economic statistics — 2003

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	250	2,906	3,254	2,820	137,103	98,391	65,989	223,987	102,680	18,933	656,313
Cash rent	420	13,022	3,946	4,861	79,304	250,820	134,134	188,761	217,964	40,146	933,378
Share rent	23 15.455	402 59.620	327 88.904	412 82.215	3,128 684.154	76,995 1.240.904	30,524 275.835	201,014 310.755	128,753 527.644	4,720	446,297 3.753.125
Cash wages, room and board Interest	3,420	28.967	28,430	26.958	519,040	535,406	275,633	328,582	509,521		2.325.127
Repairs to buildings and fences	1,553	6,743	8,252	7,651	138,527	194,413	57,381	85,359	144,633	49,474	693,986
Electricity	1,399	5,746	8,265	6,719	116,643	197,865	63,033	99,052	149,695	44,211	692,627
Telephone	543	2,599	3,173	3,077	29,315	62,411	25,305	58,260	65,842	17,178	267,703
Heating fuel	1,624	1,701	5,170	3,772	67,991	211,119	26,206	34,103	76,124	52,880	480,689
Machinery fuel	2,321 2,655	15,917 23.608	14,987 21.331	17,251 25.755	163,794 285,894	278,483 439,320	181,045 237,221	389,157 476.391	358,769 483,289	71,322 100,600	1,493,045 2.096.063
Machine repairs and other Business insurance	1,171	4,872	6,031	6,166	155,090	192,300	45,765	76,490	94,327	33,849	616,061
Custom work	2,802	9,965	11,638	8,314	165,960	192,803	119,428	174,734	2,000	74,296	761,939
Stabilization premiums	4	0	35	0	181,526	0	0	0	0	0	181,565
Crop and hail insurance	142	1,613	458	270	24,300	61,232	65,125	220,745	168,363	2,822	545,070
Fertilizer and lime	1,714	36,251	13,119	23,509	215,780	434,892	388,539	718,435	590,585		2,499,620
Pesticides	384	28,054	9,037	15,693	95,958	274,830	251,226	599,619	330,456		1,635,170
Commercial seed Irrigation	1,272 0	16,847 0	13,118 0	17,583 0	169,774 0	387,366 0	121,789 0	163,069 2,091	148,929 14,338	3,117	1,115,277 19,546
Twine, wire and containers	1,823	6.806	9,250	6,859	77.489	176,729	13,493	15,492	35,703	77,202	420.846
Commercial feed	30,877	33,181	93,869	76,798		1,185,445	515,106		1,080,589		4,878,342
Livestock and poultry purchases	5,654	2,737	11,259	7,090	92,688	264,438	54,231	56,649	629,388		1,169,465
Artificial insemination and											
veterinary fees	796	4,990	7,578	5,483	155,528	181,491	56,679	63,352	141,636	36,902	654,436
Legal and accounting fees Other	1,490 700	6,358 3,951	10,133 6,079	9,238 4,884	119,641 73,971	200,437 158,221	66,881 47,820	120,352 82,812	166,520 136,202	69,305 52,845	770,354 567,485
	700	3,931	0,079	4,004	73,971	130,221	47,020	02,012	130,202	52,645	307,403
Total gross operating expenses	78,492	316,856	377,643	363.378	4.950.839	7.296.311	3.067.767	4.994.873	6.303.950	1,923,426	29.673.529
Rebates	, ,	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,,	,,-	.,,	, ,-	.,,.	,, -	-,,
Property taxes	0	0	0	0	77,106	0	0	0	0	0	77,106
Cash wages	0	0	0	0	0	2,624	0	0	0	0	2,624
Interest	Ö	Ö	Ö	Ö	5,500	0	Ö	0	5,802	Ö	11,302
Electricity	0	0	0	0	0	0	0	0	0	0	0
Heating fuel	0	0	0	0	0	0	0	0	2,133	0	2,133
Machinery fuel	0	0	0	0	0	3,001 0	0	822 0	0	0	3,823 0
Fertilizer and lime Pesticides	0	0	0	0	0	0	0	0	4,173	0	4,173
Commercial seed	ő	0	0	0	0	0	ő	0	4,173	Ő	4,170
Commercial feed	0	Ō	0	0	0	Ō	0	0	0	0	Ō
Artificial insemination and											
veterinary fees	0	0	0	0	0	0	0	0	0	0	0
Livestock purchases	0	0	0	0	0	0	0	0	0	0	0
Total rebates	0	0	0	0	82,606	5,625	0	822	12,108	0	101,161
Operating expenses after rebates	78,492	316,856	377,643	363.378	4,868.233	7,290.686	3,067.767	4,994.051	6,291.842	1,923,426	29,572.368
	•	-	•								
Depreciation on buildings Depreciation on machinery	1,243 4,272	8,393 27,743	17,617 32,989	10,902 31,753	201,018 402,452	367,331 735,553	37,171 375,335	71,163 839,457	209,700 921,805	,	1,017,870 3,533,875
Total depreciation	5,515	36,136	50,606	42,655	,	1,102,884	412,506	•	1,131,505	,	4,551,745
Total expenses before rebates	84,007	352,992	428,249	-	-		•	•		2,179,274	
Total rebates	0 1,001	0	0	0	82,606	5,625	0, 100,210	822	12,108	0	101,161
					,	•			,		,
Total expenses after rebates	84,007	352,992	428,249	406,033	5,4/1,/03	0,393,570	3,480,273	5,904,671	1,423,347	2,179,274	34,124,113

Table 1-24 Farm operating expenses and depreciation charges — Agriculture economic statistics — 2004

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	252	3,060	3,287	2,930	147,797	101,048	68,035	223,987	105,555	19,501	675,452
Cash rent	433	13,442	4,143	5,200	80,890	255,836	138,020	194,423	224,503	42,956	959,846
Share rent	22	382	301	379	3,206	86,234	28,998	215,085	125,534	3,776	463,917
Cash wages, room and board Interest	16,228 3,273	61,408 29,052	86,681 29,074	82,462 26,975	711,520 504,565	1,242,145 525,303	286,868 223,243	307,647 309,432	523,423 488,030		3,802,389 2,256,474
Repairs to buildings and fences		6.716	8.912	7.422	145,453	194.997	61,398	83,652	147,526	51.948	709.691
Electricity	1,484	5,861	8,182	6,927	118,976	199,844	63,033	97,071	140,713	43,327	685,418
Telephone	559	2,651	3,141	3,169	29,901	64,907	25,305	59,425	65,184	17,694	271,936
Heating fuel	1,819	1,879	5,558	4,070	69,690	201,619	30,137	38,196	76,504	56,053	485,525
Machinery fuel	2,646	17,349	16,635	19,149	188,363	310,508	197,340	429,240	387,470		1,647,867
Machine repairs and other	2,788	23,560	22,824	26,528	297,330	450,742	239,593	481,155	490,538		2,136,663
Business insurance	1,234	5,306	6,562 12,569	6,665	163,465	206,146 202,443	49,106	80,926 197,449	97,817 22,000	37,200 83,212	654,427 853.918
Custom work Stabilization premiums	3,222 1	11,161 0	26	9,312 0	190,854 174,084	202,443	121,697 0	197,449	22,000	03,212	174,112
Crop and hail insurance	18	2,559	287	401	21,813	53,531	80,902	206,870	156,476	2,667	525,524
Fertilizer and lime	1,748	36,614	12.857	22,804	221,174	425,759	382,322	704,066	602,397		2,491,145
Pesticides	415	27,969	9,353	16,085	99,317	285,823	247,458	598,420	340,370		1,655,573
Commercial seed	1,462	13,141	12,593	14,946	179,960	397,050	119,963	154,100	150,418		1,120,673
Irrigation	0	0	0	0	0	0	0	2,251	14,220	3,126	19,597
Twine, wire and containers	1,914	6,543	8,856	6,859	82,325	182,030	14,169	16,422	36,060	77,439	432,617
Commercial feed	33,965	36,167	96,216	77,182		1,209,154	546,528	299,500	918,501		4,787,219
Livestock and poultry purchases Artificial insemination and	4,485	1,523	9,428	5,076	93,602	210,588	46,258	52,303	661,202	52,112	1,136,577
veterinary fees	852	4.915	7.654	5,538	157,083	183,306	55,262	58,284	134,554	35,394	642.842
Legal and accounting fees	1,565	6,612	10,133	9,579	124,307	199,491	68,887	119,332	163.074	69.305	772.285
Other	742	4,109	6,383	4,737	78,779	157,746	45,429	81,570	140,289	55,487	575,271
Total gross operating											
expenses	82,796	321,979	381,655	364,395	5,130,624	7,346,250	3,139,951	5,010,806	6,212,358	1,946,149 2	29,936,958
Rebates											
Property taxes	0	0	0	0	84,384	0	974	0	0	0	85,358
Cash wages	0	0	0	0	0	2,624	0	0	0	0	2,624
Interest	0	0	0	0	3,400	0	0	0	5,591	0	8,991
Electricity	0	0	0	0	0	0	0	0	0 700	0	0.700
Heating fuel Machinery fuel	0	0	0	0	0	0 2,514	0	0	3,702 0	0	3,702 2,514
Fertilizer and lime	0	0	80	0	0	2,314	0	0	0	0	2,314
Pesticides	ŏ	ő	0	ő	ŏ	ő	ő	ő	9,336	ő	9,336
Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed	0	0	0	0	0	0	0	0	0	0	0
Artificial insemination and											
veterinary fees	0	0	0	0	0	0	0	0	143	0	143
Livestock purchases	0	0	0	0	0	0	0	0	0	0	0
Total rebates	0	0	80	0	87,784	5,138	974	0	18,772	0	112,748
Operating expenses after rebates	82,796	321,979	381,575	364,395	5,042,840	7,341,112	3,138,977	5,010,806	6,193,586	1,946,149 2	29,824,210
Depreciation on buildings Depreciation on machinery	1,279 4,524	8,419 29,513	17,607 34,393	11,060 32,774	201,174 381,746	377,157 702,403	37,601 366,651	72,058 847,280	216,737 898,018		1,043,397 3,457,843
Total depreciation	5,803	37,932	52,000	43,834	582,920	1,079,560	404,252	919,338	1,114,755	260,846	4,501,240
	88,599	359,911	433,655	408,229	5,713,544	8,425,810	3,544,203	5,930,144	7,327,113	2,206,995 3	34,438,198
Total expenses before rebates	,										
Total expenses before rebates Total rebates	0	0	80	0	87,784	5,138	974	0	18,772	0	112,748

Table 1-25
Farm operating expenses and depreciation charges — Agriculture economic statistics — 2005

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	253	3,133	3,471	3,112	156,665	105,797	69,192	228,915	107,138	19,969	697,645
Cash rent	450	14,127	4,350	5,512	83,316	275,024	140,780	207,838	246,055	45,104	
Share rent Cash wages, room and board	22 16,861	378 63,250	319 90,582	394 85,348	2,821 736,423	73,299 1,279,409	23,198 281,131	202,180 316,877	106,704 546,977	4,380	413,695 3,917,805
Interest	3,510	30,264	30,804	29,183	529,435	541,556	229,015	328,008	480,542		2,320,884
Repairs to buildings and fences	1,728	6,736	9,135	7,793	149,816	205,527	60,170	86,998	153,427	54,025	735,354
Electricity	1,558	6,037	8,427	7,232	121,356	215,832	66,185	101,245	139,306	43,327	710,504
Telephone Heating fuel	559 2,165	2,704 2,236	3,204 6,614	3,204 4,765	30,290 76,032	67,503 212,909	25,659 31,191	59,425 40,106	67,140 84,920	17,942 62,163	277,630 523,102
Machinery fuel	3,071	19,778	18,964	22,404	215,675	363,295	230,887	531,399	484,338	94,209	1,984,021
Machine repairs and other	2,983	23,796	23,281	27,854	307,736	459,757	235,520	490,778	505,254	105,670	2,182,629
Business insurance	1,304	5,539	6,792	6,885	168,042	210,063	49,941	85,134	103,001	40,102	676,803
Custom work Stabilization premiums	3,866 1	12,277 0	12,808 32	8,939 0	208,030 102,592	198,394 0	120,480 0	217,194 0	23,100 0	89,036 0	894,126 102.625
Crop and hail insurance	14	3.065	307	1,660	20.032	43.631	59,341	216,319	159,381	3.476	507.226
Fertilizer and lime	1,800	37,712	13,551	24,035	234,445	451,305	366,647	732,229	619,264		2,564,427
Pesticides	407	28,249	9,821	16,375	100,310	297,256	227,661	634,325	349,220		1,695,504
Commercial seed	1,418 0	13,798 0	12,392 0	15,544 0	179,601 0	401,021 0	118,763 0	161,805 2.353	157,939 14.159	79,351 3,113	1,141,632 19.625
Irrigation Twine, wire and containers	1,998	6.896	9.201	6.996	92.204	189.134	13,531	16.422	38,945	75.116	450.443
Commercial feed	32,946	31,936	88,519	71,780		1,064,055	491,875	269,550	848,694		4,324,924
Livestock and poultry purchases Artificial insemination and		2,608	9,555	5,074	124,819	266,238	56,986	75,260	800,429		1,413,704
veterinary fees	901 1,620	5,138 6,956	8,037 10,338	5,760 9,968	161,663 129,279	190,638 203,481	57,704	60,149 121,481	141,282 167,640	37,164 69,305	668,436 789,644
Legal and accounting fees Other	786	3,904	6,447	4,804	81,143	168,789	69,576 48,609	87,279	141,691	57,706	601,158
Total gross operating		-,	-,	.,	,	,	,	,	,	,	,
expenses	84,570	330,517	386,951	374,621	5,102,124	7,483,913	3,074,042	5,273,269	6,486,546	2,039,549	30,636,102
Rebates											
Property taxes	0	0	0	0	93,404	0	19,676	0	0	0	113,080
Cash wages	0	0	0	0	0	2,624	0	0	0	0	2,624
Interest Electricity	0	0 0	300 0	0	2,300	0	0	0	5,283 0	0	7,883 0
Heating fuel	0	0	0	0	0	0	0	0	3,504	0	3.504
Machinery fuel	0	0	0	0	0	2,816	0	0	0	0	2,816
Fertilizer and lime	0	0	226	0	0	0	0	0	0	0	226
Pesticides Commercial seed	0	0 0	0	0	0	0	0	0	2 0	0	2
Commercial feed Artificial insemination and	0	0	0	0	0	0	0	0	0	0	Ö
veterinary fees	0	0	0	0	0	0	0	0	8,011	0	8,011
Livestock purchases	0	0	0	0	0	0	0	0	0	0	0
Total rebates	0	0	526	0	95,704	5,440	19,676	0	16,800	0	138,146
Operating expenses after	04 ===	200 -4-	200 40-	074 004	E 000 400	7 470 450	0.054.000	F 070 000	0.400 = 40	0.000 = 45	00 407 07
rebates Depreciation on buildings	84,570 1,340	330,517 8,364	386,425 17,491	374,621 10,879	201,592	7, 478,473 383,679	3,054,366 38,370	72,748	225,689		1,066,427
Depreciation on machinery	4,907	31,917	36,594	34,832	419,074	727,928	370,540	842,433	921,058		3,548,346
Total depreciation Total expenses before rebates	6,247 90,817	40,281 370,798	54,085 441,036	45,711	620,666	1,111,607	408,910 3,482,952	915,181	1,146,747	265,338	4,614,773
Total rebates	0	0	526	0	95,704	5,440	19,676	0	16,800	0	138,146
Total expenses after rebates	90,817	370,798	440,510		•	•	•	6,188,450	•		•

Table 1-26 Farm operating expenses and depreciation charges — Agriculture economic statistics — 2006

	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	Alberta	British Columbia	Canada
					thousa	nds of doll	ars				
Gross operating expenses											
Property taxes	262	3,290	3,655	3,292	168,571	109,288	70,576	206,024	110,995	20,928	696,880
Cash rent	453	14,692	4,372	5,732	85,815	284,650	147,819	216,152	260,818		1,069,216
Share rent	24 17,535	352	322 93,752	331 87,482	2,934 759,252	74,032 1,321,630	27,838 289,565	186,006 320,362	108,838	3,592	404,269 4,036,287
Cash wages, room and board Interest	4,645	65,844 30,996	34,968	32,855	613,855	631,455	278,257	364,321	563,386 560,498		2,700,960
Repairs to buildings and fences	1.812	6.878	9.108	7.769	154,011	209.637	61,794	88.303	156,495	56.187	751,994
Electricity	1,628	5,983	9,008	7,427	126,210	229,213	66,251	104,181	161,177	44,713	755,792
Telephone	580	2,726	3,226	3,230	30,441	68,786	25,916	59,128	68,416	18,103	280,552
Heating fuel	2,316	2,326	6,779	4,932	72,991	234,200	33,219	40,346	78,551	63,096	538,756
Machinery fuel Machine repairs and other	3,290 3,162	21,064 24.605	20,102 23,723	23,301 27,743	225,381 313,891	385,092 470,791	255,592 243,999	554,781 495,686	510,008 510,307		2,094,703 2,221,267
Business insurance	1,299	5.561	7.193	7.057	171.403	219.726	52.438	89.391	110,211	42.187	706.466
Custom work	4,071	13,149	14,089	10,101	210,111	214,266	125,299	228,054	24,486	92,153	935,778
Stabilization premiums	1	0	34	0	135,367	0	0	0	0	0	135,402
Crop and hail insurance	97	4,436	353	1,752	25,188	41,699	69,464	200,055	157,591	3,908	504,543
Fertilizer and lime Pesticides	1,908 413	40,767	14,229 10.066	25,717	232,335	482,896	409,911	729,300 631.154	640,938		2,663,109
Commercial seed	1,517	28,870 18,821	13,012	16,620 19,585	98,805 184,989	297,256 399,417	244,736 127,670	160,996	356,204 160,150		1,715,686 1,164,715
Irrigation	1,517	0	0,012	0	0	0.55,417	0 127	2.212	14.022	3,073	19.306
Twine, wire and containers	2,096	7,179	9,643	7,185	94,970	202,373	15,561	16,274	40,503	78,721	474,505
Commercial feed	34,593	31,552	87,545	70,488	1,079,495	999,148	494,334	283,027	905,557		4,309,515
Livestock and poultry purchases Artificial insemination and		1,477	9,233	5,176	129,030	262,737	65,797	122,566	779,000	,	1,438,214
veterinary fees	965	5,292	8,519	5,933	163,280	196,357	58,166	63,457	146,368	37,833	686,170
Legal and accounting fees Other	1,661 794	7,130 3,962	10,596 6,795	10,217 4,765	134,062 84,956	206,533 168,620	70,828 48,463	123,668 89,025	167,305 140,274	70,137 58,745	802,137 606,401
Total gross operating											
expenses	89,223	346,952	400,322	388,690	5,297,343	7,709,802	3,283,493	5,374,469	6,732,098	2,090,230	31,712,623
Rebates											
Property taxes	0	0	0	0	99,708	0	19,996	0	0	0	119,704
Cash wages	0	0	0	0	0	2,624	0	0	0	0	2,624
Interest	0	0	454 0	0	2,300	0	0	0	4,981 0	0	7,735 0
Electricity Heating fuel	0	0	0	0	0	0	0	0	6,272	0	6,272
Machinery fuel	ő	0	0	0	0	2,099	ő	0	0,272	ő	2,099
Fertilizer and lime	0	0	211	0	0	0	0	0	0	0	211
Pesticides	0	0	0	0	0	0	0	0	0	0	0
Commercial seed	0	0	0	0	0	0	0	0	0	0	0
Commercial feed Artificial insemination and	0	0	0	0	0	0	0	0	0	0	0
veterinary fees	0	0	0	0	0	0	0	0	5,875	0	5,875
Livestock purchases	Ö	ő	Ö	ő	Ö	ő	ő	Ö	0,070	Ö	0,070
Total rebates	0	0	665	0	102,008	4,723	19,996	0	17,128	0	144,520
Operating expenses after rebates	89,223	346,952	399,657	388,690	5,195,335	7,705,079	3,263,497	5,374,469	6,714,970	2,090,230	31,568,103
Depreciation on buildings Depreciation on machinery	1,418 5,034	8,309 32,892	17,521 36,431	10,785 34,615	200,409 398,802	392,426 718,476	38,936 365,016	73,233 829,712	233,883 919,942		1,089,118 3,502,216
Total depreciation	6,452	41,201	53,952	45,400	599,211	1,110,902	403,952	902,945	1,153,825	273,494	4,591,334
Total expenses before rebates	95,675	388,153	454,274	434,090	5,896,554	8,820,704	3,687,445	6,277,414	7,885,923	2,363,724	36,303,957
Total rebates	0	0	665	0	102,008	4,723	19,996	0	17,128	0	144,520
	95,675	388,153	453,609	434,090							

General information

This publication is part of a series of bulletins that also includes:

21-007-X	Farm product price index
21-010-X	Net farm income - Agriculture economic statistics
21-011-X	Farm cash receipts - Agriculture economic statistics
21-013-X	Value of farm capital - Agriculture economic statistics
21-014-X	Farm debt outstanding - Agriculture economic statistics
21-015-X	Direct payments to agriculture producers - Agriculture economic statistics
21-016-X	Balance sheet of the agricultural sector - Agriculture economic statistics
21-017-X	Agriculture value added account - Agriculture economic statistics
21-018-X	Farm business cash flows - Agriculture economic statistics

This publication presents annual estimates of farm operating expenses and depreciation charges and its components starting from 1981. Data highlights are provided for the most current year.

All series can be obtained free on the internet at the Statistics Canada web site (www.statcan.ca). Notes on concepts and methods are also included for each data series.

Data from 1926 to 1980 inclusive are available in the November 2004 publication of **Farm operating expenses and depreciation charges - Agriculture economic statistics**, Catalogue no. 21-012-X, vol. 3, no. 2.

The electronic publication is first available in May. It includes preliminary estimates for the calendar year just ended. The following November, the publication is re-issued with revisions to the preliminary estimates. Revisions to the May issue can extend back two years, while those in November generally apply to three years. The date provided at the bottom of each table is the last time that a revision was made to that table.

Most data appearing in this publication are available through the Canadian Socio-Economic Information Management System (CANSIM), Statistics Canada's corporate computerized data base network and information retrieval service.

Statistics Canada is committed to ensuring that there is no disclosure of confidential material and therefore all data are subjected to restrictions prior to release.

Farm operating expenses

National and provincial level estimates of farm operating expenses and depreciation charges from 1981 to date are included in this publication. The estimates present gross expenses and rebates (where applicable) are shown for each item. Gross expenses, net expenses and rebates are available on CANSIM.

Preliminary estimates of a calendar year are published in May of the following year (i.e. five months after the end of the reference year). The November issue revises these estimates to incorporate data received too late to be included in the first release, data revisions received from administrative source agencies, and to incorporate estimates from the Taxation Data Program (TDP), based on 60 to 80% of the sample. Updates based on the 100% TDP sample are incorporated into the issue released the following May (i.e. 17 months after the end of the reference year).

Concepts

Estimates of farm operating expenses represent business costs incurred by farm operators for goods and services used in the production of agricultural commodities. All expense information is on a calendar year basis. If direct rebates are paid to farmers to reduce the cost of particular inputs, then the net expense estimates are used in the preparation of net income, although both gross and net expenses may be displayed. As the objective is to produce provincial estimates of net income, flows from one farm to another are excluded from the estimates. The province can be viewed as one large farm.

Property tax estimates include municipal and school taxes on agricultural land and buildings owned and operated by farmers. They exclude property tax on land rented to others as this is not the business of producing agricultural goods. Taxes on land rented from others are also excluded as this is accounted for in rent expenses. The personal share of property taxes on the farm house is excluded.

Cash rent expenses are estimated for rent paid for land and buildings rented from the government or private sector, including other farmers. Taxes paid on property rented from others and community pasture or grazing fees are included. Quota rental and machine rental costs are excluded. Share rent expenses are estimated for the value of rent which is paid on a share crop basis.

Cash wages and room and board estimates include farm wage and salary expenses for hired labour. Wages for the family, including the spouse and children, are also part of this estimate. An increase in family wages would decrease net farm income but leave family income unchanged. Employer contributions for Worker's Compensation, Employment Insurance and the Canada Pension Plan are included. A separate estimate was made for room and board expense prior to 1986.

Interest expense estimates are made for interest paid on all farm business loans such as mortgages or credit from suppliers and private individuals. Payments on the principal are excluded. Interest paid on land rented to others or on the personal portion of the farm house are explicitly excluded.

Repairs to buildings and fences expenses include all of the costs associated with the repair and maintenance of farm buildings and fencing, including the farm business share of the farm house. Expenses associated with capital improvements, such as renovations or alterations and new building or fence construction are excluded. A separate estimate was made for repairs to fences expense prior to 1986.

Electricity and telephone expenses are estimated for the farm business only. The personal use portion of these expenses and installation costs is excluded.

Heating fuel expenses include heating and grain drying with oil, propane, natural gas, wood and coal. The farm business share of home heating is included.

Fuel expenses include petroleum, diesel oil and lubricants used for all types of machinery and equipment from tractors and combines to generators and irrigation pumps. Only the farm business share of such expenses is included.

Machinery repair and other machinery expenses are estimated for repairs and maintenance, licence, registration and insurance costs for farm vehicles and machinery. These estimates include the cost of parts, labour and the farm business share of automobile and truck maintenance.

Fertilizer and lime expenses include all costs associated with the purchase of fertilizer and lime including spreading, if it is part of the cost. A separate estimate was made for **lime** expense prior to 1986.

The estimate for **pesticides** represents farm expenditures for all pesticides, herbicides, insecticides and fungicides. If the application of pesticides is part of the cost it is also included.

Commercial seed expenses include the value of seed and seedlings purchased by farmers through commercial channels, such as elevators, seed houses and seed dealers. The estimates exclude expenses for seed purchased from other farmers as this is an interfarm transfer in the provincial accounting system. The value of home-grown seed and the value of seed bought for resale are excluded. Seed cleaning and treatment costs are included if they are part of the purchase cost. Prior to 1973, purchases also included nursery stock. From 1973 to 1982, farmers' purchases of nursery stock have been deducted from nursery stock receipts in the farm cash receipts account. Since 1983, only nursery stock purchases from within the same province have been deducted.

Irrigation expense estimates are for the purchase of water or water rights, and exclude the operation or purchase of irrigation equipment.

Twine, wire and containers expenses include farmers' costs for the purchase of baler twine, binder twine, baling wire, plastic wraps and containers. Containers include burlap and plastic bags, wood and cardboard boxes, plant pots and flats, egg cartons and trays, etc. Large containers, such as grain bins, are not included since these are considered capital expenditures.

Crop and hail insurance expenses include the premiums which farmers pay towards both private and government programs. Prior to 1971, crop insurance and business insurance expenses are combined in a total insurance expense. Crop insurance indemnities have been included in the cash receipts account since 1971.

Commercial feed expenses are estimated in the same manner as those for seed. Only the cost of feed and feed supplements purchased by farmers through commercial channels is included: the value of feed bought from other farmers and the value of home-grown feed are therefore excluded. Hay and straw costs are included.

Livestock purchase estimates represent only interprovincial and international trade of cattle, calves, weanling pigs and lambs moving directly to farms. Stock bought and sold between farmers in the same province are not included. From 1971 to 1996, livestock purchase estimates included poultry purchases. **Poultry purchases** represented the cost of purchasing chicks, pullets, turkeys, geese, ducks, and all other types of poultry from hatcheries. Prior to 1997, hatcheries were considered outside of the agricultural sector. With the inclusion of hatcheries in the agricultural sector, beginning in 1997, under the North American Industry Classification System (NAICS), expenses for poultry purchases have decreased. Movements of birds between farms - including purchases from hatcheries - within the same province are not included.

The **artificial insemination fees and veterinary** expenses estimates represent all costs which farmers incur when obtaining these services, such as medicine, semen, and technical or professional assistance.

Business insurance expenses for 1971 to date represent the gross amount of premiums paid to protect the capital employed in agricultural production. Estimates for earlier years are net of indemnities and are included with crop insurance expenses.

Custom work expenses are net and represent the difference between custom work expenses and custom work receipts. They include custom work, contract work and machine hire expenses. Expenses with benefits spread out over many years such as land clearing are excluded.

Stabilization premiums are expenses which farmers pay to belong to stabilization programs.

Legal and accounting fees which are pertinent to the farming operation are included. Prior to 1990, legal and accounting fees were a part of **other expenses**.

Other expenses include items which are not covered elsewhere in the accounts such as office and promotion expenses. Legal and accounting fees were part of other expenses before 1990. They are now one separate item.

Methods and data quality

Preliminary estimates of each farm operating expense except interest, irrigation, livestock and poultry purchases, crop and hail insurance, and stabilization premiums are obtained by applying price and quantity indicators to the previous year's final estimates. Prior to 1991, most of the final estimates of farm operating expenses came from the National Farm Survey (NFS) and a sample of farmers' income tax records for unincorporated farms outside of the Prairies. From 1991 to date, the Taxation Data Program (TDP) is the main data source. The first sets of estimates, based on a 60 to 90% TDP sample, are published in the November issue of the following year. Estimates based on the complete TDP sample are published in the May issue, 17 months after the end of the reference year.

In summary, during non-intercensal review periods, revisions are within 1 to 2% of the original estimate, and may cover three years preceding the reference year for the November issue, and two years for the May release.

Revisions are also incorporated into this series after the results of each Census of Agriculture have been reviewed. Concepts, methods and format may also be changed at this time, to provide a historical time series which is methodologically and conceptually consistent. The most recent intercensal reviews have resulted in revisions to the estimate of total gross farm operating expenses, at the Canada level, of 1.6%.

For information about intercensal revisions, please refer to **Farm operating expenses and depreciation charges** - **Agriculture economic statistics**, Catalogue no. 21-012-X, vol.2, no.2.

To obtain detailed technical information on the data quality of the Taxation Data Program, whose estimates form the base of this series, users can refer either to the introductory page or to **Economic Overview of Farm Incomes**, Catalogue no. 21-005-X.

For the other expense items (interest, irrigation, livestock and poultry purchases, crop and hail insurance, and stabilization premiums), preliminary estimates of the previous calendar year are published in the May Agriculture Economic Statistics (AES) and includes all data received from source agencies or Statistics Canada sources at the time of release. The November issue revises these to incorporate changes made by the source agencies, and to accommodate data received too late to be included in the first release.

Interest expenses are estimated from administrative data prepared by banks, credit unions, the Farm Credit Canada, federal and provincial governments, and from Agriculture and Agri-Food Canada. The data are adjusted to conform to the required concepts. Examples of such adjustments would be converting fiscal year data to a calendar year basis, or the exclusion of the personal share portion of the interest on the house mortgage.

Irrigation expense estimates come from the Association of British Columbia Irrigation Districts, Alberta Agriculture, the Saskatchewan Water Corporation, and the Prairie Farm Rehabilitation Administration.

Livestock purchase expense estimates are based on international and interprovincial import data. The number of animals imported interprovincially and internationally is obtained from supply and disposition balance sheets published by the Livestock and Animal Products Section. The values for animals imported interprovincially are based on prices received by farmers in the exporting province, as compiled by the Farm Income and Prices Section (FIPS). Transportation costs between provinces, as provided by the transportation industry, are added to the livestock purchase expense. The value of animals imported internationally is calculated using International Trade Division data.

Prior to 1997, **poultry purchase** expense estimates included the cost of purchasing chicks from hatcheries. With hatcheries becoming part of the agricultural sector in 1997, only the value of chicks and hatching eggs imported interprovincially and internationally is measured. Quantities of pullet and broiler chicks, turkey poults and chicken and turkey hatching eggs are obtained from Agriculture and Agri-Food Canada. Prices are obtained from the Canadian marketing agencies for eggs, broiler hatching eggs and turkeys. International import prices are obtained through the International Trade Division, Statistics Canada.

Crop and hail insurance estimates come from the Canadian Hail Underwriters Association and Agriculture and Agri-Food Canada's administrative data.

Stabilization premium estimates are provided by Agriculture and Agri-Food Canada. The method for handling stabilization premiums was revised as part of the 1971 1987 intercensal revisions. For 1971 to date, premiums are reported in the farm operating expenses series.

Depreciation charges

Concepts

Depreciation charges against the farm business are intended to account for economic depreciation or the loss in fair market value of the capital assets. Generally, depreciation is considered to occur as a result of ageing, wear and tear, and obsolescence. It represents the value of capital which is no longer available for future use. Economic depreciation should not be confused with accounting depreciation, tax depreciation, or capacity depreciation.

Building depreciation estimates the depreciation of farm buildings on owner occupied farms, including the farm business share of houses. The charge for building depreciation on tenant occupied farms is assumed to be included in the cost of cash or share rent. Machinery depreciation estimates the depreciation of the farm business share of autos and trucks and the depreciation of other machinery, which are owned by the farm business. Autos, trucks and machinery, which the farmer leases, are not depreciated.

Methods and Data Quality

The depreciation on farm buildings is based on the value of farm land and buildings. Provincial owner-occupied proportions are derived from the Census of Agriculture estimates of land tenure. The proportions of houses and other buildings to land are derived from the special 1958 Farm Income and Expenditure Survey, with some adjustments prior to 1984 to account for changes in the proportions over time. The business share of the house was based on tax allowances and expert opinion. These proportions are used to derive the owner-occupied farm business share of the value of farm houses and other buildings. Depreciation is calculated using the declining balance method where the appropriate capital value is multiplied by the depreciation rate. The depreciation rate is 2% for farm houses and 5% for other buildings. It would take 80 and 31 years, respectively, to depreciate 80% of the value from any particular year, using the declining balance method.

Depreciation of autos, trucks and other farm machinery are based on their respective capital value series, using the declining balance method. Depreciation rates vary by province, but range between 9% and 17%. It would take approximately 17 and 9 years, respectively, to depreciate 80% of the value from any particular year, using this method. Only the farm business portion of depreciation on autos or trucks is included. The business share of the autos and trucks was based on tax allowances and expert opinion.

An analysis of the quality of depreciation data was done in 1994. Weaknesses which were identified and remain unresolved include: the use of the change in value of farm land and buildings to estimate farm building depreciation; the use of a conceivably outdated 1958 survey as a benchmark; the omission of fencing as depreciable capital; and the use of indirect sources of information on the proportion of owned assets to total assets. A report on the results of this analysis was prepared and is available on request.

Leasing of automobiles, trucks and farm machinery

Beginning in the early 1990's, the leasing of vehicles and farm machinery became increasingly common. That portion of the value of autos, trucks and farm machinery that was being leased by farmers was removed from the depreciation calculation.

Machinery and equipment is separated into five categories:

- (a) Automobiles,
- (b) Trucks,

- (c) Tractors,
- (d) Self-propelled combines,
- (e) All other machinery.

The practice of leasing is most common for the first four categories (above) while "all other machinery" is, for the most part, owned outright by farmers.

Decisions made on basis of information provided by manufacturers, dealers, surveys, administrative data, etc. are as follows:

- 1. Automobiles, trucks, tractors, and self-propelled combines purchased prior to 1992 were not purchased under a lease agreement.
- 2. The capital value owned by the farm operator used in calculating depreciation was reduced when the leasing calculations began in 1992.

Automobiles and trucks

It is assumed that at the end of the lease agreement for automobiles and trucks (i.e., after 3 years) either the leasee buys the vehicle outright at a "buy out" value or another farmer buys the used vehicle outright or the leasee returns the vehicle to the dealer who sells them to the non-agriculture sector.

Tractors and self-propelled combines

At the end of the lease agreement for tractors (i.e., after 4 years) and self-propelled combines (i.e., after 3 years) either the leasee buys the machinery outright at a "buy out" value or another farmer buys the used machinery outright. In either case, the value of used farm machinery purchased outright is included in the total value of owned farm machinery.

Rebates

Concepts

National and provincial estimates of rebates paid directly to farmers represent a reduction in business costs incurred in the production of agricultural commodities. Rebates, paid by various governments, are calculated on a calendar year basis. In this publication, the actual rebate estimate is displayed.

Methods and data quality

The rebate estimates include all payments made directly to producers under federal, provincial and municipal expense reducing programs. Administrative data are obtained directly from provincial departments of agriculture and of finance.

As the data are obtained directly from those agencies administering the rebate programs, and making payments to the producers, they are deemed to be of good quality.

For more information on historical programs, please see the footnotes following the tables in Direct payments to agriculture producers - Agriculture economic statistics, Catalogue no. 21-015-X.

Impact of using the North American Industry Classification System (NAICS)

Statistics Canada has been using the 1980 Standard Industrial Classification system (SIC) for collecting, compiling and disseminating economic statistics on Canada's businesses. Beginning with the 1997 reference year, the North American Industry Classification System (NAICS), which includes hatcheries and farms with only Christmas trees in the agricultural sector, was introduced. The impact of this added less than 1% to farm cash receipt and total operating expenses.

Changes to 1997 Farm operating expenses

Operating expenses (wages, fuel, electricity, etc.) of hatcheries and farm operations with only Christmas trees were added to the expenses. The bases for these estimates were the 1996 Census of Agriculture and the Taxation Data Program. With hatcheries becoming part of the agriculture sector, poultry purchase expenses fell. Intraprovincial purchases of both eggs by hatcheries and chicks by poultry and egg farms became interfarm purchases and were removed from the estimate. Data on interprovincial movements and imports of chicks and poults provided by Agriculture and Agri-Food Canada were used to remove these interfarm purchases.

These changes resulted in a 0.2% drop in operating expenses after rebates.

Impact on Farm operating expenses:

· additional operating expenses: +\$267.8 million

changes to poultry purchases: -\$326.3 million

Net impact: -\$58.5 million

Text table 1 Impact of including NAICS on farm operating expenses

		1997						
	Expenses added	Interfarm purchases (eggs and chicks)	Total change					
	millions of dollars							
Altantic provinces Quebec Ontario Manitoba Saskatchewan Alberta British Columbia	28,509 89,166 107,308 11,998 4,055 14,463 12,330	-13,313 -83,892 -115,600 -22,634 -6,925 -36,176 -47,794	15,196 5,274 -8,292 -10,637 -2,870 -21,713 -35,464					
Canada	267,828	-326,333	-58,505					