



CA Commercial Feed Tonnage Report 2025



The California Department of Food and Agriculture (CDFA) Commercial Feed Regulatory Program (CFRP) is funded by the feed industry with an annual license fee and quarterly tonnage tax. The 2025 tonnage tax rate was thirteen cents (\$0.13) per ton of feed distributed to the end-user in the State. Certain human food by-products were eligible for half the rate at six and a half cents (\$0.065) per ton to incentivize diversion of by-products to commercial feed.

CDFA Safe Animal Feed Education (SAFE) Program has evaluated 2025 tonnage data to provide the annual Commercial Feed Tonnage Report. Categorization of feed type in this report is an estimate rather than exactly as provided by the licensee, as some tonnage is re-categorized during data review based on the written description of the product/commodity.

Over 24 million tons were reported to the CFRP in 2025, with 29% as mixed/formula feeds and 3% vitamin and mineral ingredients, premixes, or supplements (**Figure 1, Table 1**). “Formula feed” is defined as any two or more feed ingredients, proportioned, mixed, and processed according to specifications. The remaining tonnage reported represents single ingredients and commodities. A total of about 51% of the tonnage reported was categorized as by-products (**Figure 5**), and 15% was categorized as grains and seeds. All other feed types made up 1% or less of the total tonnage (**Figure 1, Table 1**). The majority (58%) of tonnage reported was identified as intended for dairy cattle/calves (**Figure 2**).

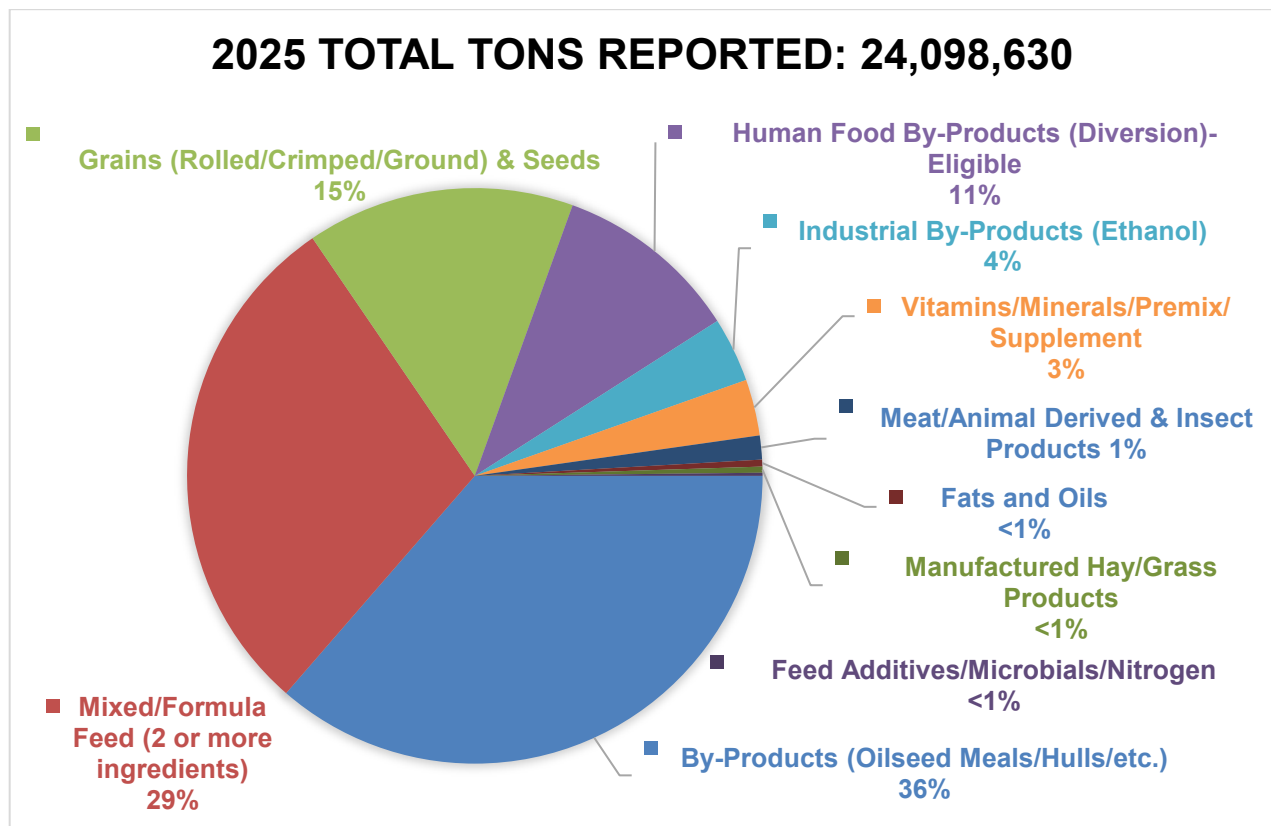


Figure 1. The percentage of 2025 total tonnage in each feed type.

Table 1. Total tonnage in each feed type in 2025.

Feed Type	Tons
By-Products (Oilseed Meals/Hulls/etc.)	8,595,410
Mixed/Formula Feed (2 or more ingredients)	7,009,383
Grains (Rolled/Crimped/Ground) & Seeds	3,628,270
Human Food By-Products (Diversion)-Eligible	2,685,524
Industrial By-Products (Ethanol)	877,517
Vitamins/Minerals/Premix/Supplement	761,128
Meat/Animal Derived & Insect Products	324,184
Fats and Oils	93,328
Manufactured Hay/Grass Products	82,122
Feed Additives/Microbials/Nitrogen	41,764
Total	24,098,630

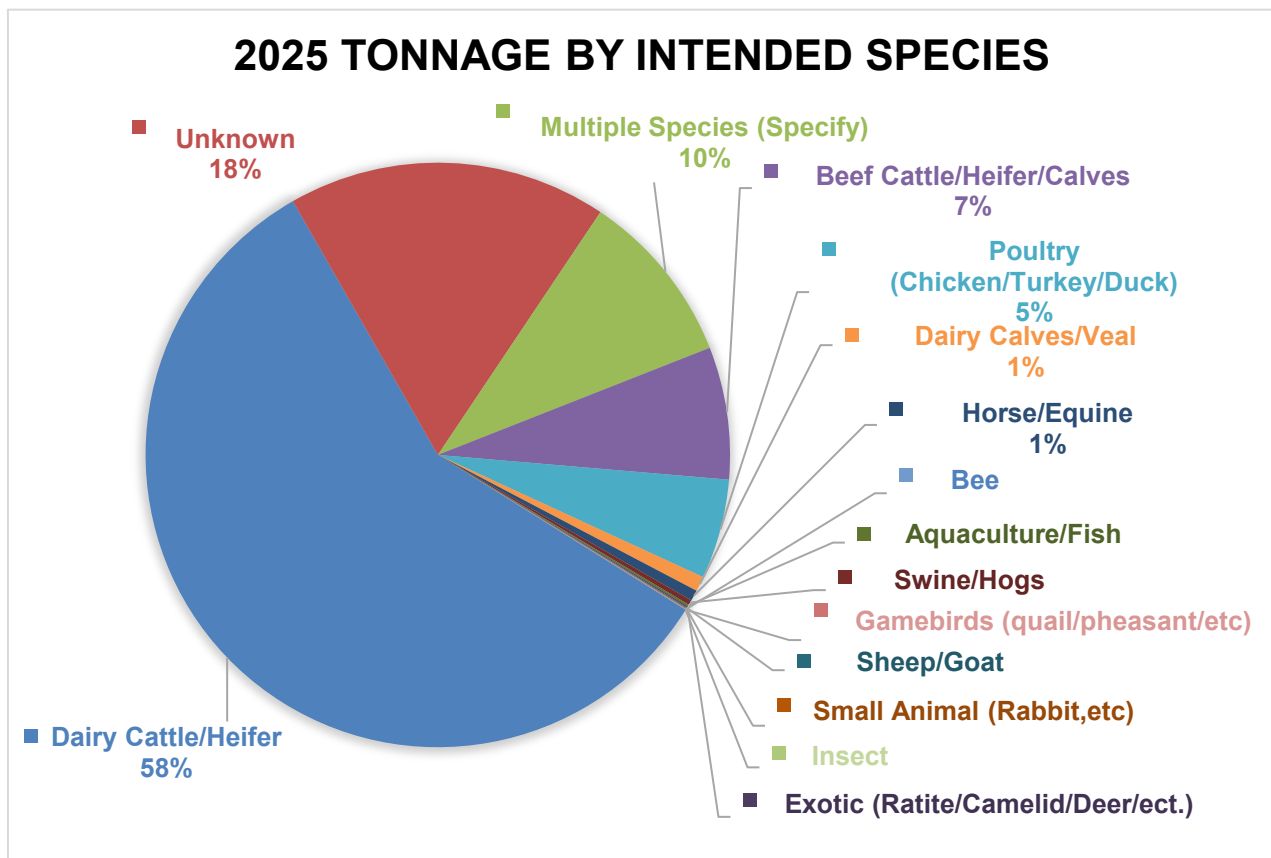


Figure 2. Total tonnage reported in 2025 by intended species of animal. Species without a percentage label made up less than 1%.

Formula Feeds, Supplements, Premixes

Under “mixed/formula feed” and “vitamins/minerals” the available categories were “medicated” or “non-medicated.” “Medicated” includes both feeds medicated with Veterinary Feed Directive (VFD) drugs and all other animal drugs such as monensin and decoquinate. Less than 5% of the tonnage reported for mixed/formula feeds was medicated feed (**Figure 3, Table 2**), and 11% of tonnage for vitamins/minerals/premix/supplements was medicated premixes (**Figure 4, Table 3**).

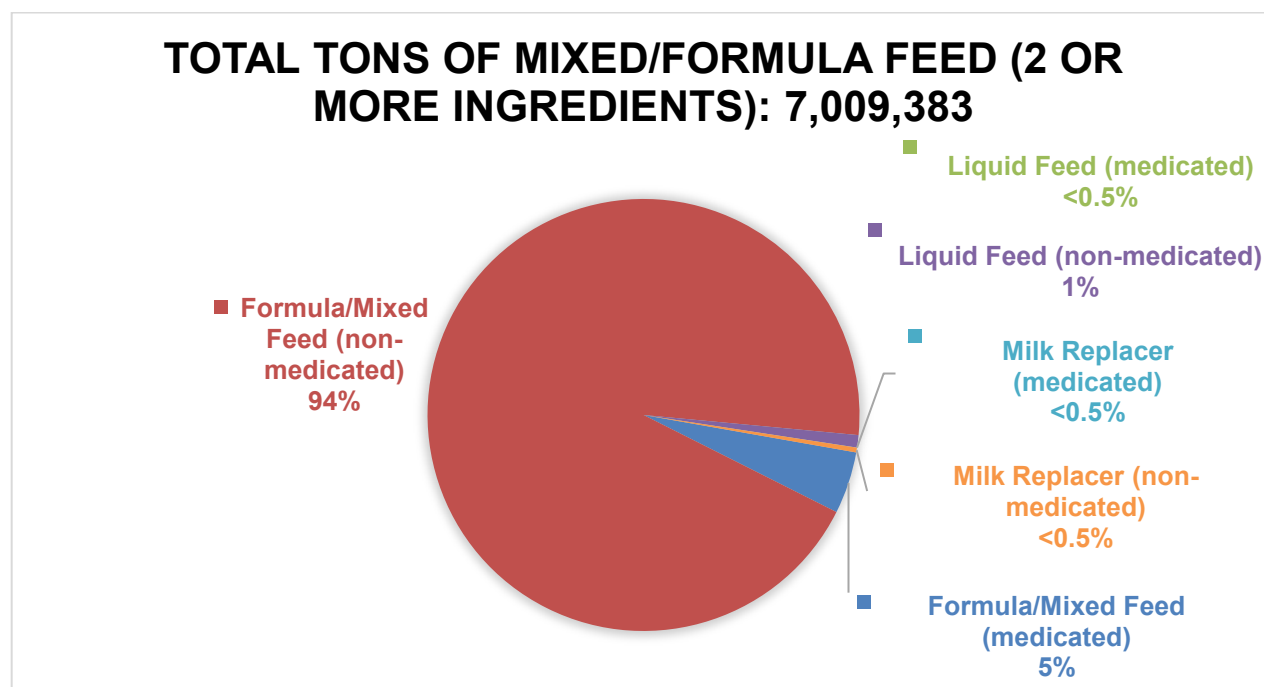


Figure 3. Percentage of tonnage for mixed/formula feeds.

Table 2. Tonnage by feed category for mixed/formula feeds.

Mixed/Formula Feed (2 or more ingredients)	Tons
Formula/Mixed Feed (non-medicated)	6,593,680
Formula/Mixed Feed (medicated)	325,283
Liquid Feed (non-medicated)	64,756
Milk Replacer (non-medicated)	25,009
Milk Replacer (medicated)	570
Liquid Feed (medicated)	85
Total	7,009,383

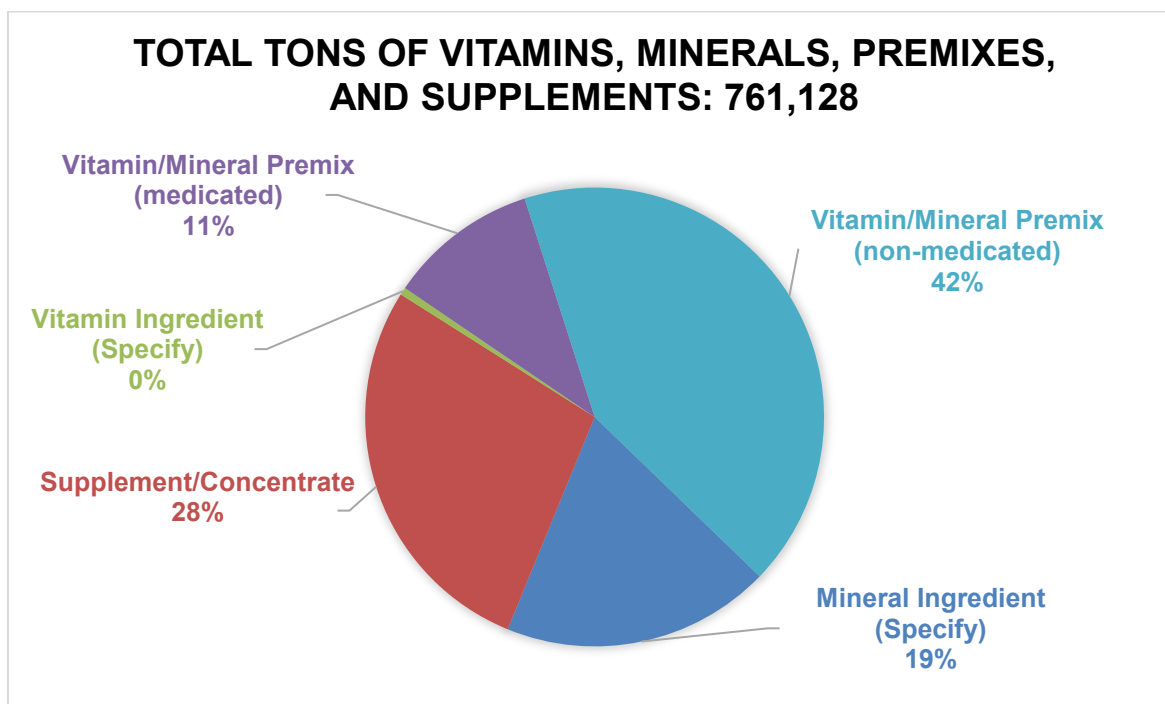


Figure 4. Percentage of tonnage for vitamins/minerals/premix/supplements.

Table 3. Tonnage by feed category for vitamins/minerals/premix/supplements.

Vitamins/Minerals/Premix/Supplement	Tons
Vitamin/Mineral Premix (non-medicated)	320,898
Supplement/Concentrate	211,454
Mineral Ingredient (Specify)	144,370
Vitamin/Mineral Premix (medicated)	80,353
Vitamin Ingredient (Specify)	4,054
Total	761,128

Commodities and Feed Additives

In the grain and seeds feed type (**Table 4**), the highest commodity reported was corn. The next highest was “mixed grains,” which may represent a mixture of grains such as a corn/barley mix or may have been used to report the tonnage of several individual grain commodities without distinguishing between them. Whole grains that are unprocessed and unmixed are exempt from tonnage tax, and therefore not reported. Whole hay is also exempt from tonnage tax and therefore not reported, however, manufactured hay products such as pellets and cubes contributed over 80,000 tons (**Table 5**). Various other feed products were categorized as feed additives which consisted of technical additives, flavorings, amino acids, non-protein nitrogen, and microorganisms (**Table 6**).



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Table 4. Tonnage by feed category for Grains (Rolled/Crimped/Ground) & Seeds.

Grains (Rolled/Crimped/Ground) & Seeds	Tons
Corn	1,977,055
Mixed Grains (i.e., corn/barley mix)	1,442,739
Wheat	189,012
Oats	10,755
Rice/Broken Rice	3,076
Barley	2,823
Other Grains/Seeds (Specify)	2,803
Sunflower Seeds	5
Millet	2
Total	3,628,270

**Other grains/seeds reported included milo, hominy, lentils, quinoa, flax, peas, soybeans, and pumpkin seed.*

Table 5. Tonnage by feed category for Manufactured Hay/Grass Products.

Manufactured Hay/Grass Products	Tons
Hay/Grass Pellets	35,470
Hay/Grass Cubes	27,019
Hay/Grass By-products	13,642
Other Manufactured Hay (Specify)*	5,991
Total	82,122

**Other manufactured hay reported included hay silage.*

Table 6. Tonnage by feed category for Feed Additives.

Feed Additives/Microbials/Nitrogen	Tons
Non-Protein Nitrogen (Urea)	13,388
Amino Acids	11,288
Preservatives/Binders/Flavor/etc.	6,651
Enzymes/Fermentation Products/Yeast, etc.	6,298
Direct Fed Microbials	2,271
Other Feed Additive (Specify)*	1,738
Type A Medicated Articles	130
Total	41,764

**Other feed additive reported included coloring additives and other miscellaneous ingredients.*

By-products

“By-product” means a product produced in addition to the principal product; it may be produced during processing, rejected as inferior during the process of grading or separating, or is produced via an industrial or biological process. By-products are separated into three categories for tonnage reporting: human food by-products (diversion) eligible (**Table 7**), industrial (ethanol) (**Table 8**), and by-products (oilseed meals/hulls/etc.) (**Table 9**). The tonnage reported under “human food by-products (diversion)- eligible” was subject to the reduced tonnage tax rate upon approval and audit from the program. The actual tonnage reported to the program under this feed type was 2,006,597 tons. However, estimated tonnage of these types of by-products due to miscategorized feed is 2,685,524 tons.

These three categories combined accounted for 51% of total tonnage reported in 2025. The greatest weight and diversity of tonnage was reported under by-products (oilseed meals/hulls/etc.) (**Figure 5**). Canola meal had the most tonnage reported of any single commodity, followed by almond hulls and cottonseed (**Table 9**).

TOTAL TONNAGE OF BY-PRODUCTS: 12,158,451

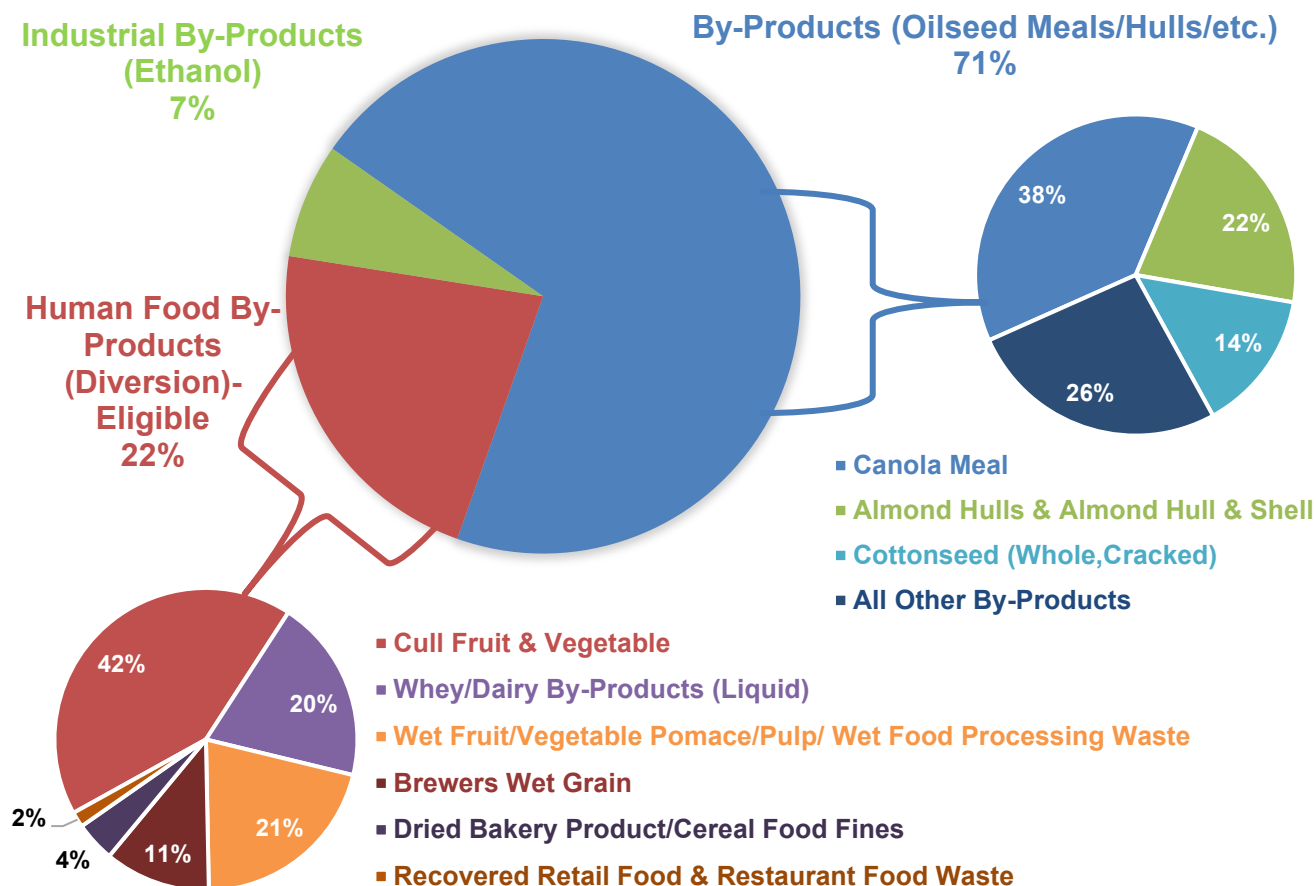


Figure 5. Total tonnage reported in 2025 for all by-products combined (Table 7, 8 and 9).



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Table 7. Tonnage by feed category for Human Food By-products (Diversion) Eligible.

Human Food By-Products (Diversion)-Eligible	Tons
Cull Fruit & Vegetable	1,133,689
Whey/Dairy By-Products (Liquid)	527,038
*Wet Fruit/Vegetable Pomace/Pulp	475,607
Brewers Wet Grain	304,157
Dried Bakery Product/Cereal Food Fines	115,039
Wet Food Processing Waste	85,902
Recovered Retail Food	44,045
Restaurant Food Waste	46
Total	2,685,524

**Wet Fruit/Vegetable Pomace/Pulp is a subset of Wet Food Processing Waste as defined in California Code of Regulations, Title 3, Section 2786(r).*

Table 8. Tonnage by feed category for Industrial By-Products (Ethanol)

Industrial By-Products (Ethanol)	Tons
Dried Distiller's Grains	496,983
Wet Distiller's Grains	362,246
Corn Oil	16,463
Distiller's Corn Solubles	1,224
Glycerin	601
Total	877,517



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Table 9. Tonnage by feed category for By-Products (Oilseed Meals/Hulls/etc.).

By-Products (Oilseed Meals/Hulls/etc.)	Tons
Canola Meal	3,266,014
Almond Hulls	1,332,573
Cottonseed (Whole, Cracked)	1,226,004
Other By-Product (Specify)	747,972
Almond Hulls & Shell	507,282
Corn By-Product	469,959
Soybean Meal	355,946
Wheat Mill Runs	173,651
Grain Screenings	102,176
Grape Pomace	89,460
Molasses	64,738
Soybean Hulls/By-Product	58,143
Rice Bran	54,608
Cottonseed Hulls/By-Products	52,706
Sunflower Meal	19,102
Safflower Meal	17,421
Beet Pulp/Beet By-Product	15,637
Cottonseed Meal	12,348
Dried Milk & Dairy By-Products (Whey/etc.)	10,158
Bean/Pea By-Product	6,353
Potato By-Product	6,260
Linseed Meal	5,719
Nut By-Product	1,001
Molasses By-Product (beet/cane)	180
Total	8,595,410

**Other by-products reported included mixed by-products, fig, prune meal, coconut meal, peanut meal, pulse products, and various other ingredients.*



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Fat and Oils and Meat/Animal Derived

In the fat and oils and meat/animal derived feed types (**Table 10 and 11**), the highest commodity reported was dried poultry litter followed by animal fat and tallow. It is important to note that some fats and oils are categorized in other sections, including animal fat and tallow under animal derived products, and corn oil under industrial by-products.

Table 10. Tonnage by feed category for Fats and Oils.

Fats and Oils	Tons
Other Vegetable Oils (Specify)*	63,687
Yellow Grease	29,095
Canola Oil	546
Total	93,328

**Other vegetable oils reported included palm oil or fat, nut oil, used cooking oil, soybean oil, calcium salts of long chain fatty acids, palmitic acid, and other “by-pass fats.”*

Table 11. Tonnage by feed category for Meat/Animal Derived & Insect Products.

Meat/Animal Derived & Insect Products	Tons
Dried Poultry Litter	170,102
Animal Fat and Tallow	43,670
Poultry By-products	28,969
Meat and Bone Meal (Ruminant)	19,373
Meat	17,109
Other Animal Product (Specify)*	12,466
Fish Meal/Fish	12,194
Destressed/Salvage Pet Food	9,451
Chicken Meal	5,504
Meat and Bone Meal (Non-Ruminant)	3,671
Feather Meal	1,174
Lamb	373
Insect Products (Specify)	128
Total	324,184

**Other animal products reported included blood meal, plasma, and mixed meat and bone meal.*



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Yearly Tonnage Report Comparison

CFRP and SAFE have published the Commercial Feed Tonnage Report since 2022. **Table 12** shows that total tonnage reported by category for 2022-2025 has been consistent. Increases in reporting of Human Food By-Products is likely due to program outreach and additional licensing of human food facilities which divert to animal feed after implementation of the reduced inspection tonnage tax rate.

Table 12: Total tonnage in each feed type from 2022 to 2025.

Tonnage 2022-2025 Comparisons	2022*	2023	2024	2025
By-Products (Oilseed Meals/Hulls/etc.)	7,670,410	8,520,820	7,919,155	8,595,410
Mixed/Formula Feed (2 or more ingredients)	8,400,921	7,837,417	7,736,575	7,009,383
Grains (Rolled/Crimped/Ground) & Seeds	3,721,840	3,739,553	3,609,768	3,628,270
Human Food By-Products (Diversion)-Eligible	1,598,945	1,469,485	2,013,433	2,685,524
Industrial By-Products (Ethanol)	948,615	576,733	861,196	877,517
Vitamins/Minerals/Premix/Supplement	510,878	785,650	803,330	761,128
Meat/Animal Derived & Insect Products	345,856	290,126	404,950	324,184
Fats and Oils	-	158,213	105,730	93,328
Manufactured Hay/Grass Products	128,389	125,375	121,635	82,122
Feed Additives/Microbials/Nitrogen	47,939	50,527	37,324	41,764
Total Tonnage	23,373,792	23,553,899	23,613,095	24,098,630

**Tonnage for year 2022 had some feed types that were split into separate categories, and recategorization was done for 2023. Feed types for Agricultural By-products, Other Human Food By-products, and Other (Specify) were combined to fall under the By-Products (Oilseed Meals/Hulls/etc.) type. Vitamins/Minerals and Supplement Concentrate were combined to fall under the Vitamins/Minerals/Premix/Supplement type.*