



FEBRUARY, 1958



Published by Authority of
The Honourable Gordon Churchill, Minister of Trade and Commerce

# DOMINION BUREAU OF STATISTICS

Industry and Merchandising Division
Foods and Beverages Section

6513-504-28

Price 25 cents

Vol. XII—2

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 1956 together with an estimate of production for the calendar year 1957 and as well the production for the current month in 1957 and 1958 with cumulative totals for 1957 and 1958.

Table 2 shows the 1958 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 or making a complete Calf Feed.
- 2. Dairy and Cattle concentrates Any concentrate 24% protein or higher for Cattle or Dairy Cows.
- 3. Swine concentrates Any concentrate 35% protein or higher for swine.

# 4. Poultry Concentrates:

- (a) Chick Starter Concentrates Any concentrate for making a complete Chick Starter.
- (b) Broiler Concentrates Any concentrate for making a complete Broiler Feed.
- (c) Growing Concentrates Any concentrate for making a complete feed for growing chickens.
- (d) Laying and Hatching Concentrates Any concentrate for making a complete feed for laying hens.
- (e) Fattening and Finishing Concentrates Any concentrate for making a complete fattening feed for fowl other than Broilers or Turkeys.
- (f) Turkey Concentrates Any concentrate for making a complete turkey feed.
- (g) Other Concentrates Any concentrate for Poultry not covered by any other classification.
- 5. Calf feeds Any complete feed for calves up to 5 months of age.
- 6. Dairy and Cattle Feeds Any complete feed under 24% protein for Cattle or Dairy Cows but excluding Calf Feeds.
- 7. Swine Feeds Any complete swine feed under 35% protein.

# 8. Poultry Feeds:

- (a) Chick Starter Feeds Any complete feed for starting chickens other than Broilers.
- (b) Broilers Feeds Any complete feed for starting, growing or finishing Broilers.
- (c) Growing Feeds Any complete feed for growing chickens.
- (d) Laying and Hatching Feeds Any complete feed for laying hens.
- (e) Fattening and Finishing Feeds Any complete feed for fattening cockerels, capons or other fowl other than broilers and turkeys and excluding Scratch Grains.
- (f) Turkey Feeds Any complete feed for starting, growing or finishing turkeys.
- (g) Other Complete Feeds Any complete feed for pheasants, ducks or other poultry and not covered by any other classification.

# 11. Dog and Cat Foods:

- (b) Biscuits Kibble and all baked products.
- (c) Meal Pellets, cubes and other forms.
- 12. Scratch Grains Any mixture of Whole or Cracked Grains only for Poultry.
- 13. Other Animal Feeds Such as Horse Feed, Rabbit Feed, etc.

Table 1 - Production of Prepared Stock and Poultry Feeds in Canada 1956 together with estimated comparable data for 1957. Current monthly production accompanied by cumulative totals for 1957 and 1958 reported in columns (3), (4), (5), and (6) respectively.

	1956 Total			<b>E</b> ST IMATED		
	Shipments (Annual) (1)	1957 Total Shipments	Feb. 1957	Feb. 1958	Cumulative 1957	Cumulativ 1958
	Ton	Ton	Ton	Ton	Ton	Ton
"A" PRIMARY OR CONCENTRATED FEEDS						
Calf Concentrates	0.020	2,131	160	166	303	332
Dairy and Cattle Concentrates Swine Concentrates	2,032 86,016 98,786	97,701 103,251	9,308 8,612	10,180 9,821	20,199 18,400	21,642
Poultry Concentrates Total Chick Starter	155,567 11,269	158,761 9,574	11,917 888	12,063 867	24,594 1,476	25,299 1,505
Broiler	17,556	18,104	1,293	1,791	2,807	3,705
Growing	27,692	26,709	1,210	1,255	2,449	2,479
Laying and Hatching	82,355	84,968	7,698	7,187	16,053	15,749
Fattening and Finishing Turkey	1,036	618 14,307	15 544	(3) 459	1,073	129 892
Other Poultry(2)	5,376	4,481	269	(3)	695	840
Total All Concentrates	342,760	361,844	29,991	32,230	63,496	68,898
"B" SECONDARY OR COMPLETE FEEDS						
D SECTIONAL ON COLL BELL 1 LLDS						
Calf Feeds	23,861	22,414	1,710	1,993	3,516	4,013
Dairy and Cattle Feeds Swine Feeds	386,017 529,335	439,301 527,100	41,333 43,077	42,144 47,667	88,484 91,926	88,486 104,273
Poultry Feeds Total	1,038,151	1,098,423	76,921	79,555	159,610	162,37
Chick Starter	107,334	87,818	8,954	8,068	14,746	13,600
Broiler	190,709	213,329	14,071	19,340	31,011	40,099
Growing Laying and Hatching	167,827 399,700	163,427 464,539	7,860 39,559	7,355 37,466	15,240 84,063	81,207
Fattening and Finishing	19,853	11,633	412	(3)	1,139	1,337
Turkey	129,827	134,909	4,382	4,655	9,723	8,314
Other Poultry	22,901	22,768	1,683	(3)	3,688	3,740
Total All Complete Feeds	1,977,364	2,087,238	163,041	171,359	343,536	359,143
"C" ALL OTHER ANIMAL PEEDS						
C AME OTHER ANDREE PERSON						
Dog and Cat Foods	60,521	65,934	4,934	5,907	10,033	12,037
Canned Biscuits	46,767 4,101	52,443 3,809	3,885	4,833	8,010 558	9,761
Other (Meals, etc.)	9,653	9,682	716	774	1,465	1,648
Mineral Mictures	9,574	9,492	1,021	1,015	2,000	2,340
Fox and Mink Foods	8,096	8,683	389	423	831	923
Scratch Feeds Other Animal Feeds	95,911 10,464	72,751 20,186	5,280	4,038	11,226	8,821
Chopped, Ground or Crushed Grain Feeds	623,232	354,247	2,069 26,245	1,968 25,665	3,717 54,048	3,725 63,165
Total Section "C"	807,798	531,293	39,938	39,016	81,855	91,011

Revised to agree with 1956 Annual.
 Includes concentrates not specified.
 Data not available.

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

			Newfou	ndland	Prince Isl	Edward and	Nova !	Scotia	New Bri	mswick	Queb	ec
			(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B
CALF CO	ONCENTRATES (2.3)											
	January February March April May June July August September October November December				2 2		2 1		6	3 -	33 48	
DAIRY A	AND CATTLE CONCENTRATES (6.	0)										
	January February March April May June July August September October November December		1		158 109	65 44	307 261	108 92	193 155	104 84	1,533 1,419	36 32
SWINE C	January February March April May June July August September October November December				248 221	100 89	65 49	30 23	128 88	58 40	2,865 2,216	51 39
POULTRY	Y CONCENTRATES TOTAL											
	January February March April May June July August September October November December		2 6	2 6	86 97	24 26	252 258	81 77	147 160	62 69	2,466 2,154	24

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons.

Ont	ario	Mani	toba	Saska	tchewan	Alt	erta	Brit Colu	ish mbia	Ex	port	TO	TAL
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
99 91	13 12	3 3	1 1	7 2	2 1	14 13	4	5	2			166 166	28 27
7,538 6,788	4,410 3,971	144 144	106 105	402 343	316 269	1,907 878	772 618	89 82	85 79	1 -	1	11,462 10,180	6,329 5,587
6,353 5,406	3,304 2,811	357 295	274 226	272 262	204 197	1,503	1,097 928	9 11	7 9	4 2		11,804 9,821	5,588 4,721
7,273 6,600	2,523 2,231	1,048	743 764	601 512	523 418	1,228	875 734	117 138	52 33	16	5	13,236 12,063	5,135 4,571

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such shown in tons. (Continued)

		Newfou	indland	Prince	Edward and	Nova :	Scotia	New Br	unswick	Quel	oec
		(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
ick	STARTER CONCENTRATES (3.3)										
	January February March April May June July August September October November December			2 2		14 30	4 8	11 23	4 8	148 200	
OIL	ER CONCENTRATES (3.3)										
	January February March April May June July August September October November December			2 4	1 2	4 10	1 1	3	3	682 581	
OWI	NG CONCENTRATES (5.0)  January February March April May June July August September October November December			9 23	3 7	24 31	8 10	10 27	5 12	101 115	
YIN	G AND HATCHING CONCENTRATES (5.0)										
	January February March April May June July August September October November December	2 6	2 6	71 66	18 17	189 171	49 44	123	52 44	1,414 1,173	

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Continued)

Ont	ario	Mani	toba	Saskat	chewan	Albe	erta	Briti Colum	sh Dia	Ехро	ort	то	TAL
(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
260 385	25 37	111 95	31 26	18 28	2 4	59 97	2 3	15 7				638 867	80 102
	32 29	86 101	44 52	10 18	10 18	102 71	14 10	41 94				1,914 1,791	103 116
977 876	268 240	18 64	14 50	35 52	29 43	37 62	27 46	13 5	9 4			1,224 1,255	384 435
4,496 3,837	1,969 1,681	751 700	596 556	470 295	428 269	997 803	812 654	33 31	30 28	16 1	5	8,562 7,187	4,151 3,456

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Concluded)

		Newfoundlan		rince Isla	Edward	Nova	Scotis	New Bru	nswick	Qui	ebec
lefter skemt in		(A) (B	)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
ACCUMENT TO THE PART OF THE PA											
ATTENING AND FINISHING CONCE	ANTRATES (8.0)										
January				-	-	1	1	-	-	(1)	
February March			_				-	-		(1)	
Apr 11											
May											
June											
July											
August September											
October											
November											
December											
URKEY CONCENTRATES (3.7)											
January			-	-		_	1	-	_	96	
February								1	1	64	
March									*		
April											
May											
June											
July August											
September											
October											
November				•							
December											
THER POULTRY CONCENTRATES (4	4.0)										
January	4.0)			2	2	-	18	3	1	24	
January February	4.0)			2 2	2	20 16	18 14	3 2	1 1	24 19	
January February March	4.0)										
January February March April	4.0)										
January February March April May	4.0)										
January February March April May June	4.0)										
January February March April May June July August	4.0)										
January February March April May June July August September	4.0)										
January February March April May June July August September October	4.0)										
January February March April May June July August September October November	4.0)										
January February March April May June July August September October	4.0)										
January February March April May June July August September October November December	4.0)										
January February March April May June July August September October November December	4.0)			2		16	14	2	1	19	
January February March April May June July August September October November December	4.0)	2	2	494	189	626	219	474	227	6,897	1,12
January February March April May June July August September October November December	4.0)	2 7	2 6 6	2		16	14	2	1	19	1, 11
January February March April May June July August September October November December  OTAL ALL CONCENTRATES  January February March	4.0)	2 7	2 6 6	494	189	626	219	474	227	6,897	1, 12
January February March April May June July August September October November December  OTAL ALL CONCENTRATES  January February March April	4.0)	2 7	2 6	494	189	626	219	474	227	6,897	1, 12
January February March April May June July August September October November December  OTAL ALL CONCENTRATES  January February March April May	4.0)	2 7	2 6 6	494	189	626	219	474	227	6,897	1, 12
January February March April May June July August September October November December  OTAL ALL CONCENTRATES  January February March April May June July	4.0)	2 7	2 6 6	494	189	626	219	474	227	6,897	1, 12
January February March April May June July August September October November December  OTAL ALL CONCENTRATES  January February March April May June July August	4.0)	2 7	2 6	494	189	626	219	474	227	6,897	1, 12
January February March April May June July August September October November December  OTAL ALL CONCENTRATES  January February March April May June July August September	4.0)	2 7	266	494	189	626	219	474	227	6,897	1, 12
January February March April May June July August September October November December  OTAL ALL CONCENTRATES  January February March April May June July August September  OTAL ALL CONCENTRATES	4.0)	2 7	2 6 6	494	189	626	219	474	227	6,897	1, 12, 12, 94
January February March April May June July August September October November December  OTAL ALL CONCENTRATES  January February March April May June July August September	4.0)	2 7	2 6 6	494	189	626	219	474	227	6,897	1, 12

<sup>(3)</sup> Data not available.

Table 2 - PRIMARY OR CONCENTRATED FEEDS. Volume of monthly shipments of primary or concentrated feeds by principal commodities, provincial destination and export, 1958 showing separately (a) total primary feeds shipped to all sources and (b) primary feeds reaching farm level as such, shown in tons. (Concluded)

Ont	tario	Mani	toba	Saskat	chewan	Alb	erta		tish mbia	Expe	ort	TOT	AL
(A)	(B)	(A)	(B)	(A)	(8)	(A)	(B)	(A)	(B)	(A)	(B)	(A)	(B)
15 (3)	5 (3)					1 -	1				1	18 (3)	7 (3)
182 150	21 17	82 111	58 78	42 103	28 68	26 29	19 21	5 1	3 1			433 459	132 188
356 (3)	203 (3)	2	2	26 16	<b>2</b> 6 16	6 2		10	10			447 (3)	278 (3)
21,263	10,250 9,025	1,552 1,515		1,282 1,119	1,045 885	3,842 3,226	2,748 2,284	215 236	144 123	21 3	7	36,668 32,230	17,080 14,906

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1957 - 1958 shown in tons.

	Newfour	dland	Prince Isla		Nova S	Scotia	New Bru	mswick	Quebe	c
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
CALF FEEDS										
January February March April May June July August September October November December	2 -2 3 2 4 2 5 4 7 14	1 14	18 24 34 33 56 52 82 51 36 25 16	19 27	53 53 51 49 57 39 51 49 41 34 39 40	54 40	39 36 43 55 63 53 51 60 35 33 32 29	39 45	240 280 408 483 726 648 512 440 256 183 194 205	28 33.
DAIRY AND CATTLE FEEDS										
January February March April May June July August September October November December	368 237 319 334 354 182 189 242 358 429 584 694	346 344	748 695 768 630 700 286 309 520 449 434 391 784	681 564	3,262 2,905 2,803 3,346 2,619 924 1,512 2,083 2,005 2,398 2,759 3,462	3,338 3,109	2,029 1,566 1,824 2,023 1,801 693 871 1,075 1,137 1,620 1,643 1,677	1,784 1,585	9,236 9,092 12,228 11,297 12,206 5,862 7,268 9,822 10,250 11,901 12,526 10,696	9,64 9,29
SWINE FEEDS										
January February March April May June July August September October November December	20 31 31 40 44 47 48 50 76 74 72	20 26	1,434 1,212 1,427 808 947 738 1,346 1,300 1,437 1,406 1,096	1,299 1,195	728 650 607 521 594 552 711 760 808 786 798 973	827 682	1,014 869 850 613 670 550 726 1,016 1,074 1,008 880 1,073	1,127 912	16,976 16,069 16,421 10,329 18,055 11,933 14,258 18,564 17,664 19,021 19,661 20,394	22,56 18,04
POULTRY FEEDS TOTAL										
January February March April May June July August September October November December	356 331 413 343 528 402 476 473 498 574 683 371	388 444	586 515 695 607 932 739 1,027 749 753 533 541	449 537	3,913 4,182 4,116 4,460 4,994 4,287 4,696 4,739 4,521 4,492 3,942 4,503	4,120 4,024	1,809 1,651 1,832 2,260 2,325 2,167 2,414 2,418 2,093 2,051 1,609 1,687	1,787 1,814	19,567 19,238 21,519 18,634 24,787 23,115 25,275 29,056 23,857 23,535 20,981 18,903	19,92 18,19

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1957 - 1958 shown in tons.

Onta	rio	Manit	oba	Saskat	chewan	Albe	rta	Briti		Ехр	ort	тот.	AL
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
1,164 1,026 1,261 1,335 1,416 1,285 1,090 984 874 897 961 1,110	1,297 1,237	47 53 46 63 55 45 25 27 27 40 35 46	50 46	77 93 92 88 57 55 41 36 42 59 76 78	106 89	87 78 98 87 79 60 37 48 54 53 86	89 87	72 70 65 46 53 41 51 40 38 87 61	81 73	1 3 2 3 1 5 2 2 2 2 1	2 2	1,800 1,716 2,102 2,245 2,565 2,287 1,944 1,742 1,409 1,419 1,515 1,670	2,020 1,993
21,493 18,201 19,882 11,176 12,210 7,029 8,387 9,619 11,179 14,980 19,629 21,799	21,788 19,788	292 311 278 196 183 94 83 120 182 169 388 351	290 323	490 481 488 379 204 174 83 229 293 318 752 484	569 523	2,114 1,644 2,028 1,394 1,485 263 855 1,228 906 1,023 1,717 1,690	2,165 1,736	6,862 6,390 6,061 5,052 3,989 3,267 4,020 3,741 3,997 4,831 4,939 5,537	5,716 4,864	27 41 65 35 49 34 8 11 25 11	22 10	46,921 41,563 46,744 35,862 35,800 18,808 23,485 28,690 30,781 38,114 45,345 47,188	46,342 42,144
25,609 21,577 20,281 20,187 19,102 17,584 20,712 20,292 20,113 22,434 22,450 24,913	26,133 22,812	493 418 421 422 446 480 430 523 640 566 676 543	716 612	369 319 404 268 356 435 417 536 587 454 702 508	577 565	1,861 1,715 2,115 1,479 1,556 1,517 1,496 2,198 2,194 2,060 2,747 2,302	3,039 2,584	284 257 227 223 241 216 291 268 296 297 253 243	271 221	9 12 22 45 23 71 23 9 21 36 39 7	32 18	48,797 43,129 42,803 34,935 42,034 34,123 40,458 45,516 44,910 48,142 49,374 52,879	56,606 47,667
42,888 37,709 41,719 48,352 53,125 49,110 51,494 47,035 47,114 47,184 41,943 40,473	42,182 39,569	1,375 1,644 2,548 2,979 3,820 2,571 1,974 1,763 1,506 1,566 1,673 1,457	1,714 1,922	753 1,684 2,534 2,277 2,672 1,809 970 913 899 752 848 679	1,180 2,056	2,016 2,780 5,096 4,066 4,965 2,891 2,141 2,417 1,486 1,652 1,996 1,507	2,103 2,769	8,599 7,592 8,375 8,982 10,685 9,891 10,646 11,437 10,021 10,156 8,397 8,464	8,740 8,116	202 220 256 223 458 318 233 186 216 146 223 191	229 124	82,064 77,546 89,103 93,183 109,291 97,300 101,346 101,186 92,964 92,641 82,836 78,963	82,816 79,573

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1957 - 1958 shown in tons. (Continued)

	Newfoun	dland	Prince Isla		Nova S	Scotia	New Br	unswick	Quebe	c
	1957	1958	1957	1958	1957	1958	1957	1958	1957	195
ICK STARTER FEEDS										
January	8	11	23	18	487	295	116	93	1,514	1,2
February	19	14		35	435	384	176	167	1,810	1,6
March	29		91		357		252		2,797	
April	21		116		380		340		2,992	
May	26		214		299		290		3,930	
June	10		130		253		182		3,290	
July	12		92		117		89 51		2,410	
August	1 4		12 13		30		17		2,026	
September October	13		2		57		22		782	
November	17		2		96		23		801	
December	16		8		285		37		822	
OILER FEEDS										
January		1	4	18	193	338	239	260	4,675	5,
February	1	L	3	21	234	319	130	252	4,189	5,
March	15		16	21	207	317	141	232	4,775	71
April	6		8		176		216		3,950	
May	-		9		304		295		6,112	
June	-		24		188		143		5,281	
July	1		23		146		234		5,987	
August			13		323		168		5,525	
September	-		14		332		160		5,277	
October	-				365		232		5,990	
November			17		283		185 198		5,059	
December			12		368		170		5,276	
OWING FEEDS										
	10	13	128	37	482	480	118	87	1,017	
January	14		85		945	596	161	197	1,248	1,
February March	30	50	121	102	1,298	390	280	197	1,729	Υ 2
April	50		147		1,376		451		1,859	
May	51		286		1,549		631		3,321	
June	46		287		1,179		776		3,783	
July	51		458		1,173		871		5,056	
August	46		316		964		829		5,863	
September	20		252		603		421		3,361	
October	24		149		349		236		2,191	
November	11		97		178		120		1,142	
December	15		219		371		77		854	
YING AND HATCHING FEEDS										
January	331	359	385	361	2,667	2,921	1,176	1,235	9,748	10,
February		377	343	360	2,501	2,636	1,041	1,080	9,953	8,
March	337		450		2,156		980		10,275	
April	264		306		2,392		921		7,832	
May	403		384		2,614		843		7,986	
June	334		271		2,438		770		6,772	
July	382		359		2,732		813		6,820	
August	421		291		2,993		864		9,558	
September	465		253		3,086		1,008		8,782	
October	513		234		3,329		1,077		9,373	
November	643		275		3,143		939		10,098	
December	342		402		3,181		1,194		10,076	

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export 1957 - 1958 shown in tons. (Continued)

Onta	rio	Manit	oba	Saskato	hewan	Albe	rta_	Briti		Ехро	ort	TOTA	AL .
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
2,417 3,237 4,294 5,898 5,889 3,667 1,794 825 666 924 1,117 1,417	2,034 2,694	263 596 929 1,459 1,217 583 230 113 136 192 276 251	469 594	332 954 1,282 1,194 1,148 390 34 39 55 59 63	459 962	371 1,124 2,459 1,870 1,762 548 117 152 61 90 117 179	482 1,120	335 450 830 917 911 461 290 256 178 217 176 221	362 430	19 17 21 14 39 24 19 13 12 9 20	13 9	5,885 8,861 13,341 15,201 15,725 9,538 5,204 3,569 2,068 2,367 2,708 3,351	5,532 8,068
10,369 8,401 9,055 10,551 11,997 9,899 10,782 10,167 10,676 12,033 10,558 10,710	12,495 11,418	197 97 167 120 168 199 205 271 176 195 123 155	152 167	9 10 9 17 20 25 19 23 36 19 6 4	13 14	390 261 391 299 575 423 449 564 226 293 375 267	390 298	805 729 845 999 1,195 1,181 1,149 1,411 1,358 1,309 959 1,088	1,197 1,463	40 35 49 30 77 31 32 26 27 25 30 127	28 21	16,921 14,090 15,672 16,372 20,752 17,394 19,127 18,451 18,282 20,468 17,595 18,205	20,759 19,340
4,782 4,673 6,405 8,630 11,567 11,975 12,998 9,803 7,936 6,130 4,068 4,246	4,547 4,466	12 31 73 183 384 360 234 154 65 35 13	24 121	28 64 117 132 248 200 88 43 33 10 5	<b>44</b> 96	93 107 392 684 1,046 788 596 434 182 91 26	77 119	567 562 923 1,207 1,642 1,834 2,014 1,610 853 612 409 381	566 550	54 59 77 73 156 146 95 32 50 38 46	44 30	7,291 7,949 11,445 14,792 20,881 21,374 23,634 20,094 13,776 9,865 6,115 6,211	6,719 7,355
21,745 18,301 18,550 18,452 16,841 15,348 15,757 15,692 17,358 17,868 19,299 20,283	19,915 17,124	790 701 660 545 622 548 499 634 712 839 959 885	884 783	243 195 183 130 136 127 139 170 205 253 379 285	308 197	1,080 920 999 598 624 489 486 691 714 943 1,177	1,039 867	6,208 5,371 5,122 5,154 5,636 4,896 5,002 5,616 5,534 6,095 5,668 6,309	6,273 5,251	79 93 97 101 163 111 81 106 121 74 124 52	142 64	44,452 39,611 39,809 36,695 36,252 32,104 33,070 37,036 38,238 40,598 42,704 43,970	43,741 37,466

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export, 1957 - 1958, shown in tons. (Concluded)

	Newfound	dland	Prince Islan	Edward	Nova	Scotia	New Br	unswick	Quebe	C
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
TTENING AND FINISHING FEED	<u>os</u>									
January			2	2	5	6	58	10	318	2
February	-	-	-	-	1	10	59	11	187	1:
March			-		1		29		181 167	
April May	17		3		18		20 66		234	
June	-		_		17		32		359	
July			2		16		58		487	
August	-		12		17		92		637	
September	-		32		33		126		703	
October	•		29		42		128		971 903	
November December			32 10		42 26		74 38		406	
becember			10		20		50		400	
RKEY FEEDS										
January	7	4	21	1	31	44	20	25	1,863	9
February	5	-	12	1	18	40	19	42	1,458	9
March	2		11		69		55		1,351	
April	1		20		89		205		1,435	
May	28		30		205		105		2,715	
June	12		23 89		178 328		168 242		3,170	
July August	30 5		96		313		308		4,025 4,882	
September	9		182		392		271		4,398	
October	24		106		318		248		3,796	
November	10		109		1.78		172		2,543	
December	6		65		232		70		1,039	
THER POULTRY FEEDS										
Yenunu			23	12	48	36	82	77	432	4
January February		3	29	18	48	39	65	65	393	
March		-	6	~ ~	28		95	-	411	
April	1		7		29		107		399	
May	3		6		21		95		489	
June	-		4		34		96		460	
July	₩		4 9		84 48		107 106		490 565	
August September			7		45		90		440	
October			6		32		108		432	
November	2		9		22		96		435	
December			12		40		73		430	
OTAL ALL SECONDARY FEEDS										
T	7//	700	0.706	0 445	7 056	0 220	4 901	4 727	46 010	50
January February	746 599	755 828	2,786	2,448	7,956	8,339 7,855	4,891	4,737	46,019 44,679	52,4
March	765	020	2,446	2,323	7,577	7,000	4, 549	4,330	50,576	439
April	720		2,078		8,376		4,951		40,743	
May	928		2,635		8,264		4,859		55,774	
June	635		1,815		5,802		3,463		41,558	
July	715		2,764		6,870		4,062		47,313	
August	770		2,620		7,631		4,569		57,882	
	936		2,675		7,375		4,339		52,027	
September			0 300						E1. £1.0	
October November	1,084 1,353		2,398		7,710		4,712		54,640 53,362	

Table 3 - SECONDARY OR COMPLETE FEEDS. Volume of monthly shipments of secondary or complete feeds by principal commodities, provincial destination and export 1957 - 1958 shown in tons. (Concluded)

Ontar	rio	Manit	oba	Saskato	chewan	Alber	ta	Briti Colum		Ехро	rt	тот	AL
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
295 146 107 161 115 154 134 207 476 608 462 290	165 (3)	7 3 5 21 25 18 19 10 12 31 175 8	13 2	3 		3 2 5 3 15 16 22 41 58 65 166 20		23 30 17 26 52 52 89 134 149 80 103 46	25 36	3 1 3		711 428 348 419 532 649 829 1,157 1,605 1,972 2,134 849	441 (3)
2,059 2,025 2,368 3,564 5,599 6,978 8,894 9,905 8,248 5,202 2,298	1,745 2,032	105 216 714 650 1,400 863 787 581 405 273 126 148	172 253	136 454 932 800 1,117 1,063 680 630 552 390 204 261	349 781	66 319 705 595 940 560 438 468 233 160 132 49	77 342	479 409 513 624 1,142 1,333 1,943 2,286 1,819 1,726 935 270	264 257	1		4,787 4,936 6,720 7,983 13,281 14,348 17,456 18,894 17,166 15,289 9,611 4,438	3,659 4,655
1,221 976 938 1,096 1,117 1,089 1,135 1,056 1,097 1,373 1,237	1,281 (3)	1 4 - 1 1 1 1 - 1	2	5 7 8 4 3 4 8 4 2 3 14 2	7 6	13 47 145 17 3 67 33 67 12 10	38 23	182 141 125 55 107 134 159 124 130 117 147	53 129	10 15 12 5 20 5 6 6	1	2,017 1,671 1,768 1,721 1,868 1,893 2,026 1,985 1,829 2,082 1,969 1,939	1,965 (3)
91,154 78,513 83,143 81,050 85,853 75,008 81,683 77,930 79,280 85,495 84,983 88,295	91,400 83,406	2,207 2,426 3,293 3,660 4,504 3,190 2,512 2,433 2,355 2,341 2,772 2,397	2,770 2,903	1,689 2,577 3,518 3,012 3,289 2,473 1,511 1,714 1,821 1,583 2,378 1,749	2,432 3,233	6,078 6,217 9,337 7,026 8,085 4,731 4,529 5,891 4,640 4,788 6,546 5,566	7,396 7,176	15,817 14,309 14,725 14,303 14,968 13,415 15,008 13,486 14,352 15,371 13,650 14,321	14,808 13,274	239 276 345 306 531 428 266 208 264 194 280 212	285 154	179,582 163,954 180,752 166,225 189,690 152,518 167,233 177,134 170,064 180,316 179,070 180,700	187,784 171,359

<sup>(3)</sup> Data not available.

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1957 - 1958, shown in tons.

		Newfour	ndland	Prince Isla		Nova S	cotia_	New Bru	nswick	Quel	ес
								1057	1958	1957	1958
		1957	1958	1957	1958	1957	1958	1957	1938	1937	1900
OG AND	CAT FOODS TOTAL										
	January February March April May June July August September October November December	7 (1) 12 22 25 37 9 26 24 28 94	16 17	11 (1) 22 12 30 13 23 17 33 14 23 12	18 17	178 184 357 115 166 212 302 166 312 218 318 203	268 262	115 87 147 83 87 159 45 87 137 97 172 71	133 105	1,539 759 692 564 540 690 677 606 884 685 883 586	83 75
ANNED											
	January February March April May June July August September October November December	5 (1) 10 20 22 35 7 22 22 25 90 13	11 14	6 (1) 18 5 5 7 14 6 7 4 19 5	12 9	144 154 323 92 136 188 282 131 281 191 282 178	237 232	101 73 131 70 74 149 33 70 125 83 154 59	121 92	1,434 720 614 492 460 612 588 523 789 572 773 502	7:
ISCUIT	rs										
	January February March April May June July August September October November December	1 - 2 - 1	1	1 1 2 2 2	1	9 6 5 5 5 5 5 4 7 5 6 6 5 3	4.	3 2 3 4 2 4 2 2 - 3 3 1	1 2	48 19 30 28 28 30 29 35 36 44 37 34	
THER (	(MEALS, ETC.)		-								
	January February March April May June July August September October November December	1 1 2 - 3 1 2 3 2 3 4 4	3	8	5 8	25 24 29 18 25 19 16 28 26 21 31	27 26	11 12 13 9 11 6 10 15 12 11	11	57 40 48 44 52 48 60 48 59 69 73	

<sup>(1)</sup> Data Not Available.

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1957 - 1958 shown in tons.

Ontari	Lo	Mani	toba	Saskat	chewan	Albei	rta	Briti		Expo	ort	TOTA	L
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
2,408 2,199 2,412 2,142 2,719 2,551 2,425 2,550 2,980 2,922 3,018 2,175	2,846 2,881	63 67 259 161 171 197 202 258 235 201 209 162	197 173	59 80 173 108 123 186 142 131 162 115 147 90	169 109	239 222 339 418 365 333 374 377 520 426 397 284	378 391	805 808 1,197 980 1,231 1,099 1,198 1,070 1,222 1,142 1,183 1,038	1,218 1,124	53 45 51 59 41 49 65 57 45 74 121	59 71	5,477 4,556 5,661 4,664 5,498 5,536 5,462 5,345 6,554 5,922 6,565 4,694	6,130 5,907
1,817 1,647 1,771 1,690 2,202 2,048 1,920 1,966 2,402 2,225 2,330 1,639	2,212 2,322	44 50 230 147 154 170 179 221 204 158 178	168 151	46 61 145 89 106 164 109 94 126 88 113 72	146 90	187 175 267 354 297 271 308 294 418 360 305 228	313 328	590 583 884 736 889 892 891 740 915 813 862 772	916 863	51 44 49 39 41 41 50 57 45 74 104 39	59 62	4,425 3,585 4,442 3,734 4,386 4,577 4,381 4,124 5,334 4,593 5,210 - 3,652	4,928 4,833
233 208 262 195 206 190 205 227 204 279 221 213	222 197	1 6 3 3 3 3 8 4 6 5 4	6 5	1 3 3 4 2 1 1 1 3 2 2 2 2 2	4 2	3 2 10 12 7 6 5 19 9 13 7 8	9 9	6 13 50 49 57 37 44 56 43 47 44 43	45 47	1	1	304 254 369 302 310 277 294 359 303 402 325 310	324 300
358	412	19	23	12	19	49	56	209	257	2		748	87
356 344 379 257 311 323 300 357 374 418 467 323	362	16 23 11 14 24 20 29 27 37 26 13	17	16 25 15 15 21 32 34 34 25 32	17	45 62 52 61 56 61 64 93 53 85 48	54	212 263 195 285 170 263 274 264 282 277 223	214	1 2 20 8 15 - - 16 20	8	717 850 628 802 682 787 862 917 927 1,030	774

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export 1957 - 1958 shown in tons.

	Newfound	land	Prince   Islan		Nova S	Scotia	New Bru	inswick	Queb	ec
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
INERAL MIXTURES										
January		-	5	14	4	12	3	9	196	22
February	2	-	7	12	10	4	5	2	216 206	20
March April			5 2		8		2		161	
May			2		5		3		206	
June			1		4		3		112	
July	-		3		6		4		103 180	
August Se <b>p</b> tember			2 3		9		7 8		190	
October			5		6		6		183	
November	-		4		10		12		214	
December	1		7		14		7		279	
OX AND MINK FOODS										
	-	0.5	c	0	2	31	5	6	43	3
January February	5 -	25 1	5	2 3	3 6	10	5 4	18	45	3
March	25	_	2		3		7		45	
April	5		3		28		4		52	
May	25		10		9		8		44	
June July	1 32		2 17		19 85		3 30		83 126	
August	45		14		45		19		118	
September	51		3		56		17		147	
October	25		14		44		18		147	
November December	34 5		7		38 12		12 5		96 71	
Developer										
SCRATCH FEEDS										
January	328	322	11	3	1,390	1,407	616	508	1,443	86
February	308	339	6	11	1,521	1,147	542	437	1,325	85
March	311		3		1,443		535		1,135	
April May	396 541		23 18		1,599		518 727		1,233	
June	395		13		1,853		527		1,079	
July	515		18		1,901		650		1,367	
August	524		18		2,197		639		1,524	
September	821 883		13		2,255		788 642		1,492 1,528	
October November	748		9		1,670		545		1,372	
December	253		11		1,955		571		1,005	
ALL OTHER ANIMAL FOODS										
						000	- 0	0.0		13
January February	15 14	12	8	2 21	215 331	290 278	23 21	22 30	146 130	10
March	7	10	6	21	309	210	25	30	138	10
April	6		3		241		34		144	
May	6		7		261		27		845	
June	4		8		142		11		131	
July August	2 9		6 5		175 224		20 35		161 163	
September	9		4		268		16		178	
October	(1)		2		(1)		21		157	
November	27		4		226		19		141	
December	11		5		266		22		143	

<sup>(1)</sup> Data not available.

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export 1957 - 1958 shown in tons.

Ontar	10	Manii	toba	Saskato	hewan	Albei	cta	Briti		Exy	ort	то	TAL
957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
							0.04						
426	537	47	68	52	113 65	228	324 223	19	20 17	-	-	980	1,3
430 383	443	48 38	44	68 50	0)	226 202	223	8 4	1.7	-	-	1,020 897	1,0
330		22		32		142		8				705	
212		25		25		94		3		-		575	
254		12		22		66		1				475	
230 262		20 21		3 35		67 102		7 61				443 679	
342		31		25		131		9		-		749	
349		21		42		122		5		-		739	
410		64		79		254		15		-		1,062	
465		54		94		242		5				1,168	
170	186	113	134	9	3	13	17	71	57			437	5
139	143	138	137	14	15	11	35	31 42	20	1	2	394 414	
136		112		6		10		54				410	
148		188		(1)		13		33		(1)		503	
216		167		25		29		94		3		642	
383		225		25		49		121		-		1,093	
420 386		252 254		29 29		36 44		32 139		2		1,010	
496		232		22		50		144		-		1,192	
387		192		11		99		96		-		972	
220		110		4		12		46				488	
,122	808	10	11	1	10	71	43	623	534	82	275	5,697	4,7
993	689	24	9	3	1	111	50	463	372	233	128	5,529	4,0
976		21		9		141		520		132		5,226	
981		14		11		91		541		158		5,565	
123		28 30		3		91 145		623 548		136		6,546	
147		47		7		74		444		87 82		5,827 6,330	
288		6		3		146		456		104		6,905	
204		20		1		62		298		142		7,096	
201		13		3		45		395		143		6,898	
994 930		35 20		1		27 34		311		192 112		5,904 5,228	
,,,,		20				2,04		337		112		3,220	
468 766	965 821	645 516	201	33 34	25 61	16 109	5 26	73 146	101	2 2	2	1,644 2,073	1,1
667		523		36		36		106		2		1,855	- 1
314		414		83		11		87		1		1,338	
347		339		53		36		130		-		2,051	
		252 211		19 14		7 8		78 88		2		1,479	
825		151		32		7		70		5		1,653	
825 968				43		5		77		_		1,487	
825 968 898		285		4.3								44401	
825 968 898 602 603		211		20		5		123		1		1,624	
825 968 898 602												1,624 1,488 1,895	

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1957 - 1958, shown in tons. (Concluded)

	Newfour	ndland		Prince Edward Island		Nova Scotia		New Brunswick		c
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
PED, GROUND OR CRUSHED	FEEDS									
January	749	299	68	122	2,527	3,690	788	1,462	4,122	4,55
February	158	184	104	83	2,628	2,480	716	882	4,133	3,13
March	72		126		2,344		785		5,332	
April	90		119		2,380		684		4,097	
May	220		97		3,262		767		3,737	
June	104		76		1,300		472		3,053	
July	104		238		2,178		724		3,982	
August	205		72		2,448		756		4,237	
September	310		187		2,552		839		3,978	
October	266		50		2,599		914		4,529	
	284		83		902		1,073		4,475	
November										

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

					Shipped	to or sol	d 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	.208	.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 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 Con- contrates	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.

Table 4 - ALL OTHER ANIMAL FEEDS. Volume of monthly shipments of other prepared stock feeds by principal commodities, provincial destination and export, 1957 - 1958, shown in tons. (Concluded)

Onta	rio	Manitoba		Saskatchewan		Alberta		British Columbia		Export		TOTAL	
1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
4,468 4,334 4,716 4,036	3,164 4,079	655 472 450 324	1,015 767	68 86 61 65	65 148	572 475 684 1,188	547 702	12,046 12,229 11,117 11,891	11,754 9,950	1,404 1,246 1,458 3,791	4,615 3,251	27,467 26,581 27,145 28,665	31,28 25,66
5,051 6,316 5,378 6,224 6,302		821 641 781 1,094 641		486 72 112 58 101		637 443 882 590 846		9,799 11,606 11,740 14,425 10,688		3,960 3,532 3,503 4,932 4,417		28,837 25,615 29,622 34,041 28,861	
,439 ,900 ,205		1,123 583 565		119 133 86		745 724 544		11,272 11,308 11,783		6,095 8,914 1,512		32,151 36,379 28,883	

# 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, 1958 1,533 tons of Dairy and Cattle concentrates, of which 362 tons were used or sold directly for use to the farmer and other such consumers. In other words, 1,171 tons moved into the hands of secondary manufacturers for further use in manufacturing complete feeds. In order to obtain the finished feeds resulting from the conversion of 1,171 tons of Dairy and Cattle concentrates, we make use of the conversion factor as follows:

1,171 x 6.0 = 7,026 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 9,643 tons. The summary would appear as follows.

Total shipments = 9,643 tons

Shipments by secondary manufacturers (1) = 7,026 tons

Shipments by manufacturers (2) = 2,617 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 (9,643 tons) by 6.0 and add 362 tons of concentrates moving out of the industry thus:

$$\frac{9,643}{6.0}$$
 = 1,607 + 362 = 1,969 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 9,643 tons (see page 10)

Estimated feeds produced from concentrates sold

outside the industry from which would be 362 x 6.0 = 2,172 tons (see page 4)

Total supply of finished feeds used as finished feeds or in the form of concentrates 11,815 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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