

32-D-01

STATISTICS STATISTIQUE  
CANADA CANADA

NOT FOR LOAN  
NE S'EMPRUNTE PAS

Aug 16 2010

LIBRARY  
BIBLIOTHÈQUE

CANADA

DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

AGRICULTURAL BRANCH

Vol. 16

No. 6

# COLD-STORAGE HOLDINGS

in

CANADA

JUNE 1, 1933

Published by Authority of the Hon. H.H. Stevens, M.P.,

Minister of Trade and Commerce

+++

OTTAWA

1933

CONTENTS OF REPORT

General Summary .....	Page 1
Total Stocks in Canada on June 1, 1933 and 5 year average .....	2
Comparative Statement June 1, 1932 and June 1, 1933 .....	3
Comparative Statement May 1, 1933 and June 1, 1933 .....	4
Holdings in Maritime Provinces, Quebec and Ontario .....	5
Holdings in Manitoba, Saskatchewan and Alberta, British Columbia .....	6
Holdings in Cities -- Montreal, Toronto, Winnipeg .....	7
Comparison of Stocks April 1, 1933 with May 1, 1933 in Maritime Provinces .....	8
Quebec .....	9
Ontario .....	10
Toronto .....	11
Manitoba .....	12
Saskatchewan and Alberta .....	13
British Columbia .....	14

DEPARTMENT OF TRADE AND COMMERCE  
DOMINION BUREAU OF STATISTICS - CANADA  
AGRICULTURAL BRANCH  
(Issued June 13, 1933 at 4 p.m.)

Dominion Statistician: R. H. Coats, B.A., F.S.S.(Hon.), F.R.S.C.  
Chief, Agricultural Branch: T. W. Grindley, Ph.D.

COLD STORAGE HOLDINGS, JUNE 1, 1933

The butter in cold storage amounts to 5,265,927 pounds of creamery and 41,036 pounds of dairy; about 575,000 pounds of the creamery butter total is stored in creameries equipped with mechanical refrigeration. Creamery butter shows increases of 21.18% over last year and 170.78% over last month; and dairy butter shows a decrease of 56.11% from last year and an increase of 550.44% over last month.

Cheese stocks total 8,353,059 pounds showing increases of 10.84% and 11.10% over last year and last month respectively.

Eggs in cold storage amount to 11,507,606 dozen; fresh eggs 483,036 dozen; and frozen eggs 3,084,987 pounds. Cold storage eggs show increases of 29.01% over last year and 184.75% over last month; fresh eggs show decreases of 17.32% from last year and 23.71% from last month; and frozen eggs show a decrease of 28.45% from last year and an increase of 14.22% over last month.

Pork stocks are as follows:- fresh frozen 18,573,215 pounds; fresh not frozen 3,391,184 pounds; cured dry salted 1,301,458 pounds; cured sweet pickled 5,869,290 pounds; in process of cure 11,018,655 pounds. Fresh frozen stocks show a decrease of 14.02% from last year and an increase of 3.47% over last month; fresh not frozen stocks show an increase of 10.07% over last year and a decrease of 12.99% from last month; cured dry salted stocks show increases of 24.14% over last year and 43.98% over last month; cured sweet pickled stocks show decreases of 2.04% from last year and 12.45% from last month; and stocks in process of cure show increases of 4.15% over last year and 15.65% over last month.

The pure and prime steam lard in storage amounts to 5,595,274 pounds showing increases of 49.48% and 34.72% over last year and last month respectively.

Beef stocks total 3,117,059 pounds of fresh frozen; 4,426,068 pounds of fresh not frozen; 328,659 pounds of cured; and 185,630 pounds of beef in process of cure. Fresh frozen stocks show an increase of 4.71% over last year and a decrease of 9.40% from last month; fresh stocks not frozen show increases of 10.78% over last year and 13.35% over last month; cured stocks show a decrease of 28.24% from last year and an increase of 433.39% over last month; and stocks in process of cure show an increase of 5.88% over last year and a decrease of 17.47% from last month.

The veal in storage amounts to 618,796 pounds of fresh frozen and 585,485 pounds of fresh not frozen. Fresh frozen stocks show a decrease of 4.47% from last year and an increase of 71.07% over last month; and fresh not frozen stocks show increases of 15.21% over last year and 10.53% over last month.

Mutton and lamb stocks total 617,710 pounds of frozen and 176,939 pounds of not frozen. Frozen stocks show decreases of 71.55% from last year and 32.66% from last month and stocks not frozen show increases of 26.11% and 26.58% over last year and last month respectively.

Stocks of poultry are as follows:- broilers 75,468 pounds, chickens 988,876, fowl 255,620 pounds; ducks 128,975 pounds; geese 85,870 pounds; turkeys 1,577,194 pounds; unclassified 125,367 pounds. Total poultry shows decreases of 49.19% and 4.19% from last year and last month respectively.

Fish stocks total 5,838,090 pounds of fresh frozen and 4,021,195 pounds of smoked and other varieties. Fresh frozen stocks show decreases of 37.15% from last year and 1.69% from last month and smoked and other varieties show an increase of 5.00% over last year and a decrease of 2.38% from last month.

During the month of May 1,445,814 pounds of fish were frozen as compared with 1,364,204 pounds frozen during April.

Fresh unfrozen fish in storage amounts to 73,377 pounds as compared with 42,718 pounds shown last month.

Note:- 1.- 16 creameries with mechanical refrigeration have not reported stocks for June 1st.  
2. Stocks of foreign produce held in bond are not included in this statement.

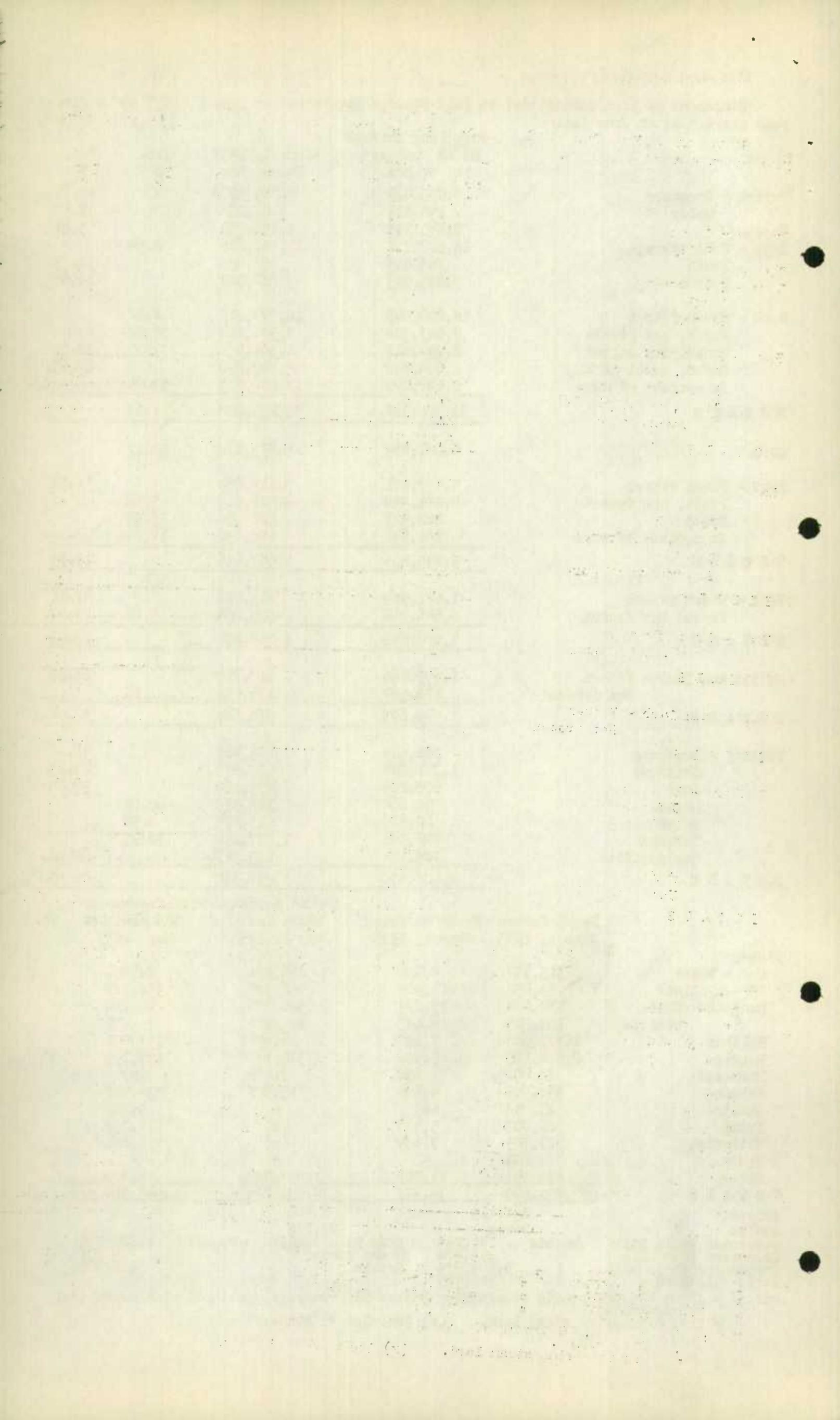


Statement of Food Commodities in Cold Storage Warehouses on June 1, 1933 and a five year average as at June 1st.

	Five year average as at June 1st	June 1, 1933	Inc.	Dec.
	Lb. or Doz.	Lb. or Doz.	\$	%
Butter - Creamery	6,025,483	5,265,927 <sup>#</sup>		12.61
Dairy	148,813	41,036		72.42
Cheese	8,849,173	8,353,059		5.61
Eggs - Cold storage	11,222,278	11,507,606	2.54	
Fresh	763,453	483,036		36.73
Frozen	3,675,523	3,084,987		16.07
Pork - Fresh frozen	18,206,242	18,573,215	2.02	
Fresh, not frozen	3,003,304	3,391,184		12.92
Cured, dry salted	2,099,617	1,301,458		38.01
Cured, sweet pickled	8,054,500	5,869,290		27.13
In process of cure	8,147,299	11,018,655		
T O T A L S	39,510,962	40,153,802	2.53	
Lard	4,021,879	5,595,274 <sup>#</sup>		39.12
Beef - Fresh frozen	4,539,871	3,117,059		31.34
Fresh, not frozen	4,271,424	4,426,068	3.62	
Cured	262,327	328,559		25.29
In process of cure	161,636	185,630		14.84
T O T A L S	9,235,258	8,057,416		12.75
Veal - Fresh frozen	1,081,984	618,796		42.81
Fresh, not frozen	546,062	585,485		7.22
T O T A L S	1,628,046	1,204,281		26.03
Mutton and Lamb - Frozen	1,673,166	617,710		63.08
Not frozen	176,507	176,939	.24	
T O T A L S	1,849,673	794,649		57.04
Poultry - Broilers	182,569	75,468		58.66
Chickens	1,741,894	938,876		43.23
Fowl	600,005	255,620		57.40
Ducks	92,064	128,975		40.09
Geese	82,326	85,370		4.30
Turkeys	922,508	1,577,194		70.97
Unclassified	785,104	125,367		84.03
T O T A L S	4,406,470	3,237,370		26.53
Fish -		Smoked & Other	Fish frozen during	
	Fresh frozen	Varieties	the month of	
	June 1, 1933	June 1, 1933	May, 1933	
Cod - Whole	315,347	4,322	28,057	
" Fillets	83,457	14,902	358,775	
Haddock - Whole	130,212	15,025	40,210	
" Fillets	103,265	6,185	39,839	
Halibut	1,327,926	7,107	737,991	
Herring	2,014,140	(x)	107,199	
Mackerel	56,408	620	(x)	
Salmon	536,785	4,466	36,518	
Smelts	23,694	(x)	4,282	
Trout	22,807	5,134	2,753	
Whitefish	327,709	3,639	4,882	
Squid	149	-	-	
Other	896,191	11,917	85,303	
T O T A L S	5,833,090	73,377	1,445,814 <sup>#</sup>	
Apples		Barrels	2,420	
Apples		Boxes	39,698	
Condensed Whole Milk	Pounds	746,294	Skim Milk Powder	1,822,563
Condensed Skim Milk	"	93,470	Cream Powder	4,607
Evaporated Whole Milk	"	5,426,578	Casein	125,300
Whole Milk Powder	"	300,905		

Note:- <sup>#</sup> About 575,000 pounds of creamery butter in creameries equipped with mechanical refrigeration.

<sup>†</sup> Including prime steam lard. (x) Included in "Other."



## Statement comparing holdings for all Canada June 1, 1932 and June 1, 1933.

	June 1, 1932 Lb. or Doz.	June 1, 1933 Lb. or Doz.	Inc. %	Dec. %	
Butter - Creamery	4,345,451	5,265,927	21.18		
Dairy	93,498	41,036		56.11	
Cheese	7,535,841	8,353,059	10.84		
Eggs - Cold Storage	8,919,742	11,507,606	29.01		
Fresh	584,248	483,036		17.32	
Frozen	4,311,863	3,084,987		28.45	
Pork - Fresh frozen	21,602,696	18,573,215		14.02	
Fresh, not frozen	3,080,970	3,391,184	10.07		
Cured, dry salted	1,048,357	1,301,458	24.14		
Cured, sweet pickled	5,991,400	5,869,290		2.04	
In process of cure	10,579,634	11,018,655	4.15		
T O T A L S	42,303,057	40,153,802		5.08	
Lard	3,743,260	5,595,274 #	49.48		
Beef - Fresh frozen	2,976,900	3,117,059	4.71		
Fresh, not frozen	3,995,303	4,426,068	10.78		
Cured	457,989	328,659		28.24	
In process of cure	175,313	185,630	5.88		
T O T A L S	7,605,505	8,057,416	5.94		
Veal - Fresh frozen	647,739	618,796		4.47	
Fresh, not frozen	508,170	585,485	15.21		
T O T A L S	1,155,909	1,204,281	4.18		
Mutton and Lamb - Frozen	2,171,563	617,710		71.55	
Not frozen	140,303	176,939	26.11		
T O T A L S	2,311,866	794,649		65.63	
Poultry - Broilers	211,809	75,468		64.37	
Chickens	2,487,203	988,876		60.24	
Fowl	760,317	255,620		66.38	
Ducks	150,350	128,975		14.22	
Geese	205,500	85,870		58.21	
Turkeys	1,423,029	1,577,194	10.83		
Unclassified	1,132,980	125,367		89.35	
T O T A L S	6,371,188	3,237,370		49.19	
Fish -					
	Fresh Frozen		Smoked & Other Varieties		
	June 1, 1932	June 1, 1933	Inc. %	Dec. %	Inc. %
Cod - Whole	243,560	315,347	29.47		256,951
" Fillets	164,232	83,457	49.18		466,365
Haddock - Whole	190,922	130,212	31.80		386,636
" Fillets	251,459	103,265	58.93		355,916
Halibut	1,964,350	1,327,926	32.40	(x)	(x)
Herring	3,342,718	2,014,140	39.75	755,292	1,375,634
Mackerel	221,187	56,408	74.50	171,622	3,694
Salmon	874,207	536,785	38.60	105,216	115,323
Smelts	41,551	23,694	42.98	-	-
Trout	35,841	22,807	36.37	(x)	(x)
Whitefish	166,964	327,709	96.28	(x)	(x)
Squid	(x)	(x)	-	-	-
Other	1,791,424	896,340	49.96	1,499,702	1,060,676
T O T A L S	9,288,415	5,838,090	37.15	3,829,860	4,021,195
	June 1, 1932	June 1, 1933	Inc. %	Dec. %	
Apples	Barrels	812	2,420	198.03	
Apples	Boxes	28,449	39,698	39.54	

Note:- (x) Included in "Other".

# Including prime steam lard.



Statement comparing holdings for all Canada May 1, 1933 and June 1, 1933 based upon limited lists of firms reporting for both of these dates.

	May 1, 1933 Lb. or Doz.	June 1, 1933 Lb. or Doz.	Inc. %	Dec. %		
Butter - Creamery	1,927,038	5,218,012	170.78			
Dairy	6,309	41,036	550.44			
Cheese	7,517,659	8,352,178	11.10			
Eggs - Cold Storage	4,041,345	11,507,606	184.75			
Fresh	631,211	481,523	23.71			
Frozen	2,700,828	3,084,987	14.22			
Pork - Fresh frozen	17,950,051	18,573,215	3.47			
Fresh, not frozen	3,897,265	3,391,184	12.99			
Cured, dry salted	903,908	1,301,458	43.98			
Cured, sweet pickled	6,703,589	5,869,290	12.45			
In process of cure	9,527,240	11,018,655	15.65			
T O T A L S	38,982,053	40,153,802	3.01			
Lard - Pure and Prime Steam	4,153,240	5,595,274	34.72			
Beef - Fresh frozen	3,440,498	3,117,059	9.40			
Fresh, not frozen	3,904,628	4,426,068	13.35			
Cured	61,617	328,659	433.39			
In process of cure	224,919	185,630	17.47			
T O T A L S	7,631,662	8,057,416	5.58			
Veal - Fresh frozen	361,731	618,796	71.07			
Fresh, not frozen	529,694	585,485	10.53			
T O T A L S	891,425	1,204,281	35.10			
Mutton and Lamb - Frozen	917,295	617,710	.32.66			
Not frozen	139,779	176,939	26.58			
T O T A L S	1,057,074	794,649	24.83			
Poultry - Broilers	84,063	75,468	10.22			
Chickens	1,234,119	988,507	19.90			
Fowl	265,531	255,434	3.80			
Ducks	116,132	128,975	11.06			
Geese	82,445	85,870	4.15			
Turkeys	1,446,528	1,577,129	9.03			
Unclassified	149,423	125,367	16.10			
T O T A L S	3,378,241	3,236,750	4.19			
Fish -						
	Fresh	Frozen	Inc.	Dec.		
	May 1, 1933	June 1, 1933	%	%		
	May 1, 1933	June 1, 1933	May 1, 1933	June 1, 1933	Inc.	Dec.
Cod - Whole	319,654	315,347	1.35	259,831	256,951	1.11
" Fillets	138,848	83,457	39.89	395,773	466,365	17.84
Haddock - Whole	136,101	130,212	4.33	455,251	386,636	15.07
" Fillets	199,990	103,265	48.36	368,394	355,916	3.39
Halibut	870,355	1,327,926	52.57	540	6,694	1,139.63
Herring	2,073,110	2,014,140	2.84	1,466,096	1,375,634	6.17
Mackerel	35,244	56,408	60.05	3,377	3,694	9.39
Salmon	722,638	536,785	25.72	36,745	115,323	213.85
Smelts	2,714	23,694	773.03	(x)	-	
Trout	26,184	22,807	12.90	(x)	(x)	
Whitefish	398,044	327,709	17.67	(x)	(x)	
Squid	(x)	(x)	-	-	-	
Other	1,015,649	896,298	11.75	1,133,066	1,053,982	6.98
T O T A L S	5,938,531	5,838,048	1.69	4,119,073	4,021,195	2.38
	May 1, 1933	June 1, 1933	Inc.	Dec.		
Apples	Barrels	8,110	2,420	70.16		
Apples	Boxes	69,646	39,698	43.00		

Note:- (x) Included in "Other".



The following statement shows the distribution of each of the mentioned commodities in cold storage warehouses on June 1, 1933 reported according to provinces.

	Maritime Provinces	Quebec	Ontario including Toronto			
	Lb. or Doz.	Lb. or Doz.	Lb. or Doz.			
Butter - Creamery	131,269)	1,308,855	1,780,000			
Dairy	)	3,612	3,247			
Cheese	15,739	4,275,714	3,525,341			
Eggs - Cold Storage	335,616	3,292,313	4,459,668			
Fresh	4,239	122,743	199,888			
Frozen	61,244	342,899	1,267,870			
Pork - Fresh frozen	313,106	2,255,397	3,839,284			
Fresh, not frozen	50,491	589,295	1,311,771			
Cured, dry salted	228,852)	48,526	652,852			
Cured, sweet pickled	)	1,302,605	1,437,572			
In process of cure	-	1,481,198	3,948,527			
T O T A L S	592,449	5,677,021	11,190,006			
Lard - Pure and Prime Steam	36,417	559,188	1,414,134			
Beef - Fresh frozen	143,719	1,143,332	629,136			
Fresh, not frozen	44,929	971,572	1,888,143			
Cured	15,936	177,733	126,258			
In process of cure	"	15,020	153,207			
T O T A L S	204,584	2,307,657	2,796,744			
Veal - Fresh frozen	)	468,814	64,853			
Fresh, not frozen	)	180,973	259,958			
T O T A L S	12,590	649,787	324,811			
Mutton and Lamb - Frozen	)	271,853	166,209			
Not frozen	)	30,732	71,023			
T O T A L S	62,570	302,585	237,232			
Poultry - Broilers	9,371	37,729	17,048			
Chickens	34,210	403,559	397,613			
Fowl	10,225	67,287	74,394			
Ducks	2,550	93,857	17,897			
Geese	(x)	36,787	28,976			
Turkeys	38,411	729,939	378,827			
Unclassified	5,018	20,698	9,829			
T O T A L S	99,785	1,389,856	924,584			
Fish -						
	Fresh Frozen	Smoked & Other Varieties				
	Maritime	Quebec	Ontario	Maritime	Quebec	Ontario
Cod - Whole	128,806)	56,931	4,361	585,410)	44,231)	25,317)
" Fillets	)	8,658	15,114	)	)	)
Haddock - Whole	135,320)	58,226	11,294)	397,845)	23,540	7,730
" Fillets	)	570	)	)	8,475	23,633
Halibut	45,432	48,978	60,472	-	-	(x)
Herring	291,862	18,028	173,658	999,349	205,494	76,715
Mackerel	23,557	(x)	26,675	(x)	(x)	-
Salmon	14,058	31,408	100,765	-	(x)	-
Smelts	(x)	4,090	1,035	-	-	-
Trout	-	2,915	7,018	-	(x)	(x)
Whitefish	-	5,495	13,577	-	-	-
Squid	-	-	(x)	-	-	-
Other	116,247	127,551	106,886	777,500	10,560	27,997
T O T A L S	755,282	362,850	520,855	2,760,104	292,300	161,392

Note:- (x) Included in "Unclassified" or "Other".



The following statement shows the distribution of each of the mentioned commodities in cold storage warehouses on June 1, 1933 reported according to provinces.

	Manitoba Lb. or Doz.	Saskatchewan & Alberta Lb. or Doz.	British Columbia Lb. or Doz.
Butter - Creamery	554,765	1,049,689	442,170)
Dairy	16,571	16,755	)
Cheese	45,008	277,533	213,724
Eggs - Cold Storage	1,697,190	1,230,537	492,282
Fresh	59,655	63,644	32,867
Frozen	1,302,558	29,861	80,555
Pork - Fresh frozen	4,010,331	7,400,191	754,906
Fresh, not frozen	289,146	1,021,221	129,260
Cured, dry salted	426,097	95,529	36,125
Cured, sweet pickled	1,588,025	947,236	472,329
In process of cure	917,475	3,981,767	624,688
T O T A L S	7,231,074	13,445,944	2,017,308
Lard - Pure and Prime Steam	1,029,138	2,245,493	310,904
Beef - Fresh frozen	650,422	332,289	218,161
Fresh, not frozen	541,763	532,300	447,361
Cured	(1)	18,041)	5,560)
In process of cure	-	)	)
T O T A L S	1,192,185	882,630	671,082
Veal - Fresh frozen	25,686	23,687	)
Fresh, not frozen	68,443	66,919	)
T O T A L S	94,129	90,606	(1)
Mutton and Lamb - Frozen	5,137	12,672	104,601
Not frozen	16,706	17,734	35,412
T O T A L S	21,843	30,406	140,013
Poultry - Broilers	1,336	1,068	(2)
Chickens	67,695	63,216	22,583
Fowl	27,640	50,178	25,896
Ducks	1,424	8,981	4,266
Geese	4,352	14,776	(2)
Turkeys	338,461	40,056	51,500
Unclassified	9,350	10,266	80,102
T O T A L S	450,258	188,541	184,347

Fish -

	Fresh			Smoked & Other Varieties		
	Manitoba	Sask & Alta.	British Columbia	Manitoba	Sask & Alta.	British Columbia
Cod - Whole	5,351)	28,515	149,581)	28,175)	9,038)	31,145)
" Fillets	)	1,487	)	)	)	)
Haddock - Whole	(2)	22,310)	(2)	-	35,720	142,296)
" Fillets	(2)	)	(2)	(2)	89,399	)
Halibut	14,748	102,635	1,055,661	-	(2)	(2)
Herring	3,113	7,734	1,519,745	(2)	18,841	10,840
Mackerel	(2)	(2)	-	(2)	(2)	-
Salmon	7,360	58,571	324,623	(2)	2,279	112,600
Smelts	851	(2)	(2)	-	-	-
Trout	5,232	7,642	-	-	-	-
Whitefish	34,978	273,152	(2)	-	(2)	-
Squid	(2)	-	-	-	-	-
Other	506,642	43,500	25,672	289,172	22,829	25,065
T O T A L S	578,275	545,546	3,075,282	317,347	168,106	321,946

Note:- Butter and Egg totals by provinces are as follows:-

	Saskatchewan	Alberta
Butter - Creamery and Dairy	448,289	618,155
Eggs - Cold Storage	469,430	761,107

(1) Less than three reports received.

(2) Included in "Unclassified" or "Other".

221 *Leucosia* als eindeutige Artmarken zu den *Leucosia*-Arten der Weltfauna und der Tropen- und Subtropen-Biozönose.

-1960-1970-1980-1990-2000-2010-2020-2030-2040-2050-2060-2070-2080-2090-20100

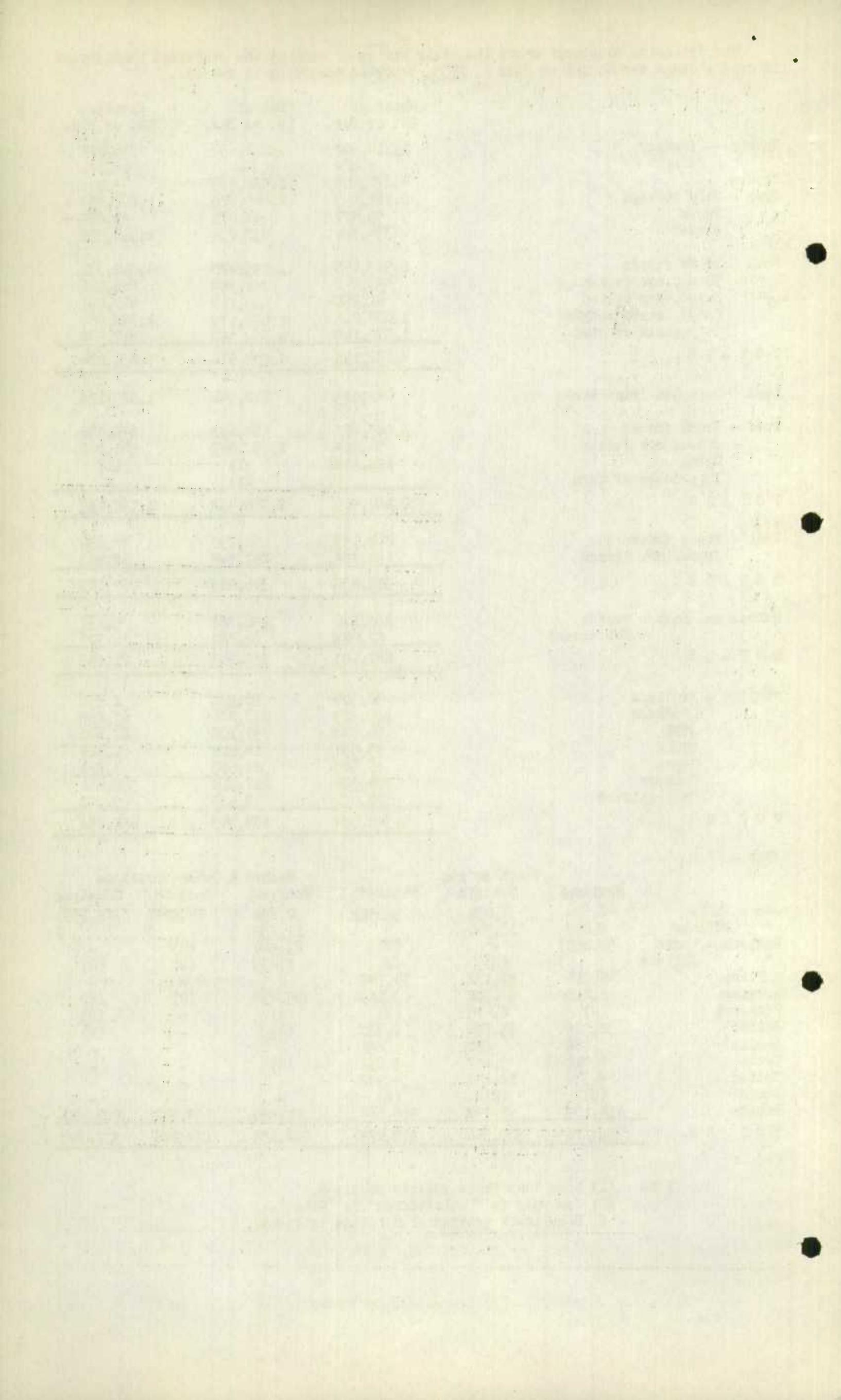
Digitized by Google

• 1971-1980 "Offices with less than 100 employees" or "offices with less than 100 employees" at labor force

The following statement shows the distribution of each of the mentioned commodities in cold storage warehouses on June 1, 1933, reported according to cities.

	Montreal Lb. or Doz.	Toronto Lb. or Doz.	Winnipeg Lb. or Doz.		
Butter - Creamery	1,114,900	1,011,650	396,411		
Dairy	1,072	-	15,271		
Cheese	4,251,609	1,581,985	45,008		
Eggs - Cold Storage	2,781,153	2,240,820	1,697,190 #		
Fresh	95,477	68,079	59,655 #		
Frozen	334,781	995,734	1,302,558		
Pork - Fresh frozen	1,973,470	2,199,420	4,010,331		
Fresh, not frozen	450,248	751,899	289,146		
Cured, dry salted	41,251	580,117	426,097		
Cured, sweet pickled	1,037,065	1,068,178	1,588,025		
In process of cure	1,230,165	2,635,362	917,475		
<b>T O T A L S</b>	<b>4,732,199</b>	<b>7,234,976</b>	<b>7,231,074</b>		
Lard - Pure and Prime Steam	448,083	810,941	1,029,138		
Beef - Fresh frozen	1,085,627	564,603	650,422		
Fresh, not frozen	796,714	1,793,849	541,763		
Cured	185,578)	(1)	(1)		
In process of cure	)	(1)	-		
<b>T O T A L S</b>	<b>2,067,919</b>	<b>2,358,452</b>	<b>1,192,185</b>		
Veal - Fresh frozen	415,153	58,738	25,686		
Fresh, not frozen	158,785	247,745	68,443		
<b>T O T A L S</b>	<b>573,938</b>	<b>306,483</b>	<b>94,129</b>		
Mutton and Lamb - Frozen	260,106	150,783	5,137		
Not frozen	27,074	66,760	16,706		
<b>T O T A L S</b>	<b>287,180</b>	<b>217,543</b>	<b>21,843</b>		
Poultry - Broilers	37,504	12,551	1,336		
Chickens	389,313	286,226	67,695		
Fowl	66,572	51,102	27,640		
Ducks	93,594	14,118	1,424		
Geese	36,688	28,693	4,352		
Turkeys	704,342	287,814	338,461		
Unclassified	20,071	9,439	9,350		
<b>T O T A L S</b>	<b>1,348,084</b>	<b>689,943</b>	<b>450,258</b>		
Fish -					
	Fresh	Frozen	Smoked & Other Varieties		
	Montreal	Toronto	Montreal	Toronto	Winnipeg
Cod - Whole	48,696	1,031	32,831	24,864)	28,175)
" Fillets	8,048	13,740	)	11,235	)
Haddock - Whole	55,090)	-	(2)	23,540	(2)
" Fillets	)	(2)	(2)	8,475	(2)
Halibut	46,914	58,172	14,748	-	-
Herring	16,280	98,902	3,113	205,494	(2)
Mackerel	(2)	2,475	(2)	(2)	(2)
Salmon	30,025	55,704	7,360	(2)	(2)
Smelts	368	620	851	-	-
Trout	2,610	3,667	5,232	(2)	-
Whitefish	5,338	12,277	34,978	-	-
Squid	(2)	(2)	(2)	-	-
Other	124,107	92,758	506,642	10,560	109,322
<b>T O T A L S</b>	<b>338,176</b>	<b>339,346</b>	<b>578,275</b>	<b>292,135</b>	<b>289,172</b>
Note:-	(1) Less than three reports received.				
	(2) Included in "Unclassified" or "Other".				
	# Some small provincial holdings included.				

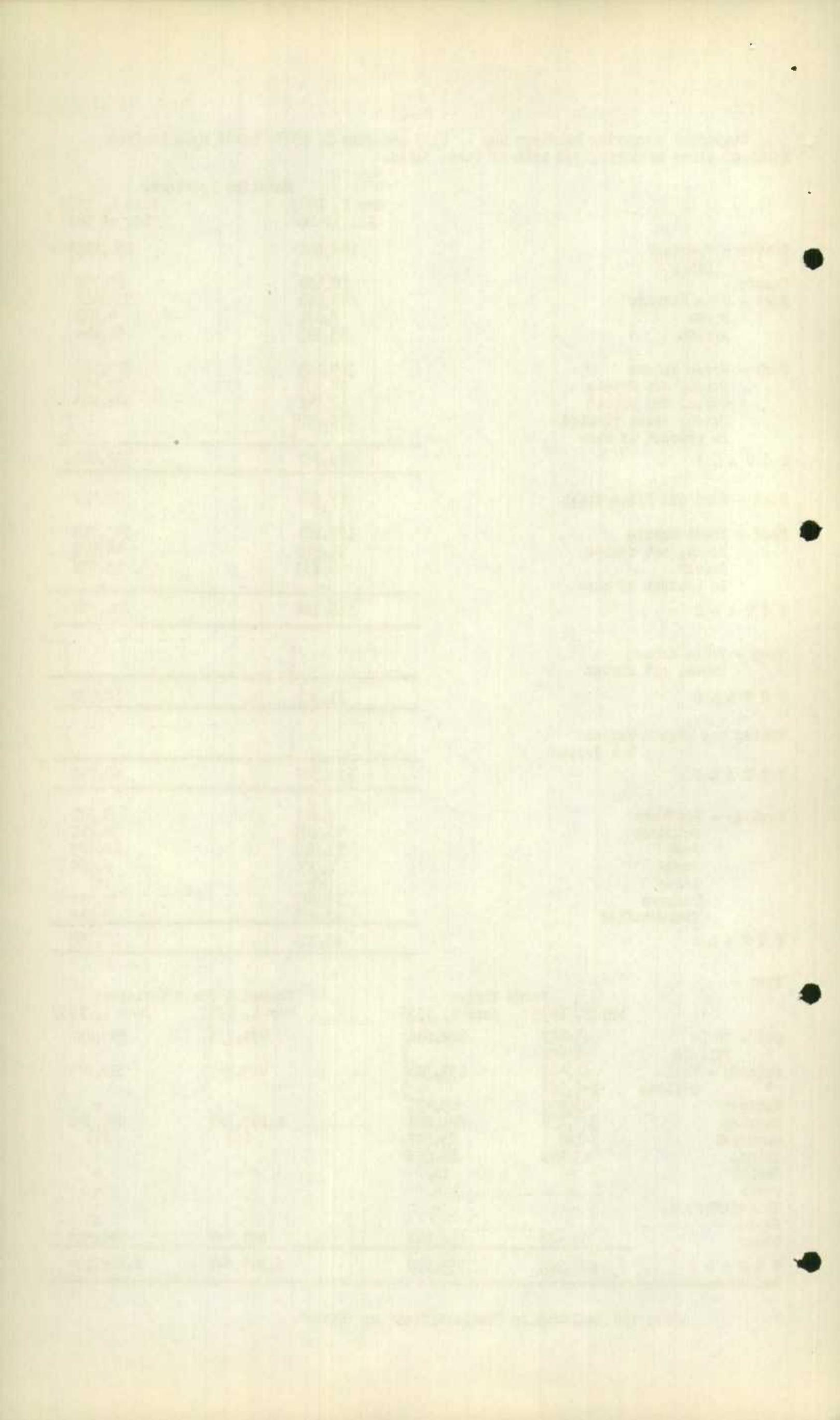
Note:- (1) Less than three reports received.  
(2) Included in "Unclassified" or "Other".  
# Some small provincial holdings included.



Statement comparing holdings May 1, 1933 and June 1, 1933, based upon limited lists of firms reporting for both of these dates.

	Maritime Provinces	
	May 1, 1933 Lb. or Doz.	June 1, 1933 Lb. or Doz.
Butter - Creamery	104,510)	131,269)
Dairy	)	)
Cheese	18,680	15,739
Eggs - Cold Storage	49,290	335,616
Fresh	7,071	4,239
Frozen	53,523	61,244
Pork - Fresh Frozen	319,125	313,106
Fresh, not frozen	85,992	50,491
Cured, dry salted	57,741	228,852
Cured, sweet pickled	178,099)	)
In process of cure	)	)
T O T A L S	640,957	592,449
Lard - Pure and Prime Steal	17,587	36,117
Beef - Fresh frozen	128,121	143,719
Fresh, not frozen	31,910	44,929
Cured	6,733	15,936
In process of cure	-	-
T O T A L S	106,764	204,584
Veal - Fresh frozen	)	)
Fresh, not frozen	)	)
T O T A L S	11,301	12,590
Mutton and Lamb - Frozen	)	)
Not frozen	)	)
T O T A L S	112,942	62,570
Poultry - Broilers	9,687	9,371
Chickens	40,953	34,210
Fowl	13,919	10,225
Ducks	1,000	2,550
Geese	(x)	(x)
Turkeys	19,247	38,411
Unclassified	10,899	5,018
T O T A L S	95,705	99,785
Fish -		
	Fresh Frozen	
	May 1, 1933	June 1, 1933
Cod - Whole	65,927	128,806)
" Fillets	96,458	)
Haddock - Whole	61,465	135,320)
" Fillets	146,989	)
Halibut	23,057	45,432
Herring	347,934	291,862
Mackerel	(x)	23,557
Salmon	15,568	14,058
Smelts	-	(x)
Trout	-	-
Whitefish	-	-
Squid	-	-
Other	99,527	116,247
T O T A L S	856,925	755,282
	Smoked & Other Varieties	
	May 1, 1933	June 1, 1933
Cod - Whole	474,735)	585,410)
" Fillets	)	)
Haddock - Whole	429,765)	397,845)
" Fillets	)	)
Halibut	-	-
Herring	1,107,884	999,349
Mackerel	(x)	(x)
Salmon	-	-
Smelts	-	-
Trout	-	-
Whitefish	-	-
Squid	-	-
Other	837,457	777,500
T O T A L S	2,849,841	2,760,104

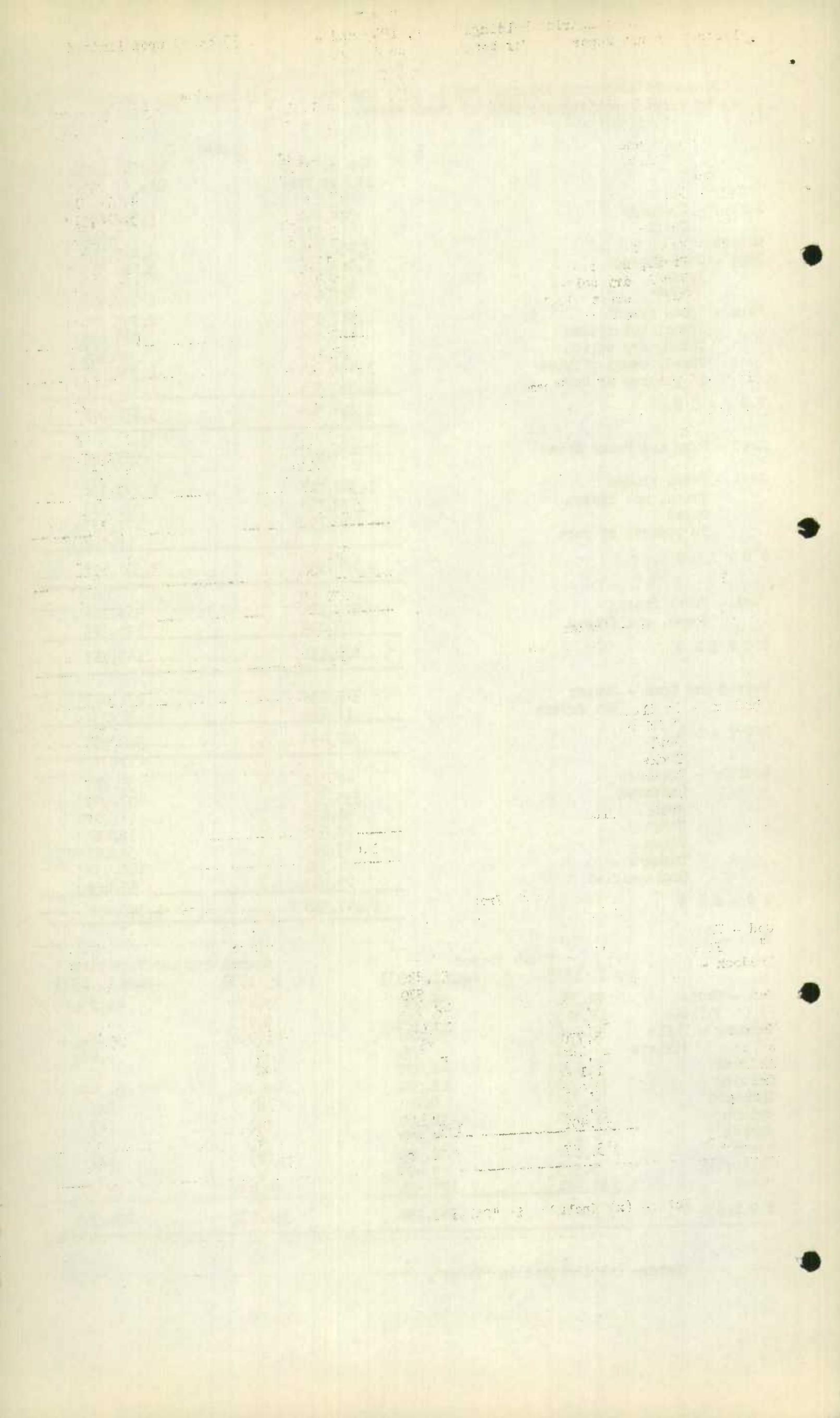
Note: (x) Included in "Unclassified" or "Other".



Statement comparing holdings May 1, 1933 and June 1, 1933 based upon limited lists of firms reporting for both of these dates.

	Quebec	
	May 1, 1933	June 1, 1933
	Lb. or Doz.	Lb. or Doz.
Butter - Creamery	324,246	1,307,885
Dairy	579	3,612
Cheese	3,432,899	4,275,714
Eggs - Cold Storage	1,085,226	3,292,313
Fresh	123,704	122,743
Frozen	408,638	342,699
Pork - Fresh frozen	2,517,098	2,255,397
Fresh, not frozen	629,695	589,295
Cured, dry salted	71,126	48,526
Cured, sweet pickled	1,455,614	1,302,605
In process of cure	1,540,991	1,481,198
T O T A L S	<u>6,274,524</u>	<u>5,677,021</u>
Lard - Pure and Prime Steam	404,597	559,188
Beef - Fresh frozen	1,362,084	1,143,332
Fresh, not frozen	772,724	971,572
Cured	50,191)	177,733
In process of cure	)	15,020
T O T A L S	<u>2,184,999</u>	<u>2,307,657</u>
Veal - Fresh frozen	219,126	468,814
Fresh, not frozen	<u>53,005</u>	<u>180,973</u>
T O T A L S	<u>272,131</u>	<u>649,787</u>
Mutton and Lamb - Frozen	365,233	271,853
Not frozen	<u>17,261</u>	<u>30,732</u>
T O T A L S	<u>382,499</u>	<u>302,585</u>
Poultry - Broilers	42,312	37,729
Chickens	353,313	403,559
Fowl	51,170	67,287
Ducks	78,590	93,857
Geese	33,961	36,787
Turkeys	464,391	729,939
Unclassified	23,573	20,698
T O T A L S	<u>1,047,310</u>	<u>1,389,856</u>
Fish -		
	Fresh Frozen	Smoked & Other Varieties
	May 1, 1933	June 1, 1933
Cod - Whole	58,391	37,437
" Fillets	17,413	6,273
Haddock - Whole	55,786	41,990)
" Fillets	743	)
Halibut	53,131	-
Herring	18,398	248,892
Mackerel	5,770	(x)
Salmon	45,459	(x)
Smelts	1,138	4,090
Trout	2,062	2,915
Whitefish	5,565	5,495
Other	99,401	127,551
T O T A L S	<u>363,257</u>	<u>358,822</u>
		292,300

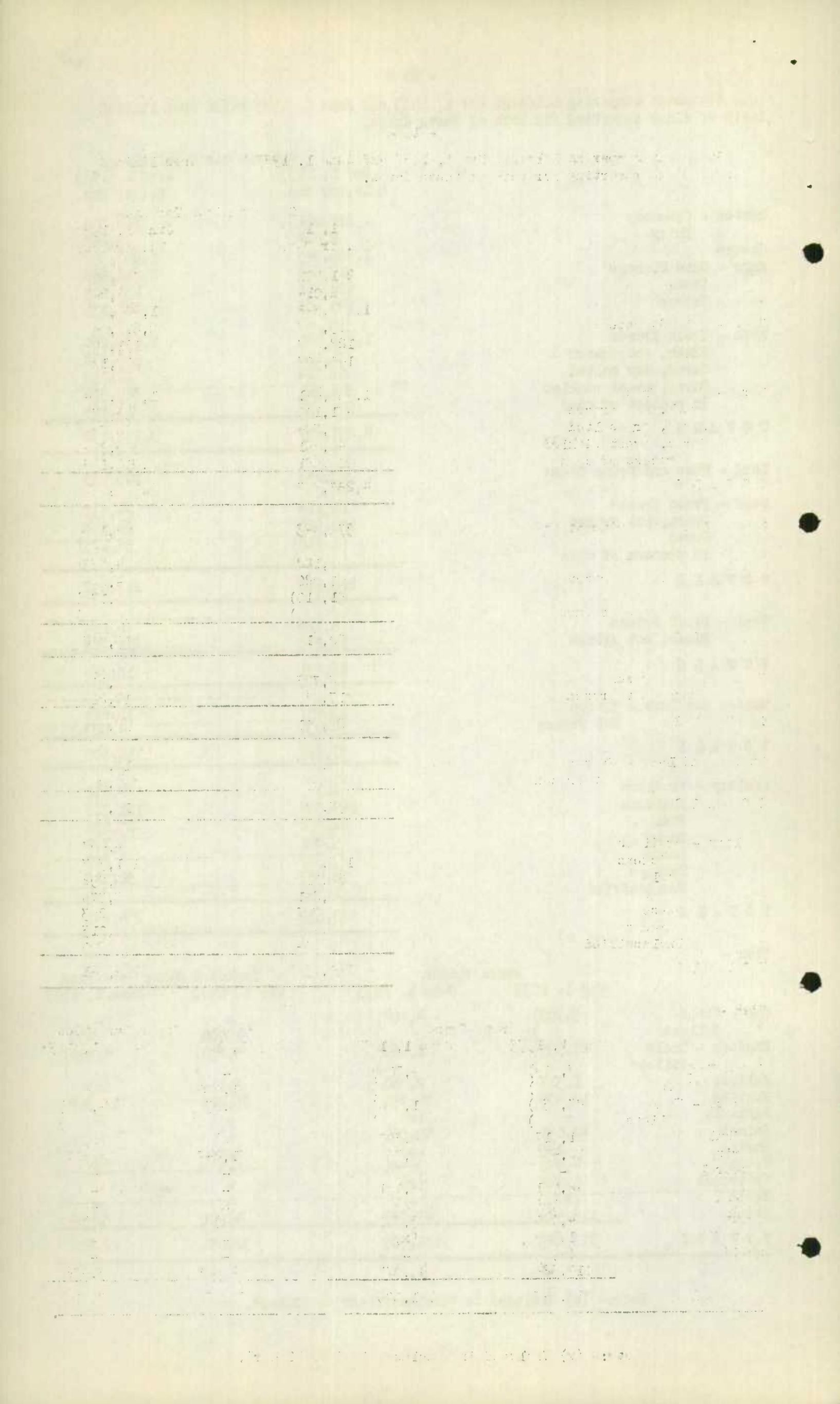
Note:- (x) Included in "Other".



Statement comparing holdings May 1, 1933 and June 1, 1933 based upon limited lists of firms reporting for both of these dates.

	Ontario minus Toronto	
	May 1, 1933 Lb. or Doz.	June 1, 1933 Lb. or Doz.
Butter - Creamery	281,001	768,350
Dairy	2,014	3,247
Cheese	1,985,545	1,943,356
Eggs - Cold Storage	813,268	2,218,848
Fresh	122,268	131,809
Frozen	140,608	272,136
Pork - Fresh frozen	1,955,441	1,639,864
Fresh, not frozen	481,100	559,872
Cured, dry salted	68,784	72,735
Cured, sweet pickled	846,321	369,394
In process of cure	905,651	1,313,165
T O T A L S	4,257,297	3,955,030
Lard - Pure and Prime Steam	373,043	603,193
Beef - Fresh frozen	68,182	64,533
Fresh, not frozen	100,920	94,294
Cured	51,510)	54,175)
In process of cure	)	)
T O T A L S	220,612	213,002
Veal - Fresh frozen	8,723	6,115
Fresh, not frozen	17,878	12,213
T O T A L S	26,601	18,328
Mutton and Lamb - Frozen	35,247	15,426
Not frozen	2,031	4,263
T O T A L S	37,278	19,689
Poultry - Broilers	(x)	4,497
Chickens	163,882	111,387
Fowl	22,712	23,292
Ducks	5,291	3,779
Geese	387	283
Turkeys	56,459	91,013
Unclassified	1,904	390
T O T A L S	250,635	234,641
Fish -		
	Fresh Frozen	
	May 1, 1933	June 1, 1933
Cod - Whole	3,709)	4,704)
" Fillets	)	)
Haddock - Whole	27,935)	1,960)
" Fillets	)	)
Halibut	1,517	2,300
Herring	12,400	74,756
Mackerel	-	(x)
Salmon	42,051	45,061
Smelts	145	(x)
Trout	4,040	3,351
Whitefish	1,924	(x)
Squid	(x)	-
Other	119,924	49,377
T O T A L S	213,645	181,509
	Smoked & Other Varieties	
	May 1, 1933	June 1, 1933
Cod - Whole	-	-
" Fillets	1,080	453
Haddock - Whole	5,630)	4,990)
" Fillets	)	)
Halibut	(x)	(x)
Herring	21,247	18,307
Mackerel	-	-
Salmon	-	-
Smelts	(x)	-
Trout	(x)	(x)
Whitefish	-	-
Squid	-	-
Other	4,081	3,456
T O T A L S	32,038	27,206

Note:- (x) Included in "Unclassified" or "Other".



Statement comparing holdings May 1, 1933 and June 1, 1933 based upon limited lists of firms reporting for both of these dates.

	Toronto	May 1, 1933 Lb. or Doz.	June 1, 1933 Lb. or Doz.	
Butter - Creamery		194,885	1,011,650	
Dairy		-	-	
Cheese		1,583,901	1,581,985	
Eggs - Cold storage		844,950	2,240,820	
Fresh		117,667	68,079	
Frozen		820,504	995,734	
Pork - Fresh frozen		2,757,505	2,199,420	
Fresh, not frozen		836,383	751,899	
Cured, dry salted		173,545	580,117	
Cured, sweet pickled		1,710,347	1,068,178	
In process of cure		1,769,414	2,635,362	
T O T A L S		<u>7,247,194</u>	<u>7,234,976</u>	
Lard - Pure and Prime Steam		747,829	810,941	
Beef - Fresh frozen		690,637	564,603	
Fresh, not frozen		1,544,292	1,793,849	
Cured		(1)	(1)	
In process of cure		(1)	(1)	
T O T A L S		<u>2,234,929</u>	<u>2,358,452</u>	
Veal - Fresh frozen		43,242	58,738	
Fresh, not frozen		294,728	247,745	
T O T A L S		<u>337,970</u>	<u>306,483</u>	
Mutton and Lamb - Frozen		338,156	150,783	
Not frozen		40,692	66,760	
T O T A L S		<u>378,848</u>	<u>217,543</u>	
Poultry - Broilers		4,600	12,551	
Chickens		377,721	286,226	
Fowl		50,638	51,102	
Ducks		13,380	14,118	
Geese		28,299	28,693	
Turkeys		228,626	287,814	
Unclassified		13,039	9,439	
T O T A L S		<u>716,303</u>	<u>689,943</u>	
Fish -				
	Fresh	Frozen	Smoked & Other Varieties	
	May 1, 1933	June 1, 1933	May 1, 1933	June 1, 1933
Cod - Whole	(2)	1,031	44,084)	24,864)
" Fillets	(2)	13,740	)	)
Haddock - Whole	-	-	(2)	(2)
" Fillets	9,693	(2)	(2)	(2)
Halibut	129,682	58,172	-	-
Herring	132,556	98,902	(2)	(2)
Mackerel	3,691	2,475	-	-
Salmon	99,508	55,704	-	-
Smelts	276	620	-	-
Trout	5,581	3,667	-	-
Whitefish	26,928	12,277	-	-
Squid	-	(2)	-	-
Other	<u>78,425</u>	<u>92,758</u>	<u>92,570</u>	<u>109,322</u>
T O T A L S	<u>486,340</u>	<u>339,346</u>	<u>136,654</u>	<u>134,186</u>

Note:- (1) Less than three reports received.  
(2) Included in "Other".

ST. E  
CE

Statement comparing holdings May 1, 1933 and June 1, 1933 based upon limited lists of firms reporting for both of these dates.

	Manitoba	
	May 1, 1933 Lb. or Doz.	June 1, 1933 Lb. or Doz.
Butter - Creamery	211,594	554,765
Dairy	2,464	16,571
Cheese	40,264	45,008
Eggs - Cold Storage	305,630	1,697,190
Fresh	181,468	59,655
Frozen	1,205,894	1,302,558
Pork - Fresh frozen	3,410,715	4,010,331
Fresh, not frozen	476,561	289,146
Cured, dry salted	283,160	426,097
Cured, sweet pickled	1,331,822	1,588,025
In process of cure	688,147	917,475
T O T A L S	<u>6,190,405</u>	<u>7,231,074</u>
Lard - Pure and Prime Steam	576,627	1,029,138
Beef - Fresh frozen	563,995	650,422
Fresh, not frozen	596,885	541,763
Cured	-	(1)
In process of cure	(1)	-
T O T A L S	<u>1,160,880</u>	<u>1,192,185</u>
Veal - Fresh frozen	25,687	25,686
Fresh, not frozen	77,368	68,443
T O T A L S	<u>103,055</u>	<u>94,129</u>
Mutton and Lamb - Frozen	30,048	5,137
Not frozen	16,466	16,706
T O T A L S	<u>46,514</u>	<u>21,843</u>
Poultry - Broilers	15,564	1,336
Chickens	157,016	67,695
Fowl	40,928	27,640
Ducks	1,556	1,424
Geese	(2)	4,352
Turkeys	543,144	338,461
Unclassified	7,476	9,350
T O T A L S	<u>765,684</u>	<u>450,258</u>

Fish -

	Fresh	Frozen	Smoked & Other Varieties	
	May 1, 1933	June 1, 1933	May 1, 1933	June 1, 1933
Cod - Whole	6,297	5,351)	(2)	28,175)
" Fillets	-	)	(2)	)
Haddock - Whole	9,420)	(2)	35,763)	-
" Fillets	)	(2)	)	(2)
Halibut	10,425	14,748	-	-
Herring	3,280	3,113	(2)	(2)
Mackerel	(2)	(2)	(2)	(2)
Salmon	8,502	7,360	-	(2)
Smelts	821	851	-	-
Trout	4,725	5,232	-	-
Whitefish	45,669	34,978	-	-
Squid	(2)	(2)	-	-
Other	<u>583,135</u>	<u>506,642</u>	<u>262,456</u>	<u>289,172</u>
T O T A L S	<u>672,274</u>	<u>578,275</u>	<u>298,219</u>	<u>317,347</u>

Note:- (1) Less than three reports received.

(2) Included in "Unclassified" or "Other".

position of the  $\alpha$ -helix in the protein backbone.

Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

Figure 6

Figure 7

Figure 8

Figure 9

Figure 10

Figure 11

Figure 12

Figure 13

Figure 14

Figure 15

Figure 16

Figure 17

Figure 18

Figure 19

Figure 20

present in  
but the  
to Rho seems  
other than

the same as  
in the  
Rho

and the  
Rho

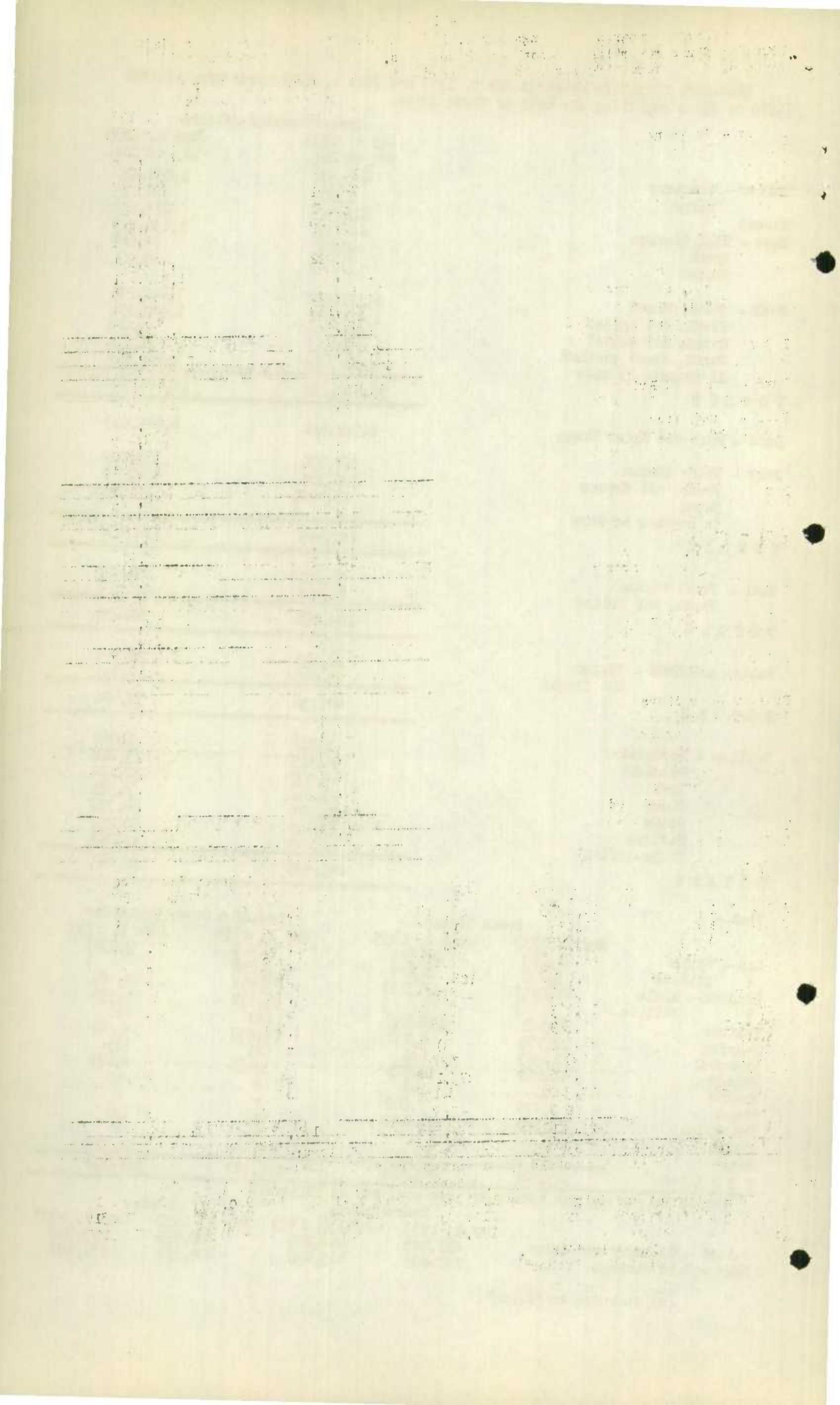
Statement comparing holdings May 1, 1933 and June 1, 1933 based upon limited lists of firms reporting for both of these dates.

Saskatchewan & Alberta				
	May 1, 1933 Lb. or Doz.	June 1, 1933 Lb. or Doz.		
Butter - Creamery	450,376	1,004,850		
Dairy	1,202	16,755		
Cheese	212,926	277,533		
Eggs - Cold Storage	674,391	1,230,537		
Fresh	65,181	63,644		
Frozen	33,529	29,861		
Pork - Fresh frozen	6,327,822	7,400,191		
Fresh, not frozen	1,218,042	1,021,221		
Cured, dry salted	205,795	95,529		
Cured, sweet pickled	774,132	947,236		
In process of cure	3,944,448	3,981,767		
T O T A L S	12,470,239	13,445,944		
Lard - Pure and Prime Steam	1,711,611	2,245,493		
Beef - Fresh frozen	367,036	332,289		
Fresh, not frozen	506,925	532,300		
Cured	14,488)	18,041)		
In process of cure	)	)		
T O T A L S	888,449	882,630		
Veal - Fresh frozen	32,251	23,687		
Fresh, not frozen	76,647	66,919		
T O T A L S	108,898	90,606		
Mutton and Lamb - Frozen	22,037	12,672		
Not frozen	25,099	17,734		
T O T A L S	47,136	30,406		
Poultry - Broilers	8,912	1,068		
Chickens	96,815	63,216		
Fowl	45,039	50,178		
Ducks	10,208	8,981		
Geese	14,876	14,776		
Turkeys	73,607	40,056		
Unclassified	12,473	10,266		
T O T A L S	261,930	188,541		
Fish -				
	Fresh	Frozen	Smoked & Other Varieties	
	May 1, 1933	June 1, 1933	May 1, 1933	June 1, 1933
Cod - Whole	21,693	28,515	1,518	9,038)
" Fillets	5,739	1,487	3,892	)
Haddock - Whole	24,015)	22,310)	23,595	25,720
" Fillets	)	)	96,952	89,399
Halibut	64,181	102,635	(x)	(x)
Herring	10,775	7,734	24,852	18,841
Mackerel	1,353	(x)	(x)	(x)
Salmon	42,869	58,571	3,251	2,279
Smelts	(x)	(x)	-	-
Trout	9,776	7,642	-	-
Whitefish	317,320	273,152	(x)	(x)
Squid	-	-	-	-
Other	46,200	43,500	17,462	22,829
T O T A L S	543,921	545,546	171,522	168,106

Note:- Butter and Egg totals by provinces are as follows:-

	Saskatchewan	Alberta		
	May 1, 1933	June 1, 1933	May 1, 1933	June 1, 1933
Butter - Creamery and dairy	211,089	448,289	240,489	573,316
Eggs - Cold Storage	190,030	469,430	484,361	761,107

(x) Included in "Other".



Statement comparing holdings May 1, 1933 and June 1, 1933 based upon limited lists of firms reporting for both of these dates.

	British Columbia		
	May 1, 1933 Lb. or Doz.	June 1, 1933 Lb. or Doz.	
Butter - Creamery	360,476)	440,094)	
Dairy	)	)	
Cheese	243,444	212,843	
Eggs - Cold Storage	268,590	492,282	
Fresh	13,852	31,354	
Frozen	38,132	80,555	
Pork - Fresh frozen	662,345	754,906	
Fresh, not frozen	169,492	128,637	
Cured, dry salted	43,757	35,716	
Cured, sweet pickled	472,354	472,329	
In process of cure	613,489	524,688	
T O T A L S	<u>1,961,437</u>	<u>2,016,276</u>	
Lard - Pure and Prime Steam	321,946	306,580	
Beef - Fresh frozen	250,443	218,161	
Fresh, not frozen	350,972	447,361	
Cured	8,679)	51,560)	
In process of cure			
T O T A L S	<u>620,094</u>	<u>671,082</u>	
Mutton and Lamb - Frozen	26,767	104,601	
Not frozen	25,090	35,412	
T O T A L S	<u>51,857</u>	<u>140,013</u>	
Poultry - Broilers	(x)	(x)	
Chickens	44,419	22,214	
Fowl	41,125	25,710	
Ducks	6,107	4,266	
Geese	(x)	(x)	
Turkeys	61,054	51,435	
Unclassified	87,969	80,101	
T O T A L S	<u>240,674</u>	<u>183,726</u>	
Fish -			
	Fresh	Frozen	Smoked & Other Varieties
	May 1, 1933	June 1, 1933	May 1, 1933
Cod - Whole	164,685	149,581)	8,158
" Fillets	-	)	32,209
Haddock - Whole	-	(x)	149,668
" Fillets	(x)	(x)	11,460
Halibut	588,362	1,055,661	(x)
Herring	1,547,767	1,519,745	10,500
Mackerel	-	-	-
Salmon	468,681	324,623	33,374
Smelts	(x)	(x)	-
Trout	-	-	-
Whitefish	(x)	(x)	-
Squid	-	-	-
Other	<u>32,675</u>	<u>25,630</u>	<u>26,608</u>
T O T A L S	<u>2,802,169</u>	<u>3,075,240</u>	<u>271,977</u>
			<u>25,065</u>
			<u>321,946</u>

Note:- (x) Included in "Unclassified" or "Other".

