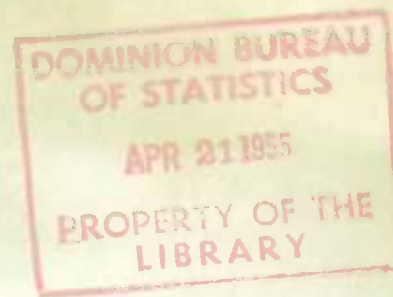


32-004



CANADA



# SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

FEBRUARY, 1955

*Published by Authority of*  
The Right Honourable C. D. Howe, Minister of Trade and Commerce

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

6513-504  
1-4-55

Price 25 cents per month

Vol. IX—2



## 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 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 1953 together with an estimate of production for the calendar year 1954 and as well the production for the current month in 1954 and 1955 with cumulative totals for 1954 and 1955.

Table 2 shows the 1955 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 for making a complete Calf Feed.
2. Dairy & 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 & hatching Concentrates - Any concentrate for making a complete feed for laying hens.
  - (e) Fattening & 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 & 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 & Hatching Feeds - Any complete feed for laying hens.
  - (e) Fattening & 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.



## ERRATA

Revisions of 1955 Cumulative Totals in the February issue of the Monthly Report on Shipments of Prepared Stock and Poultry Feeds.

Page 3 - Section "A" - Column "5".

	<u>As Shown</u>	<u>Correct Total</u>
	Ton	Ton
Calf Concentrates	289	313
Dairy and Cattle Concentrates	9,121	12,536
Swine Concentrates	11,057	15,486
Poultry Concentrates Total	14,817	19,246
Chick Starter	1,530	1,364
Broiler	1,387	1,510
Growing	1,540	1,771
Laying and Hatching	9,790	13,817
Fattening and Finishing	28	45
Turkey	239	262
Other Poultry	303	477
Total All Concentrates	35,284	47,581



SHIPMENTS OF PREPARED STOCK AND POULTRY FEEDS

Table 1 - Production of Prepared Stock and Poultry Feeds in Canada 1953 together with estimated comparable data for 1954. Current monthly production accompanied by cumulative totals for 1954 and 1955 reported in columns (3), (4), (5), and (6) respectively.

	1953 Total Production (Annual)	ESTIMATED				
		1954 Total Production	February 1955	February 1954	Cumulative 1955	Cumulative 1954
	Ton	Ton	Ton	Ton	Ton	Ton
<u>"A" PRIMARY OR CONCENTRATED FEEDS</u>						
Calf Concentrates	1,603	2,289	157	132	289	226
Dairy and Cattle Concentrates	57,858	51,715	6,117	4,911	9,121	10,424
Swine Concentrates	66,823	78,406	7,213	6,253	11,057	13,098
Poultry Concentrates Total	103,672	126,095	9,203	9,016	14,817	18,310
Chick Starter	8,112	10,626	810	1,021	1,530	2,208
Broiler	9,742	10,119	715	902	1,387	1,961
Growing	20,060	26,601	925	1,114	1,540	1,993
Laying and Hatching	57,854	68,352	6,349	5,572	9,790	11,372
Fattening and Finishing	1,111	1,959	17	15	28	24
Turkey	5,110	5,722	171	156	239	251
Other Poultry	1,683	2,716	216	236	303	501
Total All Concentrates	229,956	258,505	22,690	20,312	35,284	42,058
<u>"B" SECONDARY OR COMPLETE FEEDS</u>						
Calf Feeds	27,647	24,295	1,773	1,773	3,693	3,519
Dairy and Cattle Feeds	290,143	344,045	35,500	29,719	72,859	62,407
Swine Feeds	427,545	457,497	39,312	34,879	83,729	74,529
Poultry Feeds Total	827,217	986,245	61,467	65,187	125,081	129,860
Chick Starter	101,507	105,833	8,227	10,757	13,393	19,963
Broiler	85,087	109,424	7,766	8,846	16,002	18,998
Growing	152,413	197,251	5,693	8,628	10,468	14,589
Laying and Hatching	358,478	414,807	34,694	32,478	74,971	67,525
Fattening and Finishing	18,030	26,248	492	643	1,120	1,221
Turkey	86,268	114,241	3,343	2,074	6,473	3,842
Other Poultry	25,434	18,441	1,252	1,761	2,654	3,722
Total All Complete Feeds	1,572,552	1,812,082	138,052	131,558	285,362	270,315
<u>"C" ALL OTHER ANIMAL FEEDS</u>						
Dog and Cat Foods	50,319	54,521	4,432	4,189	8,250	8,258
Canned	37,808	42,881	3,383	3,349	6,280	6,447
Biscuits	3,376	3,768	285	260	602	551
Other (Meals, etc.)	9,135	7,872	764	580	1,368	1,260
Mineral Mixtures	6,870	8,147	830	727	1,787	1,493
Fox and Mink Foods	8,606	6,978	367	325	802	743
Scratch Feeds	94,726	94,021	6,083	5,133	12,428	11,098
Other Animal Feeds	10,054	19,858	1,867	1,622	3,767	3,242
Chopped, Ground or Crushed Grain Feeds	463,746	426,631	24,325	32,494	52,088	67,716
Total Section "C"	634,321	610,156	37,904	44,490	79,122	92,550

[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, 1955, showing separately (a) total primary feeds shipped to all sources and (b) primary feeds consumed 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)
86	11	4	1	2	-	19	6	-	-	-	-	156	24
74	10	5	1	2	-	17	5	-	-	-	-	157	25
3,880	2,270	43	31	135	106	396	279	25	24	-	-	6,419	3,275
3,613	2,114	60	44	113	89	339	239	60	58	-	-	6,117	3,113
4,497	2,338	182	140	115	86	1,067	779	9	7	-	-	8,273	3,884
3,830	1,992	169	130	107	80	925	675	8	6	-	-	7,213	3,369
5,585	2,025	700	553	370	319	859	653	66	54	2	1	10,043	3,992
4,863	1,722	817	773	384	314	815	568	46	38	1	-	9,203	3,589



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, 1955, showing separately (a) total primary feeds shipped to all sources and (b) primary feeds consumed 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)
290	28	9	2	21	3	23	1	6	-	-	-	554	56
361	35	71	20	37	5	58	2	2	-	-	-	810	90
596	19	11	6	1	1	14	2	-	-	-	-	795	30
489	16	45	23	-	-	22	3	-	-	-	-	715	43
597	164	49	38	6	5	20	15	4	3	-	-	846	267
603	165	56	44	18	15	40	30	6	4	-	-	925	310
3,925	1,719	554	440	321	292	761	619	51	46	2	1	7,468	3,419
3,289	1,441	547	434	264	241	618	503	37	33	1	-	6,349	2,908

[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, 1955, showing separately (a) total primary feeds shipped to all sources and (b) primary feeds consumed 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)
4	1	5	4	-	-	4	3	-	-	-	-	28	12
4	1	1	1	-	-	2	1	-	-	-	-	17	6
11	1	27	19	9	6	18	13	-	-	-	-	91	40
6	1	69	49	34	22	40	29	1	1	-	-	171	103
162	93	45	44	12	12	19	-	5	5	-	-	261	168
111	63	28	27	31	31	35	-	-	-	-	-	216	129
14,048	6,644	929	725	622	511	2,341	1,717	100	85	2	1	24,891	11,175
12,380	5,838	1,051	773	606	483	2,096	1,487	114	102	1	-	22,690	10,096



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, 1954 - 1955, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
<u>CALF FEEDS</u>										
January	9	5	24	22	84	66	40	56	348	346
February	6	3	26	37	45	57	45	41	386	393
March	10		74		81		71		874	
April	9		65		62		65		801	
May	6		108		67		63		936	
June	1		105		66		51		794	
July	8		99		55		62		671	
August	6		89		71		66		549	
September	-		66		61		52		484	
October	22		32		64		47		259	
November	10		32		58		50		339	
December	5		26		93		49		303	
<u>DAIRY AND CATTLE FEEDS</u>										
January	658	558	574	711	2,780	3,110	1,563	1,870	9,201	9,687
February	684	730	540	736	2,370	3,271	1,483	1,885	8,308	9,366
March	510		730		3,048		1,834		14,473	
April	954		719		2,926		1,922		12,219	
May	312		719		2,181		1,523		10,188	
June	309		233		1,023		665		4,960	
July	304		236		1,049		677		6,787	
August	389		345		1,639		900		6,990	
September	382		382		1,806		1,173		7,923	
October	620		401		2,383		1,345		10,344	
November	884		506		2,968		1,819		12,815	
December	578		724		3,273		1,991		10,806	
<u>SWINE FEEDS</u>										
January	14	14	1,718	1,769	896	838	1,136	1,263	16,984	17,791
February	7	17	1,588	1,768	606	735	869	1,070	14,317	15,960
March	30		1,518		786		996		18,474	
April	60		1,263		713		653		10,297	
May	43		1,419		690		685		12,290	
June	42		1,559		617		697		13,463	
July	7		1,884		724		888		16,038	
August	34		1,762		882		1,185		15,684	
September	33		1,897		1,028		1,295		16,559	
October	71		1,589		879		1,126		14,841	
November	61		1,869		774		1,152		20,449	
December	15		1,908		915		1,350		20,144	
<u>POULTRY FEEDS TOTAL</u>										
January	396	355	531	628	3,750	2,938	1,596	1,524	17,453	17,134
February	234	582	566	608	3,191	3,352	1,399	1,356	17,765	15,891
March	468		778		3,886		2,058		26,835	
April	486		865		3,669		2,259		22,784	
May	535		1,387		4,053		2,770		26,986	
June	439		1,295		4,111		2,824		31,718	
July	269		1,145		3,683		2,899		32,423	
August	460		1,033		4,355		2,852		29,113	
September	649		801		3,956		2,719		27,770	
October	657		592		3,513		2,011		23,969	
November	650		746		3,290		1,769		24,690	
December	411		574		3,233		1,713		20,085	

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, 1954 - 1955, shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
1,024	1,093	41	45	40	78	56	107	77	58	3	44	1,746	1,920
997	931	45	51	40	80	113	106	67	69	3	5	1,773	1,773
1,293		63		99		122		94		39		2,820	
1,217		69		61		109		91		8		2,557	
1,154		47		63		111		78		2		2,635	
1,085		44		44		76		61		6		2,333	
1,012		33		37		52		50		46		2,125	
962		35		21		58		53		5		1,915	
949		26		27		52		71		5		1,793	
802		22		38		57		64		5		1,412	
896		23		46		80		51		6		1,591	
871		36		59		93		57		3		1,595	
12,610	13,990	189	248	111	211	498	903	4,499	6,006	5	65	32,688	37,359
11,346	13,021	282	318	50	191	424	693	4,150	5,212	82	77	29,719	35,500
14,167		249		116		421		4,895		146		40,589	
10,044		274		96		360		5,012		154		34,680	
7,855		243		74		344		3,219		78		26,736	
4,533		214		28		146		3,015		85		15,211	
5,549		136		39		194		3,277		64		18,312	
6,979		144		29		121		3,244		66		20,846	
7,013		92		45		221		3,617		81		22,735	
8,781		116		100		545		4,204		69		28,908	
12,404		185		136		825		4,777		67		37,386	
12,384		237		220		933		5,011		78		36,235	
16,734	19,277	293	430	147	282	1,496	2,428	228	308	4	17	39,650	44,417
15,138	16,652	353	404	189	266	1,595	2,117	215	296	2	27	34,879	39,312
16,916		486		315		1,770		272		11		41,574	
14,431		400		209		1,568		242		60		29,896	
14,098		429		302		1,733		258		9		31,956	
15,513		461		259		1,598		253		617		35,079	
16,065		428		288		1,462		301		52		38,137	
19,269		429		228		1,662		282		13		41,430	
16,068		376		173		1,439		309		20		39,197	
15,058		346		216		1,636		323		30		36,115	
18,450		389		214		2,025		339		23		45,745	
16,282		445		338		2,070		342		30		43,839	
31,891	30,627	1,497	1,263	422	744	1,230	1,620	5,578	6,366	329	415	64,673	63,614
30,660	28,171	1,937	1,728	1,083	1,463	2,221	2,340	5,752	5,496	379	480	65,187	61,467
38,416		2,966		1,829		3,567		7,624		668		89,095	
46,027		3,181		2,209		4,390		7,510		936		94,316	
41,028		3,217		1,839		3,688		8,111		723		94,337	
41,790		2,961		1,011		2,459		8,503		434		97,545	
40,551		2,554		474		1,584		8,181		424		94,187	
39,519		2,430		400		1,368		8,213		393		90,138	
35,408		1,923		372		1,109		7,934		536		83,177	
31,749		1,148		282		1,092		7,247		308		72,568	
34,375		1,361		294		1,406		7,230		355		76,166	
28,748		1,139		365		1,173		6,927		488		64,856	

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, 1954 - 1955, shown in tons. (Continued)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
<u>CHICK STARTER FEEDS</u>										
January	33	10	46	33	677	384	238	127	3,909	1,373
February	5	13	67	55	567	702	237	153	2,810	1,794
March	21		161		665		402		6,007	
April	27		168		392		395		5,465	
May	10		266		290		361		5,705	
June	28		183		182		212		5,106	
July	1		80		68		140		2,991	
August	3		24		35		61		1,716	
September	2		1		34		23		1,122	
October	-		6		30		15		789	
November	2		1		66		24		743	
December	2		18		304		53		779	
<u>BROILER FEEDS</u>										
January	-	-	11	3	54	9	13	43	2,660	1,874
February	18	3	15	11	51	10	84	27	2,336	1,911
March	18		34		62		168		3,047	
April	41		46		44		88		2,271	
May	15		37		106		106		2,496	
June	17		42		68		136		2,540	
July	-		10		57		94		2,601	
August	-		7		34		55		1,988	
September	8		3		29		50		2,054	
October	8		2		29		27		2,137	
November	4		2		23		37		2,478	
December	-		18		27		35		2,256	
<u>GROWING FEEDS</u>										
January	36	20	62	65	532	199	125	85	1,394	916
February	14	42	107	76	809	659	190	109	2,326	1,004
March	84		205		1,285		612		3,738	
April	97		225		1,643		737		4,021	
May	112		565		1,529		1,066		6,522	
June	133		662		1,478		1,327		8,577	
July	25		601		1,089		1,330		9,394	
August	38		531		1,002		1,154		7,628	
September	27		239		565		731		5,157	
October	77		124		284		267		2,427	
November	23		139		131		129		1,712	
December	26		56		194		99		920	
<u>LAYING AND HATCHING FEEDS</u>										
January	257	313	362	459	2,386	2,210	1,128	1,193	8,112	11,399
February	171	506	304	448	1,697	1,939	830	1,025	8,835	9,641
March	289		300		1,682		736		11,663	
April	278		380		1,460		868		8,719	
May	339		414		1,883		697		8,082	
June	221		340		2,067		722		9,124	
July	218		268		2,173		743		9,638	
August	387		276		2,836		856		9,679	
September	570		301		2,826		1,057		11,038	
October	528		214		2,790		1,036		11,613	
November	588		315		2,801		1,040		13,519	
December	349		414		2,492		1,277		13,280	

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, 1954 - 1955, shown in tons. (Continued)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
3,185	1,944	347	233	165	378	238	387	330	261	38	36	9,206	5,166
4,227	2,590	611	558	655	956	1,047	987	489	360	42	59	10,757	8,227
6,262		1,313		980		1,734		800		83		18,428	
9,179		1,340		1,390		2,200		843		98		21,497	
6,021		1,156		941		1,261		571		89		16,671	
3,833		1,014		365		514		377		55		11,869	
1,687		675		72		156		156		64		6,090	
702		639		47		109		109		46		3,491	
408		429		4		4		112		51		2,190	
349		206		1		5		92		27		1,520	
560		192		25		67		112		38		1,830	
766		147		11		6		129		69		2,284	
6,507	5,350	136	33	2	18	65	49	661	805	43	52	10,152	8,236
5,409	5,022	172	87	5	5	111	83	590	543	55	64	8,846	7,766
6,620		130		-		202		733		37		11,051	
6,466		121		2		35		646		59		9,819	
6,703		171		8		190		671		57		10,560	
5,269		133		8		147		745		55		9,160	
5,222		118		7		117		921		67		9,214	
5,263		113		8		122		884		57		8,531	
5,045		130		-		67		960		70		8,416	
4,733		25		10		36		867		43		7,917	
4,533		92		6		74		887		36		8,172	
4,282		18		-		39		847		64		7,586	
3,296	2,845	83	85	10	11	35	67	286	370	102	112	5,961	4,775
4,401	2,984	101	115	48	62	106	115	428	384	98	143	8,628	5,693
8,041		188		164		340		1,118		252		16,027	
10,358		336		202		738		1,430		357		20,144	
13,188		340		253		999		2,033		307		26,914	
15,168		317		220		835		2,396		126		31,239	
13,654		273		108		538		1,527		108		28,647	
10,931		210		62		411		1,477		135		23,579	
6,933		147		56		196		1,118		174		15,343	
4,367		110		6		126		850		73		8,711	
3,628		157		12		81		792		106		6,910	
2,872		88		4		47		749		93		5,148	
16,919	17,941	671	745	150	250	802	944	4,117	4,611	143	212	35,047	40,277
14,902	15,211	748	722	129	197	700	790	3,980	4,006	182	209	32,478	34,694
15,046		721		194		792		4,419		291		36,133	
11,454		743		132		532		4,082		414		29,062	
11,286		589		105		520		3,922		261		28,098	
12,285		559		120		424		3,781		190		29,833	
12,999		540		104		452		3,947		174		31,256	
14,985		612		120		476		4,172		153		34,552	
14,918		612		211		605		4,159		237		36,534	
15,225		617		156		742		4,169		163		37,253	
18,821		701		200		933		4,264		169		43,351	
16,937		745		293		838		4,326		259		41,210	



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, 1954 - 1955, shown in tons. (Concluded)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
<u>FATTENING AND FINISHING FEEDS</u>										
January	-	-	4	2	5	22	7	20	134	201
February	-	-	1	-	13	2	7	8	332	135
March	-	-	4	-	17	-	26	-	416	-
April	20	-	-	-	17	-	21	-	277	-
May	-	-	1	-	17	-	22	-	437	-
June	-	-	2	-	26	-	73	-	703	-
July	-	-	17	-	23	-	79	-	856	-
August	-	-	18	-	38	-	154	-	945	-
September	-	-	24	-	65	-	212	-	1,203	-
October	-	-	33	-	85	-	134	-	1,160	-
November	-	-	32	-	32	-	79	-	1,368	-
December	-	-	13	-	76	-	116	-	663	-
<u>TURKEY FEEDS</u>										
January	8	6	6	57	37	9	19	31	451	1,002
February	2	15	32	5	20	19	14	14	448	1,011
March	2	-	15	-	97	-	52	-	996	-
April	20	-	33	-	88	-	99	-	1,447	-
May	44	-	94	-	211	-	481	-	3,221	-
June	34	-	64	-	278	-	315	-	5,095	-
July	24	-	161	-	266	-	455	-	6,524	-
August	30	-	164	-	392	-	533	-	6,747	-
September	33	-	221	-	424	-	594	-	6,820	-
October	28	-	207	-	263	-	508	-	5,481	-
November	14	-	253	-	203	-	450	-	4,495	-
December	6	-	40	-	48	-	89	-	1,691	-
<u>OTHER POULTRY FEEDS</u>										
January	62	6	40	9	59	105	66	25	793	369
February	24	3	40	13	34	21	37	20	678	395
March	54	-	59	-	78	-	62	-	968	-
April	3	-	13	-	25	-	51	-	584	-
May	15	-	10	-	17	-	37	-	523	-
June	6	-	2	-	12	-	39	-	573	-
July	1	-	8	-	7	-	58	-	419	-
August	2	-	13	-	18	-	39	-	410	-
September	9	-	12	-	13	-	52	-	376	-
October	16	-	6	-	32	-	24	-	362	-
November	19	-	4	-	34	-	10	-	375	-
December	28	-	15	-	92	-	44	-	496	-
<u>TOTAL ALL FEEDS</u>										
January	1,077	932	2,847	3,130	7,510	6,952	4,335	4,713	43,986	44,958
February	931	1,332	2,720	3,149	6,212	7,415	3,796	4,352	40,776	41,610
March	1,018	-	3,100	-	7,801	-	4,959	-	60,656	-
April	1,509	-	2,912	-	7,370	-	4,899	-	46,101	-
May	896	-	3,633	-	6,991	-	5,041	-	50,400	-
June	791	-	3,192	-	5,817	-	4,237	-	50,935	-
July	588	-	3,364	-	5,511	-	4,526	-	55,919	-
August	889	-	3,229	-	6,947	-	5,003	-	52,336	-
September	1,064	-	3,146	-	6,851	-	5,239	-	52,736	-
October	1,370	-	2,614	-	6,839	-	4,529	-	49,413	-
November	1,605	-	3,153	-	7,090	-	4,790	-	58,293	-
December	1,009	-	3,232	-	7,514	-	5,103	-	51,338	-



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, 1954 - 1955, shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
344	301	18	31	1	-	9	15	56	36	-	-	578	628
189	292	16	24	4	-	12	12	69	17	-	2	643	492
314		83		1		103		62		-		1,026	
6,144		78		4		23		54		4		6,642	
381		159		5		30		63		6		1,121	
441		159		-		10		54		5		1,473	
589		121		9		31		78		7		1,810	
749		121		31		37		89		2		2,184	
1,088		112		8		39		94		2		2,847	
1,253		33		31		39		95		-		2,863	
1,501		46		1		62		133		-		3,254	
801		28		9		39		62		-		1,807	
757	1,548	229	125	90	78	51	71	120	200	-	3	1,768	3,130
659	1,492	277	214	240	242	207	200	174	128	1	3	2,074	3,343
1,116		522		482		381		462		2		4,127	
1,612		553		477		844		425		3		5,601	
2,709		778		525		663		801		2		9,529	
4,021		761		296		503		1,105		2		12,474	
5,706		805		168		260		1,508		3		15,880	
6,133		725		122		187		1,453		2		16,488	
6,260		487		88		143		1,446		2		16,518	
5,127		154		72		80		1,138		2		13,060	
4,732		161		46		122		1,006		2		11,484	
2,415		105		35		39		767		3		5,238	
883	698	13	11	4	9	30	87	8	83	3	-	1,961	1,402
873	580	12	8	2	1	38	153	22	58	1	-	1,761	1,252
1,017		9		8		15		30		3		2,303	
814		10		2		18		30		1		1,551	
740		24		2		25		50		1		1,444	
773		18		2		26		45		1		1,497	
694		22		6		30		44		1		1,290	
756		10		10		26		29		-		1,313	
756		6		5		55		45		-		1,329	
695		3		6		64		36		-		1,244	
600		12		4		67		36		4		1,165	
675		8		13		165		47		-		1,583	
62,259	64,987	2,020	1,986	720	1,315	3,280	5,058	10,382	12,738	341	541	138,757	147,310
58,141	58,775	2,617	2,501	1,362	2,000	4,353	5,256	10,184	11,073	466	589	131,558	138,052
70,792		3,764		2,359		5,880		12,885		864		174,078	
71,719		3,924		2,575		6,427		12,855		1,158		161,449	
64,135		3,936		2,278		5,876		11,666		812		155,664	
62,921		3,680		1,342		4,279		11,832		1,142		150,168	
63,177		3,151		838		3,292		11,809		586		152,761	
66,729		3,038		678		3,209		11,792		479		154,329	
59,438		2,417		617		2,821		11,931		642		146,902	
56,390		1,632		636		3,330		11,838		412		139,003	
66,125		1,958		690		4,336		12,397		451		160,888	
58,285		1,857		982		4,269		12,337		599		146,525	

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, 1954 - 1955, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
<u>DOG AND CAT FOODS TOTAL</u>										
January	2	6	14	11	151	57	90	22	469	162
February	2	3	14	13	183	82	70	38	562	194
March	8		4		165		81		888	
April	8		16		171		83		488	
May	9		24		187		100		449	
June	2		11		183		82		439	
July	3		24		195		78		429	
August	10		24		179		88		458	
September	10		16		64		30		176	
October	7		14		64		30		167	
November	6		12		60		31		135	
December	13		25		76		45		160	
<u>CANNED</u>										
January	1	1	11	2	123	31	75	8	405	107
February	-	3	7	5	159	61	59	21	477	147
March	7		2		140		70		818	
April	6		6		149		72		433	
May	3		10		164		89		387	
June	2		5		159		69		388	
July	2		4		170		68		374	
August	8		5		156		74		396	
September	8		5		39		17		121	
October	4		5		39		17		112	
November	3		5		29		13		71	
December	12		11		51		35		101	
<u>BISCUITS</u>										
January	-	1	1	-	3	2	1	1	20	9
February	-	-	1	-	1	2	1	1	14	12
March	-		1		4		1		28	
April	-		1		5		2		19	
May	-		1		6		1		28	
June	-		2		5		1		13	
July	-		15		4		2		16	
August	-		2		4		1		20	
September	-		1		-		-		8	
October	-		1		1		-		9	
November	-		1		2		1		17	
December	1		1		3		1		10	
<u>OTHER (MEALS, ETC.)</u>										
January	1	4	2	9	25	24	14	13	44	46
February	2	-	6	8	23	19	10	16	71	35
March	1		1		21		10		42	
April	2		9		17		9		36	
May	6		13		17		10		34	
June	-		4		19		12		38	
July	1		5		21		8		39	
August	2		17		19		13		42	
September	2		10		25		13		47	
October	3		8		24		13		46	
November	3		6		29		17		47	
December	-		13		22		9		49	

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, 1954 - 1955, 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>	
1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
2,088	2,265	126	204	93	77	248	251	730	713	58	50	4,069	3,818
1,878	2,357	146	242	102	124	241	415	728	922	263	42	4,189	4,432
2,445		127		83		343		684		41		4,869	
3,253		148		61		204		558		34		5,024	
2,760		143		78		254		587		72		4,663	
2,878		203		100		298		998		56		5,250	
2,800		188		96		273		579		26		4,691	
2,875		191		87		193		790		45		4,940	
2,559		279		157		361		847		30		4,529	
2,658		155		128		290		608		33		4,154	
2,403		144		107		294		821		48		4,061	
2,532		65		97		217		822		30		4,082	
1,590	1,808	101	187	72	56	205	193	457	457	58	47	3,098	2,897
1,476	1,881	128	215	88	97	211	338	484	578	260	37	3,349	3,383
2,000		110		64		298		440		35		3,984	
2,856		133		51		143		322		26		4,197	
2,261		128		58		187		374		59		3,720	
2,472		171		80		248		698		51		4,343	
2,389		153		69		222		342		24		3,817	
2,417		156		41		143		543		42		3,981	
1,988		220		128		289		539		24		3,378	
2,002		137		102		224		306		30		2,978	
1,814		123		87		236		510		42		2,933	
2,019		47		81		161		561		24		3,103	
200	238	6	5	2	2	3	8	55	51	-	-	291	317
175	211	6	5	2	2	3	8	57	44	-	-	260	285
210		4		2		11		50		-		311	
181		4		2		29		53		-		296	
224		3		1		6		41		-		311	
177		5		3		7		57		-		270	
177		4		1		6		50		-		275	
194		5		2		8		47		-		283	
239		6		4		12		57		-		327	
297		4		2		8		56		-		378	
300		5		2		9		93		1		431	
263		6		3		7		40		-		335	
298	219	19	12	19	19	40	50	218	205	-	3	680	604
227	265	12	22	12	25	27	69	187	300	3	5	580	764
235		13		17		34		194		6		574	
216		11		8		32		183		8		531	
275		12		19		61		172		13		632	
229		27		17		43		243		5		637	
234		31		26		45		187		2		599	
264		30		44		42		200		3		676	
332		53		25		60		251		6		824	
359		14		24		58		246		3		798	
289		16		18		49		218		5		697	
250		12		13		49		221		6		644	

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, 1954 - 1955, shown in tons. (Continued)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
<u>MINERAL MIXTURES</u>										
January	-	-	11	10	14	14	4	7	230	214
February	1	-	11	9	15	8	5	6	243	199
March	-	-	2		12		6		290	
April	-		8		24		1		212	
May	1		3		24		2		176	
June	-		3		20		-		170	
July	-		4		2		2		176	
August	-		5		5		1		194	
September	-		5		3		5		148	
October	-		4		5		8		172	
November	-		5		6		7		287	
December	1		7		17		5		238	
<u>FOX AND MINK FOODS</u>										
January	1	22	27	6	12	11	11	10	80	70
February	10	-	8	8	2	8	6	4	42	57
March	-		6		14		5		65	
April	1		15		9		4		58	
May	-		18		15		7		74	
June	-		30		24		13		91	
July	8		23		21		38		160	
August	11		52		26		28		165	
September	26		44		36		26		176	
October	9		32		37		26		170	
November	6		39		32		28		144	
December	12		12		17		9		84	
<u>SCRATCH FEEDS</u>										
January	267	436	11	7	1,490	1,659	643	606	1,722	1,695
February	173	483	14	17	1,396	1,419	435	562	1,243	1,661
March	408		13		1,531		582		2,864	
April	449		9		1,853		547		1,891	
May	355		17		1,894		646		1,961	
June	329		23		2,112		605		2,876	
July	237		10		1,896		696		3,023	
August	392		34		2,232		885		3,208	
September	611		23		2,242		930		2,866	
October	611		7		2,004		714		2,637	
November	459		6		1,893		608		2,350	
December	406		7		1,847		723		1,975	
<u>ALL OTHER ANIMAL FOODS</u>										
January	9	21	5	12	129	270	22	36	150	253
February	15	18	4	19	300	327	29	31	80	215
March	12		7		220		28		173	
April	47		6		266		34		165	
May	17		7		108		37		461	
June	8		10		356		14		495	
July	1		16		206		23		508	
August	12		9		116		24		223	
September	5		5		207		24		237	
October	13		3		153		19		259	
November	32		4		176		17		220	
December	27		3		202		34		249	

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, 1954 - 1955, shown in tons. (Continued)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
273	400	27	39	24	74	168	189	15	10	-	-	766	957
235	348	29	27	26	41	141	179	21	13	-	-	727	830
259		24		23		111		12		-		739	
209		20		10		80		7		-		571	
210		129		26		82		14		-		667	
220		126		12		55		7		-		613	
183		127		3		44		4		-		545	
190		125		15		113		6		-		654	
204		129		25		88		-		-		607	
189		22		11		107		9		-		527	
325		20		53		177		14		-		894	
304		34		52		173		6		-		837	
120	131	116	135	3	3	29	15	19	32	-	-	418	435
103	141	111	111	3	1	24	15	16	22	-	-	325	367
103		112		17		32		29		-		383	
105		112		3		29		21		-		357	
132		3		5		29		20		-		303	
188		5		8		40		45		-		444	
317		16		16		62		81		-		742	
310		47		47		169		107		-		962	
338		44		22		52		80		-		844	
337		153		8		67		70		-		909	
320		147		11		37		78		-		842	
147		111		4		19		34		-		449	
1,091	1,176	13	48	4	3	11	11	501	498	212	206	5,965	6,345
1,088	1,122	43	43	11	11	61	43	528	523	141	199	5,133	6,083
1,339		65		27		115		667		268		7,699	
1,243		40		23		129		642		156		6,982	
1,322		114		10		99		913		244		7,575	
1,444		99		9		64		937		622		9,120	
1,538		115		-		27		870		126		8,538	
1,776		118		20		38		893		165		9,761	
2,085		28		3		27		669		125		9,609	
1,514		16		1		7		679		304		8,494	
1,659		57		1		18		626		196		7,873	
1,485		14		21		10		653		131		7,272	
1,075	1,007	146	180	1	16	1	4	79	97	3	4	1,620	1,900
996	1,038	130	125	3	4	1	5	59	83	5	2	1,622	1,867
1,202		162		2		4		71		8		1,889	
755		263		94		129		148		10		1,927	
444		126		36		4		66		15		1,321	
531		220		12		5		49		13		1,713	
515		186		5		2		104		5		1,571	
836		189		4		4		115		34		1,566	
643		17		50		9		112		8		1,317	
703		127		32		6		78		24		1,417	
1,222		255		26		6		78		5		2,041	
1,012		243		16		10		66		2		1,864	



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, 1954 - 1955, shown in tons. (Concluded)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
<u>CHOPPED, GROUND OR CRUSHED FEEDS</u>										
January	94	202	97	50	3,049	3,920	929	824	6,696	3,704
February	144	191	101	58	3,654	2,984	1,595	785	6,703	2,581
March	259		65		2,948		1,300		11,045	
April	331		112		3,611		1,055		8,107	
May	119		90		2,927		1,235		8,964	
June	155		101		2,495		612		7,168	
July	90		76		3,478		1,314		9,997	
August	148		61		3,593		1,084		9,140	
September	310		83		2,146		950		7,117	
October	281		108		2,858		1,181		6,383	
November	328		40		3,265		1,091		6,574	
December	155		79		3,434		1,156		2,696	

FACTORS USED IN CONVERTING CONCENTRATES TO FINISHED FEEDS

	<u>Shipped to or sold in</u>										
	<u>Newfoundland</u>	<u>Prince Edward Island</u>	<u>Nova Scotia</u>	<u>New Brunswick</u>	<u>Quebec</u>	<u>Ontario</u>	<u>Manitoba</u>	<u>Saskatchewan</u>	<u>Alberta</u>	<u>British Columbia</u>	<u>Export</u>
<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 Concentrates .....	.647	.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 Concentrates .....	.500	.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, 1954 - 1955, 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>	
1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955	1954	1955
9,644	5,659	212	526	324	54	166	677	8,125	10,235	5,886	1,912	35,222	27,763
6,790	6,689	346	248	320	115	194	392	9,191	8,554	3,456	1,728	32,494	24,325
8,417		522		364		407		13,568		5,440		44,335	
11,477		194		367		1,274		12,784		4,216		43,528	
10,469		580		349		587		6,966		4,075		36,361	
8,996		464		374		443		9,000		3,128		32,936	
10,368		616		421		223		8,647		2,956		38,186	
9,626		745		403		198		12,773		2,826		40,597	
8,208		158		97		277		10,408		2,030		31,784	
7,427		148		137		346		10,462		2,491		31,822	
6,350		259		40		230		10,631		2,394		31,202	
6,782		241		547		320		10,778		1,976		28,164	

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, 1954 1,360 tons of Dairy and Cattle concentrates, of which 321 tons were used or sold directly for use to the farmer and other such consumers. In other words, 1,039 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 1,039 tons of Dairy and Cattle concentrates, we make use of the conversion factor as follows:

$$1,039 \times 6.0 = 6,234 \text{ tons of Dairy and Cattle Feeds.}$$

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 9,687 tons. The summary would appear as follows:

Total shipments =	9,687 tons
Shipments by secondary manufacturers (1) =	6,234 tons
Shipments by manufacturers (2) =	3,453 tons

In order to access 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 (9,687 tons) by 6.0 and add 321 tons of concentrates moving out of the industry thus:

$$\frac{9,687}{6.0} = 1,615 + 363 = 1,978 \text{ tons}$$

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 access their share of the finished commodity by determining, in the following manner, the total supply of finished feeds:

Total commercial feeds shipped	9,687 tons (see page 10)
Estimated feeds produced from concentrates sold outside the industry from which would be	321 x 6.0 = 1,926 tons (see page 4)
Total supply of finished feeds used as finished feeds or in the form of concentrates	<u>11,613 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.

STATISTICS CANADA LIBRARY  
BIBLIOTHÈQUE STATISTIQUE CANADA



1010648393