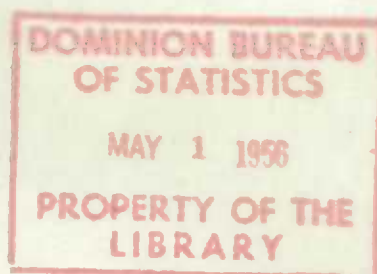


82-004



SHIPMENTS OF
PREPARED STOCK AND POULTRY FEEDS
FEBRUARY, 1956



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

6513-504-26

Price: 25 cents

Vol. X—2

DOMINION BUREAU
OF STATISTICS
MAY 1 1952
PROPERTY OF THE
LIBRARY

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 1954 together with an estimate of production for the calendar year 1955 and as well the production for the current month in 1955 and 1956 with cumulative totals for 1955 and 1956.

Table 2 shows the 1956 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 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 1954 together with estimated comparable data for 1955. Current monthly production accompanied by cumulative totals for 1955 and 1956 reported in columns (3), (4), (5), and (6) respectively.

	1954 Total Production (Annual)	ESTIMATED				
		1955 Total Production	February 1955	February 1956	Cumulative 1955	Cumulative 1956
	Ton	Ton	Ton	Ton	Ton	Ton
"A" PRIMARY OR CONCENTRATED FEEDS						
Calf Concentrates	2,325	1,784	157	122	313	247
Dairy and Cattle Concentrates	52,685	63,290	5,689	7,214	11,660	14,761
Swine Concentrates	78,492	86,923	6,982	7,590	15,013	16,224
Poultry Concentrates Total	125,003	121,180	8,978	10,005	18,808	19,954
Chick Starter	9,948	8,682	810	930	1,364	1,554
Broiler	10,124	10,546	715	1,129	1,510	2,156
Growing	26,690	22,155	878	1,093	1,704	2,041
Laying and Hatching	68,951	70,125	6,178	6,326	13,463	13,232
Fattening and Finishing	854	995	17	29	45	65
Turkey	5,734	5,783	164	314	245	473
Other Poultry	2,702	2,894	216	184	477	433
Total All Concentrates	258,505	273,177	21,806	24,931	45,794	51,186
"B" SECONDARY OR COMPLETE FEEDS						
Calf Feeds	24,366	21,153	1,633	1,721	3,417	3,390
Dairy and Cattle Feeds	346,457	369,991	32,638	39,249	67,077	78,219
Swine Feeds	457,793	476,403	36,958	40,898	78,821	87,354
Poultry Feeds Total	980,309	887,232	59,051	69,152	120,631	136,267
Chick Starter	103,814	83,608	8,068	10,221	13,134	16,343
Broiler	109,437	119,918	7,336	12,831	15,198	25,488
Growing	197,576	148,528	5,386	6,803	9,980	12,170
Laying and Hatching	416,487	399,767	33,476	34,578	72,573	73,174
Fattening and Finishing	20,297	17,417	492	500	1,120	1,107
Turkey	114,281	98,875	3,160	2,695	6,094	4,704
Other Poultry	18,417	19,119	1,133	1,524	2,532	3,281
Total All Complete Feeds	1,808,925	1,754,779	130,280	151,020	269,946	305,230
"C" ALL OTHER ANIMAL FEEDS						
Dog and Cat Foods	54,521	54,474	4,418	4,870	8,219	9,178
Canned	42,881	42,120	3,383	3,824	6,280	7,145
Biscuits	3,768	3,845	285	331	602	629
Other (Meals, etc.)	7,872	8,509	750	715	1,337	1,404
Mineral Mixtures	7,647	8,261	829	844	1,783	1,808
Fox and Mink Foods	7,478	8,228	333	344	717	772
Scratch Feeds	94,021	85,393	6,040	5,631	12,340	11,529
Other Animal Feeds	19,858	18,395	1,841	1,105	3,712	2,232
Chopped, Ground or Crushed Grain Feeds	426,631	379,648	24,325	35,654	52,088	73,545
Total Section "C"	610,156	554,399	37,786	48,448	78,859	99,064

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1956, showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

[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, 1956, 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)
70	9	2	-	2	-	11	3	11	4	-	-	125	20
68	9	5	1	1	-	10	3	-	-	-	-	122	19
5,077	2,970	85	62	114	89	454	320	36	35	-	-	7,547	3,989
5,076	2,969	76	56	111	87	386	272	28	27	-	-	7,214	3,841
4,973	2,586	209	160	120	90	704	514	9	8	-	-	8,634	3,931
4,685	2,436	143	110	102	76	603	440	12	10	-	-	7,590	3,514
5,660	2,030	709	511	296	238	912	679	30	17	2	1	9,949	3,843
5,520	1,902	813	555	452	368	990	688	29	14	2	1	10,005	3,851

CHICK STARTER CONCENTRATES (3.3)

BROILER CONCENTRATES (3.3)

GROWING CONCENTRATES (5.0)

LAYING AND HATCHING CONCENTRATES (5.0)

[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, 1956, showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Continued)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
261	25	84	23	25	3	51	2	10	-	-	-	624	78
385	37	125	34	35	5	93	3	14	-	-	-	930	108
625	20	14	7	-	-	27	4	-	-	-	-	1,027	34
640	20	54	28	1	1	48	7	-	-	-	-	1,129	61
745	204	12	9	18	15	21	15	3	2	-	-	948	283
762	209	20	16	57	47	64	47	-	-	-	-	1,093	368
3,814	1,671	563	447	207	189	784	638	17	15	2	1	6,906	3,229
3,508	1,537	492	391	310	282	725	590	12	11	2	1	6,326	3,035

[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, 1956, showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
8	3	-	-	-	-	3	2	-	-	-	-	36	8
6	2	-	-	-	-	5	3	-	-	-	-	29	7
24	3	36	25	43	28	25	18	-	-	-	-	159	75
61	7	122	86	48	32	52	38	-	-	-	-	314	164
183	104	-	-	3	3	1	-	-	-	-	-	249	136
158	90	-	-	1	1	3	-	3	3	-	-	184	108
15,780	7,595	1,005	733	532	417	2,081	1,516	86	64	2	1	26,255	11,783
15,349	7,316	1,037	722	666	531	1,989	1,403	69	51	2	1	24,931	11,225

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, 1955 - 1956, shown in tons.

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick		Quebec	
	1955*	1956	1955*	1956	1955*	1956	1955*	1956	1955*	1956
CALF FEEDS										
January	3	1	17	25	51	56	43	35	278	291
February	2	9	27	18	44	52	31	39	318	264
March	11		35		58		56		460	
April	7		46		67		71		526	
May	6		61		56		63		588	
June	7		72		54		55		544	
July	3		68		43		46		413	
August	6		69		60		48		312	
September	8		37		41		34		226	
October	14		24		52		45		194	
November	9		26		52		45		220	
December	7		20		56		30		236	
DAIRY AND CATTLE FEEDS										
January	375	468	564	540	2,753	3,124	1,599	1,824	8,266	9,086
February	458	415	575	609	2,981	2,945	1,629	1,596	8,001	8,624
March	338		717		3,018		2,064		11,625	
April	501		737		2,938		1,999		11,430	
May	186		575		2,190		1,728		9,154	
June	376		252		924		579		4,421	
July	144		210		980		700		6,948	
August	297		385		1,865		1,126		7,907	
September	309		411		1,440		1,029		6,817	
October	471		328		2,670		1,317		9,857	
November	667		547		3,111		1,920		12,197	
December	492		618		3,144		1,719		10,781	
SWINE FEEDS										
January	13	16	1,469	1,420	793	895	1,204	1,233	16,049	18,720
February	13	31	1,463	1,377	700	603	1,027	1,005	14,360	15,266
March	20		1,366		687		1,042		15,187	
April	31		1,158		668		912		13,624	
May	18		1,276		592		910		11,004	
June	40		1,200		607		802		12,390	
July	36		1,333		631		904		13,864	
August	73		1,668		905		1,288		16,121	
September	63		2,011		891		1,270		16,910	
October	65		1,312		866		1,270		18,839	
November	74		1,549		842		1,280		19,104	
December	4		1,393		844		1,225		21,085	
POULTRY FEEDS TOTAL										
January	299	368	520	668	2,888	3,862	1,440	1,676	16,030	16,459
February	432	322	541	512	3,254	3,927	1,260	1,414	14,534	15,822
March	367		571		3,551		1,801		18,355	
April	383		885		3,407		1,732		18,932	
May	415		995		4,037		2,207		20,826	
June	375		926		3,829		2,367		22,316	
July	324		933		3,824		2,054		22,919	
August	401		791		4,189		2,199		22,444	
September	401		721		3,858		2,004		22,835	
October	544		511		3,809		2,042		21,172	
November	743		670		3,766		1,720		18,855	
December	337		447		3,250		1,478		17,821	

* Revised.

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, 1955 - 1956, shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1955*	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955*	1956	1955*	1956
1,062	982	45	50	78	52	107	91	58	86	42	-	1,784	1,669
902	1,065	51	50	80	77	106	87	69	54	3	6	1,633	1,721
1,118		52		70		124		71		4		2,059	
1,170		51		75		91		85		2		2,191	
1,160		49		69		115		71		41		2,279	
1,075		40		65		74		47		5		2,038	
882		29		31		66		63		4		1,648	
893		26		42		59		64		5		1,584	
815		28		27		80		133		4		1,433	
847		36		44		80		70		3		1,409	
943		52		43		98		68		7		1,563	
917		43		58		86		78		1		1,532	
13,454	16,255	248	308	211	169	903	1,053	6,006	6,127	60	16	34,439	38,970
12,514	16,514	318	327	191	166	693	835	5,212	7,205	66	13	32,638	39,249
14,521		343		170		621		5,629		65		39,111	
13,288		227		160		465		5,191		59		36,995	
7,596		162		108		495		3,699		56		25,949	
5,367		139		87		279		3,308		63		15,795	
6,851		142		76		236		3,487		64		19,838	
9,232		131		48		264		3,596		13		24,864	
8,838		264		120		412		4,012		11		23,663	
12,368		193		216		728		4,537		8		32,693	
17,061		323		247		786		5,438		10		42,307	
17,338		339		155		996		6,110		7		41,699	
18,873	21,648	430	492	282	239	2,428	1,483	308	298	14	12	41,863	46,456
16,293	20,377	404	345	266	251	2,117	1,293	296	329	19	21	36,958	40,898
16,637		407		263		1,808		339		14		37,770	
14,842		409		245		1,282		274		31		33,476	
14,507		472		284		1,911		239		290		31,503	
15,946		499		427		1,764		301		14		33,990	
15,889		547		270		1,546		366		36		35,422	
18,051		474		251		1,720		406		8		40,965	
18,743		553		314		1,510		461		6		42,732	
20,348		459		370		1,691		426		8		45,654	
21,433		622		362		1,538		438		12		47,254	
21,689		483		210		1,424		449		10		48,816	
30,113	33,420	1,263	1,328	744	617	1,620	1,830	6,366	6,737	297	150	61,580	67,115
27,688	33,619	1,728	1,888	1,463	1,828	2,340	2,838	5,496	6,646	315	336	59,051	69,152
32,198		1,978		1,810		3,264		6,595		394		70,884	
34,087		2,238		2,141		3,383		7,260		403		74,851	
37,999		2,422		2,184		3,730		8,001		590		83,406	
40,420		2,319		1,486		2,516		8,765		452		85,771	
37,317		2,222		419		1,522		8,717		345		80,596	
36,957		1,797		486		1,588		8,963		327		80,142	
36,389		1,753		359		1,278		8,114		264		77,976	
35,738		1,309		353		1,265		7,633		270		74,646	
35,327		1,561		370		1,514		7,327		329		72,182	
32,871		1,242		524		1,363		6,706		108		66,147	

* Revised.

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, 1955 - 1956, shown in tons. (Continued)

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1955*	1956	1955*	1956	1955*	1956	1955*	1956	1955*	1956
<u>CHICK STARTER FEEDS</u>										
January	10	11	30	31	374	455	118	139	1,329	1,590
February	10	10	54	48	692	493	142	206	1,717	2,198
March	26		90		421		332		3,309	
April	12		151		339		308		3,990	
May	22		219		359		309		4,500	
June	7		146		256		280		3,496	
July	2		65		102		86		2,620	
August	1		16		58		38		1,832	
September	3		2		25		22		1,131	
October	3		1		28		28		899	
November	3		-		52		25		871	
December	7		8		179		64		1,121	
<u>BROILER FEEDS</u>										
January	-	-	3	11	8	35	31	28	1,684	3,843
February	3	-	9	13	10	69	18	61	1,647	3,559
March	4		5		33		48		2,150	
April	1		19		60		65		2,369	
May	5		16		76		90		2,746	
June	1		52		88		84		2,983	
July	-		15		53		69		3,158	
August	-		10		56		57		3,417	
September	-		5		37		44		3,488	
October	-		10		34		38		2,865	
November	-		4		41		41		2,947	
December	-		4		32		30		3,653	
<u>GROWING FEEDS</u>										
January	10	19	59	70	188	221	75	103	848	836
February	27	17	74	56	609	647	102	140	864	1,012
March	26		86		1,097		273		1,543	
April	94		198		1,150		416		1,888	
May	98		291		1,424		744		3,770	
June	29		419		1,242		902		5,036	
July	44		453		1,076		889		5,281	
August	45		390		968		769		5,113	
September	14		228		605		505		3,706	
October	11		94		286		292		2,436	
November	1		93		198		124		1,302	
December	4		69		100		85		909	
<u>LAYING AND HATCHING FEEDS</u>										
January	273	328	386	513	2,183	3,066	1,150	1,195	10,715	9,029
February	383	293	386	382	1,903	2,649	957	937	9,017	7,961
March	304		367		1,906		1,013		10,119	
April	265		502		1,722		792		9,315	
May	271		426		1,968		797		6,972	
June	324		260		1,952		704		6,849	
July	263		267		2,228		712		7,194	
August	330		262		2,728		851		6,545	
September	348		312		2,756		939		8,313	
October	525		197		3,068		1,050		9,806	
November	707		371		3,180		1,058		9,474	
December	321		309		2,791		1,093		10,384	

* Revised

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, 1955 - 1956, shown in tons. (Continued)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1955*	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955*	1956	1955*	1956
1,922	2,294	233	365	378	305	387	579	261	342	24	11	5,066	6,122
2,553	3,378	558	813	956	1,129	987	1,312	360	597	39	37	8,068	10,221
4,811		785		995		1,575		519		37		12,900	
5,882		878		1,294		1,571		694		45		15,164	
5,822		710		1,065		1,281		544		50		14,881	
4,012		541		592		540		421		49		10,340	
1,656		165		28		51		175		50		5,000	
635		119		57		47		114		25		2,942	
396		153		39		123		108		19		2,021	
528		136		39		7		116		16		1,801	
838		283		3		115		180		36		2,406	
1,211		84		106		45		183		11		3,019	
5,193	7,773	33	66	18	1	49	97	805	783	38	20	7,862	12,657
4,889	7,787	87	125	5	8	83	182	543	1,004	42	23	7,336	12,831
5,298		37		18		65		743		46		8,447	
5,569		85		40		118		826		36		9,188	
6,296		120		11		123		923		33		10,439	
6,947		65		6		147		1,002		30		11,405	
6,604		107		12		125		895		41		11,079	
5,362		53		11		176		874		44		10,060	
6,989		56		11		110		921		33		11,694	
6,456		39		1		64		864		47		10,418	
6,237		95		1		121		884		40		10,411	
6,867		91		-		83		804		15		11,579	
2,812	3,494	85	59	11	30	67	59	370	425	69	51	4,594	5,367
2,946	4,032	115	113	62	114	115	154	384	419	88	99	5,386	6,803
4,695		133		91		374		671		148		9,137	
7,232		196		144		573		1,062		138		13,091	
10,130		313		293		931		1,614		164		19,772	
12,323		515		199		736		1,858		241		23,500	
11,339		415		73		483		1,772		94		21,919	
9,951		274		64		339		1,422		104		19,439	
6,917		147		10		140		774		75		13,121	
4,486		90		5		45		459		69		8,273	
3,438		75		3		24		319		99		5,676	
3,130		10		12		13		263		25		4,620	
17,677	17,839	745	748	250	148	944	934	4,611	4,733	163	63	39,097	38,596
14,974	16,264	722	628	197	196	790	876	4,006	4,218	141	174	33,476	34,578
15,566		716		164		739		4,285		157		35,336	
13,128		590		155		507		3,999		179		31,154	
11,752		624		110		623		3,944		135		27,622	
11,261		371		138		445		3,884		126		26,314	
11,011		498		96		421		3,912		150		26,752	
12,862		561		119		562		4,245		144		29,209	
13,425		694		127		632		4,290		130		31,966	
16,852		713		199		834		4,487		129		37,860	
18,653		855		238		974		4,653		145		40,308	
18,575		925		268		1,028		4,928		51		40,673	

* Revised.

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, 1955 - 1956, shown in tons. (Concluded)

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick		Quebec	
	1955*	1956	1955*	1956	1955*	1956	1955*	1956	1955*	1956
<u>FATTENING AND FINISHING FEEDS</u>										
January	-	-	2	2	22	5	20	4	201	273
February	-	-	-	1	2	6	8	17	135	268
March	-	-	-	-	7	-	16	-	200	-
April	-	-	-	-	7	-	4	-	274	-
May	-	-	5	-	23	-	31	-	469	-
June	-	-	2	-	10	-	39	-	644	-
July	3	-	11	-	11	-	78	-	973	-
August	-	-	20	-	44	-	92	-	775	-
September	-	-	45	-	68	-	101	-	1,047	-
October	4	-	31	-	70	-	143	-	1,156	-
November	-	-	85	-	58	-	167	-	1,148	-
December	-	-	22	-	32	-	53	-	518	-
<u>TURKEY FEEDS</u>										
January	3	8	31	25	8	32	21	34	884	448
February	6	2	5	8	17	24	13	17	878	406
March	6	-	15	-	33	-	59	-	660	-
April	11	-	8	-	82	-	61	-	881	-
May	19	-	26	-	125	-	169	-	2,084	-
June	13	-	43	-	218	-	314	-	2,971	-
July	9	-	121	-	331	-	196	-	3,358	-
August	19	-	86	-	300	-	339	-	4,384	-
September	32	-	117	-	334	-	348	-	4,749	-
October	-	-	161	-	260	-	426	-	3,622	-
November	29	-	105	-	179	-	257	-	2,615	-
December	5	-	24	-	28	-	32	-	816	-
<u>OTHER POULTRY FEEDS</u>										
January	3	2	9	16	105	48	25	173	369	440
February	3	-	13	4	21	39	20	36	276	418
March	1	-	8	-	54	-	60	-	374	-
April	-	-	7	-	47	-	86	-	215	-
May	-	-	12	-	62	-	67	-	285	-
June	1	-	4	-	63	-	44	-	337	-
July	3	-	1	-	23	-	24	-	335	-
August	6	-	7	-	35	-	53	-	378	-
September	4	-	12	-	33	-	45	-	401	-
October	1	-	17	-	63	-	65	-	388	-
November	3	-	12	-	58	-	48	-	498	-
December	-	-	11	-	88	-	121	-	420	-
<u>TOTAL ALL FEEDS</u>										
January	690	853	2,570	2,653	6,485	7,937	4,286	4,768	40,623	44,556
February	905	777	2,606	2,516	6,979	7,527	3,947	4,054	37,213	39,976
March	736	-	2,689	-	7,314	-	4,963	-	45,627	-
April	922	-	2,826	-	7,080	-	4,714	-	44,512	-
May	625	-	2,907	-	6,875	-	4,908	-	41,572	-
June	798	-	2,450	-	5,414	-	3,803	-	39,671	-
July	507	-	2,544	-	5,478	-	3,704	-	44,144	-
August	777	-	2,913	-	7,019	-	4,661	-	46,784	-
September	781	-	3,180	-	6,230	-	4,337	-	46,788	-
October	1,094	-	2,175	-	7,397	-	4,674	-	50,062	-
November	1,493	-	2,792	-	7,771	-	4,965	-	50,376	-
December	840	-	2,478	-	7,294	-	4,452	-	49,923	-

* Revised.

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, 1955 - 1956, shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1955*	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955*	1956	1955*	1956
301	192	31	8	-	-	15	17	36	106	-	-	628	607
292	157	24	8	-	2	12	27	17	14	2	-	492	500
258		29		1		12		23		4		550	
130		61		-		18		34		-		528	
220		50		6		31		26		8		869	
261		25		7		54		65		-		1,107	
343		11		8		52		112		-		1,602	
442		18		6		57		94		2		1,550	
1,113		36		22		77		67		-		2,576	
1,211		24		16		122		68		-		2,845	
1,485		52		19		109		96		2		3,221	
731		13		4		13		63		-		1,449	
1,510	876	125	82	78	128	71	128	200	248	3	-	2,934	2,009
1,454	1,145	214	201	242	368	200	261	128	263	3	-	3,160	2,695
923		270		534		395		216		2		3,113	
1,281		419		504		525		460		2		4,234	
2,836		592		697		678		760		190		8,176	
4,554		790		541		553		1,182		2		11,181	
5,718		1,009		198		330		1,666		3		12,939	
6,812		767		226		383		1,945		-		15,261	
6,659		651		146		192		1,610		1		14,839	
5,482		297		84		183		1,230		-		11,745	
3,846		191		93		146		739		-		8,200	
1,470		112		131		149		326		-		3,093	
698	952	11	-	9	5	87	16	83	100	-	5	1,399	1,757
580	856	8	-	1	11	153	26	58	131	-	3	1,133	1,524
647		8		7		104		138		-		1,401	
865		9		4		71		185		3		1,492	
943		13		2		63		190		10		1,647	
1,062		12		3		41		353		4		1,924	
646		17		4		60		185		7		1,305	
893		5		3		24		269		8		1,681	
890		16		4		4		344		6		1,759	
723		10		9		10		409		9		1,704	
830		10		13		25		456		7		1,960	
887		7		3		32		139		6		1,714	
63,502	72,305	1,986	2,178	1,315	1,077	5,058	4,457	12,738	13,248	413	178	139,666	154,210
57,397	71,575	2,501	2,610	2,000	2,322	5,256	5,053	11,073	14,234	403	376	130,280	151,020
64,474		2,780		2,313		5,817		12,634		477		149,824	
63,387		2,925		2,621		5,221		12,810		495		147,513	
61,262		3,105		2,645		6,251		12,010		977		143,137	
62,808		2,997		2,065		4,633		12,421		534		137,594	
60,939		2,940		796		3,370		12,633		449		137,504	
65,133		2,428		827		3,631		13,029		353		147,555	
64,785		2,598		820		3,280		12,720		285		145,804	
69,301		1,997		983		3,764		12,666		289		154,402	
74,764		2,558		1,022		3,936		13,271		358		163,306	
72,815		2,107		947		3,869		13,343		126		158,194	

* Revised.

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, 1955 - 1956, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1955*	1956	1955*	1956	1955*	1956	1955*	1956	1955*	1956
<u>DOG AND CAT FOODS TOTAL</u>										
January	6	9	11	8	56	145	20	75	153	439
February	3	19	13	16	81	199	35	84	189	595
March	7		17		79		28		189	
April	6		26		85		32		344	
May	12		31		132		50		433	
June	8		14		139		77		510	
July	6		15		172		92		557	
August	13		16		358		144		892	
September	6		35		126		63		451	
October	28		34		174		87		614	
November	13		16		211		108		570	
December	6		14		278		130		649	
<u>CANNED</u>										
January	1	5	2	3	31	112	8	60	107	378
February	3	18	5	7	61	172	21	71	147	526
March	4		6		44		17		128	
April	4		4		62		19		304	
May	10		5		110		38		366	
June	7		9		114		65		428	
July	3		2		150		80		502	
August	11		7		332		132		818	
September	5		6		96		49		360	
October	24		20		146		75		557	
November	10		5		172		90		492	
December	4		5		260		117		565	
<u>BISCUITS</u>										
January	1	-	-	-	2	6	1	4	9	27
February	-	-	-	-	2	4	1	3	12	28
March	1		-		2		1		18	
April	-		-		4		1		14	
May	-		1		6		4		28	
June	-		-		4		1		29	
July	1		1		5		2		20	
August	-		8		5		3		31	
September	-		1		6		3		43	
October	2		1		4		1		20	
November	-		1		6		3		33	
December	-		2		5		4		40	
<u>OTHER (MEALS, ETC.)</u>										
January	4	4	9	5	23	27	11	11	37	34
February	-	1	8	9	18	23	13	10	30	41
March	2		11		33		10		43	
April	2		22		19		12		26	
May	2		25		16		8		39	
June	1		5		21		11		53	
July	2		12		17		10		35	
August	2		1		21		9		43	
September	1		28		24		11		48	
October	2		13		24		11		37	
November	3		10		33		15		45	
December	2		7		13		9		44	

* Revised.

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, 1955 - 1956, shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1955*	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955*	1956	1955*	1956
2,262	1,977	204	177	77	118	251	306	713	928	48	126	3,801	4,308
2,354	2,286	242	197	124	103	415	359	922	962	40	50	4,418	4,870
2,431		213		130		308		986		28		4,416	
1,640		128		78		247		656		69		3,311	
2,017		148		127		266		682		73		3,971	
2,380		200		114		341		938		70		4,791	
2,001		193		127		347		787		57		4,354	
2,747		257		159		376		1,109		54		6,125	
2,274		226		115		321		788		85		4,490	
2,342		257		128		362		812		73		4,911	
2,186		222		125		379		900		51		4,781	
2,342		216		95		404		941		30		5,105	
1,808	1,452	187	159	56	99	193	247	457	681	47	125	2,897	3,321
1,881	1,758	215	171	97	82	338	294	578	678	37	47	3,383	3,824
1,899		185		101		242		670		24		3,320	
1,302		113		63		198		369		67		2,505	
1,601		133		109		216		431		55		3,074	
1,869		173		88		273		612		64		3,702	
1,598		166		95		295		587		47		3,525	
2,303		234		130		310		810		40		5,127	
1,709		152		82		249		499		82		3,289	
1,820		170		109		305		482		68		3,776	
1,562		136		100		314		555		45		3,481	
1,832		193		78		331		626		30		4,041	
238	205	5	4	2	2	8	10	51	40	-	-	317	298
211	226	5	5	2	4	8	12	44	49	-	-	285	331
261		7		4		8		51		-		353	
133		4		2		9		56		-		223	
207		3		2		9		39		-		299	
238		7		2		9		51		-		341	
181		6		3		10		43		-		272	
206		7		2		11		51		-		324	
228		3		3		12		52		-		351	
244		4		2		13		69		-		360	
222		8		2		11		64		-		350	
225		7		2		18		67		-		370	
216	320	12	14	19	17	50	49	205	207	1	1	587	689
262	302	22	21	25	17	69	53	300	235	3	3	750	715
271		21		25		58		265		4		743	
205		11		13		40		231		2		583	
209		12		16		41		212		18		598	
273		20		24		59		275		6		748	
222		21		29		42		157		10		557	
238		16		27		55		248		14		674	
337		71		30		60		237		3		850	
278		83		17		44		261		5		775	
402		78		23		54		281		6		950	
285		16		15		55		248		-		694	

* Revised.

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, 1955 - 1956, shown in tons.

	<u>Newfoundland</u>		<u>Prince Edward Island</u>		<u>Nova Scotia</u>		<u>New Brunswick</u>		<u>Quebec</u>	
	1955*	1956	1955*	1956	1955*	1956	1955*	1956	1955*	1956
<u>MINERAL MIXTURES</u>										
January	-	-	9	5	14	9	7	17	213	201
February	-	-	9	6	8	11	6	6	199	167
March	-	-	9	-	11	-	6	-	241	-
April	1	-	6	-	9	-	12	-	225	-
May	-	-	2	-	3	-	7	-	161	-
June	-	-	5	-	6	-	3	-	95	-
July	-	-	2	-	1	-	10	-	121	-
August	-	-	2	-	2	-	7	-	164	-
September	-	-	5	-	3	-	5	-	105	-
October	-	-	2	-	5	-	9	-	201	-
November	-	-	4	-	6	-	11	-	194	-
December	-	-	4	-	2	-	7	-	215	-
<u>FOX AND MINK FOODS</u>										
January	13	-	5	8	6	4	5	2	44	54
February	-	5	7	4	4	4	2	6	34	38
March	-	-	29	-	8	-	5	-	56	-
April	33	-	2	-	13	-	8	-	33	-
May	3	-	4	-	4	-	3	-	31	-
June	6	-	38	-	46	-	2	-	85	-
July	25	-	28	-	22	-	22	-	101	-
August	7	-	49	-	23	-	9	-	108	-
September	41	-	32	-	23	-	10	-	165	-
October	34	-	27	-	33	-	23	-	79	-
November	3	-	12	-	34	-	13	-	113	-
December	21	-	10	-	8	-	7	-	63	-
<u>SCRATCH FEEDS</u>										
January	436	344	7	40	1,659	1,774	606	675	1,695	1,233
February	483	371	17	16	1,419	1,512	562	584	1,661	1,228
March	281	-	21	-	1,661	-	592	-	1,508	-
April	456	-	37	-	1,722	-	618	-	1,483	-
May	444	-	17	-	1,906	-	540	-	1,592	-
June	566	-	54	-	2,013	-	601	-	1,508	-
July	448	-	14	-	1,950	-	669	-	1,509	-
August	530	-	21	-	2,366	-	821	-	2,136	-
September	755	-	26	-	2,170	-	733	-	2,139	-
October	1,024	-	9	-	2,113	-	764	-	2,259	-
November	1,237	-	17	-	2,009	-	802	-	1,826	-
December	435	-	11	-	2,022	-	700	-	1,467	-
<u>ALL OTHER ANIMAL FOODS</u>										
January	19	31	12	7	270	194	34	23	233	111
February	18	3	19	6	327	180	29	24	194	121
March	7	-	8	-	269	-	38	-	208	-
April	6	-	14	-	373	-	27	-	140	-
May	6	-	10	-	264	-	23	-	144	-
June	5	-	7	-	261	-	23	-	166	-
July	3	-	7	-	191	-	14	-	170	-
August	4	-	11	-	208	-	21	-	174	-
September	9	-	16	-	145	-	24	-	167	-
October	60	-	4	-	157	-	19	-	151	-
November	30	-	7	-	209	-	19	-	141	-
December	22	-	5	-	271	-	18	-	123	-

* Revised.

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, 1955 - 1956, shown in tons.

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1955*	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955*	1956	1955*	1956
399	407	39	43	74	40	189	232	10	10	-	-	954	964
347	383	27	32	41	45	179	182	13	12	-	-	829	844
279		29		36		139		4		-		754	
275		18		12		66		9		-		633	
190		21		12		72		4		-		472	
217		18		8		85		12		-		449	
213		18		6		52		8		-		431	
208		21		3		105		3		-		515	
319		25		11		116		5		-		594	
321		31		48		139		12		-		768	
398		50		79		209		14		-		965	
390		34		25		207		13		-		897	
126	162	135	136	3	8	15	15	32	39	-	-	384	428
137	138	111	111	1	6	15	15	22	17	-	-	333	344
128		113		2		21		29		-		391	
103		135		23		10		49		-		409	
115		111		2		10		41		-		324	
301		166		23		25		44		-		736	
343		270		11		27		135		-		984	
446		249		15		35		128		-		1,069	
489		220		13		48		105		-		1,146	
487		236		19		43		115		-		1,096	
377		158		11		27		113		-		861	
167		112		20		17		70		-		495	
1,176	1,069	48	26	3	-	11	78	498	513	161	146	6,300	5,898
1,122	1,011	43	27	11	72	43	97	523	541	156	172	6,040	5,631
1,194		60		13		77		632		117		6,156	
902		50		48		84		611		158		6,169	
1,003		72		7		51		636		195		6,463	
1,302		65		14		54		667		115		6,959	
1,289		107		10		30		618		321		6,965	
1,468		77		4		26		609		160		8,218	
1,487		67		1		87		569		112		8,146	
1,654		45		-		6		513		199		8,586	
1,805		36		-		112		838		143		8,825	
1,183		44		-		85		548		71		6,566	
1,003	498	180	185	16	2	4	9	97	63	3	4	1,871	1,127
1,035	558	125	106	4	41	5	5	83	52	2	9	1,841	1,105
1,056		44		32		8		103		9		1,782	
808		111		112		8		78		5		1,682	
811		131		22		11		59		8		1,489	
679		180		17		11		69		22		1,440	
672		120		-		15		61		20		1,273	
663		100		5		8		64		3		1,261	
688		103		1		2		55		41		1,251	
845		73		67		7		61		6		1,450	
778		175		32		7		204		8		1,610	
531		306		25		5		139		-		1,445	

* Revised.

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, 1955 - 1956, shown in tons. (Concluded)

	Newfoundland		Prince Edward Island		Nova Scotia		New Brunswick		Quebec	
	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956
<u>CHOPPED, GROUND OR CRUSHED FEEDS</u>										
January	202	155	50	76	3,920	3,830	824	1,066	3,704	6,566
February	191	245	58	140	2,984	3,175	785	976	2,581	4,997
March	234		115		3,215		918		4,968	
April	313		252		3,838		1,015		3,838	
May	108		94		2,660		842		3,254	
June	115		83		2,113		601		2,056	
July	79		50		1,861		655		3,906	
August	281		122		3,154		925		2,696	
September	56		94		2,156		871		5,472	
October	320		97		2,729		1,127		5,789	
November	623		115		3,560		1,267		7,726	
December	274		252		3,492		1,354		6,142	

FACTORS USED IN DETERMINING QUANTITIES OF CONCENTRATES MOVING INTO SECONDARY INDUSTRY⁽¹⁾

	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 Concen- trates	0	.741	.740	.581	.866	.562	.206	.089	.186	.098	.697
(e) Fattening & Finishing Con- centrates	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, 1955 - 1956, shown in tons. (Concluded)

Ontario		Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956
5,659	7,272	526	997	54	36	677	558	10,235	13,299	1,912	4,036	27,763	37,891
6,689	7,513	248	605	115	47	392	1,141	8,554	13,460	1,728	3,355	24,325	35,654
7,610		500		68		684		9,392		2,790		30,494	
7,639		432		61		551		9,562		4,651		32,152	
8,550		338		515		785		8,618		3,946		29,710	
7,816		216		468		1,361		9,479		3,636		27,944	
8,150		407		576		1,163		9,151		4,450		30,448	
8,276		403		515		1,008		9,281		3,535		30,196	
7,369		763		72		976		10,696		5,026		33,551	
6,948		378		47		594		10,926		5,728		34,683	
7,434		778		76		677		12,319		6,696		41,271	
8,165		1,022		83		1,048		12,503		2,776		37,111	

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, 1956 1,285 tons of Dairy and Cattle concentrates, of which 303 tons were used or sold directly for use to the farmer and other such consumers. In other words, 982 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 982 tons of Dairy and Cattle concentrates, we make use of the conversion factor as follows:

$$982 \times 6.0 = 5,892 \text{ tons of Dairy and Cattle Feeds.}$$

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 9,086 tons. The summary would appear as follows:

Total shipments =	9,086 tons
Shipments by secondary manufacturers (1) =	5,892 tons
Shipments by manufacturers (2) =	3,194 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 (9,086 tons) by 6.0 and add 303 tons of concentrates moving out of the industry thus:

$$\frac{9,086}{6.0} = 1,514 + 303 = 1,817 \text{ tons}$$

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	9,086 tons (see page 10)
Estimated feeds produced from concentrates sold outside the industry from which would be	303 x 6.0 = 1,818 tons (see page 4)
Total supply of finished feeds used as finished feeds or in the form of concentrates	10,904 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.

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010648405