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# DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division



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 1958 together with an estimate of production for the calendar year 1959 and as well the production for the current month in 1959 and 1960 with cumulative totals for 1959 and 1960.

Table 2 shows the 1960 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.

# 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.
- 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) Laying and Hatching Concentrates Any concentrate for making a complete feed for laying hens.
- (d) Fattening and Finishing Concentrates Any concentrate for making a complete fattening feed for fowl other than Broilers or Turkeys.
- (e) Turkey Concentrates Any concentrate for making a complete turkey feed.
- (f) 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.

Tible 1 - Shipments of Prepared Stock and Poultry Feeds in Canada 1958 together with estimated comparable data for 1959. Current monthly shipments accompanied by cumulative totals for 1959 and 1960 reported in columns (3), (4), (5), and (6) respectively.

				EST IMATED		
	1958 Total(r) Shipments	1959 Total Shipments	February 1959	February 1960	Cumulative 1959	Cumulativ 1960
	Ton	Ton	Ton	Ton	Ton	Ton
"A" PRIMARY OR CONCENTRATED FEEDS						
Calf Concentrates	3,665	6,160	287 10,321	241 10,826	509 21,073	467 21,925
Dairy and Cattle Concentrates	112,269 150,334	109,780 164,126	13,768	11,415	29,119	24,349
Swine Concentrates	150,554	104,120	13,700	11,415	27,127	27,37.
oultry Concentrates Total	184,808	189,633	14,193	12,513	28,880	25,468
Chick Starter	10,854	8,524	735	478	1,386	883
Broiler	26,209	26,240	2,004	1,841	4,204	3,695
Growing, Laying and Hatching	121,279	121,020	10,174	9,197 145	20,959	18,94
Fattening and Finishing	1,117 20,091	603 21,799	5 849	479	1,441	885
Turkey Other Poultry (1)	5,258	11,447	426	373	879	75
Total 411 Components	451,076	469,699	38,569	34,995	79,581	72,209
otal All Concentrates	451,070	407,077	30,307			
"5" SECONDARY OR COMPLETE FEEDS						
alf Feeds	33,262	33,754	2,280	2,204	4,321	4,41
Dairy and Cattle Feeds	422,733	495,577	43,807	47,303 54,090	89,849 141,824	94,71
Swine Feeds	715,495	801,255	66,229	34,070	141,024	224,73
Poultry Feeds Total	1,191,458	1,284,295	93,985	84,467	187,589	169,58
Chick Starter	105,600	79,926	6,890	5,114	12,484	8,75
Broiler	275,323	285,803	22,178	20,634	42,994 110,124	41,45
Growing, Laying and Hatching	613,902	679,780 10,379	53,030 398	49,896	993	2,60
Fattening and Finishing	23,896 151,800	189,286	9,316	5,379	16,297	9,74
Turkey Other Poultry	20,937	39,121	2,173	2,175	4,697	4,14
Total All Complete Feeds	2,362,948	2,614,881	206,301	188,064	423,583	383,64
"C" ALL OTHER ANIMAL FEEDS						
Dan and Can Bonds	74,391	78,371	6,421	6,417	13,132	12,71
Oog and Cat Foods Canned	58,950	61,180	5,179	4,951	10,506	9,83
Biscuits	4,320	4,489	289	354	631	70
Other (Meals, etc.)	11,121	12,702	953	1,112	1,995	2,17
dineral Mixtures	12,567	11,661	1,171	1,267	2,466	2,54
Fox and Mink Foods	9,650	9,309	396 3,772	478 2,911	990 7,899	97 5,99
Scratch Feeds	72,794 12,198	49,316 19,322	1,594	1,351	3,124	2,69
Other Animal Feeds Chopped, Ground or Crushed Grain	557,870	405,185	29,016	31,731	62,316	63,46

<sup>(</sup>r) Revised to agree with 1958 Annual.
(1) Includes concentrates not specified.

Table 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or commodities, provincial destination and export, 1960 showing separately (a) total primary feeds salpped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

-											
		Newfou	ndland	Prince Isla		Nova S	cotia	New Bru	nswick	Queb	ec
10		(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
CALF C	ONCENTRATES (2.3)										
	January February March April May June July August September October November December Total			3 3		2 1	1	3 2	1 1	46 · 53	7 8
DAIRY	AND CATTLE CONCENTRATES (6.0)										
	January February March April May June July August September October November December Total		-	233 194	95 79	291 254	103 90	218 155	118 84	1,671 1,594	394 376
SWINE	CONCENTRATES (6.8)										
	January February March April May June July August September October November December Total			266 242	107 97	97 75	45 35	180 102	82 46	3,392 2,775	607 497
POULTR	Y CONCENTRATES AND PREMIXES TOTAL										
	January February March April May June July August September October November December	7	6	83 101	23 30	343 291	90 77	185 166	87 77	3,224 2,691	340 274

Palace 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

Onta	rio	Mani	toba	Saskatc	hewan	Albe	rta	Briti Colum		Ежро	rt	тот	AL.
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(8)	(A)	(B)
134 145	18 19	12	2 2	5 5	1 1	14 18	4 5	7 6	2 2			226 241	36 38
6, <b>827</b> 6,750	3,994 3,949	186 95	136 70	318 370	250 290	1,273 1,363	<b>896</b> 960	64 51	61 49	18	15	11,099	6,062 5,947
7,159 6,492	3,723 3,376	456 277	350 212	227 272	170 204	1,153 1,170	842 854	4 10	3 8			12,934 11,415	5,929 5,329
6,517 6,332	2,311 2,225	1,067 927	770 651	461 635	381 534	947 1,145	650 733	128 197	107 68	12	- 6	12,955 12,513	4,759 4,681

Table 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such shown in tons. (Continued)

	Newfour	ndland	Prince Isla		Nova S	cotia	New Bru	ınswick	Quebe	ec
	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
CHICK STARTER CONCENTRATES (3.3)										
January February March April May June July August September October November December			3 2		13 9	3 2	10 6	3 2	135 123	1; 10
BROILER CONCENTRATES (3.3)										
January February March April May Juna July August September October November December Total  GROWING, LAYING AND HATCHING CONCENTRATES (5.0) January			3 8	1 3	38 26	5 3	11 7	73	1,049 862	309
February March April May June July August September October November December	7	6	90	26	254	72	153	68	1,609	256
FATTENING AND FINISHING CONCENTRATES (8.0)										
January February March April May June July August September October November December			2 -						14 22	1 2

Puble 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Continued)

Onta	rio	Manito	oba	Saskatch	newan	Albe	rta	Briti:	sh bia	Ехро	rt	TOTA	L
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(8)
133 178	13 17	61 77	17 21	32 27	4 4	10 56	2	8 -				405 478	52 58
472 465	15 15	102 108	53 56	39 34	39 34	140 210	20 29	121				1,854 1,841	145 148
5,314 5,038	2,035	79.4 652	62 <i>2</i> 511	326 489	293 440	748 <b>823</b>	598 656	37 70	63 62	12	6	9,751 9,197	4,117 4,033
122 106	40 35					17 17	11 11					155 145	52 48

Table 2 - PRIMARY OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Concluded)

	Newfour	ndland	Prince Isla		Nova S	cotia	New Bru	inswick	Que	bec
	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
TURKEY CONCENTRATES (3.7)										
January February March April May June July August September October November December					2				65 71	2
OTHER POULTRY CONCENTRATES (4.0)  January Fébruary March April May June July			ī	ī			-	:	20 4	15 3
August September October November December Total										
January February March April May June July August September October November December	7	- 6	585 540	225 206	733 621	239 202	586 425	288 208	8,333 7,113	1,348 1,115

FASTA : PRIMART OR CONCENTRATED FEEDS AND PREMIXES. Volume of monthly shipments of primary or concentrated feeds by principal commodities provincial destination and export, 1960 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Concluded)

Ontar	10	Manit	oba	Saskatch	rewan	Albe	erta	Briti Colum	sh	Екрог	t	тоти	AL
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(A)	(A)	(B)
140 183	16 21	110 90	78 63	56 85	37 56	32 48	23 35	3	2	-	-	406 479	15
336 263	192 207		2	3	8	:		6	20 6	2	:	354 373	2

 20,637
 10,046
 1,721
 1,258
 1,011
 802
 3,387
 2,392

 19,719
 9,569
 1,307
 935
 1,282
 1,029
 3,705
 2,552

15 37,214 16,786 6 34,995 15,995

173

127

18

12

203

264

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete tooks by principal commodities, provincial destination and export, 1959 - 1960 shown in tens.

	Newfor	undland		e Edward land	Nova	Scotia	New Br	unswick	Que	bec
	1959	1960	1959	1960	1969	1960	1959	1960	1959	1960
ALF FEEDS										
January	1	30	28	35	73	63	43	55	287	22
February	4	-	29	49	69	66	54	53		33
March	7		43		73		68	23	344 489	38
April May	2		52		75		99		844	
June	3		84 104		74		88		931	
July	4		70		55 57		75		990	
August			70		66		82 63		692	
September	5		54		67		50		461	
October	14		38		109		53		363 299	
November	4		26		64		42		319	
December	4 4		25		76		50		284	
Total	233		623		858		767		6,303	
AIRY AND CATTLE FEEDS										
January	590	443	1,029	1,149	3,496	3,302	1,791	2,283	10,290	9,97
February	316	370	858	1,086	3,346	3,933	1,702	2,177	9,859	10,11
March	324		1,035		3,723		1,967	~, ~, ~,	12,685	10,11
April	339		858		3,519		2,111		15,066	
May June	199		947		2,936		2,029		13,121	
July	253		497		1,112		819		7,498	
August	257 116		432		1,365		872		8,268	
September	270		523 658		1,706		1,137		9,430	
October	502		722		2,848		1,380		9,366	
November	471		876		3,759		1,869		14,533 15,056	
December	416		1,212		4,344		2,309		12,408	
Total	4,053		9,647		34,153		19,586		137,580	
INE FEEDS										
January	48	27	2 192	1 636	1 ///1	1 (70	1 510	4 710		
February	25	27 40	2,183 1,645	1,636	1,461	1,470	1,513	1,713	31,682	24,29
March	39	40	1,926	1,522	1,295	1,456	1,356	1,285	25,655	20,418
April	43		1,262		1,191		1,405		25,503	
May	66		1,551		1,118		1,249		23,885 20,896	
June	96		1,822		1,311		1,175		22,331	
July	176		1,826		1,548		1,497		26,847	
August	125		1,917		1,771		1,687		23,438	
September	142		2,068		1,813		1,649		25,574	
October	188		1,900		1,811		1,475		28,774	
November	154		1,769		1,727		1,591		25,119	
December Total	$\frac{69}{1,171}$		1,835		1,854		1,450		27,227 306,931	
ULTRY FEEDS TOTAL										
January	382	640	749	477	6,367	5,350	2,105	2,096	21,326	23,061
February	545	553	651	271	5,835	4,953	1,977	2,141	22,448	20,662
March	592		863		5,818		2,505		24,546	
April May	716 509		736		5,888		2,442		26,821	
June	767		895		6,663		3,709		23,904	
July	888		929		6,389		2,787		27,615	
August	553		813		6,555		2,635		29,730	
September	569		857		6,132		2,683		25,353	
October	1,066		713		6,200		2,322		28,314	
November	819		651		6,208		2,362		29,182 25,407	
December	440		579		5,412		2.294		25,541	
Total					73,601		30,435			

<sup>..</sup> Data not available.

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal compacities, provincial destination and export, 1959 - 1960 shown in tons.

Ont	ario	Manit	oba	Saskatc	newan	Albe	erta	Briti Colum		Ежро	rt	TOTA	\L
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
1,236 1,404 2,208 2,356 2,452 2,239 2,045 1,580 1,421 1,302 1,344 1,451 21,038	1,284 1,309	58 68 71 93 69 41 38  41 77 63	75 43	85 112 111 88 89 65 41 39 51 68 80 67	100	98 91 110 112 91 79 117 63 78 98 76 95 1,108	92 96	129 104 113 109 66 78 75 77 78 107 137 128 1,201	145 90	3 1 3 4 4 1 1 - 2 5 3 26	4 5	2,041 2,280 3,296 3,834 3,952 3,730 3,221 2,629 2,208 2,167 2,160 2,236 33,754	2,213 2,204
19,111 18,924 20,120 19,199 13,419 7,905 10,475 9,691 10,879 15,316 22,983 26,822 194,844	19,515 19,511	370 291 282 249 220 114 100 158 157 364 624 610 3,539	438 233	648 583 494 391 233 236 220 314 266 995 1,025 1,090 6,495	737 802	2,464 2,182 2,373 1,766 1,450 1,368 894 1,140 1,444 1,902 2,106 2,867 21,956	2,968 2,901	6,228 5,733 6,066 5,820 3,928 3,731 4,054 4,099 4,647 5,295 5,785 7,111 62,497	6,579 6,154	25 13 16 26 22 10 21 12 17 26 23 15	19 22	46,042 43,807 49,085 50,444 38,504 23,543 26,958 28,326 31,084 44,103 54,577 59,204 495,577	47,411 47,303
32,816 30,669 30,792 30,116 27,777 27,948 33,116 27,434 30,012 30,630 30,033 32,103 353,446	27,654 25,478	1,023 929 875 1,020 987 871 924 885 953 1,100 1,128 1,004 11,699	924 536	824 871 998 749 593 795 578 879 648 704 722 633 8,994	500 732	3,578 3,444 4,364 3,051 2,773 3,131 2,440 3,233 2,879 3,116 2,711 2,740 37,460	2,313 2,374	439 324 347 415 395 457 509 579 500 507 359 314 5,145	296 234	28 16 16 24 20 24 17 28 29 32 37 10 281	10 15	75,595 66,229 67,552 62,909 57,425 59,961 69,478 61,976 66,267 70,237 65,350 69,239 792,218	60,840 54,090
46,351 45,406 50,797 54,238 54,875 56,271 60,416 48,577 49,825 49,345 43,633 44,098 603,832	39,658 39,660	2,167 2,548 3,550 4,341 5,275 3,458 3,134 2,021 1,500 1,815 2,000 1,501 33,310	1,731 1,535	1,468 2,378 2,994 3,494 3,528 2,938 1,876 1,391 823 841 626 649 23,006	875 1,712	2,246 2,918 4,844 4,812 4,849 3,887 2,699 2,853 2,778 2,409 2,274 1,712 38,281	1,837 2,732	10,198 8,981 10,852 12,275 13,726 12,774 14,462 13,282 12,189 12,641 10,972 10,288 142,640	9,274 9,832	245 298 165 133 223 174 214 148 106 246 167 265 2,384	122 128	93,604 93,985 107,520 115,896 118,156 118,241 123,541 103,739 105,776 106,780 95,119 92,779 1,275,136	85,121 84,179

<sup>..</sup> Data not available.

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1959 - 1960 shown in tons. (Continued)

	Newfoundland		Prince Isla	Edward and	Nova S	Scotia	New Brun	nswick	Que	bec
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
YOU OWADERD ENERG										
ICK STARTER FEEDS										
January	3	27	28	11	345	217 259	77	78	1,391	1,1
February March	6 25	8	42 101	26	298 307	239	156 256	117	1,517 2,157	1,1
April	41		108		371		308		2,880	
May	39		133		336		486		2,616	
June	20		146		214		221		2,829	
July August	30		83 22		177 51		92 31		2,280 1,331	
September	15		8		37		17		1,030	
October	20		3		47		8		989	
November	18		2		112		17		943	
December Total	235		680		167		1,702		1,215	
local	233		000		2,462		1,702		21,178	
OILER FEEDS										
January	-	-	23	41	632	738	342	283	4,708	7,9
February	THE RES		24	35	528	561	254	297	6,539	6,9
March	-		7		574		374		7,352	
April -			18		542		275		8,776	
May June			52 106		742 607		709 289		7,699 8,028	
July			76		804		321		8,638	
August	-		46		656		245		7,221	
September	-		63		697		356		8,559	
October			33		617		359 339		8,396	
November December			29		602		386		8,312 8,403	
Total			521		7,548		4,249		91,631	
OWING, LAYING AND HATCHIN	G FEEDS									
Ianuary	363	597	627	389	5.228	4.323	1.560	1.633	12.659	12.0
January February	363 526	597 534	627 534	389 474	5,228 4,850	4,323 4,033	1,560 1,432	1,633 1,642	12,659 11,866	
	526 544		534 702		4,850 4,805		1,432		11,866 11,931	
February March April	526 544 650		534 702 585		4,850 4,805 4,808		1,432 1,771 1,737		11,866 11,931 12,305	
February March April May	526 544 650 449		534 702 585 678		4,850 4,805 4,808 5,314		1,432 1,771 1,737 2,173		11,866 11,931 12,305 10,515	
February March April May June	526 544 650		534 702 585		4,850 4,805 4,808 5,314 5,215		1,432 1,771 1,737 2,173 1,951		11,866 11,931 12,305 10,515 12,291	
February March April May	526 544 650 449 731		534 702 585 678 837		4,850 4,805 4,808 5,314		1,432 1,771 1,737 2,173		11,866 11,931 12,305 10,515	
February March April May June July	526 544 650 449 731 833 514 523		534 702 585 678 837 670 624 643		4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930		1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884		11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534	
February March April May June July August September October	526 544 650 449 731 833 514 523		534 702 585 678 837 670 624 643 482		4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096		1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528		11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888	
February March April May June July August September October November	526 544 650 449 731 833 514 523 1,023		534 702 585 678 837 670 624 643 482 529		4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197		1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665		11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385	
February March April May June July August September October	526 544 650 449 731 833 514 523		534 702 585 678 837 670 624 643 482		4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096		1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528		11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888	
February March April May June July August September October November December	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503		4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514		1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665		11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364	
February March April May June July August September October November December Total	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,565 1,787 21,247	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870	10,3
February March April May June July August September October November December Total	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503		4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514		1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665		11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364	10,3
February March April May June July August September October November December Total	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665 1,787 21,247	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870	12,0
February March April May June July August September October November December Total  TTENING AND FINISHING FEE  January February March April	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665 1,787 21,247	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870	10,3
February March April May June July August September October November December Total  TTENING AND FINISHING FEE  January February March April May	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665 1,787 21,247	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870	10,3
February March April May June July August September October November December Total  TTENING AND FINISHING FEE  January February March April May June	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665 1,787 21,247	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870	10,3
February March April May June July August September October November December Total  TTENING AND FINISHING FEE  January February March April May	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665 1,787 21,247	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870	10,3
February March April May June July August September October November December Total  TTENING AND FINISHING FEE  January February March April May June July August September	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665 1,787 21,247	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870	10,3
February March April May June July August September October November December Total  TTENING AND FINISHING FEE  January February March April May June July August September October	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665 1,787 21,247 23 12 8 12 48 23 45 68 53 76	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870 297 165 294 176 252 267 284 324 479 781	10,3
February March April May June July August September October November December Total  TTENING AND FINISHING FEE  January February March April May June July August September	526 544 650 449 731 833 514 523 1,023 761 425 7,342		534 702 585 678 837 670 624 643 482 529 503 7,414	474	4,850 4,805 4,808 5,314 5,215 5,158 5,091 4,930 5,096 5,197 4,514 60,206	4,033	1,432 1,771 1,737 2,173 1,951 1,867 1,892 1,884 1,528 1,665 1,787 21,247	1,642	11,866 11,931 12,305 10,515 12,291 14,251 11,881 13,534 14,888 12,385 13,364 151,870	10,3

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export 1959 - 1960 shown in tons (Continued)

Onta	rio	Manit	oba	Saskato	chewan	Albe	erta	Briti Colum		Expo	ort	тот	AL
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
1,872 2,045 3,437 4,789 4,766 3,614 1,779	1,145 1,532	479 688 1,217 1,567 1,557 747 390	272 313	570 824 1,246 1,413 1,134 537 103	328 675	433 908 2,009 1,850 1,529 582 138 106	204 676	383 401 613 808 748 576 359 233	249 314	13 5 12 11 13 16 14	8 5	5,594 6,890 11,380 14,146 13,357 9,502 5,445 2,865	3,640 5,114
829 709 748 780 1,112 26,480		176 47 270 308 212 7,658		65 133 128 85 113 6,351		113 113 100 75 7,956		207 238 245 196 5,007		11 12 10 12 141		2,327 2,576 2,620 3,148 79,850	
12,243 11,908 12,556 13,452 12,658 11,226 42,355 11,214 10,929 11,343 9,628 10,520 140,032	9,566 9,610	219 154 183 159 222 242 246 197 204 161 173 2,422	188 195	1 -7 27 12 25 10 22 27 20 36 16 203	19 13	588 455 643 553 802 851 764 756 1,143 784 539 386 8,264	494 700	2,018 2,282 2,531 2,590 3,124 2,034 2,545 2,180 1,763 2,062 1,910 1,536 26,575	1,547 2,213	42 34 43 14 9 20 30 28 13 40 29 45 347	34	20,816 22,178 24,270 26,406 26,029 23,408 25,785 22,654 23,747 23,869 21,625 22,096 282,883	20,816 20,634
26,707 25,364 27,419 26,008 15,050 26,167 29,457 21,977 22,459 23,675 24,071 26,235 304,589	24,771 23,915	1,164 1,076 1,068 1,171 1,385 1,192 1,600 1,030 905 1,136 1,366 1,027	1,033 821	324 338 260 280 364 362 311 222 117 302 349 297 3,526	303 399	1,110 1,108 1,183 1,374 1,429 1,611 1,127 1,093 1,048 1,103 1,057 1,071 14,314	952 1,059	7,177 5,678 6,828 7,301 7,650 7,521 8,315 7,781 7,475 7,618 6,888 7,701 87,933	6,854 6,540	175 258 108 108 200 137 169 106 82 192 128 208 1,871	80 108	57,094 53,030 56,619 56,327 55,207 58,015 63,758 52,211 53,600 57,043 54,396 57,132 674,432	52,993 49,896
114 154 193 289 141 124 128 138 247 302 258 242	730 655	14 9 3 11 35 25 10 28 22 72 69 5 303	15	1 3 1 - 1 8 17 5 11 1 - 1 - 1		45 1 13 17 10 10 90 207 68 139 73 ——————————————————————————————————	50 51	56 20 20 52 7 29 287 216 41 404 274 84 1,490	10 6	13		569 576	1,338 1,269

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1959 - 1960 shown in tons. (Concluded)

	Newfoun	dland	Prince Isla		Nova :	Scotia	New Br	unswick	Que	bec
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
TURKEY FEEDS										
January February March April May June July August September October November December	5 13 15 16 19 16 21 28 31 20 38 2 224	15 10	35 29 19 12 21 75 86 102 125 149 77 28 758	6 5	61 81 91 113 213 251 373 293 396 1184 54 2,425	31 27	31 28 42 67 204 224 272 311 310 295 190 33 2,007	50 16	1,851 1,953 2,390 2,332 2,440 3,771 3,907 4,275 4,354 3,700 2,693 1,602 35,268	1,09
OTHER POULTRY FEEDS										
January February March April May June July August September October November December	11 -8 9 1 -4 2 2 -3 2 3 43	1 1	34 17 19 13 9 13 3 2 4 6 4 9	10 16	70 47 21 43 51 61 14 21 35 31 34 52 480	34 62	72 95 54 43 89 79 38 67 63 56 61 40 757	44 63	420 408 422 352 382 429 370 321 358 428 412 458	408 458
TOTAL ALL SECONDARY FEEDS										
January February March April May June July August September October November December	1,021 890 962 1,100 778 1,119 1,325  986 1,770 1,448 	1,140 963	3,989 3,173 3,867 2,908 3,477 3,604 3,257 3,323 3,637 3,373 3,373 3,322 3,651 41,581	3,297 3,216	11,397 10,545 10,901 10,673 10,791 8,867 9,525 9,677 10,012 10,968 11,758 11,686 126,800	10,185 10,408	5,452 5,089 5,945 5,805 7,075 4,856 5,086 5,501 5,762 5,450 5,864 6,103 67,988	6,147 5,656	63,585 58,306 63,223 66,616 58,852 58,434 65,537 58,682 63,617 72,788 65,901 65,460 761,001	57,666 51,577

<sup>..</sup> Data not avilable.

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export 1959 - 1960 shown in tons. (Concluded)

Ontar	io	Mani	toba	Saskat	chewan	Albe	erta	Brit	ish mbia	Ехр	ort	тот	AL
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
3,726 4,551 5,863 7,361 9,664 12,429 14,057 12,377 12,697 10,904 6,412 3,334 103,375	2,324 2,786	291 621 1,079 1,433 2,076 1,272 891 501 329 132 96 78 8,799	222 198	566 1,211 1,476 1,769 2,015 2,008 1,434 1,063 540 379 150 210	222 618	51 406 947 993 1,038 798 505 609 357 220 120 84 6,128	130 238	364 423 667 1,203 1,688 1,998 2,336 2,415 2,185 1,801 1,120 462 16,662	272 370	1 2 - 4		6,981 9,316 12,589 15,299 19,379 22,843 23,882 21,976 21,324 17,916 11,080 5,887	4,362 5,379
1,689 1,384 1,323 2,332 2,596 2,711 2,640 2,042 2,784 2,373 2,484 2,655 27,013	1,122 1,162	- - - - 1 1 - - - 1 1 - - - 8	1 8	7 4 2 4 3 5 13 2 1 1 5 12 5 9	3 7	19 40 49 25 41 35 75 82 49 50 385 40	7 8	200 177 193 321 509 616 620 457 518 518 535 309 4,973	342 389	2 1 2 5		2,524 2,173 2,093 3,142 3,681 3,949 3,778 2,996 3,812 3,467 3,922 3,584 39,121	1,972 2,175
99,514 96,403 103,911 106,909 98,523 94,363 106,052 87,282 92,137 96,593 97,993 104,474 1,184,154	88,111 85,958	3,618 3,836 4,778 5,703 6,551 4,484 4,196  2,651 3,356 3,815 	3,168 2,347	3,025 3,944 4,597 4,722 4,443 4,034 2,718 2,6623 1,788 2,608 2,453 3,439 39,394	2,212 3,356	8,386 8,635 11,691 9,741 9,163 8,465 6,150 7,289 7,179 7,525 7,167 7,414 98,805	7,210 8,103	16,994 15,142 17,378 18,619 18,115 17,040 19,100 18,037 17,414 18,550 17,253 17,841 210,483	16,294 16,310	301 328 200 187 269 209 252 188 152 306 232 293 2,917	155 170	217,282 206,301 237,453 232,983 218,037 205,475 223,198 196,670 205,335 223,287 217,206 223,458 2,606,685	195,585 188,064

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1959 - 1960, shown in tons.

		Newfoun	dland	Prince Isla	Edward	Nova	Scotia	New Br	unswick	Qu	ebec
suiti .		1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
DOG AN	D CAT FOODS TOTAL										
	January February March April May June July August September October November December	14 16 21 42 39 17 23 36 32 37 47 28 352	11 16	22 17 12 27 18 12 16 14 17 25 22 12 214	18	366 238 206 351 243 176 227 335 393 303 299 224 3,361	209 239	162 77 81 105 126 86 92 125 138 134 128 93 1,347	114	1,036 701 814 885 935 779 804 901 989 955 951 739 10,489	977 933
CANNED	2										
	January February March April May June July August September October November December Total	11 12 17 37 35 15 17 29 28 30 38 24 293	9 12	16 13 10 25 16 10 11 11 13 16 18 10 169	9 13	321 201 175 319 213 140 191 302 345 220 266 190 2,883	171 198	143 60 68 91 109 70 74 109 115 95 115 80 1,129	98 90	932 611 719 782 836 660 685 787 858 818 803 634	862 832
BISCUI	TS										
	January February March April May June July August September October November December Total	1 1 1 2 1 3 2 1 1 1 1	i	4 1 - 1 1 1 1 1 2 - - 11	ī	5 6 7 5 4 7 8 8 9 10 7 —6 82	7 7	2 3 3 3 3 3 2 5 6 3 3 3 3	3 3	31 32 31 38 28 34 37 37 40 39 52 32 431	31 31
OTHER	(MEALS, ETC.)										
	January February March April May June July August September October November December	3 4 3 4 3 5 4 2 6 8 3 45	2 3	2 3 2 1 2 2 4 2 3 9 2 2 2 3 4 2 3	9 2	40 31 24 27 26 29 28 25 39 73 26 28 396	31 34	17 14 10 11 14 13 15 14 18 33 10 10	13	73 59 64 65 71 85 82 77 91 98 96 73	78 70

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal destination and export, 1959 - 1960 shown in tons.

Onta	ario	Mani	toba	Saskat	chewan	Albe	rta	Brit Colu		Ежр	ort	TC	OTAL
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
2,865 3,323 2,324 2,669 2,676 3,178 2,945 2,996 3,357 3,347 3,450 2,737 35,867	2,645 2,887	228 150 170 185 234 185 201 164 180 202 268 151 2,318	187 177	131 140 54 95 80 71 102 114 111 131 93 75 1,197	75 109	539 405 402 487 512 455 446 515 511 582 507 365 5,726	455 459	1,295 1,271 1,354 1,250 1,314 1,341 1,476 1,547 1,487 1,526 1,235 16,502	1,502 1,406	53 83 64 111 99 89 108 57 103 85 102 46 1,000	104 71	6,711 6,421 5,502 6,207 6,276 6,389 6,440 6,663 7,378 7,288 7,393 5,703 78,371	6,294 6,417
2,149 2,692 1,756 2,020 2,142 2,549 2,245 2,310 2,580 2,471 2,594 2,063 27,571	1,918 2,188	183 124 149 161 208 140 144 123 141 145 219 128 1,865	154 143	106 104 33 73 54 52 57 67 75 71 58 47	54 66	467 320 321 417 399 345 334 393 377 428 411 241 4,453	352 360	951 960 1,027 948 987 981 1,053 1,016 1,118 1,000 1,044 889 11,974	1,155 980	48 83 61 110 77 78 90 56 94 82 99 44	102 69	5,327 5,179 4,336 4,983 5,076 5,040 4,901 5,203 5,744 5,376 5,665 4,350 61,180	4,884 4,951
235 196 193 250 144 238 263 237 262 261 337 245 2,861	240 239	4 4 5 4 5 8 9 9 8 9 10 6 81	7 6	2 3 1 2 2 3 4 5 5 5 3 8 8 3 41	3 4	8 7 8 7 11 14 17 15 18 15 19 11 150	10 11	48 37 38 45 37 52 118 71 61 64 153 44 768	48 51	3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		342 289 287 356 235 364 464 388 411 409 593 351 4,489	349 354
481 435 375 399 390 391 437 449 545 615 519 435	487 460	41 22 16 20 21 37 48 32 31 48 39 17 372	26 28	23 33 20 20 24 16 41 42 31 57 27 25 359	18 39	64 78 73 63 102 96 95 107 116 139 77 113	93 88	296 274 289 257 290 308 305 319 368 423 329 300 3,758	302 375	2 -3 1 22 8 15 1 9 2 2 2 2	2 2	1,042 953 879 868 965 985 1,075 1,072 1,233 1,503 1,135 1,002 12,702	1,061 1,112

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export 1959 - 1960 shown in tons.

	Newfou	ndland	Prince Isl	Edward and	Nova S	Scotia	New Br	unswick	Que	bec
	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
MINERAL MIXTURES										
January	-	-117-	14	10	17	1	7	8	247	239
February	-	-	11	10	14	11	8	11	244	229
March			11		11		9		242	
April May	-		7 5		6 2		2 2		255 180	
June			3		2		1		131	
July	-		6		6		3		148	
August	-		5		3		2		129	
September	-		7		4		1		200	
October	-		11		9		3		296	
November December	-		8 12		4		2 4		235 255	
Total			100		82		44		2,562	
104-1									.,	
FOX AND MINK FOODS										
January	-	1	7	2	7	32	7	7	85	50
February	3	39	1	10	33	35	4	3	35	43
March	6		1		7		6		49	
April	42		12		22		6		55	
May	26 35		1		30 64		4 9		32 113	
June July	70		18		63		14		101	
August	85		4		58		17		153	
September	99		4		37		14		126	
October	150		16		76		16		149	
November	94		9		5		15		111	
December Total	610		78		<del>20</del> 422		118		1,074	
SCRATCH FEEDS										
January	527	358	9	7	1,086	734	575	486	929	555
February	314	345	10	6	1,092	680	589	450	757	498
March	537		17 20		1,096		480 443		703 740	
April May	497 390		18		1,007		561		643	
June	581		17		1,096		484		731	
July	422		27		930		579		795	
August	366		23		1,113		578		886	
September	490		21		1,140		582		985	
October	794		16		1,215		505		1,061	
November December	677 373		18		1,041 917		507 487		991 737	
Total	5,968		204		12,845		6,370		9,958	
ALL OWNER AND EACH										
ALL OTHER ANIMAL FOODS										
January	19	45	178	9	1.27	249	41	38	133	145
February	11	9	169	11	324	280	38	46	139	136
March April	16		190		197 197		48 39		138	
May	4 2		215 164		165		62		141 160	
June	14		129		93		29		178	
July	5		173		86		26		188	
August	-		241		179		29		179	
September	20		304		140		58		194	
October	105		183		421		37		189	
November	43		67		281		38		162	
December Total	<u>18</u> 257		193 2,206		2,455		40		1,995	
	621		6.200		6.411		407		キャフフフ	

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export 1959 - 1960 shown in tons.

Onta	rio	Mani	toba	Saakat	chewan	Albe	rta	Brit Colu		Ехр	ort	TO	TAL
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
524 425 499 383 325 286 402 334 309 440 537 613	555 612	117 103 85 72 42 38 26 44 44 54 98 100 823	95 49	106 134 63 90 13 47 5 23 56 53 115 80 785	118 95	234 216 192 112 101 83 135 98 148 172 213 250 1,954	233 237	29 16 8 12 13 17 7 11 19 26 23 23	23 13			608 738 659 788	1,282 1,267
371 158 163 204 193 277 448 433 462 532 353 256 3,850	194 179	25 109 137 112 108 188 115 121 144 237 123 139 1,558	113 109	5 11 3 34 3 13 21 21 19 24 16 5	2 7	18 17 17 18 16 41 87 7 86 94 40 18 459	20 23	69 25 58 60 50 75 87 158 115 82 82 77	60 40	3 23 1 27	11	594 396 447 565 463 817 1,027 1,080 1,106 1,377 848 589 9,309	492 478
640 619 778 596 635 710 818 727 762 753 767 682 8,487	596 527	13 9 7 11 16 17 8 13 13 13 13 11 10	7 10	24 7 4 133 21 6 8 1 16 3 	1 6	9 9 33 28 14 15 11 5 6 1 18 6 155	3	254 258 312 399 388 405 426 302 342 345 321 268 4,020	301 346	81 91 52 71 98 136 139 33 62 67 62 55 947	33 43	4,127 3,772 4,022 3,816 4,008 4,213 4,161 4,054 4,404 4,776 4,416 3,547 49,316	3,081 2,911
785 634 688 835 832 614 375 570 566 565 617 672 7,753	600 639	111 164 177 88 70 137 88 193 203 103 131 170 1,635	49 62	4 3 1 4 9 2 5 6 6 - 32 <u>2</u> 68	2	23 11 13 14 95 134 18 32 18 34 18 	39 18	109 97 140 111 194 162 151 196 173 218 182 273 2,006	170 146	4 3 3 14 1 - 3 1 2 3 2 - 3 3 3	2	1,530 1,594 1,613 1,659 1,749 1,499 1,115 1,625 1,684 1,858 1,573 1,823	1,344 1,351

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1959 - 1960 shown in tons. (Concluded)

	Newfou	ndland	Prince Isl	Edward	Nova Scotia		New Brunswick		Quebec	
	1959	1960	1959	1960	1959	1960	1959	1960	1959	196
OPPED, GROUND OR CRUSHED FEEDS										
January	212	180	551	688	3,766	2,948	1,321	1,638	5,753	3,79
February	245	108	392	482	3,211	3,197	1,372	1,451	4,608	3,47
March	104		540		3,179	,	1,336	-, -, -	6,768	21-11
April	104		515		2,779		1,372		5,508	
May	191		450		2,740		1,372		5,274	
June	83		432		1,861		932		5,389	
July	76		457		1,994		1,335		5,320	
August	212		475		2,423		1,224		5,476	
September	328		475		2,383		1,238		4,932	
October	130		490		2,959		1,249		7,358	
November	180		839		3,244		1,721		6,127	
December	191		396		3,694		1,606		6,145	
Total	2,056		6,012		34,233		16,078		69,658	

#### FACTORS USED IN DETERMINING QUANTITIES OF CONCENTRATES MOVING INTO SECONDARY INDUSTRY

					Shipped	to or s	old in				
	Newfound- land	Prince Edward Island	Nova Scotia	New- Brunswick	Quebec	Ontario	Manitoba	Saskat- chewan	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 Concentrates	.647	.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, Laying and Hatching Concentrates	.143	.714	.718	.558	.841	.617	.217	.100	. 203	.121	.522
(d) Fattening & Finishing Concentrates	0	.882	. 231	.412	.923	.673	.129	0	.338	.666	0
(e) Turkey Concentrates	0	1.000	.962	.395	.965	.887	. 295	.342	.278	.361	0
(f) 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 1959 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.

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1959 - 1960, shown in tons. (Concluded)

Onta	rio	Manit	oba	Saskatchewan		Alberta		British Columbia		Ехро	rt	TOTAL	
1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960
3,852 3,568 2,710 2,866 3,200 4,003 5,119 4,637 4,180 4,442 4,086 5,213 47,876	3,985 4,115	770 392 623 594 576 184 407 522 572 922 896 572 7,030	475 1,015	299 389 479 403 742 180 799 1,433 720 256 342 702 6,744	108 166	551 536 504 1,105 727 540 626 1,152 1,008 1,368 1,264 1,084	824 526	14,407 12,852 14,180 15,797 14,627 14,767 16,333 16,204 15,851 15,174 17,453 17,143 183,788	17,082 17,111	1,818 1,451 1,404 1,912 2,426 2,531 1,138 1,613 1,372 2,765 2,714 101 21,245	7 90	33,300 29,016 31,827 32,955 32,325 30,902 33,604 35,371 33,059 37,113 38,866 36,847 405,185	31,733 31,731

#### 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, 1960 1,671 tons of Dairy and Cattle concentrates, of which 394 tons were used or sold directly for use to the farmer and other such consumers. In other words, 1,277 tons moved into the hands of secondary manufacturers for further use in manufacturing gomplete feeds. In order to obtain the finished feeds resulting from the conversion of 1,277 tons of Dairy and Cattle concentrates, we make use of the conversion factor as follows:

1,277 x 6.0 = 7,662 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 9,978 tons. The summary would appear as follows:

Total shipments = 9,978 tons

Shipments by secondary manufacturers (1) = 7,662 tons

Shipments by manufacturers (2) = 2,316 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 (9,978 tons) by 6.0 and add 394 tons of concentrates moving out of the industry thus:

$$\frac{9,978}{6.0}$$
 = 1,663 + 394 = 2,057 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

9,978 tons (see page 10)

Estimated feeds produced from concentrates sold outside the industry from which would be

394 x 6.0 = 2,364 tons (see page 4)

Total supply of finished feeds used as finished feeds or in the form of concentrates

12,342 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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