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SHIPMENTS OF
PREPARED STOCK AND POULTRY FEEDS
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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 1957 together with an estimate of production for the calendar year 1958 and as well the production for the current month in 1958 and 1959 with cumulative totals for 1958 and 1959.

Table 2 shows the 1959 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 - Shipments of Prepared Stock and Poultry Feeds in Canada 1957 together with estimated comparable data for 1958 Current monthly shipments accompanied by cumulative totals for 1958 and 1959 reported in columns (3), (4), (5), and (6) respectively.

	1957 Total(1) Shipments	ESTIMATED				
		1958 Total Shipments	February 1958	February 1959	Cumulative 1958	Cumulative 1959
	Ton	Ton	Ton	Ton	Ton	Ton
<u>"A" PRIMARY OR CONCENTRATED FEEDS</u>						
Calf Concentrates	2,449	3,218	166	261	332	452
Dairy and Cattle Concentrates	110,797	107,451	10,180	10,010	21,642	20,388
Swine Concentrates	108,896	146,648	9,821	13,431	21,625	28,318
Poultry Concentrates Total	162,877	180,229	12,063	13,698	25,299	27,760
Chick Starter	10,419	10,264	867	712	1,505	1,353
Broiler	18,374	26,305	1,791	1,953	3,705	3,947
Growing	26,603	29,793	1,255	1,673	2,479	3,378
Laying and Hatching	86,667	89,390	7,187	8,083	15,749	16,786
Fattening and Finishing	747	784	(3)	5	129	11
Turkey	15,645	17,752	459	846	892	1,406
Other Poultry (2)	4,422	5,941	(3)	426	840	879
Total All Concentrates	385,019	437,546	32,230	37,400	68,898	76,918
<u>"B" SECONDARY OR COMPLETE FEEDS</u>						
Calf Feeds	28,678	28,090	1,993	2,174	4,013	4,153
Dairy and Cattle Feeds	383,613	490,303	42,144	43,033	88,486	88,145
Swine Feeds	562,124	737,411	47,667	65,127	104,273	139,206
Poultry Feeds Total	1,063,166	1,250,900	79,555	92,538	162,371	184,291
Chick Starter	101,693	93,214	8,068	6,821	13,600	12,385
Broiler	220,320	294,374	19,340	22,016	40,099	42,175
Growing	147,905	177,380	7,355	9,424	14,074	18,530
Laying and Hatching	431,670	477,431	37,466	42,401	81,207	89,329
Fattening and Finishing	18,442	14,290	(3)	398	1,337	993
Turkey	121,741	166,424	4,655	9,305	8,314	16,182
Other Poultry	21,395	27,787	(3)	2,173	3,740	4,697
Total All Complete Feeds	2,037,581	2,506,704	171,359	202,872	359,143	415,795
<u>"C" ALL OTHER ANIMAL FEEDS</u>						
Dog and Cat Foods	65,991	71,709	5,907	6,421	12,037	13,132
Canned	51,819	56,723	4,833	5,179	9,761	10,506
Biscuits	4,191	4,149	300	289	628	631
Other (Meals, etc.)	9,981	10,836	774	953	1,648	1,995
Mineral Mixtures	10,822	11,124	1,015	1,171	2,340	2,466
Fox and Mink Foods	8,156	9,087	423	396	923	990
Scratch Feeds	94,405	59,375	4,038	3,772	8,821	7,899
Other Animal Feeds	8,766	20,647	1,968	1,594	3,725	3,124
Chopped, Ground or Crushed Grain Feeds	511,061	344,199	25,665	29,016	63,165	62,316
Total Section "C"	699,201	516,140	39,016	42,370	91,011	89,927

- (1) Revised to agree with 1957 Annual.
(2) Includes concentrates not specified.
(3) Data not available.

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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, 1959 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
128	17	5	1	1	-	9	3	3	1	-	-	191	30
176	23	7	1	5	1	13	4	3	1	-	-	261	39
6,283	3,676	176	129	368	289	1,070	753	88	44	-	-	10,378	5,585
6,300	3,686	122	89	365	287	1,008	710	65	62	-	-	10,010	5,453
7,502	3,901	532	408	413	310	1,721	1,256	27	21	3	1	14,887	6,899
7,142	3,714	472	362	400	300	1,620	1,183	12	10	-	-	13,431	6,384
6,827	2,486	1,358	973	583	486	1,241	829	206	53	20	6	14,062	5,336
6,818	2,373	1,308	935	768	593	1,159	783	244	50	41	12	13,698	5,206

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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, 1959 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)
231	22	115	32	25	3	66	2	20	-	-	-	641	79
242	23	117	32	50	7	76	2	11	-	-	-	712	92
525	17	119	61	14	14	176	24	125	-	-	-	1,994	122
717	23	90	46	16	16	132	18	176	-	-	-	1,953	111
1,267	347	33	30	72	59	52	38	7	5	-	-	1,705	346
1,260	345	55	43	62	51	57	42	3	2	-	-	1,673	345
4,204	1,841	965	766	381	347	917	746	49	44	20	6	8,703	4,141
3,947	1,729	859	682	375	342	867	706	50	45	41	12	8,803	3,862

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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, 1959 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)
-	-	1	1	-	-	-	-	-	-	-	-	(3) 5	1
184	21	121	84	81	53	26	19	4	3	-	-	560	185
259	29	185	130	257	169	21	15	4	3	-	-	846	350
416	238	-	-	10	10	4	-	1	1	-	-	(3)	263
393	224	1	1	8	8	6	-	-	-	-	-	426	245
20,740	10,080	2,071	1,511	1,365	1,085	4,041	2,841	324	119	23	7	39,518	17,850
20,436	9,796	1,909	1,387	1,538	1,181	3,800	2,680	324	123	41	12	37,400	17,082

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, 1958 - 1959 shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
<u>CALF FEEDS</u>										
January	1	1	10	28	54	73	39	43	282	287
February	14	4	27	29	40	69	45	54	333	344
March	3		39		52		61		520	
April	3		40		59		68		669	
May	5		43		56		67		1,052	
June	2		86		51		70		930	
July	5		87		58		81		738	
August	2		65		61		66		566	
September	6		40		60		61		287	
October	11		31		65		50		261	
November	24		19		71		44		267	
December	7		25		62		40		275	
<u>DAIRY AND CATTLE FEEDS</u>										
January	346	590	681	1,029	3,338	3,496	1,784	1,791	9,643	10,290
February	344	316	564	858	3,109	3,346	1,585	1,702	9,298	9,859
March	294		1,041		3,500		2,030		14,167	
April	285		852		3,235		1,819		12,074	
May	368		642		2,282		1,708		14,371	
June	152		346		877		750		8,335	
July	65		321		1,369		793		8,662	
August	233		402		1,591		1,046		12,383	
September	433		528		1,961		1,305		10,337	
October	256		438		2,707		1,760		13,804	
November	430		780		3,922		1,954		14,574	
December	346		845		3,281		1,973		11,333	
<u>SWINE FEEDS</u>										
January	20	48	1,299	2,183	827	1,461	1,127	1,513	22,565	31,682
February	26	25	1,195	1,645	682	1,295	912	1,356	18,040	25,655
March	27		1,525		754		1,160		22,255	
April	38		1,042		759		655		15,312	
May	86		1,026		771		895		19,707	
June	80		1,251		844		1,006		20,444	
July	32		1,417		1,079		1,062		24,079	
August	68		1,824		1,120		1,329		31,045	
September	115		2,011		1,303		1,413		25,703	
October	106		1,895		1,294		1,549		31,680	
November	160		2,229		1,528		1,460		31,852	
December	33		1,785		1,175		1,590		32,211	
<u>POULTRY FEEDS TOTAL</u>										
January	388	382	449	749	4,120	6,367	1,787	2,105	19,924	21,326
February	444	545	537	651	4,024	5,835	1,815	1,977	18,198	22,448
March	385		748		4,160		2,144		23,352	
April	446		717		4,544		1,968		19,521	
May	523		787		5,331		2,762		27,485	
June	453		941		5,291		2,767		27,421	
July	483		1,083		5,963		2,983		31,472	
August	467		963		5,367		2,871		36,672	
September	819		839		5,877		2,708		31,780	
October	622		680		5,729		2,553		33,117	
November	834		818		5,164		2,299		27,533	
December	600		609		5,515		2,323		23,979	

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, 1958 - 1959 shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
1,297	1,174	50	58	106	85	89	98	81	129	2	3	2,020	1,979
1,237	1,298	46	68	89	112	87	91	73	104	2	1	1,993	2,174
1,495		76		112		98		68		1		2,525	
1,640		73		84		81		84		2		2,803	
1,985		73		98		83		64		2		3,528	
1,709		55		78		65		45		2		3,093	
1,446		38		56		60		58		1		2,628	
1,137		46		55		57		46		2		2,103	
1,086		34		56		61		84		-		1,775	
1,033		50		70		67		93		1		1,732	
1,155		50		90		105		104		2		1,931	
1,184		54		97		91		121		3		1,959	
21,788	18,181	290	370	569	648	2,165	2,464	5,716	6,228	22	25	46,342	45,112
19,788	18,150	323	291	523	583	1,736	2,182	4,864	5,733	10	13	42,144	43,033
21,741		259		424		1,993		5,102		16		50,567	
20,296		268		315		1,256		6,033		11		46,444	
16,224		205		241		1,402		5,425		15		42,882	
9,314		141		235		1,070		5,249		14		26,530	
10,578		140		190		775		6,132		-		29,025	
10,657		132		156		768		3,994		20		31,382	
11,513		182		256		903		6,082		12		33,712	
13,856		289		404		1,469		5,258		14		40,255	
21,669		336		627		2,154		6,075		22		52,543	
20,722		421		912		2,372		6,259		13		48,477	
26,133	31,300	716	1,023	577	824	3,039	3,578	271	439	32	28	56,606	74,079
22,812	29,567	612	929	565	871	2,584	3,444	221	324	18	16	47,667	65,127
24,087		528		730		3,096		204		18		54,384	
21,558		733		559		2,251		275		8		43,190	
25,256		837		805		2,844		241		34		52,502	
24,900		897		1,074		2,713		251		10		53,470	
27,940		1,022		1,165		2,984		278		27		61,085	
28,091		900		850		3,384		382		28		69,021	
31,242		1,322		1,093		3,011		341		23		67,577	
34,522		1,116		1,076		3,502		390		19		77,149	
33,529		1,108		1,091		4,490		354		17		77,818	
34,333		1,062		943		3,462		338		10		76,942	
42,182	44,500	1,714	2,167	1,180	1,468	2,103	2,246	8,740	10,198	229	245	82,816	91,753
39,569	43,959	1,922	2,548	2,056	2,378	2,769	2,918	8,116	8,981	124	298	79,555	92,538
44,253		3,388		3,000		4,327		8,974		192		94,924	
47,331		3,840		2,930		4,302		10,804		139		96,542	
56,369		4,676		3,279		3,810		11,794		303		117,119	
55,869		4,060		2,412		3,089		9,755		127		112,185	
58,795		3,042		1,548		2,215		12,097		168		119,849	
55,657		2,126		1,148		2,149		10,875		175		118,470	
56,071		1,834		1,003		1,856		11,473		125		114,385	
56,857		1,979		869		1,848		11,541		121		115,916	
50,411		1,785		806		2,043		10,065		169		101,927	
49,572		1,903		784		1,749		10,069		110		97,213	

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, 1958 - 1959 shown in tons. (Continued)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
<u>CHICK STARTER FEEDS</u>										
January	11	3	18	28	295	345	93	77	1,296	1,391
February	14	6	35	42	384	298	167	156	1,659	1,517
March	27		87		338		269		2,760	
April	26		129		466		305		2,826	
May	21		146		331		382		4,046	
June	12		143		276		271		3,964	
July	13		98		145		140		3,409	
August	4		42		72		44		2,746	
September	9		11		93		25		1,491	
October	10		8		102		29		1,369	
November	27		16		135		49		1,204	
December	9		18		244		57		1,163	
<u>BROILER FEEDS</u>										
January	1	-	18	23	338	632	260	342	5,867	4,708
February	-	-	21	24	319	528	252	254	5,367	6,539
March	-		13		417		226		6,524	
April	-		17		374		218		5,630	
May	-		19		544		351		8,262	
June	-		18		546		308		7,561	
July	3		21		587		312		8,947	
August	-		22		617		336		9,485	
September	-		30		569		269		10,047	
October	-		20		534		317		11,251	
November	-		30		451		372		7,946	
December	-		15		614		313		7,098	
<u>GROWING FEEDS</u>										
January	13	42	37	168	480	659	87	120	800	1,340
February	40	18	102	139	596	1,026	197	185	1,028	1,243
March	26		187		1,050		308		1,763	
April	51		202		1,127		485		1,752	
May	52		274		1,432		880		3,341	
June	72		387		1,153		952		4,064	
July	48		506		1,463		1,095		5,344	
August	47		416		991		907		6,767	
September	100		307		664		584		4,574	
October	32		201		489		348		3,416	
November	180		180		347		184		2,124	
December	18		130		477		185		1,660	
<u>LAYING AND HATCHING FEEDS</u>										
January	359	321	361	459	2,921	4,569	1,235	1,440	10,304	11,319
February	377	508	360	395	2,636	3,824	1,080	1,247	8,727	10,623
March	315		437		2,206		1,183		9,853	
April	335		334		2,423		855		7,139	
May	438		298		2,725		845		8,273	
June	357		333		2,930		938		7,221	
July	375		334		3,263		942		7,869	
August	412		314		3,181		1,035		10,682	
September	678		322		3,940		1,182		8,677	
October	553		239		4,089		1,236		10,659	
November	583		356		3,851		1,253		11,137	
December	562		377		4,022		1,599		11,041	

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 1958 - 1959 shown in tons. (Continued)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
2,034	1,842	469	479	459	570	482	433	362	383	13	13	5,532	5,564
2,694	1,976	594	688	962	824	1,120	908	430	401	9	5	8,068	6,821
4,091		1,544		1,224		2,022		582		17		12,961	
5,008		1,596		1,261		1,868		742		12		14,239	
5,956		1,714		1,135		1,429		700		19		15,879	
4,307		783		379		540		478		10		11,163	
2,263		408		98		107		412		8		7,101	
1,223		179		66		123		194		15		4,708	
939		155		63		105		177		11		3,079	
1,021		302		118		83		235		7		3,284	
1,181		248		119		127		315		7		3,438	
1,525		261		69		157		251		8		3,762	
12,495	11,586	152	219	13	1	390	588	1,197	2,018	28	42	20,759	20,159
11,418	11,746	167	154	14	-	298	455	1,463	2,282	21	34	19,340	22,016
12,004		136		10		355		1,587		30		21,302	
12,068		201		7		435		2,140		25		21,115	
13,149		205		28		483		2,390		14		25,445	
12,266		196		4		397		1,638		13		22,947	
13,009		268		27		463		2,254		20		25,911	
14,369		214		40		558		2,089		19		27,749	
14,777		237		32		442		2,103		16		28,522	
16,225		266		2		492		2,193		3		31,303	
14,171		181		1		540		2,130		26		25,848	
13,566		188		19		399		1,883		38		24,133	
4,547	5,862	24	55	44	87	77	90	566	652	44	31	6,719	9,106
4,466	5,979	121	69	96	92	119	131	550	498	30	44	7,355	9,424
6,097		86		97		373		723		23		10,733	
7,856		219		120		662		1,119		34		13,627	
11,177		428		274		913		1,582		88		20,441	
12,377		398		235		853		1,709		32		22,232	
13,352		393		130		522		1,734		37		24,624	
11,167		220		52		333		1,115		39		22,054	
9,185		96		29		171		989		17		16,716	
7,918		78		37		130		745		27		13,421	
6,029		62		32		98		500		17		9,753	
6,456		63		46		62		590		18		9,705	
19,915	19,785	884	1,109	308	237	1,039	1,020	6,273	6,525	142	144	43,741	46,928
17,124	18,180	783	1,007	197	246	867	977	5,251	5,180	64	214	37,466	42,401
17,343		743		212		856		5,448		113		38,709	
16,768		742		163		689		5,720		68		35,226	
17,341		755		128		82		5,639		180		36,704	
16,172		1,001		136		592		4,288		71		34,039	
16,176		697		153		596		5,492		101		35,998	
15,083		744		164		681		5,446		94		37,836	
17,094		922		187		773		5,740		80		39,595	
18,750		1,062		221		836		6,316		84		44,045	
15,908		1,083		292		1,107		5,836		119		45,525	
11,732		1,171		305		1,041		6,651		46		48,547	

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, 1958 - 1959 shown in tons. (Concluded)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
<u>FATTENING AND FINISHING FEEDS</u>										
January	-	-	2	2	6	31	10	23	219	297
February	-	-	-	5	10	31	11	12	158	165
March	-	-	-	-	14	-	13	-	206	-
April	-	-	-	-	9	-	3	-	189	-
May	-	-	6	-	18	-	30	-	312	-
June	-	-	3	-	32	-	31	-	438	-
July	-	-	3	-	39	-	67	-	525	-
August	-	-	13	-	43	-	119	-	1,077	-
September	-	-	20	-	57	-	166	-	1,281	-
October	-	-	64	-	91	-	143	-	946	-
November	-	-	64	-	103	-	99	-	970	-
December	-	-	16	-	40	-	44	-	470	-
<u>TURKEY FEEDS</u>										
January	4	5	1	35	44	61	25	31	978	1,851
February	-	13	1	29	40	81	42	28	907	1,953
March	17	-	14	-	102	-	37	-	1,754	-
April	30	-	19	-	109	-	59	-	1,639	-
May	8	-	24	-	253	-	178	-	2,734	-
June	9	-	43	-	323	-	219	-	3,663	-
July	41	-	114	-	444	-	357	-	4,857	-
August	4	-	146	-	440	-	365	-	5,415	-
September	24	-	139	-	516	-	388	-	5,218	-
October	20	-	127	-	381	-	383	-	4,917	-
November	27	-	150	-	219	-	258	-	3,633	-
December	3	-	27	-	75	-	57	-	2,015	-
<u>OTHER POULTRY FEEDS</u>										
January	-	11	12	34	36	70	77	72	460	420
February	3	-	18	17	39	47	65	95	352	408
March	-	-	10	-	33	-	108	-	492	-
April	4	-	16	-	36	-	43	-	346	-
May	4	-	20	-	28	-	96	-	517	-
June	3	-	14	-	31	-	48	-	510	-
July	3	-	7	-	22	-	70	-	521	-
August	-	-	10	-	23	-	65	-	503	-
September	8	-	10	-	38	-	94	-	492	-
October	6	-	21	-	43	-	97	-	559	-
November	17	-	22	-	58	-	84	-	519	-
December	8	-	26	-	43	-	68	-	532	-
<u>TOTAL ALL SECONDARY FEEDS</u>										
January	755	1,021	2,448	3,989	8,339	11,397	4,737	5,452	52,414	63,585
February	828	890	2,323	3,173	7,855	10,545	4,356	5,089	45,869	58,306
March	709	-	3,353	-	8,466	-	5,395	-	60,294	-
April	772	-	2,651	-	8,597	-	4,510	-	47,576	-
May	982	-	2,498	-	8,440	-	5,432	-	62,615	-
June	687	-	2,624	-	7,063	-	4,593	-	57,177	-
July	585	-	2,908	-	8,469	-	4,919	-	64,951	-
August	770	-	3,254	-	8,139	-	5,312	-	80,668	-
September	1,373	-	3,418	-	9,201	-	5,487	-	68,307	-
October	995	-	3,044	-	9,795	-	5,912	-	78,862	-
November	1,448	-	3,846	-	10,685	-	5,757	-	74,226	-
December	986	-	3,264	-	10,033	-	5,926	-	67,798	-

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 1958 - 1959 shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
165	114	13	14	-	-	-	45	25	56	-	13	441	595
(3)	154	2	9	-	1	-	1	36	20	-	-	(3)	398
196		8		1		3		18		1		460	
214		17		1		7		27		-		467	
201		56		9		14		49		1		696	
184		21		-		16		72		-		797	
208		28		6		28		121		1		1,026	
453		66		3		47		189		7		2,017	
587		56		17		92		141		-		2,417	
571		20		11		126		191		-		2,164	
404		9		13		76		141		-		1,879	
373		13		3		5		66		-		1,030	
1,745	3,622	172	291	349	566	77	51	264	364	-	-	3,659	6,877
2,032	4,540	253	621	781	1,211	342	406	257	423	-	-	4,655	9,305
3,129		871		1,452		704		468		8		8,556	
4,007		1,065		1,376		625		921		-		9,850	
6,890		1,518		1,701		883		1,315		-		15,504	
3,960		1,661		1,654		679		1,494		1		18,706	
12,088		1,248		1,125		474		1,950		-		22,698	
11,687		703		818		396		1,724		1		21,696	
11,951		368		655		259		2,015		1		21,534	
10,715		251		479		163		1,688		-		19,124	
7,067		191		343		93		935		-		12,916	
4,270		206		339		47		487		-		7,526	
1,281	1,689	-	-	7	7	38	19	53	200	1	2	1,965	2,524
(3)	1,384	2	-	6	4	23	40	129	177	-	1	(3)	2,173
1,393		-		4		14		148		-		2,202	
1,420		-		2		16		135		-		2,018	
1,655		-		4		6		119		1		2,450	
1,603		-		4		12		76		-		2,301	
1,699		-		9		25		134		1		2,491	
1,675		-		5		11		118		-		2,410	
1,538		-		20		14		308		-		2,522	
1,657		-		1		18		173		-		2,575	
1,651		1		6		2		208		-		2,568	
1,650		1		3		38		141		-		2,510	
91,400	95,155	2,770	3,618	2,432	3,025	7,396	8,386	14,808	16,994	285	301	187,784	212,923
83,406	92,974	2,903	3,836	3,233	3,944	7,176	8,635	13,274	15,142	154	328	171,359	202,872
91,576		4,251		4,266		9,514		14,348		227		202,399	
90,825		4,914		3,888		7,890		17,196		160		188,979	
99,834		5,790		4,423		8,139		17,524		354		216,030	
91,792		5,153		3,799		6,937		15,300		153		195,278	
98,759		4,242		2,959		6,034		18,565		196		212,587	
95,542		3,204		2,209		6,358		15,297		225		220,976	
99,912		3,372		2,408		5,831		17,980		160		217,449	
106,268*		3,434		2,419		6,886		17,282		155		235,052	
106,764		3,279		2,614		8,792		16,598		210		234,219	
105,811		3,440		2,736		7,674		16,787		136		224,591	

(3) 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, 1958 - 1959, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
<u>DOG AND CAT FOODS TOTAL</u>										
January	16	14	18	22	268	366	133	162	828	1,036
February	17	16	17	17	262	238	105	77	757	701
March	11		17		222		72		714	
April	26		18		161		80		576	
May	23		9		190		138		958	
June	35		29		348		107		827	
July	36		10		209		100		764	
August	41		27		333		123		920	
September	20		13		252		91		863	
October	48		26		286		114		793	
November	89		16		267		120		882	
December	10		5		135		66		686	
<u>CANNED</u>										
January	11	11	12	16	237	321	121	143	733	932
February	14	12	9	13	232	201	92	60	670	611
March	7		7		189		56		618	
April	24		7		137		67		493	
May	18		6		165		123		870	
June	34		26		314		97		714	
July	33		7		179		85		669	
August	37		24		302		106		831	
September	16		10		217		79		750	
October	42		18		253		97		680	
November	85		13		232		101		775	
December	8		3		109		54		590	
<u>BISCUITS</u>										
January	1	-	1	4	4	5	1	2	35	31
February	-	-	-	1	4	6	2	3	33	32
March	-		1		7		5		35	
April	-		-		5		4		33	
May	-		-		7		2		34	
June	1		-		8		3		40	
July	1		1		7		3		36	
August	-		1		5		2		31	
September	1		1		7		3		43	
October	1		4		4		2		37	
November	-		-		7		4		37	
December	-		-		4		3		29	
<u>OTHER (MEALS, ETC.)</u>										
January	4	3	5	2	27	40	11	17	60	73
February	3	4	8	3	26	31	11	14	54	59
March	4		9		26		11		61	
April	2		11		19		9		50	
May	5		3		18		13		54	
June	-		3		26		7		73	
July	2		2		23		12		59	
August	4		2		26		15		58	
September	3		2		28		9		70	
October	5		4		29		15		76	
November	4		3		28		15		70	
December	2		2		22		9		67	

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, 1958 - 1959 shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
2,846	2,865	197	228	169	131	378	539	1,218	1,295	59	53	6,130	6,711
2,881	3,323	173	150	109	140	391	405	1,124	1,271	71	83	5,907	6,421
2,588		129		119		361		1,030		86		5,349	
2,394		159		121		388		1,133		85		5,141	
3,230		159		117		415		1,228		85		6,552	
2,595		197		97		286		1,190		93		5,804	
3,000		193		113		276		1,182		83		5,966	
2,685		205		91		273		1,198		107		6,003	
2,976		187		159		361		1,302		92		6,316	
3,716		219		131		332		1,488		68		7,221	
2,835		198		110		355		1,229		187		6,288	
2,414		190		79		242		1,156		48		5,031	
2,212	2,149	168	183	146	106	313	467	916	951	59	48	4,928	5,327
2,322	2,692	151	124	90	104	328	320	863	960	62	83	4,833	5,179
1,978		108		84		280		721		78		4,126	
1,859		132		96		298		809		70		3,992	
2,632		136		97		326		928		53		5,354	
3,001		162		58		208		882		91		4,587	
2,395		155		76		179		903		58		4,739	
2,072		169		63		169		848		100		4,721	
2,335		153		112		273		956		85		4,986	
2,930		174		96		238		1,100		59		5,687	
2,212		161		81		247		882		173		4,962	
1,779		159		47		157		854		48		3,808	
222	235	6	4	4	2	9	8	45	48	-	3	328	342
197	196	5	4	2	3	9	7	47	37	1	-	300	289
277		5		4		13		55		-		402	
192		6		3		11		47		-		301	
236		5		2		10		46		1		343	
228		5		-		13		55		1		354	
246		7		-		21		47		-		369	
212		5		3		11		49		1		320	
249		8		5		12		58		-		387	
289		5		3		11		43		1		400	
216		6		2		13		53		2		340	
213		7		1		10		38		-		305	
412	481	23	41	19	23	56	64	257	296	-	2	874	1,042
362	435	17	22	17	33	54	78	214	274	8	-	774	953
333		16		31		68		254		8		821	
343		21		22		79		277		15		848	
362		18		18		79		254		31		855	
366		30		39		65		253		1		863	
359		31		37		76		232		25		858	
401		31		25		93		301		6		962	
392		26		42		76		288		7		943	
497		40		32		83		345		8		1,134	
407		31		27		95		294		12		986	
422		24		31		75		264		-		918	

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 1958 - 1959 shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
<u>MINERAL MIXTURES</u>										
January	-	-	14	14	12	17	9	7	228	247
February	-	-	12	11	4	14	2	8	205	244
March	1		14		10		7		281	
April	-		8		7		5		185	
May	-		1		8		2		190	
June	-		6		4		5		131	
July	-		8		6		2		152	
August	-		7		4		5		225	
September	-		10		7		8		196	
October	-		17		13		9		232	
November	-		17		18		6		248	
December	-		9		14		15		215	
<u>FOX AND MINK FOODS</u>										
January	25	-	2	7	31	7	6	7	39	85
February	1	3	3	1	10	33	18	4	39	35
March	3		9		10		3		39	
April	-		1		28		4		47	
May	33		1		6		5		48	
June	3		10		39		7		84	
July	57		33		105		12		143	
August	30		29		74		16		117	
September	35		3		84		21		186	
October	83		7		73		15		155	
November	64		4		42		10		129	
December	31		6		15		6		81	
<u>SCRATCH FEEDS</u>										
January	322	527	3	9	1,407	1,086	508	575	862	929
February	339	314	11	10	1,147	1,092	437	589	855	757
March	379		13		1,166		474		1,055	
April	385		7		978		349		953	
May	362		11		1,147		450		1,024	
June	379		18		1,338		535		1,028	
July	409		11		1,267		491		1,177	
August	464		30		1,450		640		1,247	
September	885		33		1,429		723		1,542	
October	669		14		1,444		862		1,626	
November	757		17		1,906		544		1,447	
December	382		10		1,174		565		1,035	
<u>ALL OTHER ANIMAL FOODS</u>										
January	12	19	2	178	290	127	22	41	132	133
February	10	11	21	169	278	324	30	38	107	139
March	12		7		162		59		131	
April	2		7		469		33		144	
May	2		8		291		25		160	
June	1		7		186		26		166	
July	-		12		203		27		192	
August	-		90		100		23		172	
September	14		54		212		22		201	
October	(1)		5		(1)		27		162	
November	27		4		247		29		163	
December	22		170		375		24		183	

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 1958 - 1959 shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
537	524	68	117	113	106	324	234	20	29	-	-	1,325	1,295
443	425	44	103	65	134	223	216	17	16	-	-	1,015	1,171
460		48		55		178		13		-		1,067	
414		40		88		103		8		-		858	
381		33		28		77		6		-		726	
355		30		9		85		3		-		628	
313		33		37		71		1		-		623	
346		28		5		86		9		-		715	
408		45		51		100		7		-		832	
405		51		40		132		39		-		938	
463		77		98		253		3		-		1,183	
532		107		69		240		13		-		1,214	
186	371	134	25	3	5	17	18	57	69	-	-	500	594
143	158	137	109	15	11	35	17	20	25	2	-	423	396
307		109		13		14		28		-		435	
141		112		4		11		52		-		420	
164		112		6		13		28		-		416	
356		174		15		32		54		-		674	
433		221		16		61		68		20		1,169	
428		225		5		38		109		-		1,069	
524		287		20		55		91		18		1,324	
547		266		14		54		68		-		1,282	
330		145		18		31		71		-		844	
215		111		3		14		45		4		531	
808	640	11	13	10	4	43	9	534	254	275	81	4,783	4,127
689	619	9	9	1	24	50	9	372	258	128	91	4,038	3,772
839		16		10		34		327		44		4,307	
736		13		7		34		440		40		3,942	
828		16		11		21		439		160		4,469	
869		18		128		18		422		183		4,936	
998		24		7		7		714		78		5,183	
998		14		13		4		315		166		5,341	
971		16		10		1		419		61		6,090	
893		20		6		6		434		74		6,048	
777		8		-		3		378		74		5,911	
728		18		13		9		342		51		4,327	
965	785	201	111	25	-	5	23	101	109	2	4	1,757	1,530
821	634	555	164	61	4	26	11	58	97	1	3	1,968	1,594
915		381		19		35		69		1		1,791	
904		297		16		47		69		1		1,989	
900		354		52		11		94		2		1,899	
713		230		12		8		85		3		1,437	
844		125		1		13		144		-		1,561	
645		72		9		16		105		-		1,232	
826		72		4		10		107		1		1,523	
775		120		30		10		127		-		1,488	
1,254		69		12		12		109		1		1,927	
997		115		2		12		175		-		2,075	

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, 1958 - 1959 shown in tons. (Concluded)

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick		Quebec	
	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
CHOPPED, GROUND OR CRUSHED FEEDS										
January	299	212	122	551	2,743	3,766	1,462	1,321	4,550	5,753
February	184	245	83	392	2,480	3,211	882	1,372	3,139	4,608
March	180		136		2,390		954		3,755	
April	187		137		2,610		853		4,079	
May	101		83		2,322		713		3,992	
June	76		133		1,775		720		4,061	
July	101		162		2,203		853		5,580	
August	259		634		2,066		1,001		5,562	
September	191		479		2,869		1,382		5,303	
October	122		432		2,717		1,134		6,631	
November	205		454		2,736*		1,454		6,793	
December	180		490		3,096		1,343		6,793	

* Revised

FACTORS USED IN DETERMINING QUANTITIES OF CONCENTRATES MOVING INTO SECONDARY INDUSTRY

	Shipped to or sold in										
	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Export
Primary or Concentrated Feeds											
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	.280	.700
4. Poultry Concentrates											
(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 amounts 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, 1958 - 1959, shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959
3,164	3,852	1,015	770	65	299	547	551	11,754	14,407	4,615	1,818	30,336	33,300
4,079	3,568	767	392	148	389	702	536	9,950	12,852	3,251	1,451	25,665	29,016
4,068		763		403		425		9,670		3,928		26,672	
3,787		835		259		335		11,030		3,643		27,755	
5,260		1,836		641		940		12,046		5,249		33,183	
5,720		598		292		3,470		10,908		2,376		30,129	
5,134		522		652		472		11,311		2,153		29,143	
4,705		616		454		454		11,088		1,390		28,229	
4,079		626		781		738		14,616		1,656		32,720	
4,306		958		306		774		16,578		2,538		36,497	
3,812		734		598		569		14,771		4,831		36,957	
3,366		760		544		612		15,534		886		33,604	

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, 1959 1,688 tons of Dairy and Cattle concentrates, of which 398 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 1,290 tons of Dairy and Cattle concentrates, we make use of the conversion factor as follows:

$$1,290 \times 6.0 = 7,740 \text{ tons of Dairy and Cattle Feeds.}$$

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 10,290 tons. The summary would appear as follows:

Total shipments =	10,290 tons
Shipments by secondary manufacturers (1) =	7,740 tons
Shipments by manufacturers (2) =	2,550 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 (10,290 tons) by 6.0 and add 398 tons of concentrates moving out of the industry thus:

$$\frac{10,290}{6.0} = 1,713 + 398 = 2,111 \text{ tons}$$

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	10,290 tons (see page 10)
Estimated feeds produced from concentrates sold outside the industry from which would be	$398 \times 6.0 = 2,388 \text{ tons (see page 4)}$
Total supply of finished feeds used as finished feeds or in the form of concentrates	12,678 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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