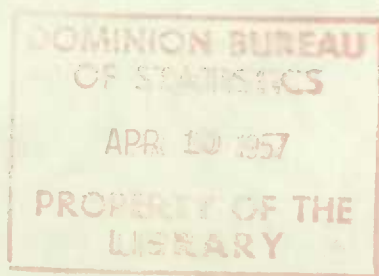




CANADA

SHIPMENTS OF
PREPARED STOCK AND POULTRY FEEDS
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DOMINION BUREAU OF STATISTICS
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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 1955 together with an estimate of production for the calendar year 1956 and as well the production for the current month in 1956 and 1957 with cumulative totals for 1956 and 1957.

Table 2 shows the 1957 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) Broiler 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 1955 together with estimated comparable data for 1956. Current monthly production accompanied by cumulative totals for 1956 and 1957 reported in columns (3), (4), (5), and (6) respectively.

	1955 Total Shipments (Annual) (1)	ESTIMATED				
		1956 Total Shipments	Jan. 1956	Jan. 1957	Cumulative 1956	Cumulative 1957
	Ton	Ton	Ton	Ton	Ton	Ton
<u>"A" PRIMARY OR CONCENTRATED FEEDS</u>						
Calf Concentrates	1,811	1,819	125	143	125	143
Dairy and Cattle Concentrates	65,869	79,364	7,547	10,891	7,547	10,891
Swine Concentrates	92,695	93,014	8,634	9,788	8,634	9,788
Poultry Concentrates Total	126,640	160,486	9,949	12,677	9,949	12,677
Chick Starter	8,520	10,596	624	588	624	588
Broiler	12,089	26,491	1,027	1,514	1,027	1,514
Growing	21,950	28,099	948	1,239	948	1,239
Laying and Hatching	73,733	80,048	6,906	8,355	6,906	8,355
Fattening and Finishing	764	1,188	36	26	36	26
Turkey	5,853	10,343	159	529	159	529
Other Poultry (2)	4,486	3,721	249	426	249	426
Total All Concentrates	287,770	334,683	26,255	33,499	26,255	33,499
<u>"B" SECONDARY OR COMPLETE FEEDS</u>						
Calf Feeds	24,964	21,250	1,669	1,800	1,669	1,800
Dairy and Cattle Feeds	336,193	426,375	38,970	46,921	38,970	46,921
Swine Feeds	474,395	495,229	46,456	48,797	46,456	48,797
Poultry Feeds Total	861,943	1,102,839	67,115	82,064	67,115	82,065
Chick Starter	94,266	103,090	6,122	5,885	6,122	5,885
Broiler	118,135	196,494	12,657	16,921	12,657	16,921
Growing	140,627	184,111	5,367	7,291	5,367	7,291
Laying and Hatching	374,223	441,187	38,596	44,452	38,596	44,452
Fattening and Finishing	22,245	17,468	607	711	607	711
Turkey	94,137	136,489	2,009	4,787	2,009	4,787
Other Poultry	18,310	24,000	1,757	2,017	1,757	2,017
Total All Complete Feeds	1,697,495	2,045,693	154,210	179,582	154,210	179,582
<u>"C" ALL OTHER ANIMAL FEEDS</u>						
Dog and Cat Foods	54,530	63,797	4,308	5,477	4,308	5,477
Canned	42,365	50,569	3,321	4,425	3,321	4,425
Biscuits	3,576	4,308	298	304	298	304
Other (Meals, etc.)	8,589	8,920	689	748	689	748
Mineral Mixtures	9,097	8,175	964	980	964	980
Fox and Mink Foods	7,986	8,140	428	437	428	437
Scratch Feeds	94,068	83,783	5,898	5,697	5,898	5,697
Other Animal Feeds	12,262	19,867	1,127	1,223	1,127	1,223
Chopped, Ground or Crushed Grain Feeds	528,288	383,610	37,891	27,467	37,891	27,467
Total Section "C"	706,231	567,372	50,616	41,281	50,616	41,281

(1) Revised to agree with 1955 Annual.

(2) Includes concentrates not specified.

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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, 1957, 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)
97	13	4	1	3	1	12	4	-	-	-	-	143	23
7,222	4,225	140	102	344	270	1,039	731	112	107	-	-	10,891	6,046
6,052	3,147	246	189	168	126	919	671	5	4	1	-	9,788	4,670
7,655	2,714	855	623	468	403	1,119	824	32	28	2	1	12,677	4,965

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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, 1957, 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)
313	30	38	10	18	2	29	1	1	-	-	-	588	66
836	27	116	60	-	-	89	12	-	-	-	-	1,514	103
1,006	276	10	8	16	13	22	16	-	-	-	-	1,239	363
4,889	2,141	658	522	398	363	956	778	31	28	2	1	8,355	4,075

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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, 1957, 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	-	-	-	-	-	-	-	-	-	-	26	8
230	26	33	23	33	22	23	17	-	-	-	-	529	95
366	209	-	-	3	3	-	-	-	-	-	-	426	255
21,026	10,009	1,245	915	983	800	3,089	2,230	149	139	3	1	33,499	15,704

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, 1956 - 1957, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
<u>CALF FEEDS</u>										
January	1	2	25	18	56	53	35	39	291	240
February	9		18		52		39		264	
March	3		27		58		66		370	
April	2		40		50		57		547	
May	5		57		64		73		720	
June	3		71		45		60		592	
July	6		75		41		54		438	
August	1		52		53		53		288	
September	7		32		46		40		246	
October	3		28		54		43		208	
November	5		14		45		37		205	
December	5		19		39		26		217	
<u>DAIRY AND CATTLE FEEDS</u>										
January	468	368	540	748	3,124	3,262	1,824	2,029	9,086	9,236
February	415		609		2,945		1,596		8,624	
March	384		859		3,496		2,239		10,932	
April	375		734		3,095		1,934		12,942	
May	293		736		2,847		2,022		13,393	
June	187		273		1,123		744		8,438	
July	194		241		804		668		5,656	
August	208		328		1,479		978		7,483	
September	370		328		1,738		1,224		7,798	
October	484		471		2,779		1,721		10,031	
November	615		484		2,884		1,669		14,478	
December	639		780		3,294		1,539		10,679	
<u>SWINE FEEDS</u>										
January	16	20	1,420	1,434	895	728	1,233	1,014	18,720	16,976
February	31		1,377		603		1,005		15,266	
March	37		1,408		657		1,055		16,642	
April	15		940		509		720		14,458	
May	44		983		517		701		10,907	
June	57		1,002		592		713		12,644	
July	104		1,155		562		843		12,971	
August	79		1,190		749		1,093		14,821	
September	60		1,584		663		1,175		14,311	
October	195		1,109		929		1,044		15,569	
November	35		1,051		748		990		20,349	
December	51		1,348		737		900		19,116	
<u>POULTRY FEEDS TOTAL</u>										
January	368	356	668	586	3,862	3,913	1,676	1,809	16,459	19,567
February	322		512		3,927		1,414		15,822	
March	393		756		3,935		1,848		19,561	
April	287		773		4,094		1,773		21,768	
May	376		935		4,527		2,097		24,374	
June	331		1,100		4,752		2,444		27,957	
July	480		1,223		4,543		2,704		28,876	
August	368		920		5,104		2,447		29,937	
September	429		730		3,882		2,208		27,838	
October	641		508		4,864		2,099		27,672	
November	695		610		3,501		1,903		27,899	
December	343		584		4,239		1,362		21,547	

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, 1956 - 1957, shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
982	1,164	50	47	52	77	91	87	86	72	-	1	1,669	1,800
1,065		50		77		87		54		6		1,721	
1,213		58		82		92		56		1		2,026	
1,251		152		85		71		66		4		2,325	
1,407		37		80		77		53		4		2,577	
1,071		35		52		113		55		5		2,102	
890		22		35		49		45		2		1,657	
874		22		34		49		27		1		1,454	
763		37		66		51		46		-		1,334	
846		23		56		53		59		2		1,375	
962		42		75		88		92		1		1,566	
883		36		56		64		97		2		1,444	
16,255	21,493	308	292	169	490	1,053	2,114	6,127	6,862	16	27	38,970	46,921
16,514		327		166		835		7,205		13		39,249	
18,973		515		170		843		7,853		8		46,272	
16,928		403		122		659		6,396		12		43,600	
15,034		246		137		618		4,687		6		40,019	
6,604		73		114		619		4,176		9		22,360	
7,345		42		70		485		3,679		9		19,193	
8,751		87		75		564		4,292		9		24,254	
8,644		119		121		604		4,254		25		25,225	
12,150		160		396		929		4,887		60		34,068	
20,278		322		418		1,765		6,000		49		48,962	
18,002		327		538		1,551		6,811		43		44,203	
21,648	25,609	492	493	239	369	1,483	1,861	298	284	12	9	46,456	48,797
20,377		345		251		1,293		329		21		40,898	
21,063		505		286		1,546		320		6		43,525	
21,462		478		213		1,012		293		14		40,114	
18,495		345		264		1,086		314		26		33,682	
18,487		405		303		1,393		298		20		35,914	
19,875		402		281		1,188		284		11		37,676	
20,720		360		275		1,404		266		20		40,977	
18,049		373		321		1,181		273		-		37,990	
21,679		448		319		1,363		283		21		42,959	
21,227		469		431		2,243		286		13		47,842	
22,521		406		337		1,436		323		21		47,196	
33,420	42,888	1,328	1,375	617	753	1,830	2,016	6,737	8,599	150	202	67,115	82,064
33,619		1,888		1,828		2,838		6,646		336		69,152	
40,922		2,840		2,258		3,893		7,696		201		84,303	
45,758		3,340		2,294		3,849		8,469		481		92,886	
53,031		3,027		2,506		4,113		9,620		417		105,023	
54,499		2,960		1,588		3,317		9,863		374		109,185	
53,195		2,382		914		2,181		9,850		336		106,684	
54,762		2,129		970		1,972		10,522		450		109,581	
45,728		1,364		580		1,743		9,349		204		94,055	
49,076		1,302		980		1,723		9,756		322		98,943	
41,859		1,348		625		1,995		9,344		294		90,073	
38,183		1,189		588		1,349		8,011		261		77,656	

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, 1956 - 1957, shown in tons. (Continued)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
<u>CHICK STARTER FEEDS</u>										
January	11	8	31	23	455	487	139	116	1,590	1,514
February	10		48		493		206		2,198	
March	23		99		572		255		3,261	
April	11		147		364		360		4,539	
May	15		168		427		325		4,726	
June	4		159		343		248		4,770	
July	8		106		167		138		3,417	
August	-		14		70		61		2,240	
September	4		5		62		42		1,432	
October	6		-		46		28		1,421	
November	5		1		85		31		1,345	
December	6		5		391		53		1,058	
<u>BROILER FEEDS</u>										
January	-	-	11	4	35	193	28	239	3,843	4,675
February	-		13		69		61		3,559	
March	-		15		71		55		4,372	
April	-		8		72		58		4,475	
May	-		10		146		97		4,766	
June	-		28		131		85		5,325	
July	1		38		154		92		6,044	
August	-		20		155		73		6,319	
September	-		30		128		131		6,673	
October	3		25		232		201		6,986	
November	-		15		204		154		5,807	
December	-		3		252		151		5,084	
<u>GROWING FEEDS</u>										
January	19	10	70	128	221	482	103	118	836	1,017
February	17		56		647		140		1,012	
March	58		107		1,074		318		1,589	
April	18		167		1,463		380		2,706	
May	31		305		1,716		645		3,864	
June	34		445		1,670		827		5,607	
July	36		524		1,250		1,038		6,197	
August	25		396		1,033		864		6,293	
September	42		300		564		443		4,495	
October	167		89		437		275		3,445	
November	22		124		152		131		2,227	
December	15		72		233		78		1,267	
<u>LAYING AND HATCHING FEEDS</u>										
January	328	331	513	385	3,066	2,667	1,195	1,176	9,029	9,748
February	293		382		2,649		937		7,961	
March	300		465		2,110		1,044		8,687	
April	251		417		2,051		858		8,028	
May	321		399		1,969		787		7,223	
June	268		384		2,346		823		7,087	
July	405		400		2,607		955		6,946	
August	310		316		3,329		868		8,083	
September	363		172		2,660		887		8,075	
October	441		279		3,536		1,061		9,422	
November	653		310		2,781		1,098		13,324	
December	321		410		3,218		841		11,333	

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, 1956 - 1957, shown in tons. (Continued)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
2,294	2,417	365	263	305	332	579	371	342	335	11	19	6,122	5,885
3,378		813		1,129		1,312		597		37		10,221	
5,619		1,231		1,113		1,849		786		22		14,830	
7,212		1,440		1,283		1,818		896		49		18,119	
7,621		1,055		1,054		1,414		862		45		17,712	
5,083		616		386		678		523		49		12,859	
2,337		145		78		112		350		35		6,893	
1,099		106		71		74		228		38		4,001	
732		86		49		8		186		9		2,615	
830		141		65		153		191		18		2,899	
1,002		124		78		87		284		7		3,049	
1,521		239		79		129		274		15		3,770	
7,773	10,369	66	197	1	9	97	390	783	805	20	40	12,657	16,921
7,787		125		8		182		1,004		23		12,831	
9,099		94		4		193		1,124		28		15,055	
9,548		125		12		247		1,124		52		15,721	
9,732		97		14		296		1,181		21		16,360	
9,579		99		9		329		1,252		56		16,893	
9,996		91		10		341		1,082		27		17,876	
11,405		173		21		376		1,219		68		19,829	
10,195		151		11		249		1,201		41		18,610	
10,490		129		30		244		1,419		48		19,807	
7,325		137		8		311		1,036		81		15,078	
8,873		73		20		303		767		50		15,576	
3,494	4,782	59	12	30	28	59	93	425	567	51	54	5,367	7,291
4,032		113		114		154		419		99		6,803	
6,184		178		126		367		813		59		10,873	
9,284		266		162		606		1,327		197		16,576	
13,551		328		252		896		1,913		162		23,663	
15,853		424		182		962		2,198		147		28,349	
15,491		544		117		609		2,019		167		27,992	
13,411		357		49		445		1,799		198		24,870	
8,207		138		23		147		988		64		15,411	
6,448		101		28		43		628		89		11,750	
4,434		31		5		22		520		65		7,733	
2,428		10		3		8		548		62		4,724	
17,839	21,745	748	790	148	243	934	1,080	4,733	6,208	63	79	38,596	44,452
16,264		628		196		876		4,218		174		34,578	
17,280		755		203		837		4,330		84		36,095	
16,133		644		138		591		4,166		161		33,438	
15,966		546		139		565		4,204		146		32,265	
15,351		481		111		588		4,071		106		31,616	
15,074		527		120		515		4,028		106		31,683	
16,227		580		143		586		4,582		135		35,159	
15,428		595		180		617		4,728		80		33,785	
19,790		716		503		933		5,275		151		42,107	
20,668		932		381		1,297		5,649		130		47,223	
21,121		699		306		828		5,442		123		44,642	

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, 1956 - 1957, shown in tons. (Concluded)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
<u>FATTENING AND FINISHING FEEDS</u>										
January	-	-	2	2	5	5	4	58	273	318
February	-	-	1		6		17		268	
March	-		32		8		19		308	
April	-		-		3		20		492	
May	-		6		3		22		504	
June	-		2		41		56		945	
July	-		21		57		66		1,079	
August	-		29		32		94		1,137	
September	-		30		63		178		1,232	
October	3		21		91		145		1,293	
November	1		38		48		161		1,348	
December	1		18		59		99		728	
<u>TURKEY FEEDS</u>										
January	8	7	25	21	32	31	34	20	448	1,863
February	2		8		24		17		406	
March	9		15		79		83		811	
April	7		27		118		31		1,148	
May	9		42		234		150		2,710	
June	25		77		197		346		3,695	
July	26		131		298		355		4,597	
August	33		131		463		416		5,278	
September	20		190		348		417		4,781	
October	21		79		495		299		4,595	
November	14		110		211		261		3,364	
December	-		56		63		74		1,612	
<u>OTHER POULTRY FEEDS</u>										
January	2	-	16	23	48	48	173	82	440	432
February	-		4		39		36		418	
March	3		23		21		74		533	
April	-		7		23		66		380	
May	-		5		32		71		581	
June	-		5		24		59		528	
July	4		3		10		60		596	
August	-		14		22		71		587	
September	-		3		57		110		430	
October	-		15		27		90		510	
November	-		12		20		67		484	
December	-		20		23		66		465	
<u>TOTAL ALL SECONDARY FEEDS</u>										
January	853	746	2,653	2,786	7,937	7,956	4,768	4,891	44,556	46,019
February	777		2,516		7,527		4,054		39,976	
March	817		3,050		8,146		5,208		47,505	
April	679		2,487		7,748		4,484		49,715	
May	718		2,711		7,955		4,893		49,394	
June	578		2,446		6,512		3,961		49,631	
July	784		2,694		5,950		4,269		47,941	
August	656		2,490		7,385		4,571		52,529	
September	866		2,674		6,329		4,647		50,193	
October	1,323		2,116		8,626		4,907		53,480	
November	1,350		2,159		7,178		4,599		62,931	
December	1,038		2,731		8,309		3,827		51,559	

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, 1956 - 1957, shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
192	295	8	7	-	-	17	3	106	23	-	-	607	711
157		8		2		27		14		-		500	
233		2		1		3		23		-		629	
154		3		8		1		33		-		714	
217		6		2		12		57		33		862	
384		6		1		23		92		-		1,550	
451		11		4		34		114		1		1,838	
595		25		6		58		93		-		2,069	
709		27		14		77		136		-		2,466	
1,312		25		19		88		68		-		3,065	
753		34		7		94		160		-		2,644	
470		22		1		20		106		-		1,524	
876	2,059	82	105	128	136	128	66	248	479	-	-	2,009	4,787
1,145		201		368		261		263		-		2,695	
1,538		574		805		629		454		-		4,997	
2,526		850		686		574		699		16		6,682	
4,757		905		1,038		908		1,199		-		11,952	
7,145		1,311		892		698		1,475		-		15,861	
8,672		1,043		580		544		1,855		-		18,101	
10,754		881		676		413		2,164		1		21,210	
9,204		367		301		384		1,853		-		17,865	
8,972		187		324		246		1,935		-		17,153	
6,537		85		139		169		1,396		5		12,291	
2,876		107		168		50		667		-		5,673	
952	1,221	-	1	5	5	16	13	100	182	5	10	1,757	2,017
856		-		11		26		131		3		1,524	
969		6		6		15		166		8		1,824	
901		12		5		12		224		6		1,636	
1,187		90		7		22		204		10		2,209	
1,104		23		7		39		252		16		2,057	
1,174		21		5		26		402		-		2,301	
1,271		7		4		20		437		10		2,443	
1,155		-		2		261		257		10		2,285	
1,234		3		11		16		240		16		2,162	
1,140		5		7		15		299		6		2,055	
894		39		11		11		207		11		1,747	
72,305	91,154	2,178	2,207	1,077	1,689	4,457	6,078	13,248	15,817	178	239	154,210	179,582
71,575		2,610		2,322		5,053		14,234		376		151,020	
82,171		3,918		2,796		6,374		15,925		216		176,126	
85,399		4,373		2,714		5,591		15,224		511		178,925	
87,967		3,655		2,987		5,894		14,674		453		181,301	
80,661		3,473		2,057		5,442		14,392		408		169,561	
81,305		2,848		1,300		3,903		13,858		358		165,210	
81,107		2,598		1,354		3,989		15,107		480		176,266	
73,184		1,893		1,088		3,579		13,922		229		158,604	
83,751		1,933		1,751		4,068		14,985		405		177,345	
84,326		2,181		1,549		6,091		15,722		357		188,443	
79,589		1,958		1,519		4,400		15,242		327		170,499	

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, 1956 - 1957, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
<u>DOG AND CAT FOODS TOTAL</u>										
January	9	7	8	11	145	178	75	115	439	1,539
February	19		16		199		84		595	
March	9		13		358		150		919	
April	6		15		103		71		415	
May	9		39		166		101		474	
June	5		7		425		181		611	
July	8		14		119		42		488	
August	5		44		197		93		792	
September	17		17		442		182		886	
October	7		12		126		68		701	
November	5		8		159		88		500	
December	7		10		316		134		888	
<u>CANNED</u>										
January	5	5	3	6	112	144	60	101	378	1,434
February	18		7		172		71		526	
March	4		4		313		133		830	
April	4		7		77		53		324	
May	6		5		142		90		410	
June	3		3		396		171		535	
July	6		1		97		35		419	
August	5		2		169		81		729	
September	8		3		410		166		807	
October	6		5		95		53		597	
November	4		3		123		74		420	
December	4		2		292		127		830	
<u>BISCUITS</u>										
January	-	1	-	-	6	9	4	3	27	48
February	-		-		4		3		28	
March	1		2		9		2		41	
April	-		1		6		3		34	
May	1		1		6		2		26	
June	-		-		6		1		27	
July	1		-		5		1		25	
August	-		1		7		3		27	
September	2		-		6		3		37	
October	-		-		3		3		35	
November	-		1		6		3		31	
December	-		2		7		2		30	
<u>OTHER (MEALS, ETC.)</u>										
January	4	1	5	5	27	25	11	11	34	57
February	1		9		23		10		41	
March	4		7		36		15		48	
April	2		7		20		15		57	
May	2		33		18		9		38	
June	2		4		23		9		49	
July	1		13		17		6		44	
August	-		41		21		9		36	
September	7		14		26		13		42	
October	1		7		28		12		69	
November	1		4		30		11		49	
December	3		6		17		5		28	

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, 1956 - 1957, shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
1,977	2,408	177	63	118	59	306	239	928	805	126	53	4,308	5,477
2,286		197		103		359		962		50		4,870	
2,779		189		131		364		1,052		36		6,000	
2,001		226		113		438		960		37		4,385	
2,207		203		141		411		1,004		53		4,808	
2,595		236		150		391		1,195		60		5,856	
2,301		176		124		387		943		67		4,669	
2,563		260		183		516		1,178		72		5,903	
2,554		306		181		548		1,347		58		6,538	
2,831		175		113		365		1,035		50		5,483	
2,525		153		123		443		931		48		4,983	
2,930		177		107		362		1,019		44		5,994	
1,452	1,817	159	44	99	46	247	187	681	590	125	51	3,321	4,425
1,758		171		82		294		678		47		3,824	
2,224		164		102		285		702		35		4,796	
1,482		201		98		369		694		27		3,336	
1,757		185		122		339		745		49		3,850	
2,059		201		122		317		856		50		4,713	
1,788		150		98		325		677		66		3,662	
2,024		226		136		439		879		50		4,740	
1,976		274		147		449		1,013		52		5,305	
2,134		150		86		289		718		49		4,182	
1,952		126		102		368		704		46		3,922	
2,343		154		89		298		736		43		4,918	
205	233	4	-	2	1	10	3	40	6	-	-	298	304
226		5		4		12		49		-		331	
249		5		3		12		66		-		390	
198		6		1		12		69		-		330	
213		5		2		12		66		-		334	
228		5		3		11		68		-		349	
238		6		2		16		74		-		368	
233		7		7		15		58		-		358	
223		6		3		18		55		-		353	
314		5		3		13		59		-		435	
211		7		3		13		56		-		331	
294		7		3		17		69		-		431	
320	358	14	19	17	12	49	49	207	209	1	2	689	748
302		21		17		53		235		3		715	
306		20		26		67		284		1		814	
321		19		14		57		197		10		719	
237		13		17		60		193		4		624	
308		30		25		63		271		10		794	
275		20		24		46		192		1		639	
306		27		40		62		241		22		805	
355		26		31		81		279		6		880	
383		20		24		63		258		1		866	
362		20		18		62		171		2		730	
293		16		15		47		214		1		645	

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, 1956 - 1957, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
<u>MINERAL MIXTURES</u>										
January	-	-	5	5	9	4	17	3	201	196
February	-	-	6	-	11	-	6	-	167	-
March	-	-	4	-	12	-	4	-	123	-
April	-	-	4	-	9	-	9	-	196	-
May	-	-	2	-	8	-	7	-	124	-
June	-	-	1	-	2	-	6	-	103	-
July	-	-	3	-	1	-	3	-	114	-
August	-	-	2	-	3	-	4	-	125	-
September	-	-	1	-	-	-	5	-	110	-
October	-	-	1	-	1	-	5	-	123	-
November	-	-	3	-	10	-	3	-	192	-
December	-	-	6	-	8	-	7	-	216	-
<u>FOX AND MINK FOODS</u>										
January	-	5	8	5	4	3	2	5	54	43
February	5	-	4	-	4	-	6	-	38	-
March	19	-	6	-	33	-	8	-	54	-
April	-	-	3	-	1	-	8	-	35	-
May	26	-	2	-	17	-	8	-	57	-
June	7	-	1	-	54	-	9	-	74	-
July	38	-	25	-	45	-	17	-	115	-
August	94	-	2	-	57	-	27	-	134	-
September	60	-	8	-	50	-	21	-	118	-
October	75	-	2	-	60	-	25	-	120	-
November	7	-	6	-	19	-	19	-	125	-
December	27	-	4	-	34	-	4	-	59	-
<u>SCRATCH FEEDS</u>										
January	344	328	40	11	1,774	1,390	675	616	1,233	1,443
February	371	-	16	-	1,512	-	584	-	1,228	-
March	413	-	33	-	1,413	-	640	-	1,446	-
April	349	-	21	-	1,610	-	511	-	1,595	-
May	582	-	27	-	1,837	-	500	-	1,391	-
June	297	-	38	-	2,012	-	552	-	1,724	-
July	364	-	38	-	2,066	-	491	-	1,762	-
August	447	-	41	-	2,556	-	609	-	1,975	-
September	843	-	37	-	2,070	-	787	-	2,095	-
October	1,086	-	16	-	2,292	-	923	-	2,056	-
November	858	-	9	-	1,826	-	643	-	2,038	-
December	446	-	9	-	1,646	-	521	-	1,497	-
<u>ALL OTHER ANIMAL FOODS</u>										
January	31	15	7	8	194	215	23	23	111	146
February	3	-	6	-	180	-	24	-	121	-
March	12	-	12	-	286	-	35	-	112	-
April	8	-	8	-	512	-	23	-	135	-
May	7	-	16	-	336	-	37	-	196	-
June	1	-	10	-	355	-	14	-	177	-
July	-	-	11	-	196	-	20	-	155	-
August	5	-	11	-	369	-	16	-	181	-
September	12	-	10	-	181	-	24	-	172	-
October	(1)	-	5	-	(1)	-	14	-	174	-
November	14	-	2	-	310	-	20	-	156	-
December	11	-	3	-	279	-	12	-	145	-

(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, 1956 - 1957, shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
407	426	43	47	40	52	232	228	10	19	-	-	964	980
383		32		45		182		12		-		844	
379		34		31		194		8		-		789	
324		29		28		100		7		-		706	
317		31		7		87		17		-		600	
213		19		9		63		18		-		434	
200		9		9		58		8		-		405	
272		10		13		55		15		-		499	
244		20		15		81		9		-		485	
280		30		32		109		15		-		596	
340		32		85		221		5		-		891	
384		44		93		200		4		-		862	
162	170	136	113	8	9	15	13	39	71	-	-	428	437
138		111		6		15		17		-		344	
131		136		7		13		20		-		427	
123		133		5		12		16		-		336	
125		135		6		17		29		-		422	
237		188		20		13		40		-		643	
337		146		16		53		60		-		852	
460		164		20		167		68		-		1,193	
411		138		25		158		89		-		1,078	
455		124		33		157		72		-		1,123	
355		85		13		145		55		-		829	
171		135		9		6		16		-		465	
1,069	1,122	26	10	-	1	78	71	513	623	146	82	5,898	5,697
1,011		27		72		97		541		172		5,631	
1,133		37		10		152		588		97		5,962	
1,173		54		11		261		538		87		6,210	
1,352		53		4		176		660		74		6,656	
1,620		40		3		77		612		87		7,062	
1,752		55		4		91		657		44		7,324	
1,837		48		24		51		629		111		8,328	
1,508		33		3		72		507		88		8,043	
1,907		302		-		115		509		112		9,318	
1,377		18		-		138		521		45		7,473	
1,095		48		-		23		477		116		5,878	
498	468	185	224	2	33	9	16	63	73	4	2	1,127	1,223
558		106		41		5		52		9		1,105	
947		148		7		12		92		3		1,666	
837		274		58		5		69		6		1,935	
970		235		32		14		46		1		1,890	
922		169		6		3		48		6		1,711	
830		179		7		7		93		2		1,500	
709		261		1		7		62		2		1,624	
870		236		2		8		55		2		1,572	
1,012		265		11		9		54		-		2,070	
944		410		36		10		154		8		2,064	
919		173		3		8		50		-		1,603	

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, 1956 - 1957, shown in tons. (Concluded)

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick		Quebec	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
<u>CHOPPED, GROUND OR CRUSHED FEEDS</u>										
January	155	749	76	68	3,830	2,527	1,066	788	6,476	4,122
February	245		140		3,175		976		4,727	
March	83		86		3,218		1,055		4,489	
April	194		104		3,182		1,069		5,278	
May	245		101		2,887		1,174		5,335	
June	187		122		2,110		828		3,175	
July	191		122		2,048		796		4,183	
August	101		90		2,992		709		4,100	
September	295		115		2,153		918		4,486	
October	670		58		2,282		907		5,785	
November	1,022		58		2,344		965		7,326	
December	101		72		3,337		1,278		5,476	

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
<u>4. 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, 1956 - 1957, shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
6,790	4,468	997	655	36	68	558	572	13,299	12,046	1,066	1,404	34,349	27,467
6,915		605		47		1,141		13,460		1,051		32,482	
6,566		1,080		83		914		12,028		1,631		31,233	
5,919		385		97		749		12,784		2,657		32,418	
6,595		500		86		1,213		11,653		1,692		31,481	
5,353		439		90		979		11,527		738		25,548	
5,296		842		76		781		11,970		1,951		28,256	
5,962		875		76		1,408		11,869		2,380		30,562	
5,152		486		108		742		9,122		1,336		24,913	
5,094		954		284		940		10,944		1,787		29,705	
5,616		1,476		76		1,390		11,494		5,616		37,383	
5,155		666		83		637		10,465		1,498		28,768	

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, 1957 1,399 tons of Dairy and Cattle concentrates, of which 330 tons were used or sold directly for use to the farmer and other such consumers. In other words, 1,069 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 1,069 tons of Dairy and Cattle concentrates, we make use of the conversion factor as follows:

$$1,069 \times 6.0 = 6,414 \text{ tons of Dairy and Cattle Feeds.}$$

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 9,236 tons. The summary would appear as follows:

Total shipments -	9,236 tons
Shipments by secondary manufacturers (1) =	6,414 tons
Shipments by manufacturers (2) =	2,822 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 (9,236 tons) by 6.0 and add 330 tons of concentrates moving out of the industry thus:

$$\frac{9,236}{6.0} = 1,539 + 330 = 1,869 \text{ tons}$$

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	9,236 tons (see page 10)
Estimated feeds produced from concentrates sold outside the industry from which would be	330 x 6.0 = 1,980 tons (see page 4)
Total supply of finished feeds used as finished feeds or in the form of concentrates	<u>11,216 tons</u>

(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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