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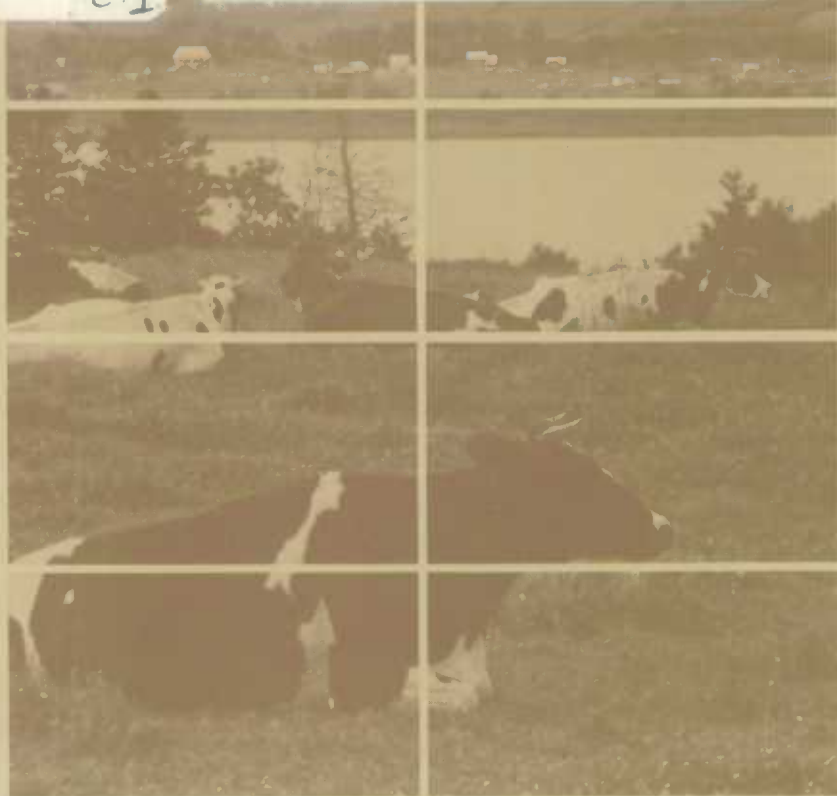
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# Farming facts 1982

Statistical Insights on  
Crops, Livestock,  
Poultry, Farm  
Income, Investment  
and Expenses



Canada



This booklet highlights some of the wide range of data Statistics Canada provides the nation through the co-operation of farm operators and managers.

Decisions on behalf of the farmer must be based on reliable facts. Without the assistance of respondents in the farming community, important information such as this could not be obtained or would not be so timely.

These statistics have been gathered through various regular surveys such as the Farm Enumerative Survey (FES) and the Agriculture Enumerative Survey (AES), conducted by Statistics Canada's Agriculture Statistics Division, and a survey carried out by the Farm Credit Corporation.

They are an example of the data that provide a basis for sound decision-making by farmers, their associations, marketing boards, financial institutions and governments — all with the aim of improving the industry's position in the economy.



**How many animals and birds?**

(livestock numbers, July 1, 1981)

Province	Pigs	%	Laying hens	%	Cattle and calves	%	Dairy cows	%	Sheep and lambs	%
Nfld	18,000	-	326,000	1	6,600	-	2,500	-	8,200	1
P.E.I.	97,000	1	161,000	-	103,000	-	22,800	1	7,500	1
N.S.	122,000	1	891,000	4	139,000	1	35,300	2	40,000	5
N.B.	68,000	-	519,000	2	112,000	-	28,000	2	14,500	2
Que.	3,040,000	33	4,059,000	17	1,758,000	13	745,000	42	82,000	11
Ont.	3,035,000	33	8,664,000	37	3,025,000	22	560,000	32	210,000	28
Man.	800,000	9	2,511,000	11	1,170,000	8	81,000	5	24,000	3
Sask.	578,000	6	1,317,000	6	2,550,000	18	72,000	4	103,000	14
Alta.	1,255,000	14	2,489,000	10	4,230,000	31	137,000	8	205,000	27
B.C.	245,000	3	2,770,000	12	773,000	6	79,000	4	62,000	8
Canada	9,258,000	100	23,707,000	100	13,866,600	100	1,762,600	100	756,200	100

Source: Various Agriculture Statistics Division surveys.

The percentage figures may not equal the total due to rounding.

- indicates provinces where figures were less than 1% of the Canada total.

NOTE: (%) Percentage of Canada total.



### Where are the farms? How big? (1981)

Province	Total number of farms	Total farm land area (acres)	Average farm size (acres)	Average improved farm land area (acres)
Nfld	700	86,000	123	41
P.E.I.	3,000	760,000	253	177
N.S.	5,900	1,703,000	289	87
N.B.	3,700	1,181,000	319	126
Que.	50,000	9,993,000	200	121
Ont.	84,000	14,238,000	170	129
Man.	29,100	19,459,000	669	458
Sask.	68,600	68,269,000	995	724
Alta.	58,000	53,705,000	926	536
B.C.	20,000	6,579,000	329	114
Canada	323,000	175,973,000	545	355

Source: Various Agriculture Statistics Division surveys.



**What is being produced? Where?**

(Percentage of Canadian production by province, 1981)

Field crops — 1981 production	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada*
Winter wheat	—	—	—	—	70	—	—	30	—	100
Spring wheat	—	—	—	—	—	15	58	26	1	100
Durum wheat	—	—	—	—	—	6	78	16	—	100
All wheat	—	—	—	—	3	14	57	25	—	100
Oats for grain	1	—	1	10	8	14	24	39	1	100
Barley for grain	1	—	—	1	4	17	25	49	2	100
Fall rye	—	—	—	1	8	24	33	33	1	100
Spring rye	—	—	—	—	—	4	56	40	—	100
All rye	—	—	—	1	7	23	34	33	1	100
Mixed grains	5	—	1	8	59	7	5	14	—	100
Flaxseed	—	—	—	—	—	56	32	12	—	100
Rapeseed	—	—	—	—	—	19	38	42	1	100
Corn for grain	—	—	—	10	82	8	—	—	—	100
Buckwheat	—	—	—	16	—	84	—	—	—	100
Peas, dry	—	—	—	—	—	73	15	11	—	100
Soybeans	—	—	—	—	100	—	—	—	—	100
Beans, dry white	—	—	—	—	100	—	—	—	—	100
Mustard seed	—	—	—	—	—	21	56	23	—	100
Sunflower seed	—	—	—	—	—	98	2	—	—	100
Tame hay	1	1	1	21	27	9	9	24	7	100
Fodder corn	1	1	1	26	62	3	—	3	3	100
Sugar beets	—	—	—	14	—	27	—	59	—	100

\* excludes Newfoundland.

Source: Derived from the November Estimate of Production of Principal Field Crops, Canada, 1981, Catalogue 22-002, Seasonal

Note: Parts may not equal total due to rounding.

— indicates provinces had either none of this crop or less than 1% of the Canada total.

**What is being produced? Where? (continued)** (Percentage of Canadian production by province)

Fruits — 1981 production	Nfld	P.E.I.	N.S.	N.B.	Que	Ont.	Man	Sask.	Alta.	B.C.	Canada
Apples	—	—	12	1	11	30	—	—	—	46	100
Peaches	—	—	—	—	—	62	—	—	—	38	100
Pears	—	—	6	—	—	40	—	—	—	54	100
Cherries, sweet	—	—	—	—	—	13	—	—	—	87	100
Cherries, sour	—	—	—	—	—	68	—	—	—	32	100
Plums and prunes	—	—	1	—	—	32	—	—	—	67	100
Raspberries	—	—	—	—	3	5	—	—	—	92	100
Strawberries	—	2	6	3	19	40	—	—	—	30	100
Grapes	—	—	—	—	—	87	—	—	—	13	100
Blueberries	1	2	32	12	34	—	—	—	—	19	100
Cranberries	1	—	3	—	—	—	—	—	—	96	100

Source: Derived from Fruit and Vegetable Production, December 1981, Catalogue 22-003, Seasonal

— indicates provinces had either none of this fruit or less than 1% of the Canada total



**What is being produced? Where? (continued)** (Percentage of Canadian production by province)

Vegetables — 1980 production	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
Asparagus	—	—	—	—	10	71	3	—	—	16	100
Beans	—	—	*	*	49	29	—	—	*	8	100
Beets	—	3	2	2	36	53	1	—	—	3	100
Cabbage	1	1	2	2	46	38	2	—	3	5	100
Carrots	—	2	6	1	61	23	2	—	3	2	100
Cauliflower	—	—	1	1	10	71	2	—	—	15	100
Celery	—	—	—	—	26	61	2	—	—	11	100
Corn, sweet	—	—	—	—	22	67	*	—	*	6	100
Cucumbers	—	—	1	1	31	65	1	—	—	1	100
Greenhouse cucumbers	*	—	*	*	4	70	*	*	11	12	100
Lettuce	—	—	—	—	49	32	—	—	—	18	100
Onions	—	—	—	—	32	58	3	—	2	5	100
Parsnips	—	6	8	8	—	61	12	—	—	5	100
Peas	—	*	*	*	17	45	—	—	*	*	100
Potatoes	—	24	1	21	16	15	12	1	7	4	100
Rutabagas	3	4	3	3	20	61	2	—	2	2	100
Spinach	—	—	—	—	27	66	—	—	—	7	100
Tomatoes	—	—	*	*	3	96	—	—	—	*	100
Greenhouse tomatoes	—	—	2	1	3	81	—	—	—	11	100

Source: Derived from Fruit and Vegetable Production, December 1981, Catalogue 22-003, Seasonal

Note: Parts may not equal totals due to rounding

— indicates provinces had either none of this vegetable or less than 1% of the Canada total

\* indicates areas where figures are kept confidential to meet requirements of the Statistics Act



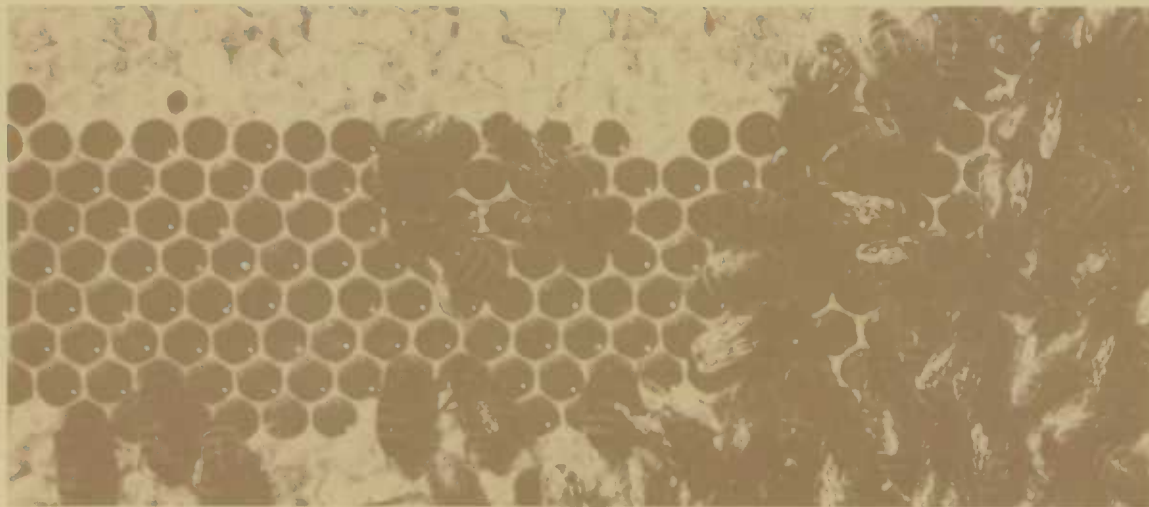
**What is being produced? Where?**

(Percentage of Canadian production by province)

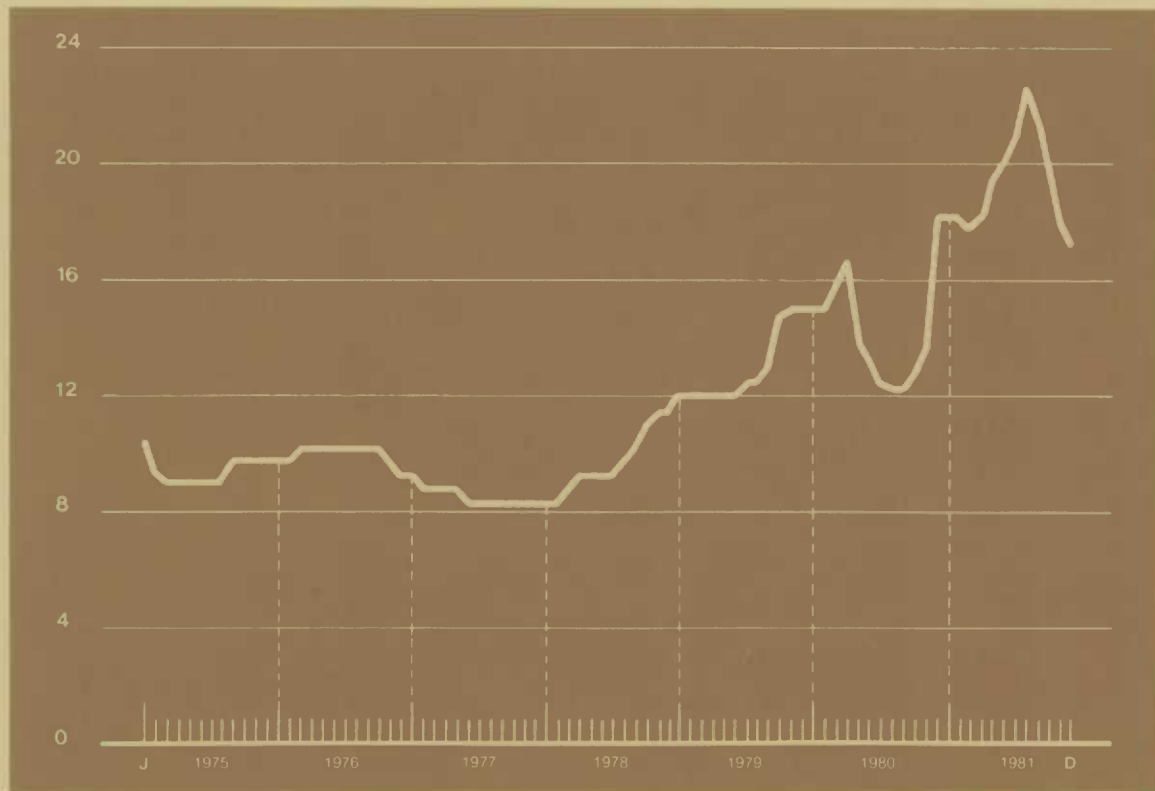
Other	Nfld.	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada
Honey (1980-1981)	—	—	1	—	6	9	24	19	35	6	100
Maple products (1980)	—	—	—	—	95	4	—	—	—	—	100

Source: Market Commentary, Horticulture and Special Crops, December 1981

— indicates provinces had either none of this crop or was less than 1% of the Canada total



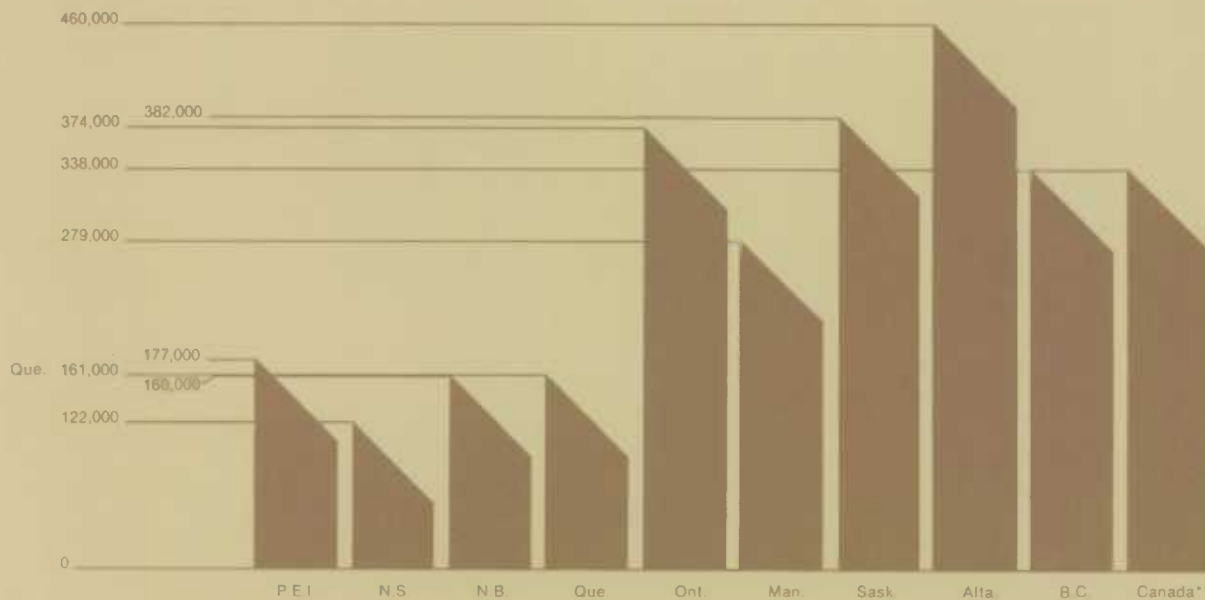
Average prime business loan rates of chartered banks, 1975-1981



Source: Bank of Canada Review.

### What is the investment today?

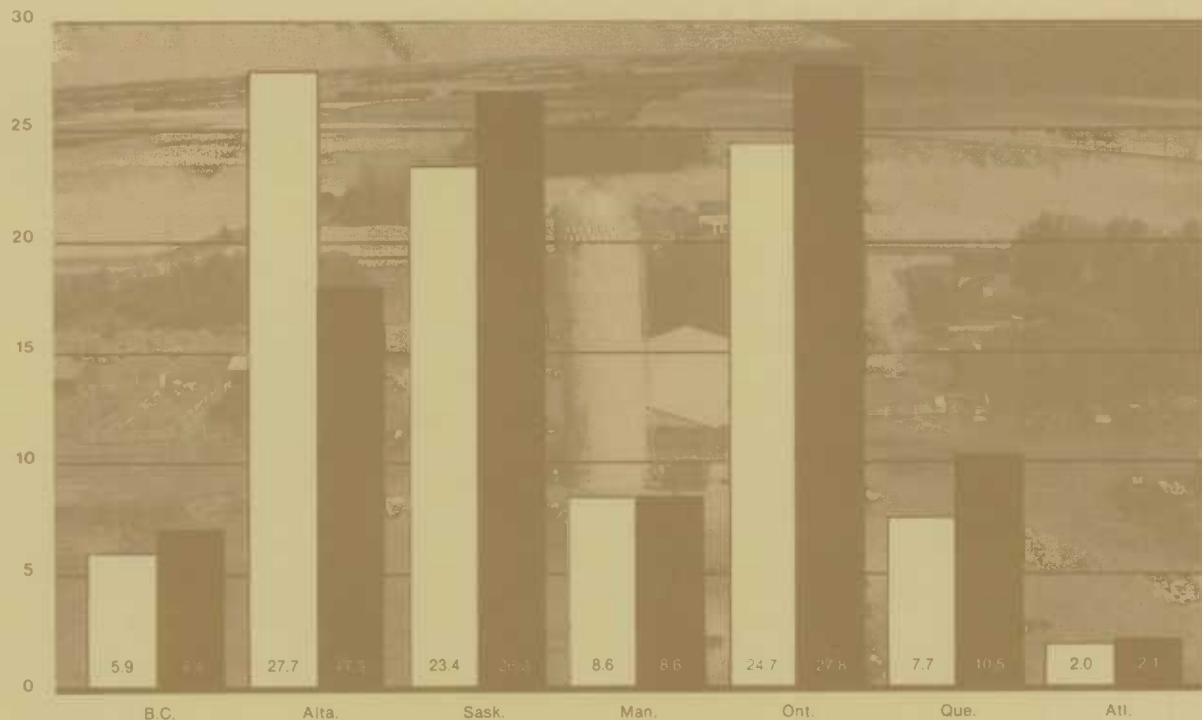
(Average value of farm capital, in dollars, per farm 1980)



\* excludes Newfoundland

Source: Agriculture Statistics Division, Capital Value Series

# Percentage of the total Canadian farm capital and farm debt in each region



\* Alberta accounts for 27.7% of the farm capital and 17.9% of the farm debt in Canada.

Source: Farm Survey 1981, co-ordinated by the Farm Credit Corporation of Canada

Capital  Debt 

**What is an acre worth? (Market value in dollars per acre)**

Year	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.	Canada*
1981	275	256	292	489	1,522	278	336	347	1,041	475
1980	250	256	252	466	1,384	253	306	347	946	443
1979	245	200	231	409	1,188	218	223	284	771	360
1978	202	183	213	369	1,048	198	192	205	687	305
1977	182	171	190	333	924	172	166	190	597	271
1976	191	181	192	287	836	161	158	183	572	252
1975	184	174	187	235	717	138	130	166	514	218
1974	168	161	150	202	568	121	100	136	427	176
1973	130	126	120	175	437	95	80	106	305	138
1972	110	110	105	154	360	83	69	94	262	118
1971	100	105	98	141	345	83	69	93	250	115
1970	102	105	100	136	309	84	70	95	240	115

\* excludes Newfoundland.

Source: Agriculture Statistics Division.

## Percentages of farm cash receipts from farming operations, 1980

### % Newfoundland



### % New Brunswick



### % Prince Edward Island

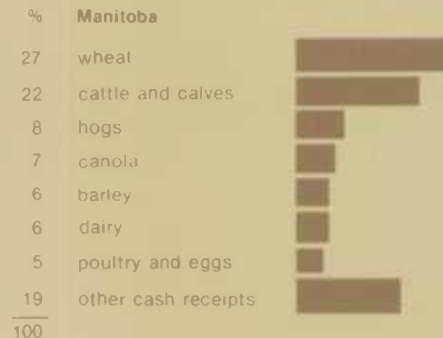


### % Quebec



### % Nova Scotia





### Percentages of farm cash receipts from farming operations, 1980



Sources: Newfoundland Agriculture Statistics, Statistics Canada, November 1981, Catalogue 21-518

Farm Cash Receipts for Farming Operations, Vol. 3, Farm Net Income Reference Handbook, Statistics Canada, December 1981

Note: dairy = dairy products and dairy supplementary payments

wheat = wheat and C.W.B. wheat payments

barley = barley and C.W.B. barley payments

other cash receipts includes Deficiency Payments but NOT Provincial Income Stabilization Program Payments, and NOT Supplementary Payments.



# Arable land vs. total land in acres by province



Legend: land

Classes 1, 2 and 3 land are free of severe physical limitations and capable of supporting field crops on a sustained basis.

Source: Crop Production Potentials for Land Evaluation, Agriculture Canada, 1981

arable land  
total land

**Has the importance of many farm expenses changed over time?**  
(excluding Newfoundland)

	Province	1951 percentage of total operating expenses	1961 percentage of total operating expenses	1971 percentage of total operating expenses	1980 percentage of total operating expenses	1981 percentage of total operating expenses
<b>Taxes</b>	Prince Edward Island	2.1	1.7	1.6	1.3	1.2
	Nova Scotia	4.0	4.1	2.8	1.3	1.2
	New Brunswick	6.0	5.3	2.4	1.6	1.5
	Quebec	4.8	4.0	3.6	1.8	1.7
	Ontario	4.6	4.3	2.6	1.2	1.1
	Manitoba	7.5	7.5	6.2	2.7	2.5
	Saskatchewan	7.1	8.6	7.9	3.4	3.0
	Alberta	6.1	5.4	4.2	1.8	1.6
	British Columbia	3.9	2.8	2.7	2.1	1.7
	Canada	5.5	5.2	4.1	2.0	1.8
<b>Rent</b>	Prince Edward Island	0.5	0.6	1.8	2.4	2.1
	Nova Scotia	0.5	0.6	0.8	0.9	0.9
	New Brunswick	0.5	0.7	0.8	0.6	0.6
	Quebec	0.7	0.8	1.2	0.9	0.9
	Ontario	2.9	3.4	3.1	3.6	3.4
	Manitoba	12.1	8.4	6.2	7.7	8.5
	Saskatchewan	22.0	8.3	9.0	12.0	11.4
	Alberta	13.8	9.7	6.5	7.4	6.7
	British Columbia	2.5	2.8	2.3	2.3	2.1
	Canada	8.4	4.9	4.4	5.6	5.4

**Has the importance of many farm expenses changed over time?**  
(excluding Newfoundland) — (continued)

	Province	1951 percentage of total operating expenses	1961 percentage of total operating expenses	1971 percentage of total operating expenses	1980 percentage of total operating expenses	1981 percentage of total operating expenses
<b>Total wages</b>	Prince Edward Island	15.1	16.9	15.2	14.3	13.5
	Nova Scotia	15.9	17.9	16.6	16.6	15.5
	New Brunswick	13.2	20.8	18.3	14.2	13.3
	Quebec	8.5	10.5	8.8	8.3	7.5
	Ontario	16.5	17.0	13.7	11.4	10.6
	Manitoba	12.6	10.5	7.4	4.7	4.2
	Saskatchewan	11.0	10.3	7.1	5.5	4.9
	Alberta	14.2	13.2	8.2	6.4	5.7
	British Columbia	22.3	20.7	16.3	16.3	13.8
	Canada	13.8	14.1	10.8	8.7	7.9
<b>Interest</b>	Prince Edward Island	4.9	5.7	7.1	10.6	12.1
	Nova Scotia	2.1	2.9	4.5	7.0	8.5
	New Brunswick	2.3	3.2	7.7	11.4	12.5
	Quebec	4.0	5.5	7.6	10.6	12.8
	Ontario	2.7	4.1	7.5	14.6	16.9
	Manitoba	5.5	7.4	10.1	14.8	17.2
	Saskatchewan	7.9	10.1	12.4	16.4	18.4
	Alberta	6.6	7.7	11.9	18.3	20.5
	British Columbia	3.9	4.7	10.6	21.8	27.5
	Canada	4.7	6.1	9.3	15.2	17.6

**Has the importance of many farm expenses changed over time?**  
 (excluding Newfoundland) — (continued)

	Province	1951 percentage of total operating expenses	1961 percentage of total operating expenses	1971 percentage of total operating expenses	1980 percentage of total operating expenses	1981 percentage of total operating expenses
<b>Fuel and oil</b>	Prince Edward Island	7.7	10.8	7.3	6.6	7.5
	Nova Scotia	7.1	7.8	5.1	4.9	5.6
	New Brunswick	8.5	8.7	7.3	6.4	7.2
	Quebec	5.8	6.8	5.6	3.6	3.9
	Ontario	9.1	8.1	6.7	4.3	5.1
	Manitoba	20.3	19.3	13.7	8.7	10.2
	Saskatchewan	20.8	21.8	15.8	12.0	13.5
	Alberta	19.6	19.0	12.0	8.9	10.4
	British Columbia	7.4	6.3	5.5	5.2	5.4
	Canada	13.2	12.5	9.3	6.9	8.0
<b>Repairs (machinery)</b>	Prince Edward Island	5.9	7.6	11.4	8.5	8.3
	Nova Scotia	8.0	9.1	7.7	6.5	6.2
	New Brunswick	9.8	12.0	12.8	8.9	8.6
	Quebec	6.7	8.9	8.0	6.4	6.2
	Ontario	7.3	7.3	7.9	6.0	6.2
	Manitoba	18.0	19.3	13.9	9.2	9.2
	Saskatchewan	16.7	19.6	18.6	12.7	12.4
	Alberta	17.3	16.3	14.9	11.0	10.9
	British Columbia	6.2	7.3	7.4	7.2	7.1
	Canada	11.4	11.9	11.2	8.6	8.6

**Has the importance of many farm expenses changed over time?**  
(excluding Newfoundland) — (continued)

	Province	1951 percentage of total operating expenses	1961 percentage of total operating expenses	1971 percentage of total operating expenses	1980 percentage of total operating expenses	1981 percentage of total operating expenses
<b>Fertilizer</b>	Prince Edward Island	15.2	17.7	11.8	12.2	12.5
	Nova Scotia	7.7	5.7	4.5	4.1	4.1
	New Brunswick	13.8	13.7	8.5	9.0	8.7
	Quebec	4.1	5.2	5.7	7.1	7.0
	Ontario	4.9	6.1	6.3	7.9	8.0
	Manitoba	2.2	2.9	7.2	14.5	14.4
	Saskatchewan	1.4	1.7	2.7	9.2	8.9
	Alberta	1.8	3.4	6.2	10.2	10.1
	British Columbia	3.9	3.9	3.6	3.9	3.6
	Canada	3.7	4.7	5.6	8.9	8.8
<b>Pesticides</b>	Prince Edward Island	1.8	3.2	3.0	4.8	4.3
	Nova Scotia	0.6	1.2	1.4	1.5	1.3
	New Brunswick	1.1	2.2	3.0	4.4	3.9
	Quebec	0.5	0.8	1.1	1.6	1.4
	Ontario	0.6	1.0	1.8	3.2	2.9
	Manitoba	1.1	1.7	1.8	5.7	5.6
	Saskatchewan	1.4	2.3	1.6	5.3	4.9
	Alberta	1.4	1.7	1.1	3.6	3.4
	British Columbia	1.3	2.0	1.4	1.6	1.3
	Canada	1.0	1.4	1.5	3.6	3.3

Has the importance of many farm expenses changed over time?  
(excluding Newfoundland) — (continued)

		1951 percentage of total operating expenses	1961 percentage of total operating expenses	1971 percentage of total operating expenses	1980 percentage of total operating expenses	1981 percentage of total operating expenses
Feed	Prince Edward Island	22.7	18.0	18.9	18.5	18.4
	Nova Scotia	36.1	33.6	38.4	39.2	39.4
	New Brunswick	26.6	17.9	21.8	27.8	28.7
	Quebec	48.4	37.1	33.8	37.5	37.4
	Ontario	31.7	25.9	23.5	18.5	18.7
	Manitoba	9.0	7.9	10.8	12.3	8.9
	Saskatchewan	2.9	3.0	4.1	4.7	3.8
	Alberta	8.8	7.3	10.5	9.9	9.9
	British Columbia	34.6	34.0	30.6	20.5	19.9
	Canada	23.5	20.2	19.6	17.2	16.8
Seedlings	Prince Edward Island	0.4	1.1	1.8	2.5	2.1
	Nova Scotia	1.5	1.4	1.4	2.6	2.2
	New Brunswick	1.2	1.1	1.4	2.5	2.2
	Quebec	1.1	1.6	2.0	3.1	2.9
	Ontario	1.0	1.4	1.7	2.1	2.1
	Manitoba	0.9	2.1	3.5	2.2	1.9
	Saskatchewan	0.1	1.6	3.3	1.7	1.4
	Alberta	0.4	1.6	2.9	1.8	1.8
	British Columbia	0.8	1.4	1.6	1.8	1.8
	Canada	0.7	1.5	2.3	2.2	2.0

Source: Farm Net Income Reference Handbook, December 1981.

### What's the bottom line? (per farm net income, 1980)

Province	Realized gross income	Expenses	Realized net income
Prince Edward Island	48,709	34,790	13,919
Nova Scotia	35,442	25,117	10,325
New Brunswick	42,947	32,716	10,230
Quebec	46,469	35,528	10,941
Ontario	52,300	45,067	7,233
Manitoba	50,484	41,650	8,834
Saskatchewan	47,619	34,176	13,443
Alberla	54,629	43,135	11,494
British Columbia	38,064	30,684	7,380
Canada*	49,321	39,118	10,204

\* Excludes Newfoundland.

Source: Farm Expenditure and Agriculture Enumerative Surveys for expenses, the rest of the estimates are obtained from administrative sources, the Canadian Wheat Board and specialized crop and livestock surveys

This table takes into consideration only farm income and expenses. Income of farm operators from off-farm work is higher in some provinces than others, especially for small farmers, as noted on the FCC table (Financial Comparison of Farms, 1981)

## Financial comparison of farms, 1981

Region	Gross farm income (\$)	% of regions farms	% of regions farm sales	Average assets + (\$)	Average liabilities* (\$)	Average net worth (\$)	Average sales from farm (\$)	Ave. net off-farm income (\$)	Ave. farm income per \$1 assets (\$)	Ave farm income per \$1 liabilities (\$)
B C	1,200 - 30,000	44	5	397,100	40,100	357,000	13,200	23,800	03	33
	30,000 - 70,000	19	7	468,300	60,600	407,700	48,500	4,100	10	80
	over 70,000	37	88	1,464,800	313,600	1,151,200	303,000	1,500	21	97
Alta	1,200 - 30,000	42	7	339,600	22,000	317,600	14,900	10,400	04	68
	30,000 - 70,000	28	16	684,000	61,500	622,500	49,400	13,700	07	80
	over 70,000	31	77	1,396,400	155,300	1,241,100	214,300	6,900	15	138
Sask	1,200 - 30,000	39	10	282,100	78,100	204,000	15,900	5,600	06	20
	30,000 - 70,000	37	31	471,700	60,900	410,800	49,600	4,200	11	81
	over 70,000	24	58	881,700	124,900	756,800	142,600	3,800	16	114
Man	1,200 - 30,000	39	8	206,800	17,900	188,900	16,000	6,300	08	89
	30,000 - 70,000	32	21	386,400	59,600	326,800	49,600	2,700	13	83
	over 70,000	29	71	807,100	136,300	670,800	186,800	2,100	23	137
Ont	1,200 - 30,000	41	5	207,200	15,700	191,500	12,500	10,000	06	80
	30,000 - 70,000	21	11	418,600	58,000	360,600	51,000	6,200	12	88
	over 70,000	38	84	872,900	175,100	697,800	212,500	3,900	24	121



# Financial comparison of farms, 1981 — (continued)

Region	Gross farm income (\$)	% of regions farms	% of regions farm sales	Average assets + (\$)	Average liabilities* (\$)	Average net worth (\$)	Average sales from farm (\$)	Ave. net off-farm income (\$)	Ave. farm income per \$1 assets (\$)	Ave farm income per \$1 liabilities (\$)
Que	1,200 - 30,000	41	8	155,800	18,500	137,300	11,700	5,300	08	63
	30,000 - 70,000	34	29	261,900	42,200	219,700	49,300	2,700	19	1 17
	over 70,000	25	62	522,800	142,600	380,200	139,200	2,100	27	98
Atl	1,200 - 30,000	54	9	139,600	9,200	130,400	11,200	13,400	08	1 22
	30,000 - 70,000	18	13	288,800	43,800	245,000	47,000	4,900	16	1 07
	over 70,000	27	78	639,700	131,700	508,000	194,000	4,600	30	1 47
Canada	1,200 - 30,000	41	7	247,500	32,600	214,900	14,000	15,400	06	43
	30,000 - 70,000	29	18	442,900	56,900	386,000	49,700	5,900	11	87
	over 70,000	30	74	947,400	159,000	788,400	191,700	4,000	20	1 21

Source: Farm Survey 1981. Co-ordinated by Farm Credit Corporation of Canada

The percentage figures may not equal 100% due to rounding

+ Assets include: cash, bonds, savings, accounts receivable, feed and supplies, crops for sale, market and replacement livestock, breeding livestock, equipment, quota, other intermediate assets, farm real estate owned, other real estate owned and other long-term assets

\* Liabilities include: total current liabilities, total intermediate liabilities and total long-term debts

We want to ensure that those involved in Canadian agriculture have ready access to the data available on their industry. Requests for information can be made through the Agriculture Statistics Division of Statistics Canada directly by writing to:

**Mel Jones**  
**Agriculture Statistics Division**  
**Statistics Canada**  
**Ottawa, Ontario**  
**K1A 0T6**  
**(613) 998-4898**

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