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SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

JANUARY, 1958

Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
Foods and Beverages Section

6513-504-18

Price 25 cents

Vol. XII—1

EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1958

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

In October, 1947 the Dominion Bureau of Statistics, in co-operation with the National Council of the Canadian Feed Manufacturers' Association, commenced a survey on a sample basis of Shipments of Prepared Stock and Poultry Feeds, showing export shipments as well as provincial destinations in Canada.

By 1950 the monthly survey on Shipments assumed real value since it formed a basis of comparing current months with corresponding months of the previous year. Because it was still difficult to estimate certain individual commodities reliably, the coverage of the survey was increased to 200 firms in 1951 and became representative of about 76% of the total volume of the industry. This series was presented on an index basis up to the end of 1953.

During 1953 the feeds industry desired volume figures which would reveal the actual disappearance into the hands of ultimate consumers. The result is the current survey which is produced from monthly returns of all primary manufacturers of concentrates together with returns of a sample survey of manufacturers who use raw ingredients in their finished feeds.

The information presented in this report has been arranged as follows:

Table 1 presents the total annual production of Primary and Secondary or complete feeds in Canada for 1956 together with an estimate of production for the calendar year 1957 and as well the production for the current month in 1957 and 1958 with cumulative totals for 1957 and 1958.

Table 2 shows the 1958 shipments of primary or concentrated feeds by principal commodities, provincial destination and export. Column (a) gives the total shipments of all concentrates while column (b) gives the shipments of concentrates moving out of the Industry in their original form. The difference between column (a) and column (b) shows the amount of primary feeds used by the secondary feed manufacturers in producing complete feeds. Factor No. 2, which will convert concentrates to feeds is included respectively in brackets after the title of each concentrate. (See pages 4, 6 and 8). How to use these factors is explained on page 21.

Table 3 shows the volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export. Using conversion factors provided by all firms in the primary survey, the resulting volume of feeds has been added to those totals reported by firms which manufacture finished feeds from raw materials. The volume of feeds, shown in this section, therefore, represents the estimated total feeds shipped by all types of manufacturers including franchise operators and independent manufacturers who purchase concentrates from primary manufacturers. Factor No. 1, which will show the proportion of concentrates moving out of the Industry is shown on page 20.

Table 4 presents the volume of shipments by manufacturers of other types of stock feeds by principal commodities, provincial destination and export. In this section specialized feeds such as dog and cat foods, mineral mixtures, etc., are the result of 100% survey of the producing industry. Other commodities are estimated on a sample basis.

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

CLASSIFICATION OF FEEDS

A complete feed is a formulated feed to be fed as is, and may be in the form of mash, pellets, crumbles, cubes, etc. For your assistance in classifying these commodities, the following explanation is offered:

1. Calf concentrates - Any concentrate or making a complete Calf Feed.
2. Dairy and Cattle concentrates - Any concentrate 24% protein or higher for Cattle or Dairy Cows.
3. Swine concentrates - Any concentrate 35% protein or higher for swine.
4. Poultry Concentrates:
 - (a) Chick Starter Concentrates - Any concentrate for making a complete Chick Starter.
 - (b) Broiler Concentrates - Any concentrate for making a complete Broiler Feed.
 - (c) Growing Concentrates - Any concentrate for making a complete feed for growing chickens.
 - (d) Laying and Hatching Concentrates - Any concentrate for making a complete feed for laying hens.
 - (e) Fattening and Finishing Concentrates - Any concentrate for making a complete fattening feed for fowl other than Broilers or Turkeys.
 - (f) Turkey Concentrates - Any concentrate for making a complete turkey feed.
 - (g) Other Concentrates - Any concentrate for Poultry not covered by any other classification.
5. Calf feeds - Any complete feed for calves up to 5 months of age.
6. Dairy and Cattle Feeds - Any complete feed under 24% protein for Cattle or Dairy Cows but excluding Calf Feeds.
7. Swine Feeds - Any complete swine feed under 35% protein.
8. Poultry Feeds:
 - (a) Chick Starter Feeds - Any complete feed for starting chickens other than Broilers.
 - (b) Broilers Feeds - Any complete feed for starting, growing or finishing Broilers.
 - (c) Growing Feeds - Any complete feed for growing chickens.
 - (d) Laying and Hatching Feeds - Any complete feed for laying hens.
 - (e) Fattening and Finishing Feeds - Any complete feed for fattening cockerels, capons or other fowl other than broilers and turkeys and excluding Scratch Grains.
 - (f) Turkey Feeds - Any complete feed for starting, growing or finishing turkeys.
 - (g) Other Complete Feeds - Any complete feed for pheasants, ducks or other poultry and not covered by any other classification.
11. Dog and Cat Foods:
 - (b) Biscuits - Kibble and all baked products.
 - (c) Meal - Pellets, cubes and other forms.
12. Scratch Grains - Any mixture of Whole or Cracked Grains only for Poultry.
13. Other Animal Feeds - Such as Horse Feed, Rabbit Feed, etc.

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 1 - Production of Prepared Stock and Poultry Feeds in Canada 1956 together with estimated comparable data for 1957. Current monthly production accompanied by cumulative totals for 1957 and 1958 reported in columns (3), (4), (5), and (6) respectively.

	1956 Total Shipments (Annual) (1)	ESTIMATED				
		1957 Total Shipments	Jan. 1957	Jan. 1958	Cumulative 1957	Cumulative 1958
	Ton	Ton	Ton	Ton	Ton	Ton
<u>"A" PRIMARY OR CONCENTRATED FEEDS</u>						
Calf Concentrates	1,819	2,131	143	166	143	166
Dairy and Cattle Concentrates	79,364	97,701	10,891	11,462	10,891	11,462
Swine Concentrates	93,014	103,251	9,788	11,804	9,788	11,804
Poultry Concentrates Total	160,486	158,761	12,677	13,236	12,677	13,236
Chick Starter	10,596	9,574	588	638	588	638
Broiler	26,491	18,104	1,514	1,914	1,514	1,914
Growing	28,099	26,709	1,239	1,224	1,239	1,224
Laying and Hatching	80,048	84,968	8,355	8,562	8,355	8,562
Fattening and Finishing	1,188	618	26	18	26	18
Turkey	10,343	14,307	529	433	529	433
Other Poultry(2)	3,721	4,481	426	447	426	447
Total All Concentrates	334,683	361,844	33,499	36,668	33,499	36,668
<u>"B" SECONDARY OR COMPLETE FEEDS</u>						
Calf Feeds	21,250	22,414	1,800	2,020	1,800	2,020
Dairy and Cattle Feeds	426,375	439,301	46,921	46,342	46,921	46,342
Swine Feeds	495,229	527,100	48,797	56,606	48,797	56,606
Poultry Feeds Total	1,102,839	1,098,423	82,064	82,816	82,064	82,816
Chick Starter	103,090	87,818	5,885	5,532	5,885	5,532
Broiler	196,494	213,329	16,921	20,759	16,921	20,759
Growing	184,111	163,427	7,291	6,719	7,291	6,719
Laying and Hatching	441,187	464,539	44,452	43,741	44,452	43,741
Fattening and Finishing	17,468	11,633	711	441	711	441
Turkey	136,489	134,909	4,787	3,659	4,787	3,659
Other Poultry	24,000	22,768	2,017	1,965	2,017	1,965
Total All Complete Feeds	2,045,693	2,087,238	179,582	187,784	179,582	187,784
<u>"C" ALL OTHER ANIMAL FEEDS</u>						
Dog and Cat Foods	63,797	65,934	5,477	6,130	5,477	6,130
Canned	50,569	52,443	4,425	4,928	4,425	4,928
Biscuits	4,308	3,809	304	328	304	328
Other (Meals, etc.)	8,920	9,682	748	874	748	874
Mineral Mixtures	8,175	9,492	980	1,325	980	1,325
Fox and Mink Foods	8,140	8,683	437	500	437	500
Scratch Feeds	83,783	72,751	5,697	4,783	5,697	4,783
Other Animal Feeds	19,867	20,186	1,644*	1,757	1,644	1,757
Chopped, Ground or Crushed Grain Feeds	367,097	354,247	27,467	31,283	27,467	31,283
Total Section "C"	550,859	531,293	41,702*	45,778	41,702	45,778

(1) Revised to agree with 1956 Annual.

(2) Includes concentrates not specified.

* Revised

[illegible]

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

<u>Ontario</u>		<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>		<u>British Columbia</u>		<u>Export</u>		<u>TOTAL</u>	
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
99	13	3	1	7	2	14	4	-	-	-	-	166	28
7,538	4,410	144	106	402	316	1,907	772	89	85	1	1	11,462	6,329
6,353	3,304	357	274	272	204	1,503	1,097	9	7	4	1	11,804	5,588
7,273	2,523	1,048	743	601	523	1,228	875	117	52	16	5	13,236	5,135

[illegible]

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Continued)

<u>Ontario</u>		<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>		<u>British Columbia</u>		<u>Export</u>		<u>TOTAL</u>	
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
260	25	111	31	18	2	59	2	15	-	-	-	638	80
987	32	86	44	10	10	102	14	41	-	-	-	1,914	103
977	268	18	14	35	29	37	27	13	9	-	-	1,224	384
4,496	1,969	751	596	470	428	997	812	33	30	16	5	8,562	4,151

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SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Concluded)

<u>Ontario</u>		<u>Manitoba</u>		<u>Saskatchewan</u>		<u>Alberta</u>		<u>British Columbia</u>		<u>Export</u>		<u>TOTAL</u>	
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
15	5	-	-	-	-	1	1	-	-	-	-	18	7
182	21	82	58	42	28	26	19	5	3	-	-	433	132
356	203	-	-	26	26	6	-	10	10	-	-	447	278
21,263	10,250	1,552	1,124	1,282	1,045	3,842	2,748	215	144	21	7	36,668	17,080

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1957 - 1958 shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
<u>CALF FEEDS</u>										
January	2	1	18	19	53	54	39	39	240	282
February	-		24		53		36		280	
March	2		34		51		43		408	
April	3		33		49		55		483	
May	2		56		57		63		726	
June	4		52		39		53		648	
July	2		82		51		51		512	
August	5		51		49		60		440	
September	4		36		41		35		256	
October	7		25		34		33		183	
November	14		16		39		32		194	
December	1		17		40		29		205	
<u>DAIRY AND CATTLE FEEDS</u>										
January	368	346	748	681	3,262	3,338	2,029	1,784	9,236	9,643
February	237		695		2,905		1,566		9,092	
March	319		768		2,803		1,824		12,228	
April	334		630		3,346		2,023		11,297	
May	354		700		2,619		1,801		12,206	
June	182		286		924		693		5,862	
July	189		309		1,512		871		7,268	
August	242		520		2,083		1,075		9,822	
September	358		449		2,005		1,137		10,250	
October	429		434		2,398		1,620		11,901	
November	584		391		2,759		1,643		12,526	
December	694		784		3,462		1,677		10,696	
<u>SWINE FEEDS</u>										
January	20	20	1,434	1,299	728	827	1,014	1,127	16,976	22,565
February	31		1,212		650		869		16,069	
March	31		1,427		607		850		16,421	
April	40		808		521		613		10,329	
May	44		947		594		670		18,055	
June	47		738		552		550		11,933	
July	48		1,346		711		726		14,258	
August	50		1,300		760		1,016		18,564	
September	76		1,437		808		1,074		17,664	
October	74		1,406		786		1,008		19,021	
November	72		1,096		798		880		19,661	
December	16		1,907		973		1,073		20,394	
<u>POULTRY FEEDS TOTAL</u>										
January	356	388	586	449	3,913	4,120	1,809	1,787	19,567	19,924
February	331		515		4,182		1,651		19,238	
March	413		695		4,116		1,832		21,519	
April	343		607		4,460		2,260		18,634	
May	528		932		4,994		2,325		24,787	
June	402		739		4,287		2,167		23,115	
July	476		1,027		4,696		2,414		25,275	
August	473		749		4,739		2,418		29,056	
September	498		753		4,521		2,093		23,857	
October	574		533		4,492		2,051		23,535	
November	683		541		3,942		1,609		20,981	
December	371		728		4,503		1,687		18,903	

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1957 - 1958 shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
1,164	1,297	47	50	77	106	87	89	72	81	1	2	1,800	2,020
1,026		53		93		78		70		3		1,716	
1,261		46		92		98		65		2		2,102	
1,335		63		88		87		46		3		2,245	
1,416		55		57		79		53		1		2,565	
1,285		45		55		60		41		5		2,287	
1,090		25		41		37		51		2		1,944	
984		27		36		48		40		2		1,742	
874		27		42		54		38		2		1,409	
897		40		59		53		87		1		1,419	
961		35		76		86		61		1		1,515	
1,110		46		78		67		77		-		1,670	
21,493	21,788	292	290	490	569	2,114	2,165	6,862	5,716	27	22	46,921	46,342
18,201		311		481		1,644		6,390		41		41,563	
19,882		278		488		2,028		6,061		65		46,744	
11,176		196		379		1,394		5,052		35		35,862	
12,210		183		204		1,485		3,989		49		35,800	
7,029		94		174		263		3,267		34		18,808	
8,387		83		83		855		4,020		8		23,485	
9,619		120		229		1,228		3,741		11		28,690	
11,179		182		293		906		3,997		25		30,781	
14,980		169		318		1,023		4,831		11		38,114	
19,629		388		752		1,717		4,939		17		45,345	
21,799		351		484		1,690		5,537		14		47,188	
25,609	26,133	493	716	369	577	1,861	3,039	284	271	9	32	48,797	56,606
21,577		418		319		1,715		257		12		43,129	
20,281		421		404		2,115		224		22		42,803	
20,187		422		268		1,479		223		45		34,935	
19,102		446		356		1,556		241		23		42,034	
17,584		480		435		1,517		216		71		34,123	
20,712		430		417		1,496		291		23		40,458	
20,292		523		536		2,198		268		9		45,516	
20,113		640		587		2,194		296		21		44,910	
22,434		566		454		2,060		297		36		48,142	
22,450		676		702		2,747		253		39		49,374	
24,913		543		508		2,302		243		7		52,879	
42,888	42,182	1,375	1,714	753	1,180	2,016	2,103	8,599	8,740	202	229	82,064	82,816
37,709		1,644		1,684		2,780		7,592		220		77,546	
41,719		2,548		2,534		5,096		8,375		256		89,103	
48,352		2,979		2,277		4,066		8,982		223		93,183	
53,125		3,820		2,672		4,965		10,685		458		109,291	
49,110		2,571		1,809		2,891		9,891		318		97,300	
51,494		1,974		970		2,141		10,646		233		101,346	
47,035		1,763		913		2,417		11,437		186		101,186	
47,114		1,506		899		1,486		10,021		216		92,964	
47,184		1,566		752		1,652		10,156		146		92,641	
41,943		1,673		848		1,996		8,397		223		82,836	
40,473		1,457		679		1,507		8,464		191		78,963	

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1957 - 1958 shown in tons. (Continued)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
<u>CHICK STARTER FEEDS</u>										
January	8	11	23	18	487	295	116	93	1,514	1,296
February	19		43		435		176		1,810	
March	29		91		357		252		2,797	
April	21		116		380		340		2,992	
May	26		214		299		290		3,930	
June	10		130		253		182		3,290	
July	12		92		117		89		2,410	
August	1		12		81		51		2,026	
September	4		13		30		17		896	
October	13		2		57		22		782	
November	17		2		96		23		801	
December	16		8		285		37		822	
<u>BROILER FEEDS</u>										
January	-	1	4	18	193	338	239	260	4,675	5,867
February	1		3		234		130		4,189	
March	15		16		207		141		4,775	
April	6		8		176		216		3,950	
May	-		9		304		295		6,112	
June	-		24		188		143		5,281	
July	1		23		146		234		5,987	
August	-		13		323		168		5,525	
September	-		14		332		160		5,277	
October	-		7		365		232		5,990	
November	-		17		283		185		5,059	
December	-		12		368		198		5,276	
<u>GROWING FEEDS</u>										
January	10	13	128	37	482	480	118	87	1,017	800
February	14		85		945		161		1,248	
March	30		121		1,298		280		1,729	
April	50		147		1,376		451		1,859	
May	51		286		1,549		631		3,321	
June	46		287		1,179		776		3,783	
July	51		458		1,173		871		5,056	
August	46		316		964		829		5,863	
September	20		252		603		421		3,361	
October	24		149		349		236		2,191	
November	11		97		178		120		1,142	
December	15		219		371		77		854	
<u>LAYING AND HATCHING FEEDS</u>										
January	331	359	385	361	2,667	2,921	1,176	1,235	9,748	10,304
February	292		343		2,501		1,041		9,953	
March	337		450		2,156		980		10,275	
April	264		306		2,392		921		7,832	
May	403		384		2,614		843		7,986	
June	334		271		2,438		770		6,772	
July	382		359		2,732		813		6,820	
August	421		291		2,993		864		9,558	
September	465		253		3,086		1,008		8,782	
October	513		234		3,329		1,077		9,373	
November	643		275		3,143		939		10,098	
December	342		402		3,181		1,194		10,076	

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export 1957 - 1958 shown in tons. (Continued)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
2,417	2,034	263	469	332	459	371	482	335	362	19	13	5,885	5,532
3,237		596		954		1,124		450		17		8,861	
4,294		929		1,282		2,459		830		21		13,341	
5,898		1,459		1,194		1,870		917		14		15,201	
5,889		1,217		1,148		1,762		911		39		15,725	
3,667		583		390		548		461		24		9,538	
1,794		230		34		117		290		19		5,204	
825		113		39		152		256		13		3,569	
666		136		55		61		178		12		2,068	
924		192		59		90		217		9		2,367	
1,117		276		63		117		176		20		2,708	
1,417		251		122		179		221		1		3,351	
10,369	12,495	197	152	9	13	390	390	805	1,197	40	28	16,921	20,759
8,401		97		10		261		729		35		14,090	
9,057		167		9		391		845		49		15,672	
10,551		120		17		299		999		30		16,372	
11,997		168		20		575		1,195		77		20,752	
9,899		199		25		423		1,181		31		17,394	
10,782		205		19		449		1,149		32		19,127	
10,127		271		23		564		1,411		26		18,451	
10,676		176		36		226		1,358		27		18,282	
12,033		195		19		293		1,309		25		20,468	
10,558		123		6		375		959		30		17,595	
10,710		155		4		267		1,088		127		18,205	
4,782	4,547	12	24	28	44	93	77	567	566	54	44	7,291	6,719
4,673		31		64		107		562		59		7,949	
6,405		73		117		392		923		77		11,445	
8,630		183		132		684		1,207		73		14,792	
11,567		384		248		1,046		1,642		156		20,881	
11,975		360		200		788		1,834		146		21,374	
12,998		234		88		596		2,014		95		23,634	
9,803		154		43		434		1,610		32		20,094	
7,936		65		33		182		853		50		13,776	
6,130		35		10		91		612		38		9,865	
4,068		13		5		26		409		46		6,115	
4,246		10		-		27		381		11		6,211	
21,745	19,915	790	884	243	308	1,080	1,039	6,208	6,273	79	142	44,452	43,741
18,301		701		195		920		5,371		93		39,611	
18,550		660		183		999		5,122		97		39,809	
18,452		545		130		598		5,154		101		36,695	
16,841		622		136		624		5,636		163		36,252	
15,348		548		127		489		4,896		111		32,104	
15,757		499		139		486		5,002		81		33,070	
15,692		634		170		691		5,616		106		37,036	
17,358		712		205		714		5,534		121		38,238	
17,868		839		253		943		6,095		74		40,598	
19,299		959		379		1,177		5,668		124		42,704	
20,283		885		285		961		6,309		52		43,970	

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1957 - 1958, shown in tons. (Concluded)

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick		Quebec	
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
<u>FATTENING AND FINISHING FEEDS</u>										
January	-	-	2	2	5	6	58	10	318	219
February	-	-	-	-	1	-	59	-	187	-
March	-	-	-	-	1	-	29	-	181	-
April	-	-	3	-	18	-	20	-	167	-
May	17	-	3	-	2	-	66	-	234	-
June	-	-	-	-	17	-	32	-	359	-
July	-	-	2	-	16	-	58	-	487	-
August	-	-	12	-	17	-	92	-	637	-
September	-	-	32	-	33	-	126	-	703	-
October	-	-	29	-	42	-	128	-	971	-
November	-	-	32	-	42	-	74	-	903	-
December	-	-	10	-	26	-	38	-	406	-
<u>TURKEY FEEDS</u>										
January	7	4	21	1	31	44	20	25	1,863	978
February	5	-	12	-	18	-	19	-	1,458	-
March	2	-	11	-	69	-	55	-	1,351	-
April	1	-	20	-	89	-	205	-	1,435	-
May	28	-	30	-	205	-	105	-	2,715	-
June	12	-	23	-	178	-	168	-	3,170	-
July	30	-	89	-	328	-	242	-	4,025	-
August	5	-	96	-	313	-	308	-	4,882	-
September	9	-	182	-	392	-	271	-	4,398	-
October	24	-	106	-	318	-	248	-	3,796	-
November	10	-	109	-	178	-	172	-	2,543	-
December	6	-	65	-	232	-	70	-	1,039	-
<u>OTHER POULTRY FEEDS</u>										
January	-	-	23	12	48	36	82	77	432	460
February	-	-	29	-	48	-	65	-	393	-
March	-	-	6	-	28	-	95	-	411	-
April	1	-	7	-	29	-	107	-	399	-
May	3	-	6	-	21	-	95	-	489	-
June	-	-	4	-	34	-	96	-	460	-
July	-	-	4	-	84	-	107	-	490	-
August	-	-	9	-	48	-	106	-	565	-
September	-	-	7	-	45	-	90	-	440	-
October	-	-	6	-	32	-	108	-	432	-
November	2	-	9	-	22	-	96	-	435	-
December	-	-	12	-	40	-	73	-	430	-
<u>TOTAL ALL SECONDARY FEEDS</u>										
January	746	755	2,786	2,448	7,956	8,339	4,891	4,737	46,019	52,414
February	599	-	2,446	-	7,790	-	4,122	-	44,679	-
March	765	-	2,924	-	7,577	-	4,549	-	50,576	-
April	720	-	2,078	-	8,376	-	4,951	-	40,743	-
May	928	-	2,635	-	8,264	-	4,859	-	55,774	-
June	635	-	1,815	-	5,802	-	3,463	-	41,558	-
July	715	-	2,764	-	6,870	-	4,062	-	47,313	-
August	770	-	2,620	-	7,631	-	4,569	-	57,882	-
September	936	-	2,675	-	7,375	-	4,339	-	52,027	-
October	1,084	-	2,398	-	7,710	-	4,712	-	54,640	-
November	1,353	-	2,044	-	7,538	-	4,164	-	53,362	-
December	1,082	-	3,436	-	8,978	-	4,466	-	50,198	-

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export 1957 - 1958 shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
295	165	7	13	-	-	3	-	23	25	-	-	711	441
146		3		-		2		30		-		428	
107		5		3		5		17		-		348	
161		21		-		3		26		-		419	
115		25		-		15		52		3		532	
154		18		-		16		52		1		649	
134		19		2		22		89		-		829	
207		10		4		41		134		3		1,157	
476		12		16		58		149		-		1,605	
608		31		18		65		80		-		1,972	
462		175		177		166		103		-		2,134	
290		8		5		20		46		-		849	
2,059	1,745	105	172	136	349	66	77	479	264	-	-	4,787	3,659
2,025		216		454		319		409		1		4,936	
2,368		714		932		705		513		-		6,720	
3,564		650		800		595		624		-		7,983	
5,599		1,400		1,117		940		1,142		-		13,281	
6,978		863		1,063		560		1,333		-		14,348	
8,894		787		680		438		1,943		-		17,456	
9,325		581		630		468		2,286		-		18,894	
8,905		405		552		233		1,819		-		17,166	
8,248		273		390		160		1,726		-		15,289	
5,202		126		204		132		935		-		9,611	
2,298		148		261		49		270		-		4,438	
1,221	1,281	1	-	5	7	13	38	182	53	10	1	2,017	1,965
976		-		7		47		141		15		1,671	
938		-		8		145		125		12		1,768	
1,096		1		4		17		55		5		1,721	
1,117		4		3		3		107		20		1,868	
1,089		-		4		67		134		5		1,893	
1,135		-		8		33		159		6		2,026	
1,056		-		4		67		124		6		1,985	
1,097		-		2		12		130		6		1,829	
1,373		1		3		10		117		-		2,082	
1,237		1		14		3		147		3		1,969	
1,229		-		2		4		149		-		1,939	
91,154	91,400	2,207	2,770	1,689	2,432	6,078	7,396	15,817	14,808	239	285	179,582	187,784
78,513		2,426		2,577		6,217		14,309		276		163,954	
83,143		3,293		3,518		9,337		14,725		345		180,752	
81,050		3,660		3,012		7,026		14,303		306		166,225	
85,853		4,504		3,289		8,085		14,968		531		189,690	
75,008		3,190		2,473		4,731		13,415		428		152,518	
81,683		2,512		1,511		4,529		15,008		266		167,233	
77,930		2,433		1,714		5,891		15,486		208		177,134	
79,280		2,355		1,821		4,640		14,352		264		170,064	
85,495		2,341		1,583		4,788		15,371		194		180,316	
84,983		2,772		2,378		6,546		13,650		280		179,070	
88,295		2,397		1,749		5,566		14,321		212		180,700	

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1957 - 1958, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
<u>DOG AND CAT FOODS TOTAL</u>										
January	7	16	11	18	178	268	115	133	1,539	828
February	(1)		(1)		184		87		759	
March	12		22		357		147		692	
April	22		12		115		83		564	
May	25		30		166		87		540	
June	37		13		212		159		690	
July	9		23		302		45		677	
August	26		17		166		87		606	
September	24		33		312		137		884	
October	28		14		218		97		685	
November	94		23		318		172		883	
December	14		12		203		71		586	
<u>CANNED</u>										
January	5	11	6	12	144	237	101	121	1,434	733
February	(1)		(1)		154		73		720	
March	10		18		323		131		614	
April	20		5		92		70		492	
May	22		5		136		74		460	
June	35		7		188		149		612	
July	7		14		282		33		588	
August	22		6		131		70		523	
September	22		7		281		125		789	
October	25		4		191		83		572	
November	90		19		282		154		773	
December	13		5		178		59		502	
<u>BISCUITS</u>										
January	1	1	-	1	9	4	3	1	48	35
February	-		-		6		2		19	
March	-		-		5		3		30	
April	2		-		5		4		28	
May	-		-		5		2		28	
June	1		-		5		4		30	
July	-		1		4		2		29	
August	1		1		7		2		35	
September	-		-		5		-		36	
October	-		2		6		3		44	
November	-		-		5		3		37	
December	-		2		3		1		34	
<u>OTHER (MEALS, ETC.)</u>										
January	1	4	5	5	25	27	11	11	57	60
February	1		6		24		12		40	
March	2		4		29		13		48	
April	-		7		18		9		44	
May	3		25		25		11		52	
June	1		6		19		6		48	
July	2		8		16		10		60	
August	3		10		28		15		48	
September	2		26		26		12		59	
October	3		8		21		11		69	
November	4		4		31		15		73	
December	1		5		22		11		50	

(1) Data Not Available.

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1957 - 1958 shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
2,408	2,846	63	197	59	169	239	378	805	1,218	53	59	5,477	6,130
2,199		67		80		222		808		45		4,556	
2,412		259		173		339		1,197		51		5,661	
2,142		161		108		418		980		59		4,664	
2,719		171		123		365		1,231		41		5,498	
2,561		197		186		333		1,099		49		5,536	
2,425		202		142		374		1,198		65		5,462	
2,550		258		131		377		1,070		57		5,345	
2,980		235		162		520		1,222		45		6,554	
2,922		201		115		426		1,142		74		5,922	
3,018		209		147		397		1,183		121		6,565	
2,175		162		90		284		1,038		59		4,694	
1,817	2,212	44	168	46	146	187	313	590	916	51	59	4,425	4,928
1,647		50		61		175		583		44		3,585	
1,771		230		145		267		884		49		4,442	
1,690		147		89		354		736		39		3,734	
2,202		154		106		297		889		41		4,386	
2,048		170		164		271		892		41		4,577	
1,920		179		109		308		891		50		4,381	
1,966		221		94		294		740		57		4,124	
2,402		204		126		418		915		45		5,334	
2,225		158		88		360		813		74		4,593	
2,330		178		113		305		862		104		5,210	
1,639		145		72		228		772		39		3,652	
233	222	-	6	1	4	3	9	6	45	-	-	304	328
208		1		3		2		13		-		254	
262		6		3		10		50		-		369	
195		3		4		12		49		-		302	
206		3		2		7		57		-		310	
190		3		1		6		37		-		277	
205		3		1		5		44		-		294	
227		8		3		19		56		-		359	
204		4		2		9		43		-		303	
279		6		2		13		47		-		402	
221		5		2		7		44		1		325	
213		4		2		8		43		-		310	
358	412	19	23	12	19	49	56	209	257	2	-	748	874
344		16		16		45		212		1		717	
379		23		25		62		263		2		850	
257		11		15		52		195		20		628	
311		14		15		61		285		-		802	
323		24		21		56		170		8		682	
300		20		32		61		263		15		787	
357		29		34		64		274		-		862	
374		27		34		93		264		-		917	
418		37		25		53		282		-		927	
467		26		32		85		277		16		1,030	
323		13		16		48		223		20		732	

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export 1957 - 1958 shown in tons.

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick		Quebec	
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
<u>MINERAL MIXTURES</u>										
January	-	-	5	14	4	12	3	9	196	228
February	2	-	7	-	10	-	5	-	216	-
March	-	-	5	-	8	-	1	-	206	-
April	-	-	2	-	6	-	2	-	161	-
May	-	-	2	-	5	-	3	-	206	-
June	-	-	1	-	4	-	3	-	112	-
July	-	-	3	-	6	-	4	-	103	-
August	-	-	2	-	9	-	7	-	180	-
September	-	-	3	-	10	-	8	-	190	-
October	-	-	5	-	6	-	6	-	183	-
November	-	-	4	-	10	-	12	-	214	-
December	1	-	7	-	14	-	7	-	279	-
<u>FOX AND MINK FOODS</u>										
January	5	25	5	2	3	31	5	6	43	39
February	-	-	5	-	6	-	4	-	45	-
March	25	-	2	-	3	-	7	-	45	-
April	5	-	3	-	28	-	4	-	52	-
May	25	-	10	-	9	-	8	-	44	-
June	1	-	2	-	19	-	3	-	83	-
July	32	-	17	-	85	-	30	-	126	-
August	45	-	14	-	45	-	19	-	118	-
September	51	-	3	-	56	-	17	-	147	-
October	25	-	14	-	44	-	18	-	147	-
November	34	-	7	-	38	-	12	-	96	-
December	5	-	3	-	12	-	5	-	71	-
<u>SCRATCH FEEDS</u>										
January	328	322	11	3	1,390	1,407	616	508	1,443	862
February	308	-	6	-	1,521	-	542	-	1,325	-
March	311	-	3	-	1,443	-	535	-	1,135	-
April	396	-	23	-	1,599	-	518	-	1,233	-
May	541	-	18	-	1,981	-	727	-	1,275	-
June	395	-	13	-	1,853	-	527	-	1,079	-
July	515	-	18	-	1,901	-	650	-	1,367	-
August	524	-	18	-	2,197	-	639	-	1,524	-
September	821	-	13	-	2,255	-	788	-	1,492	-
October	883	-	3	-	2,042	-	642	-	1,528	-
November	748	-	9	-	1,670	-	545	-	1,372	-
December	253	-	11	-	1,955	-	571	-	1,005	-
<u>ALL OTHER ANIMAL FOODS</u>										
January	15	12	8	2	215	290	23	22	146	132
February	14	-	4	-	331	-	21	-	130	-
March	7	-	6	-	309	-	25	-	138	-
April	6	-	3	-	241	-	34	-	144	-
May	6	-	7	-	261	-	27	-	845	-
June	4	-	8	-	142	-	11	-	131	-
July	2	-	6	-	175	-	20	-	161	-
August	9	-	5	-	224	-	35	-	163	-
September	9	-	4	-	268	-	16	-	178	-
October	(1)	-	2	-	(1)	-	21	-	157	-
November	27	-	4	-	226	-	19	-	141	-
December	11	-	5	-	266	-	22	-	143	-

(1) Data not available.

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export 1957 - 1958 shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
426	537	47	68	52	113	228	324	19	20	-	-	980	1,325
430		48		68		226		8		-		1,020	
383		38		50		202		4		-		897	
330		22		32		142		8		-		705	
212		25		25		94		3		-		575	
254		12		22		66		1		-		475	
230		20		3		67		7		-		443	
262		21		35		102		61		-		679	
342		31		25		131		9		-		749	
349		21		42		122		5		-		739	
410		64		79		254		15		-		1,062	
465		54		94		242		5		-		1,168	
170	186	113	134	9	3	13	17	71	57	-	-	437	500
139		138		14		11		31		1		394	
129		138		11		12		42		-		414	
136		112		6		10		54		-		410	
148		188		(1)		13		33		(1)		503	
216		167		25		29		94		3		642	
383		225		25		49		121		-		1,093	
420		252		29		36		32		-		1,010	
386		254		29		44		139		2		1,128	
496		232		22		50		144		-		1,192	
387		192		11		99		96		-		972	
220		110		4		12		46		-		488	
1,122	808	10	11	1	10	71	43	623	534	82	275	5,697	4,783
993		24		3		111		463		233		5,529	
976		21		9		141		520		132		5,226	
981		14		11		91		541		158		5,565	
1,123		28		3		91		623		136		6,546	
1,147		30		3		145		548		87		5,827	
1,225		47		7		74		444		82		6,330	
1,288		6		3		146		456		104		6,905	
1,204		20		1		62		298		142		7,096	
1,201		13		3		45		395		143		6,898	
994		35		1		27		311		192		5,904	
930		20		-		34		337		112		5,228	
468	965	645	201	33	25	16	5	73	101	2	2	1,644	1,757
766		516		34		109		146		2		2,073	
667		523		36		36		106		2		1,855	
314		414		83		11		87		1		1,338	
347		339		53		36		130		-		2,051	
825		252		19		7		78		2		1,479	
968		211		14		8		88		-		1,653	
898		151		32		7		70		5		1,599	
602		285		43		5		77		-		1,487	
603		211		20		5		123		1		1,624	
740		160		47		7		116		1		1,488	
1,016		245		51		11		125		-		1,895	

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1957 - 1958, shown in tons. (Concluded)

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick		Quebec	
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
<u>CHOPPED, GROUND OR CRUSHED FEEDS</u>										
January	749	299	68	122	2,527	3,690	788	1,462	4,122	4,550
February	158		104		2,628		716		4,133	
March	72		126		2,344		785		5,332	
April	90		119		2,380		684		4,097	
May	220		97		3,262		767		3,737	
June	104		76		1,300		472		3,053	
July	104		238		2,178		724		3,982	
August	205		72		2,448		756		4,237	
September	310		187		2,552		839		3,978	
October	266		50		2,599		914		4,529	
November	284		83		902		1,073		4,475	
December	252		137		4,007		1,134		4,658	

FACTORS USED IN DETERMINING QUANTITIES OF CONCENTRATES MOVING INTO SECONDARY INDUSTRY

	Shipped to or sold in										
	Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskat-chewan	Alberta	British Columbia	Export
<u>Primary or Concentrated Feeds</u>											
1. Calf Concentrates	0	.914	.769	.538	.849	.868	.809	.750	.707	.666	0
2. Dairy and Cattle Concentrates	1,000	.592	.648	.460	.764	.415	.268	.215	.296	.041	.190
3. Swine Concentrates647	.598	.536	.546	.821	.480	.233	.250	.270	.208	.700
4. <u>Poultry Concentrates</u>											
(a) Chick Starter Concentrates	0	1,000	.750	.670	.919	.904	.725	.868	.969	1,000	1,000
(b) Broiler Concentrates	0	.607	.877	.019	.999	.968	.485	0	.861	1,000	.500
(c) Growing Concentrates500	.692	.674	.544	.797	.726	.217	.182	.260	.297	.712
(d) Laying and Hatching Concentrates	0	.741	.740	.581	.866	.562	.206	.089	.186	.098	.697
(e) Fattening & Finishing Concentrates	0	.882	.231	.412	.923	.673	.129	0	.338	.666	0
(f) Turkey Concentrates	0	1,000	.962	.395	.965	.887	.295	.342	.278	.361	0
(g) Other Poultry Concentrates	0	.246	.116	.596	.258	.429	.019	0	1,000	0	.333

In converting concentrates to finished feeds, the Bureau uses the above factors to establish the amount of concentrates which moved into the secondary manufacturing industry, as such. These factors were established from the returns of all firms in the survey and reflect the weighted average above, which we use for a current 12 months reports. If you agree that changes should be made in any of these factors, you should advise us at once whether or not you think the factor is low or high.

From the above, you will notice that 86.8 per cent of the calf concentrates shipped in the province of Ontario in any month during 1954 moved into the hands of franchise operators and other manufacturers who make feeds from concentrates. The balance, or 13.2 per cent, moved out of the industry and was used by farmers and other similar consumers directly.

Factor No. 2, which will turn concentrates into finished feeds, is given on pages 4, 6 and 8 in brackets after the name of each commodity.

SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1957 - 1958, shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
4,468	3,164	655	1,015	68	65	572	547	12,046	11,754	1,404	4,615	27,467	31,283
4,334		472		86		475		12,229		1,246		26,581	
4,716		450		61		684		11,117		1,458		27,145	
4,036		324		65		1,188		11,891		3,791		28,665	
5,051		821		486		637		9,799		3,960		28,837	
4,316		641		72		443		11,606		3,532		25,615	
5,378		781		112		882		11,740		3,503		29,622	
5,224		1,094		58		590		14,425		4,932		34,041	
4,302		641		101		846		10,688		4,417		28,861	
4,439		1,123		119		745		11,272		6,095		32,151	
5,900		583		133		724		11,308		8,914		36,379	
4,205		565		86		544		11,783		1,512		28,883	

HOW TO USE THE CONVERSION FACTORS

You will note on page 4 that the industry reported they had shipped in the province of Quebec for January, 1958 1,533 tons of Dairy and Cattle concentrates, of which 362 tons were used or sold directly for use to the farmer and other such consumers. In other words, 1,171 tons moved into the hands of secondary manufacturers for further use in manufacturing complete feeds. In order to obtain the finished feeds resulting from the conversion of 1,171 tons of Dairy and Cattle concentrates, we make use of the conversion factor as follows:

$$1,171 \times 6.0 = 7,026 \text{ tons of Dairy and Cattle Feeds.}$$

Now turn to page 10 and you will see that the shipments of Dairy and Cattle Feeds in the province of Quebec in the same month amounted to 9,643 tons. The summary would appear as follows.

Total shipments = 9,643 tons

Shipments by secondary manufacturers (1) = 7,026 tons

Shipments by manufacturers (2) = 2,617 tons

In order to assess the proportion of total feed shipments, which your firm enjoys, the following instructions are important. In terms of concentrates, the concentrate manufacturer would divide the total Dairy and Cattle feeds shipped in the province of Quebec (9,643 tons) by 6.0 and add 362 tons of concentrates moving out of the industry thus:

$$\frac{9,643}{6.0} = 1,607 + 362 = 1,969 \text{ tons}$$

To the above he would relate his total shipments of Dairy and Cattle concentrates for the province of Quebec during the same period.

In terms of complete feeds, the complete feeds manufacturer (including franchise operators) would assess their share of the market by determining, in the following manner, the total supply of finished feeds:

Total commercial feeds shipped 9,643 tons (see page 10)

Estimated feeds produced from concentrates sold outside the industry from which would be $362 \times 6.0 = 2,172 \text{ tons (see page 4)}$

Total supply of finished feeds used as finished feeds or in the form of concentrates 11,815 tons

(1) Includes franchise operators and those secondary manufacturers who use concentrates to manufacture complete feeds.

(2) Includes manufacturers who produce finished feeds directly from raw materials.

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