

## D.B.S. MEMORANDUM

Dominion Bureau of Statistics, Ottawa, Canada

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OF STATISTICS

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## REPORT ON THE LIVE STOCK SURVEY OF DECEMBER 1, 1951

## - H O G S -

Ottawa, February 7, 1952: This memorandum contains comparisons of the number of hogs on farms in Canada 1/ at December 1, 1951 and December 1, 1950, and the size of the pig crops June to November, 1951 and 1950. It also gives the estimate of the number of sows expected to farrow between December 1, 1951 and May 31, 1952 and compares this estimate with that of the number of sows which did farrow during the same period one year previous. A table showing monthly hog-barley ratios for the past twelve years is also included. The population figures were derived from the December semi-annual survey of live stock on farms by obtaining changes which have occurred since the June Survey. Over 50,000 farmers across the country co-operated with Provincial Departments and the Dominion Bureau of Statistics.

There was an estimates 20 per cent increase in the hog population at December 1, 1951 compared with December 1, 1950. The increase was greater in Western Canada (29 per cent) than in the East (16 per cent) but it was general in all provinces. Estimates by provinces (December 1, 1950 numbers in brackets) are: Prince Edward Island 85,000 (79,000); Nova Scotia 75,000 (70,000); New Brunswick 101,000 (95,000); Quebec 1,594,000 (1,238,000); Ontario 2,418,000 (2,207,000); Manitoba 377,000 (269,000); Saskatchewan 599,000 (441,000); Alberta 1,164,000 (948,000); British Columbia 85,000 (71,000).

The summer-and-fall pig crop was 17 per cent greater than that of 1950, based on the number of pigs weaned during the six-month periods. The increase in the West was 18 per cent and in the East 16 per cent.

While December 1 is early in the breeding season, the Survey showed that farmers intend to have 22 per cent more sows farrow in the six-month period December 1 to May 31, 1952 than during the comparable period in 1950-51. The increase is the same in Western Canada as in the East.

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1/ The farm surveys have not yet been extended to the Province of Newfoundland.

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Numbers of Hogs on Farms at June 1 and December 1, 1950 to 1951

	June 1	Dec. 1		June 1	Dec. 1
- thousands -					
1940	6,002	6,117	1946	4,910	5,459
1941	6,081	6,385	1947	5,473	5,381
1942	7,125	7,751	1948	4,463	4,604
1943	8,148	9,473	1949	5,163	5,413
1944	7,741	7,636	1950	5,247	5,419
1945	6,026	5,853	1951	5,875	6,498

Hogs: Numbers on Farms at December 1, 1950 and 1951

	1950			1951			Total
	Under 6 Months	Over 6 Months	Total	Under 6 Months	Over 6 Months	Total	1951 as % of 1950
- thousand -							
Prince Edward Is.	65	14	79	72	13	85	108
Nova Scotia	56	14	70	59	16	75	107
New Brunswick	75	20	95	78	23	101	106
Quebec	889	349	1,238	1,158	436	1,594	129
Ontario	1,688	519	2,207	1,873	545	2,418	110
Eastern Canada	2,773	916	3,689	3,240	1,033	4,273	116
Manitoba	161	108	269	243	134	377	140
Saskatchewan	261	180	441	313	286	599	136
Alberta	700	248	948	780	384	1,164	123
Br. Columbia	54	17	71	61	24	85	120
Western Canada	1,176	553	1,729	1,397	828	2,225	129
Canada	3,949	1,469	5,418	4,637	1,861	6,498	120

Number of Pigs Born and Pigs Saved, June to November, 1950 and 1951

	1950		1951		1951 as % of 1950	
	Pigs Born	Pigs Saved	Pigs Born	Pigs Saved	Pigs Born	Pigs Saved
- thousands -						
Prince Edward Is.	81	69	94	80	117	117
Nova Scotia	68	58	77	65	113	113
New Brunswick	95	79	99	82	104	105
Quebec	1,168	975	1,470	1,243	126	127
Ontario	2,057	1,742	2,225	1,915	108	110
Eastern Canada	3,469	2,923	3,965	3,385	114	116
Manitoba	192	165	284	245	148	149
Saskatchewan	318	267	393	330	124	123
Alberta	855	728	961	795	112	109
Br. Columbia	66	55	79	66	120	120
Western Canada	1,431	1,215	1,717	1,436	120	118
Canada	4,900	4,138	5,682	4,821	116	117

Farrowings: Estimates of Sows Bred to Farrow December, 1951 to May, 1952  
and Sows Farrowed December, 1950 to May, 1951

	1951- 1952	1950- 1951	1951-52 as % of 1950-51
	- number -		
Prince Edward Is.	10,400	9,000	116
Nova Scotia	8,700	5,900	148
New Brunswick	13,000	9,900	131
Quebec	196,800	158,500	124
Ontario	256,300	214,700	119
Eastern Canada	485,200	398,000	122
Manitoba	40,500	36,600	121
Saskatchewan	75,100	64,000	117
Alberta	135,900	107,100	127
Br. Columbia	11,000	6,600	167
Western Canada	262,500	214,300	122
Canada	747,700	612,300	122



Hog-Barley Ratio - By Months  
1940-1951

	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Jan.	20.5	21.4	20.0	21.4	18.1	18.3	17.1	20.7	17.1	21.0	16.3	17.0
Feb.	20.0	20.4	20.0	21.4	18.1	18.3	17.3	21.4	19.6	21.2	17.3	17.2
March	20.5	17.6	19.7	22.0	18.2	18.3	17.1	19.7	20.6	22.0	16.4	17.4
April	18.9	17.7	19.5	22.0	18.2	18.4	18.3	18.1	19.3	21.5	14.6	16.4
May	24.2	21.0	18.9	21.9	18.2	18.5	18.3	18.1	18.7	21.0	15.0	20.2
June	31.0	22.0	18.3	21.2	18.3	19.0	18.4	18.1	19.2	21.5	16.5	24.3
July	31.7	23.1	19.4	20.5	18.3	19.1	18.4	18.1	19.9	19.8	17.3	26.1
Aug.	32.2	24.9	21.3	16.2	18.3	18.0	20.3	18.1	22.8	20.2	18.6	25.1
Sept.	31.3	22.1	21.0	16.2	18.3	18.2	21.0	19.6	24.1	17.2	17.8	21.2
Oct.	26.1	22.3	23.4	16.1	18.3	17.2	19.6	17.8	22.4	15.9	16.7	17.0
Nov.	21.0	22.4	23.5	16.5	18.3	17.0	19.5	14.4	20.7	15.5	16.1	15.2
Dec.	23.4	21.1	23.5	16.7	18.3	17.0	19.5	13.9	21.7	16.6	17.4	15.8
Average	24.1	21.3	20.6	19.0	18.2	18.1	18.7	17.9	20.3	19.1	16.6	19.1

- Note -

The hog-barley ratio is the number of bushels of No. 1 feed barley required to equal the value of 100 pounds B1 (live) hogs, both prices at Winnipeg. The long-time average ratio (1913-1949, 1930 omitted due to extreme abnormality) was 18.3. The average ratio 1939-49 was 20.4.

