

Economic Contribution of the Animal Feed and Pet Food Manufacturing Industries

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Prepared For:



Prepared By:



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1 Executive Summary

America's animal feed and pet food manufacturing industries are an important driver of economic activity throughout the nation. Through sales to and purchases from many other industries, animal feed and pet food manufacturers contribute greatly to both their local economies and the national economy. Given generally increasing worldwide demand for protein and pet ownership rates, it is expected that these industries will continue to thrive and contribute to the economic well-being of the United States.

In 2022, the American Feed Industry Association (AFIA) commissioned Decision Innovation Solutions (DIS), an economic research and analysis firm, to conduct an economic analysis of the U.S. animal feed and pet food manufacturing industries' contribution to the economy. This study was commissioned as an update to the original 2016 economic contribution study commissioned by the Institute for Feed Education and Research (IFEEDER). The animal feed and pet food industries are estimated to contribute the following **directly** to the national economy in 2023:

- **\$18.8 billion** in value added, including **\$6.9 billion** in labor income
- **80,344** jobs
- **\$85.2 billion** in output (sales)
- **\$3.7 billion** in local, state, and federal taxes

Including indirect and induced effects, the **total** contribution of the U.S. animal feed and pet food manufacturing industries is:

- **\$98.4 billion** in value added, including **\$55.0 billion** in labor income
- **759,596** jobs
- **\$267.1 billion** in output
- **\$18.5 billion** in local, state, and federal taxes

This study demonstrates the continued importance of the **5,124** animal feed mills and **523** pet food facilities in the U.S., including those listed by the Food and Drug Administration (FDA) as licensed medicated feed mills and non-licensed feed mills, across the United States.

State and Congressional District Contribution Highlights

In addition to estimating the industries' national economic contribution, the industries' economic contribution was calculated at the federal congressional district and state levels. While the results for these study areas are included in greater detail later in Appendix C, a few highlights are presented here. Six states consistently rank at or near the top of all reported economic measures: California, Iowa, Kansas, Missouri, Pennsylvania, and Texas. Each of these states are home to anywhere from 18 pet food manufacturers in Iowa to 59 in Pennsylvania, and from 132 animal feed mills in California to nearly 650 in Texas. Together, the animal feed and pet food manufacturers in these six states contribute the following total to the economy:

- **\$38.5 billion** in value added, including **\$21.2 billion** in labor income
- **290,085** jobs
- **\$103.5 billion** in output (sales)
- **\$7.2 billion** in local, state, and federal taxes

Five congressional districts consistently rank at or near the top of all reported economic measures: Kansas-2, Texas-13, Iowa-4, Nebraska-3, and Missouri-7. These congressional districts are all located in areas of high livestock or poultry production and are home to many feed mills and/or pet food manufacturing facilities. The animal feed and pet food industries in these five congressional districts contribute the following total to the economy:

- **\$11.5 billion** in value added, including **\$6.1 billion** in labor income
- **83,925 jobs**
- **\$30.7 billion** in output (sales)
- **\$1.9 billion** in local, state, and federal taxes

Comparison to Previous Study

This study is an update to a previous analysis of the economic contribution of the animal feed and pet food manufacturing industry in 2016. While there are some minor changes in methodology between the two analyses, the results are largely comparable. A summary comparison of the total and direct contribution values of the animal feed and pet food manufacturing industries is shown below.

Comparison to Previous Study - Total Results				
	Employment	Labor Income (\$B)	Value Added (\$B)	Output (\$B)
2023 Study	759,596	\$ 55.0	\$ 98.4	\$ 267.1
2016 Study	944,227	\$ 55.9	\$ 102.0	\$ 297.1
Difference	(184,631)	\$ (0.9)	\$ (3.6)	\$ (30.0)

Comparison to Previous Study - Direct Results				
	Employment	Labor Income (\$B)	Value Added (\$B)	Output (\$B)
2023 Study	80,344	\$ 6.9	\$ 18.8	\$ 85.2
2016 Study	60,777	\$ 4.6	\$ 14.0	\$ 88.1
Difference	19,567	\$ 2.3	\$ 4.9	\$ (2.9)

While total contribution values decreased across all four indicators of economic activity, the direct contribution increased in terms of employment, labor income, and value added, with only a minor decrease in output. This shows that animal feed and pet food manufacturing have continued to grow. Underlying relationships between industries related to animal and pet food manufacturing have changed since the previous analysis, resulting in lower indirect and induced effects.

2 Background on the Animal Food Industry

2.1 Summary Statistics and Trends

The U.S. is home to many food-producing animals and pets that the animal food industries feed. Major agricultural animals include broilers, turkeys, egg-laying hens (layers), hogs, dairy cows, beef cows, horses, aquaculture, sheep, and goats. The U.S. has fed over 130 million animal units every year since 2017 (Figure 1). Total animal units have declined slightly since 2019 but remain well above levels seen prior to 2018.

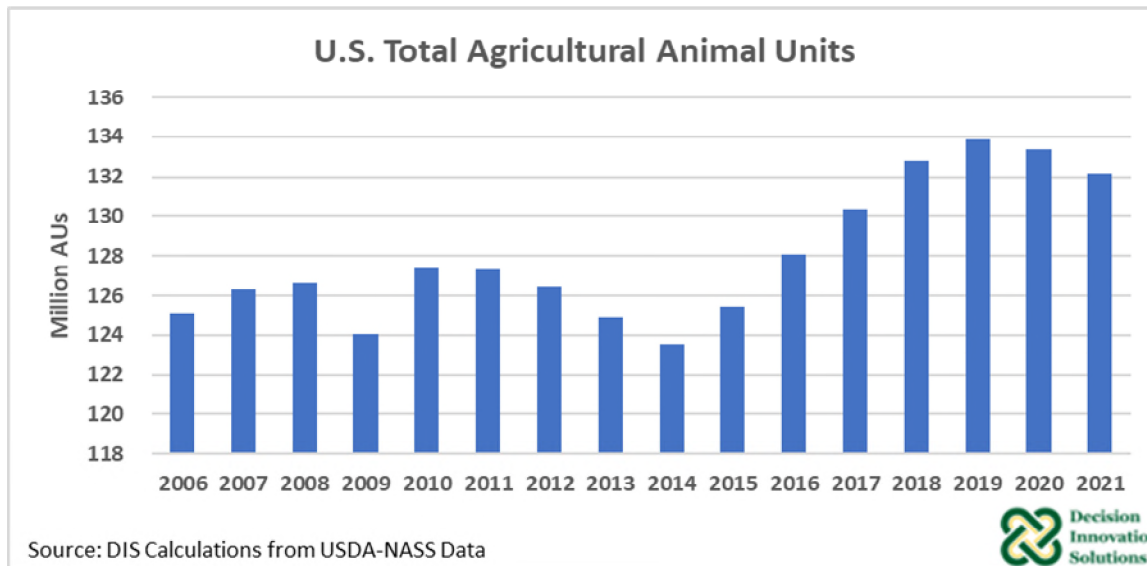


Figure 1. U.S. Total Agricultural Animal Units

Pets are also common in the U.S. While the U.S. contains many kinds of pets, cats and dogs remain the most common. The American Veterinary Medical Association (AVMA) estimates there were 86 million dogs and 62 million cats in the U.S. in 2020 (AVMA, 2022). Both dog and cat numbers are up compared to estimates of 77 million dogs and 58 million cats in 2017 (AVMA, 2017-2018).

2.2 Feed Mills

Feed mills locate themselves in a way to best serve their customers and source their inputs, while minimizing transportation costs, including both the cost of moving feed inputs (e.g., grains and oilseeds) to their facilities and the cost of moving products to their customers. With these considerations in mind, it becomes clear why feed mills are more concentrated in the Midwest, and in general eastern portions of the state. These regions have higher crop production and are more densely populated with livestock.

Figure 2 represents zip codes which have at least one feed mill across the United States. The data is sourced from the list of licensed and non-licensed feed mills maintained by the U.S. Food and Drug Administration (FDA).

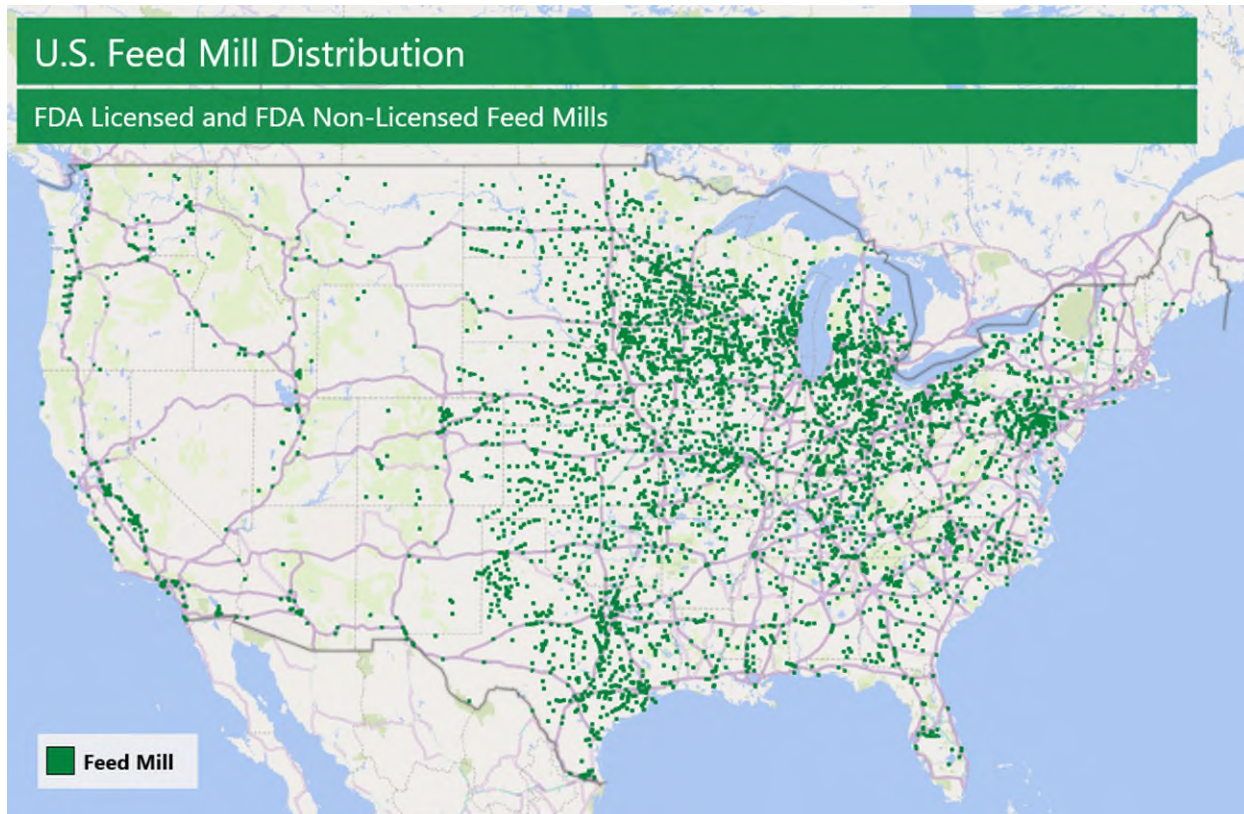


Figure 2. Zip Codes with at Least One Feed Mill

Table 1 contains a state-by-state breakdown of feed mills in 2017 and 2022. In 2022, there were 5,124 feed mills in the U.S., down from 5,687 in 2017. The number of feed mills declined in most states except for North Dakota, Utah, Maryland, Colorado, Montana, and Connecticut which saw small increases.

In both 2017 and 2022, the five states with the most feed mills were Texas, Iowa, Minnesota, Wisconsin, and Pennsylvania. These states saw declines in the number of feed mills between 2017 and 2022.

Table 1. U.S. Feed Mills by State

U.S. Feed Mills by State							
State	2017	2022	Change	State	2017	2022	Change
Alabama	69	54	-15	Montana	34	37	3
Alaska	8	7	-1	Nebraska	227	199	-28
Arizona	26	24	-2	Nevada	3	3	0
Arkansas	57	47	-10	New Hampshire	0	0	0
California	153	132	-21	New Jersey	5	5	0
Colorado	94	97	3	New Mexico	31	31	0
Connecticut	3	4	1	New York	83	79	-4
Delaware	2	2	0	North Carolina	122	115	-7
Florida	55	44	-11	North Dakota	95	105	10
Georgia	105	91	-14	Ohio	246	237	-9
Hawaii	0	0	0	Oklahoma	143	128	-15
Idaho	38	26	-12	Oregon	55	50	-5
Illinois	178	152	-26	Pennsylvania	321	258	-63
Indiana	225	191	-34	Rhode Island	0	0	0
Iowa	431	376	-55	South Carolina	34	33	-1
Kansas	223	220	-3	South Dakota	103	92	-11
Kentucky	154	144	-10	Tennessee	144	113	-31
Louisiana	40	40	0	Texas	690	647	-43
Maine	6	5	-1	Utah	20	30	10
Maryland	29	33	4	Vermont	10	9	-1
Massachusetts	2	2	0	Virginia	66	61	-5
Michigan	206	196	-10	Washington	77	71	-6
Minnesota	394	347	-47	West Virginia	32	32	0
Mississippi	47	43	-4	Wisconsin	303	263	-40
Missouri	292	244	-48	Wyoming	6	5	-1
Total					5,687	5,124	-563

Source: FDA BSE/Ruminant Feed Inspections Firms Inventory



2.3 Pet Food Manufacturing Facilities

Besides livestock, the U.S. animal food industry also produces pet food. Figure 3 maps all U.S. zip codes with at least one pet food manufacturing facility. There are a total of 523 facilities in the U.S. This data is also sourced from the list of pet food facilities maintained by the FDA.

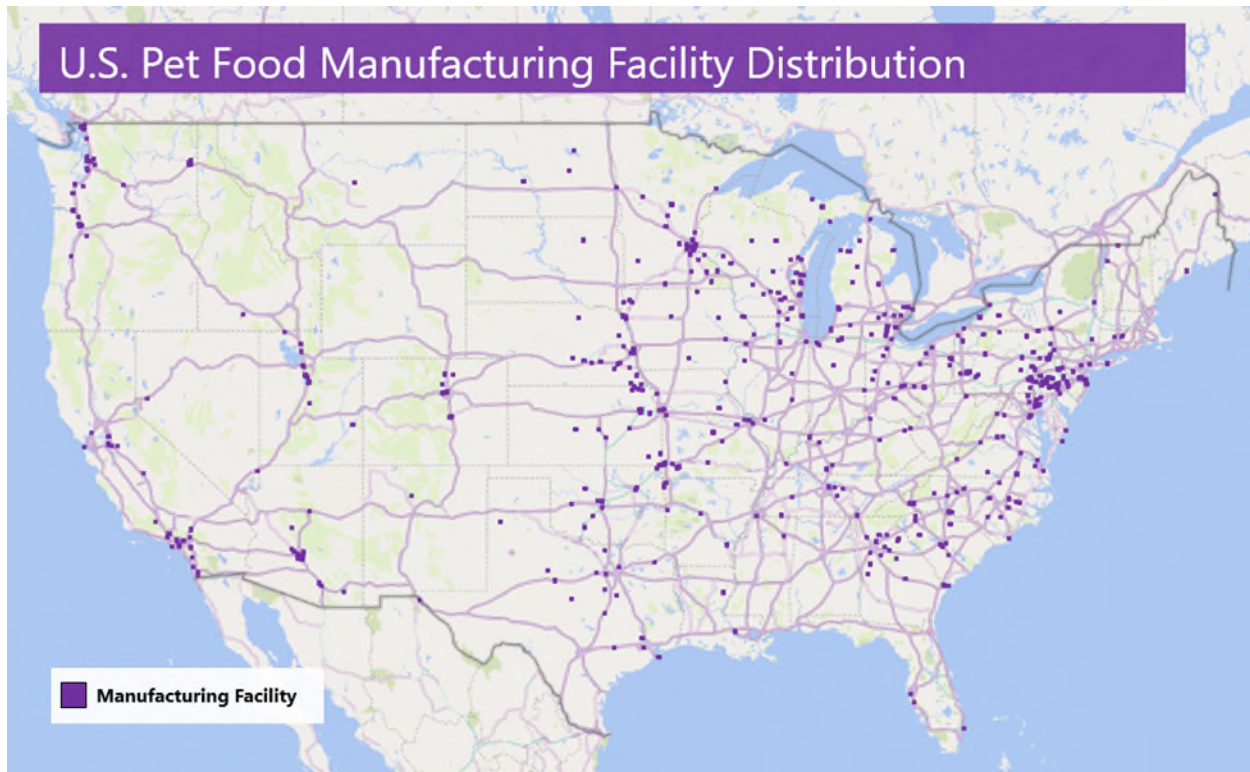


Figure 3. Zip Codes with at Least One Pet Food Manufacturing Facility


A state-by-state breakdown of pet food manufacturing facilities in 2017 and 2022 is shown in Table 2. From 2017 to 2022 the number of pet food manufacturing facilities increased from 514 to 523. Changes were mixed between states, with 17 states gaining facilities, 16 states losing facilities, and 17 states keeping the same number of facilities.

The five states with the most pet food manufacturing facilities in 2022 were Pennsylvania (59), Michigan (33), Wisconsin (28), Nebraska (27), and Washington (26). Pennsylvania retained the most facilities even after losing 13. Michigan lost one facility, while the remaining top five states all saw increases. Minnesota and California were in the top five in 2017, but lost four and five facilities respectively, moving them out of the top five in 2022.

Table 2. U.S. Pet Food Manufacturing Facilities by State

U.S. Pet Food Manufacturing Facilities by State							
State	2017	2022	Change	State	2017	2022	Change
Alabama	3	0	-3	Montana	1	1	0
Alaska	0	0	0	Nebraska	24	27	3
Arizona	16	16	0	Nevada	1	2	1
Arkansas	6	5	-1	New Hampshire	0	0	0
California	27	22	-5	New Jersey	2	9	7
Colorado	10	10	0	New Mexico	1	1	0
Connecticut	3	3	0	New York	6	9	3
Delaware	0	0	0	North Carolina	16	19	3
Florida	1	3	2	North Dakota	6	4	-2
Georgia	22	14	-8	Ohio	18	18	0
Hawaii	0	0	0	Oklahoma	12	11	-1
Idaho	1	1	0	Oregon	3	2	-1
Illinois	11	9	-2	Pennsylvania	72	59	-13
Indiana	10	9	-1	Rhode Island	0	0	0
Iowa	20	18	-2	South Carolina	6	11	5
Kansas	22	22	0	South Dakota	3	2	-1
Kentucky	5	7	2	Tennessee	10	8	-2
Louisiana	1	2	1	Texas	21	19	-2
Maine	2	2	0	Utah	6	15	9
Maryland	9	12	3	Vermont	1	2	1
Massachusetts	0	0	0	Virginia	13	14	1
Michigan	34	33	-1	Washington	18	26	8
Minnesota	29	25	-4	West Virginia	0	1	1
Mississippi	1	1	0	Wisconsin	25	28	3
Missouri	16	21	5	Wyoming	0	0	0
				Total	514	523	9

Source: FDA BSE/Ruminant Feed Inspections Firms Inventory



2.4 Animal Food Ingredient Use Summary

The U.S. uses 554.1 million tons of ingredients in its animal feeds and pet foods. Of this amount, 547.7 million tons are for animal production and 6.4 million tons of ingredients are for pet foods. (see Table 3¹).

Forages make up 284.81 million tons of the feed ingredients. The remaining 267.43 million tons of ingredients are processed through commercial feed mills, on-farm mills, and pet food manufacturing

¹ Several methodology changes are incorporated into this current estimate of U.S. feed ingredient use by species compared to the Animal Feed/Food Consumption and COVID-19 Impact Analysis conducted by DIS for IFEEDER in December 2020. First, forages were added to the calculations and nutrients supplied by grazing are also considered for ruminants. Second, broth, water and fresh/frozen meats are not included in the pet food calculations but were here.

facilities². Corn makes up the largest feed ingredient, accounting for 56.23% of the feed ingredients processed. Soybean meal is the second most used ingredient accounting for 14.86% of the processed feed. Corn dried distillers grains (DDGs) are the third most used ingredient accounting for 9.51% of the processed feeds. Plant protein meals other than soybean meal account for 6.13% of the processed feeds, other grains make up 4.65% of the processed feeds, fats and oils make up 2.91% of the processed feeds, animal protein meals account for 1.77% of processed feeds, synthetic amino acids are 0.21% of processed feeds, and other ingredients make up 3.73% of processed feeds. Beef cattle production consumes the largest amount of corn, whereas broiler production consumed the most soybean meal (see Table 3).

Table 3. U.S. Feed Ingredient Usage by Species, 2021

U.S. Feed Ingredient Usage by Species, 2021 (Short Tons)												
Species	Corn	Other Grains	Soybean Meal	DDGs	Other Plant Protein Meals	Animal Protein Meals	Meat, Poultry & Fish**	Fats & Oils	Amino Acids	Other	Forages & Fiber	Total
Broilers	35,211,419	2,063,184	17,850,864	1,823,424	523,355	377,418	-	784,474	333,371	1,627,485	-	60,594,994
Layers	10,560,529	645,553	3,521,201	1,540,046	80,826	151,110	-	120,345	23,079	2,240,563	-	18,883,252
Turkeys	6,491,578	164,235	3,041,912	335,691	1,713	401,583	-	5,698	42,426	76,029	-	10,560,864
Hogs	36,658,152	7,169,220	6,803,461	4,592,342	1,623,609	919,162	-	705,907	157,436	1,073,555	-	59,702,844
Dairy*	20,321,496	159,786	5,735,788	6,794,842	7,622,602	1,295,282	-	5,991,101	-	1,940,482	144,588,961	194,450,340
Beef Cattle	39,520,326	630,550	2,056,698	10,319,286	5,599,623	50,741	-	38,424	-	2,905,857	138,000,921	199,122,426
Horses	3,692	642,330	203,374	400	395,334	-	-	-	321	53,634	916,927	2,216,011
Sheep	121,916	462,702	33,380	28,639	33,169	-	-	-	-	9,251	977,259	1,666,316
Goats	50,484	91,690	15,777	571	8,323	-	-	-	-	11,194	327,276	505,315
Dogs	1,157,529	335,414	388,588	2,401	410,620	1,237,335	1,356,337	115,446	-	28,234	259	5,032,163
Cats	271,519	78,676	91,151	563	96,319	290,240	498,138	27,079	-	6,623	61	1,360,369
U.S. Total	150,368,639	12,443,340	39,742,194	25,438,205	16,395,492	4,722,871	1,854,475	7,788,474	556,632	9,972,907	284,811,664	554,094,894

Source: Results of DIS Ration Cost Optimization (RCO) Model.
 *For dairy, the RCO model currently balances based on total protein requirements. **Meat, Poultry & Fish data is from the DIS 2020 AFIA Pet Study.

Table 4 provides a summary of the animal feed ingredient use by state in 2021. The top three feed ingredients (corn, soybean meal and DDGs) are broken out separately. The rest of the ingredients are categorized into groups as *Other Grains*, *Other Plant Protein Meals*, *Animal Proteins Product Meals*, *Fats & Oils*, *Amino Acids*, *Other Ingredients* (e.g. vitamins, minerals, salt, enzymes, microbials, etc.), and *Forages & Fiber* ingredients³.

² Meat, poultry & fish are processed within the manufacturing of pet foods but not normally considered as part of processed feeds. These are “fresh and frozen meats”

³ For this report, the following aggregations were used:

Soybean meal: Soybean meal and soybean hulls

Other grains: Barley, grain sorghum, hominy feed, millet, oats, rye, wheat, wheat midds, and wheat flour.

Other plant protein meals: Alfalfa meal, corn gluten feed, corn gluten meal, canola meal, cottonseed meal, cottonseed, sunflower meal, rice mill feed, non-corn brewers’ grains, whole soybeans, bakery byproduct feed, and other miscellaneous plant-based byproduct feeds.

Animal protein product meals: Blood meal, feather meal, fish meal, meat and bone meal, meat meal, and poultry byproduct meals.

Fats & oils: Canola oil, crude corn oil, distillers corn oil, choice white grease, inedible tallow, poultry fat, soybean oil, used cooking oil, and yellow grease.

Forages and fibers: Alfalfa hay, almond hulls, citrus pulp, corn silage, corn stalks, legume silage, other hay, peanut hulls, sugar beet pulp, sorghum silage, and wheat straw.

Other ingredients: Dicalcium phosphate, limestone, minerals, molasses, potassium chloride, potato tubers, potato pulp, potato peels, phytase, salt, sodium bicarbonate, and vitamins.

Table 4. Animal Feed Ingredient Use by State Summary, 2021

Animal Feed Ingredient Use by State, 2021 (Short Tons)											
States	Corn	Other Grains	Soybean Meal	DDGs	Other Plant Protein Meals	Animal Protein Meals	Fats & Oils	Amino Acids	Other	Forages & Fiber	Total
Alabama	4,734,702	471,066	2,503,257	332,173	189,937	17,196	92,305	43,534	274,592	1,821,091	10,479,854
Alaska	19,120	3,101	6,556	1,358	373	922	579	102	747	2,533	35,391
Arizona	1,539,685	53,803	207,126	300,912	653,124	5,084	158,101	295	78,724	4,168,462	7,165,315
Arkansas	5,663,305	295,710	2,755,773	401,936	63,783	146,237	118,643	45,149	303,652	2,443,298	12,237,486
California	4,087,013	135,534	1,358,352	875,411	735,692	29,604	1,509,984	12,914	571,742	38,774,195	48,090,441
Colorado	4,528,402	312,467	666,010	5,529	899,134	29,636	225,010	2,463	187,949	8,550,215	15,406,814
Connecticut	64,658	5,860	35,583	19,751	7,846	3,361	11,121	51	17,601	270,746	426,578
Delaware	925,748	13,531	429,288	44,769	1,979	30,443	16,839	8,145	38,486	54,910	1,564,138
Florida	927,481	56,364	357,293	216,972	115,168	84,848	88,527	2,798	98,018	3,581,686	5,529,155
Georgia	6,053,733	256,494	2,802,067	454,670	232,316	81,727	205,433	48,870	350,994	2,289,159	12,775,463
Hawaii	31,767	6,022	7,511	2,608	1,337	574	464	92	1,659	15,360	67,395
Idaho	2,124,365	56,920	422,455	591,999	976,575	59,281	345,834	191	629,056	11,885,865	17,092,541
Illinois	3,620,061	482,072	648,812	803,762	290,645	109,048	118,752	12,325	162,599	2,973,172	9,221,248
Indiana	4,469,740	426,897	1,197,989	885,757	415,853	177,063	160,638	16,658	307,793	3,548,358	11,606,746
Iowa	16,547,506	1,862,657	3,168,527	3,215,999	709,894	296,209	419,702	56,825	717,556	9,515,176	36,510,053
Kansas	7,121,857	566,954	338,435	1,694,244	1,088,934	87,240	132,555	4,822	311,271	16,906,077	28,252,389
Kentucky	2,092,052	191,648	816,374	285,757	133,303	56,669	66,653	12,087	126,321	2,879,086	6,659,949
Louisiana	863,214	64,433	401,761	104,711	71,851	13,413	23,124	6,802	55,228	1,231,970	2,836,507
Maine	95,667	6,600	51,503	28,688	10,470	4,809	15,864	81	11,022	392,163	616,865
Maryland	1,233,021	34,640	579,967	129,670	24,769	37,298	49,391	9,683	66,521	730,256	2,895,218
Massachusetts	55,969	8,370	26,720	13,847	6,479	2,063	6,207	78	7,448	163,642	290,825
Michigan	3,057,616	129,607	584,680	535,003	345,016	174,730	251,323	4,595	202,442	6,934,700	12,219,712
Minnesota	8,342,189	1,198,880	2,046,183	1,327,000	366,021	166,031	272,321	29,898	315,616	8,720,954	22,785,092
Mississippi	3,223,301	99,639	1,500,432	207,453	172,059	88,925	68,206	26,561	167,734	1,318,787	6,873,096
Missouri	4,366,362	503,624	1,359,736	730,318	404,316	133,192	115,687	23,857	277,627	7,717,898	15,632,616
Montana	605,610	90,349	115,580	276,000	46,468	10,805	14,641	569	74,066	5,273,822	6,507,912
Nebraska	8,137,057	433,279	505,843	2,266,496	436,270	68,014	84,315	8,510	355,058	16,734,385	29,029,226
Nevada	113,815	10,588	36,351	35,714	96,792	5,971	21,476	23	15,799	1,060,119	1,396,648
New Hampshire	45,393	4,596	23,421	12,794	5,102	2,035	6,640	49	5,683	164,261	269,974
New Jersey	45,743	11,620	19,774	10,287	6,295	952	2,821	84	7,339	93,508	198,422
New Mexico	808,704	21,498	308,002	395,229	404,604	60,212	138,697	108	92,151	6,227,199	8,456,404
New York	1,591,653	51,694	414,878	663,221	347,031	30,818	336,030	589	161,112	9,724,308	13,321,333
North Carolina	9,819,940	974,263	3,008,835	339,309	475,664	256,588	227,878	55,581	383,876	1,450,853	16,992,788
North Dakota	531,425	40,981	88,364	104,832	65,848	6,929	8,379	832	52,536	3,844,091	4,744,216
Ohio	3,962,811	316,853	1,114,529	814,388	475,695	183,509	186,566	12,411	316,177	4,971,515	12,354,454
Oklahoma	3,209,252	728,114	877,934	557,401	233,695	41,660	47,209	13,627	195,144	6,945,401	12,849,435
Oregon	573,194	35,300	186,036	233,237	264,672	26,404	67,646	782	353,102	3,367,240	5,107,613
Pennsylvania	4,015,161	223,663	1,346,587	875,232	222,973	143,519	278,255	13,889	319,262	7,508,563	14,947,105
Rhode Island	6,361	1,189	2,607	1,246	722	166	371	13	873	11,004	24,551
South Carolina	1,638,205	64,353	703,680	67,227	34,987	42,151	36,615	11,607	73,858	559,206	3,231,888
South Dakota	2,869,600	295,954	405,403	715,706	311,116	85,443	98,672	6,299	179,974	10,135,510	15,103,677
Tennessee	1,365,378	141,026	555,817	151,119	178,761	19,309	52,382	7,927	95,908	2,667,960	5,235,588
Texas	12,774,136	756,184	2,510,584	2,347,157	2,924,158	100,210	406,945	29,984	749,548	33,041,936	55,640,843
Utah	1,007,481	152,799	266,188	154,986	303,650	52,475	75,439	1,983	77,900	2,619,417	4,712,317
Vermont	314,489	6,560	144,190	105,950	35,681	20,058	76,156	68	27,671	1,628,993	2,359,813
Virginia	2,285,928	202,987	877,586	175,726	134,254	90,906	80,503	13,769	101,304	2,277,280	6,240,242
Washington	1,056,475	40,959	281,376	367,882	508,433	62,454	140,078	1,359	628,015	5,178,681	8,265,712
West Virginia	488,709	13,022	199,771	56,277	49,825	23,058	9,005	3,274	31,741	548,129	1,422,810
Wisconsin	5,369,661	90,957	931,539	1,361,187	378,804	21,223	767,123	4,129	330,480	19,539,863	28,794,966
Wyoming	514,877	77,568	65,191	136,345	30,180	4,822	8,843	293	37,077	2,348,343	3,223,538
U.S. Total	148,939,591	12,029,250	39,262,455	25,435,241	15,888,553	3,195,296	7,645,949	556,632	9,938,050	284,811,344	547,702,362

Source: Results of DIS Ration Cost Optimization Model



Feed processing occurs in every state. Iowa leads the nation in the quantity of feed that is processed, followed by Texas, North Carolina, Minnesota, and Nebraska. There are seven states that handle more than 10 million tons of feed ingredients through their feed mills. Fourteen states handle between 5 million tons and 10 million tons of feed ingredients, 16 states handle between 1 million tons to 5 million tons of feed ingredients, and 13 states handle less than a million tons of feed ingredients per year through their feed mills (Figure 4).

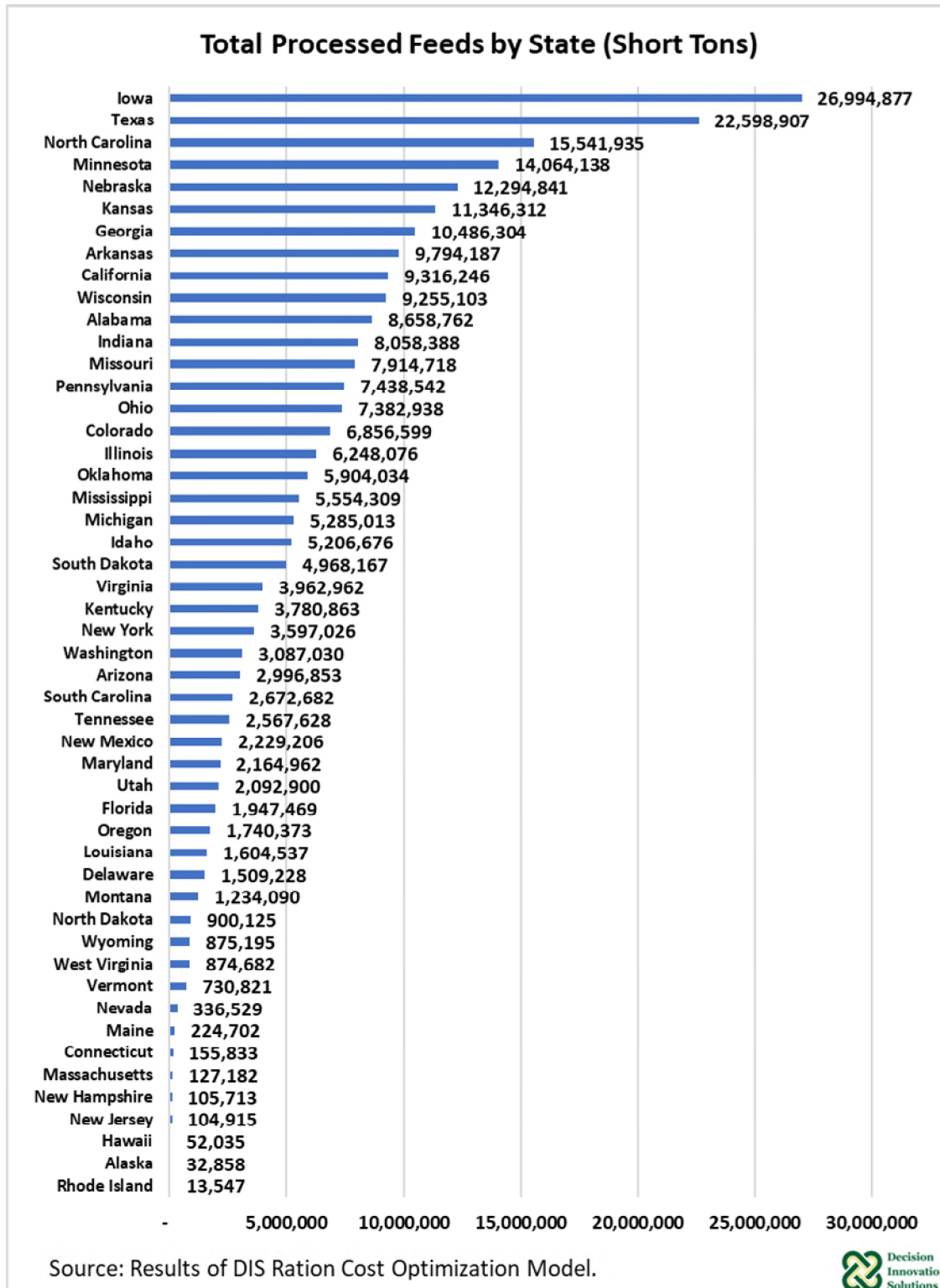


Figure 4. Total Processed Feeds by State

Texas is the leading state that handles pet food, followed by California, Florida, New York, and Ohio. There are four states that handle more than 200,000 tons of pet food, 12 states that handle 100,000 tons to 200,000 tons of pet food, 14 states that handle 50,000 tons to 100,000 tons of pet food, and 20 states handle less than 50,000 tons of pet food. (Figure 5 and Table 6).

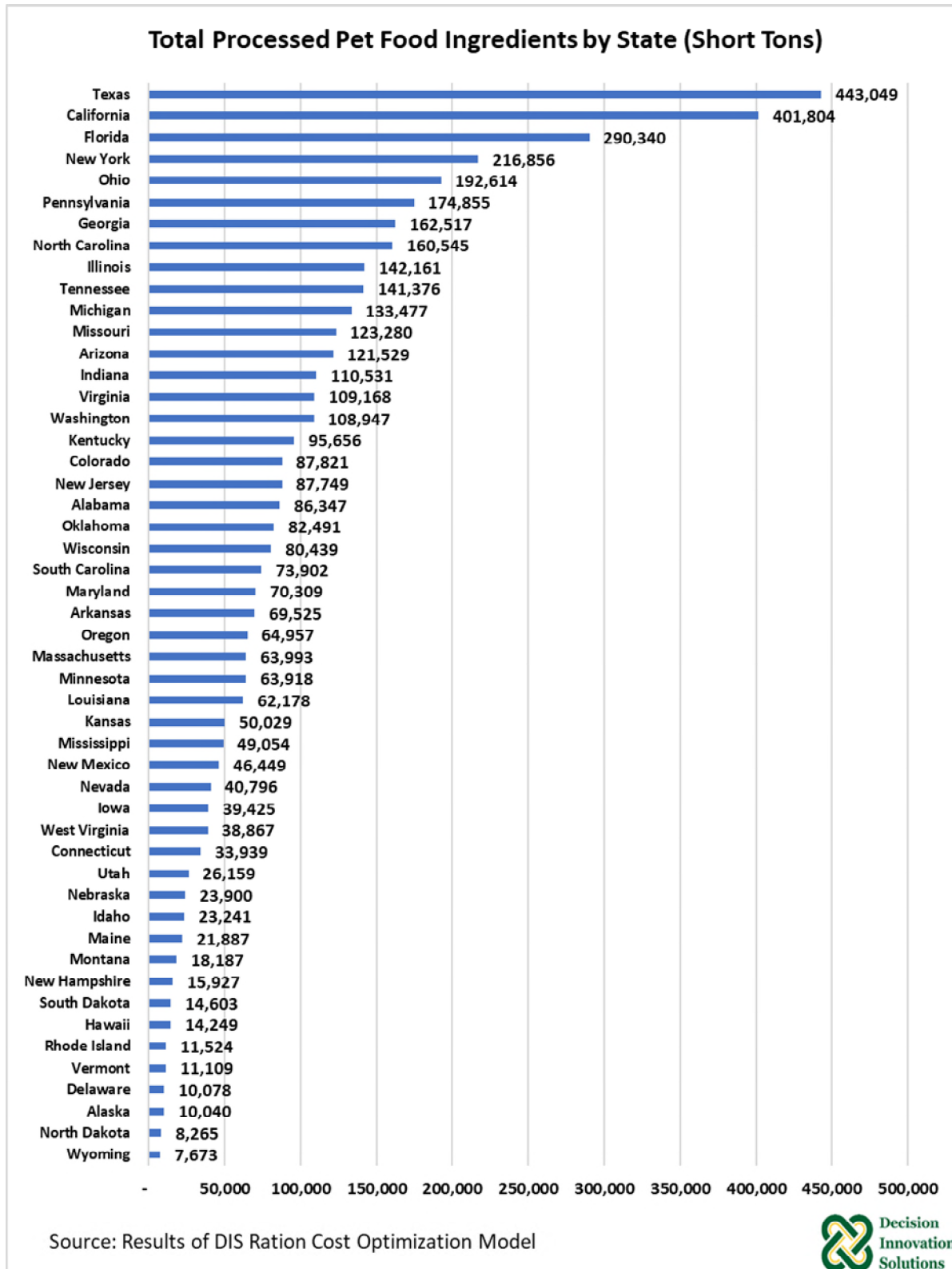


Figure 5. Total Processed Pet Food Ingredient by State (Short Tons)

2.5 Pet Food Ingredient Use Summary

Table 5 provides a summary of ingredient usage for pet foods. Meats, poultry and fish products are the number one category of ingredients used in pet foods followed by animal proteins, corn, other plant proteins, soybean meal, other grains, fats and oils, other ingredients, and DDGs.

Table 5. U.S. Pet Food Ingredient Usage Summary, 2021

U.S. Pet Food Ingredient Usage by Species, 2021 (Short Tons)											
Species	Corn	Other Grains	Soybean Meal	DDGs	Other Plant Protein Meals	Animal Protein Meals	Meat, Poultry & Fish*	Fats & Oils	Other	Forages & Fiber	Total
Pets (U.S. Total)	1,429,048	414,090	479,739	2,964	506,939	1,527,575	1,854,475	142,525	34,857	320	6,392,532

Source: Results of DIS Ration Cost Optimization Model
 *Meat, Poultry & Fish data is from the DIS 2020 AFIA Pet Study.





Table 6 provides a summary of the milled ingredients (other than meats, poultry and fish) that are handled by the pet food industry nationally.

Table 6. Pet Food Ingredient Use by State, 2021

Pet Food Ingredient Use by State, 2021 (Short Tons)										
States	Corn	Other Grains	Soybean Meal	DDGs	Other Plant Protein Meals	Animal Protein Meals	Fats & Oils	Other	Forages & Fiber	Total
Alabama	27,233	7,990	9,171	58	9,401	29,084	2,733	677	6	86,353
Alaska	3,163	921	1,063	7	1,112	3,381	316	78	1	10,041
Arizona	38,448	11,573	13,035	85	12,502	40,982	3,911	994	9	121,539
Arkansas	22,017	6,678	7,479	49	7,024	23,453	2,248	576	5	69,531
California	126,615	36,879	42,561	265	44,416	135,293	12,661	3,113	29	401,832
Colorado	27,715	8,173	9,346	59	9,458	29,587	2,789	695	6	87,828
Connecticut	10,608	2,877	3,503	20	4,282	11,393	1,023	233	2	33,941
Delaware	3,162	888	1,053	6	1,197	3,388	310	73	1	10,079
Florida	91,462	26,567	30,723	191	32,274	97,750	9,133	2,239	21	290,360
Georgia	51,312	15,193	17,322	110	17,348	54,762	5,175	1,294	12	162,528
Hawaii	4,490	1,308	1,509	9	1,575	4,798	449	110	1	14,250
Idaho	7,323	2,131	2,461	15	2,574	7,825	732	180	2	23,243
Illinois	44,765	12,958	15,024	93	15,914	47,855	4,462	1,090	10	142,171
Indiana	34,751	9,926	11,624	70	12,705	37,186	3,441	829	8	110,539
Iowa	12,386	3,515	4,136	25	4,588	13,260	1,222	292	3	39,428
Kansas	15,793	4,668	5,329	34	5,362	16,857	1,591	397	4	50,033
Kentucky	30,202	8,942	10,195	65	10,213	32,232	3,046	762	7	95,663
Louisiana	19,654	5,873	6,650	43	6,503	20,960	1,992	503	5	62,183
Maine	6,838	1,846	2,255	13	2,783	7,346	658	149	1	21,888
Maryland	21,874	5,678	7,148	37	9,498	23,561	2,065	447	4	70,313
Massachusetts	19,957	5,301	6,557	36	8,349	21,464	1,905	424	4	63,997
Michigan	41,926	11,880	13,995	84	15,581	44,890	4,134	987	9	133,486
Minnesota	20,030	5,559	6,652	39	7,749	21,478	1,955	457	4	63,922
Mississippi	15,498	4,614	5,239	34	5,173	16,533	1,567	394	4	49,057
Missouri	38,979	11,678	13,199	86	12,820	41,563	3,955	1,001	9	123,289
Montana	5,734	1,677	1,929	12	1,994	6,125	575	142	1	18,188
Nebraska	7,494	2,091	2,492	15	2,870	8,033	733	172	2	23,901
Nevada	12,845	3,716	4,310	27	4,573	13,732	1,280	313	3	40,799
New Hampshire	4,990	1,383	1,657	10	1,935	5,351	487	114	1	15,928
New Jersey	27,629	7,993	9,271	57	9,836	29,537	2,753	672	6	87,755
New Mexico	14,703	4,444	4,990	33	4,731	15,666	1,499	383	4	46,452
New York	67,996	18,969	22,609	132	26,052	72,883	6,652	1,563	14	216,870
North Carolina	50,673	14,961	17,093	109	17,244	54,091	5,103	1,272	12	160,557
North Dakota	2,610	774	881	6	880	2,785	263	66	1	8,266
Ohio	60,328	16,667	20,012	115	23,544	64,709	5,873	1,365	12	192,626
Oklahoma	26,110	7,888	8,860	58	8,413	27,822	2,661	679	6	82,497
Oregon	20,401	5,775	6,808	41	7,597	21,845	2,011	480	4	64,962
Pennsylvania	54,742	15,064	18,141	104	21,521	58,733	5,319	1,231	11	174,866
Rhode Island	3,621	1,029	1,209	7	1,339	3,876	357	86	1	11,525
South Carolina	23,338	6,922	7,882	50	7,860	24,904	2,356	590	5	73,907
South Dakota	4,584	1,293	1,528	9	1,721	4,910	451	107	1	14,604
Tennessee	44,693	13,370	15,128	98	14,750	47,661	4,531	1,145	11	141,387
Texas	140,127	42,082	47,478	309	45,819	149,387	14,236	3,611	33	443,083
Utah	8,232	2,371	2,759	17	2,957	8,804	819	199	2	26,161
Vermont	3,469	931	1,143	6	1,425	3,728	333	75	1	11,110
Virginia	34,339	9,849	11,498	70	12,448	36,734	3,407	824	8	109,175
Washington	34,310	9,940	11,517	71	12,175	36,675	3,422	837	8	108,954
West Virginia	12,244	3,557	4,113	26	4,320	13,086	1,223	300	3	38,870
Wisconsin	25,221	7,033	8,385	49	9,670	27,034	2,467	579	5	80,444
Wyoming	2,415	697	810	5	865	2,583	240	58	1	7,674
U.S. Total	1,429,048	414,090	479,737	2,965	506,940	1,527,574	142,525	34,857	319	4,538,056

Source: Results of DIS Ration Cost Optimization Model



3 Methodology

The following economic contribution study was conducted using a combination of IMPLAN, Microsoft Excel, U.S. Census datasets and geographic files, and GIS software. IMPLAN is an input-output model used to understand industry relationships and conduct economic assessments for specified local economies. IMPLAN datasets are constructed annually and are derived from many different sources, including the U.S. Bureau of Labor Statistics (BLS), the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of Economic Analysis Benchmark Input-Output Account of the U.S., the BEA output estimates, the U.S. Census Bureau’s economic censuses and surveys, the U.S. Department of Agriculture’s census, and more.

Within IMPLAN, the effects of an economic impact or contribution event are expressed in terms of direct, indirect, and induced effects. These different effect types are defined as follows:

- **Direct Effects** – The economic activity directly attributable to the industry under analysis; in this study, the production of animal feed and pet food from a variety of inputs
- **Indirect Effects** – The effects of local inter-industry spending throughout the supply chain, for example, the seed, equipment, fertilizer, and other inputs used by a farmer to produce corn for a feed mill
- **Induced Effects** – The results of employees of the directly and indirectly affected industries spending their income throughout the local economy
- **Total Effect** – The sum of direct, indirect, and induced effects

The 2021 IMPLAN data package, which is the most recent data available, was used for this analysis. Using inflation factors inherent in the IMPLAN modeling system, all numbers within these sectors were brought forward from 2021 to 2023. The economic contribution of the animal feed and pet food manufacturing industries at the state level was analyzed using Multi-Region Input-Output (MRIO) analysis.⁴ This type of analysis allows the contribution of an industry in one study area to affect industries in neighboring regions through indirect and induced effects.

As the current (2023) federal congressional districts are not available in the 2021 IMPLAN dataset, they were created using the “custom region” feature in IMPLAN. These congressional districts were assembled by combining ZIP codes, according to U.S. Census geographic files and spatial analysis conducted using GIS software. The contribution analysis at the congressional district level was performed as a standalone region (non-MRIO) analysis, and the results were balanced to match their respective state-level economic contribution results.

3.1 Economic Impact Study Versus Economic Contribution Study

This study is called an “economic contribution study,” which looks at understanding the animal feed and pet food manufacturing and related industries’ *current* contribution to the respective study area economies (e.g., congressional district, state and national levels). This is a key difference from what is traditionally termed an “economic impact study,” which attempts to understand the economic impacts of a *change* occurring within an economy, such as when a business or industry enters or leaves an area or the expansion or contraction of an existing business or industry. With an economic contribution

⁴ For more information on MRIO analysis in IMPLAN: <https://support.implan.com/hc/en-us/articles/115009713448-MRIO-Introduction-to-Multi-Regional-Input-Output-Analysis>

study, the sum of individual industry estimates will not differ from the total of what exists in a given study area; in other words, any double counting of an industry’s economic activity is avoided.

This analysis—using an economic contribution model—is an effort to evaluate the existing industry structure within an existing economy, instead of the sudden “shocks” to an economy, which an economic impact study would assess.

3.2 IMPLAN: Helping Define the Animal Feed and Pet Food Manufacturing and Related Industries

When completing an economic contribution study, there are generally questions as to how far up and down the value chain a particular industry should be assessed. Outlined below is the process used in this study for defining the animal feed and pet food manufacturing industries.

The IMPLAN modeling system contains 546 industries, which are aggregations of all North American Industry Classification System (NAICS) codes. Within the 546 industries are many that deal with crops and livestock and the processing of these commodities into other products. The following industries were most appropriate for inclusion in this economic contribution analysis:

- Sector 65, Dog and Cat Food Manufacturing
- Sector 66, Animal Feed Manufacturing

Note that the input industries for animal feed and pet food manufacturing (such as grain and soybean farming) are included via the indirect effects attributed to an activity in the above sectors. Wholesale and retail industries are not included in this analysis in order to avoid overstating the true economic value of the animal feed and pet food manufacturing industries.

4 Results

4.1 Definitions

The results of this economic contribution study are reported using the following economic measures:

- **Output:** The broadest measure of economic activity – also commonly referred to as “sales.” Output refers to the total value of all sales of an industry within a study area without any deductions for the cost or origination of inputs that were used in the production process.
- **Value Added:** A component of output, this measure includes the total sales minus the costs of inputs. Alternatively, value added is calculated as the sum of labor income (further defined below), taxes on production and imports, and other property-type income.
- **Labor Income:** A subset of value added, includes the sum of employee compensation (i.e., wages and benefits) and proprietor income (i.e., income of self-employed workers).
- **Employment (Jobs):** A measure of part- and full-time job positions, including contract workers, without regard to their full-time equivalence. Since it is not representative solely of full-time positions or full-time equivalents, care must be made when drawing comparisons to other measures of employment.
- **Taxes:** The net sum of taxes paid at the local, state and federal levels net of subsidies (subsidies are included in this total as a negative tax).

4.2 Combined National and State Results

In 2023, the U.S. animal feed and pet food manufacturing industries are estimated to **directly** contribute the following to the national economy:

- \$18.8 billion in value added, including \$6.9 billion in labor income
- 80,344 jobs
- \$85.2 billion in output (sales)
- \$3.7 billion in local, state, and federal taxes

Including indirect and induced effects, the **total** contribution of the U.S. animal feed and pet food manufacturing industries grows to:

- \$98.4 billion in value added, including \$55.0 billion in labor income
- 759,596 jobs
- \$267.1 billion in output
- \$18.5 billion in local, state, and federal taxes

4.2.1 Jobs

At the national level, the animal feed and pet food manufacturing industries contribute an estimated 759,596 full- and part-time jobs within and related to these industries in 2023. Figure 6 shows the estimated total job contribution by state. At the state level, Missouri is the leading state in this category with an estimated jobs contribution of 54,352, followed by California, Texas, Iowa, and Pennsylvania. Each of these five states are home to at least 18 pet food manufacturing facilities and at least 132 animal feed mills.

Animal Feed and Pet Food Industry Employment

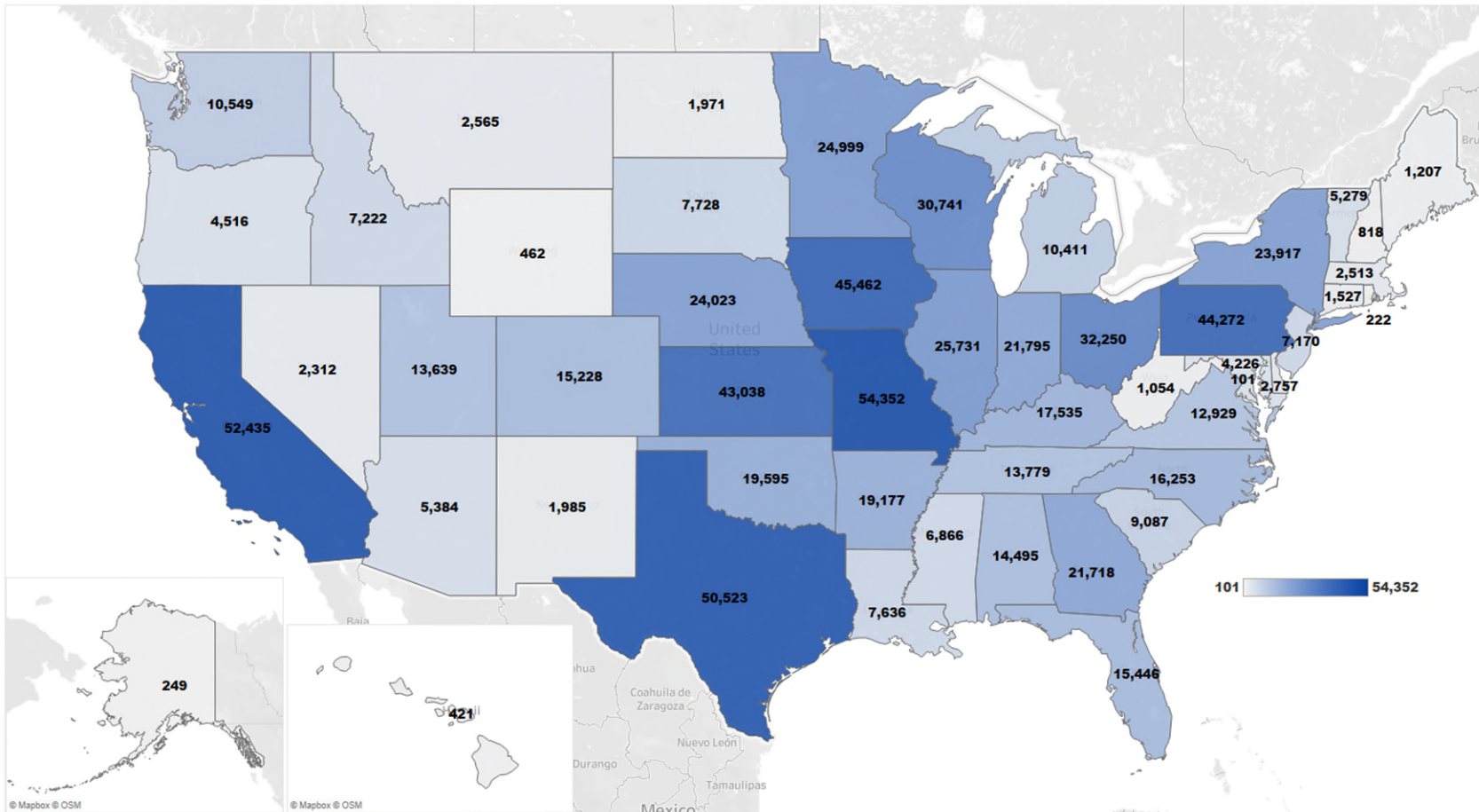


Figure 6. Animal Feed and Pet Food Industry Employment by State

4.2.2 Value Added

The animal feed and pet food manufacturing industries contribute an estimated \$98.4 billion in total value added in the United States. In addition to purchasing needed inputs, the animal feed and pet food manufacturing industries also generate economic activity by utilizing related services and industries such as truck and rail transportation services, financial institutions, advertising, and more. The five states with the largest contribution in terms of value added are Missouri (\$7.2 billion), California (\$7.1 billion), Kansas (\$6.3 billion), Texas (\$6.1 billion), and Iowa (\$6.0 billion) (Figure 7).

Animal Feed and Pet Food Industry Value Added (\$M)

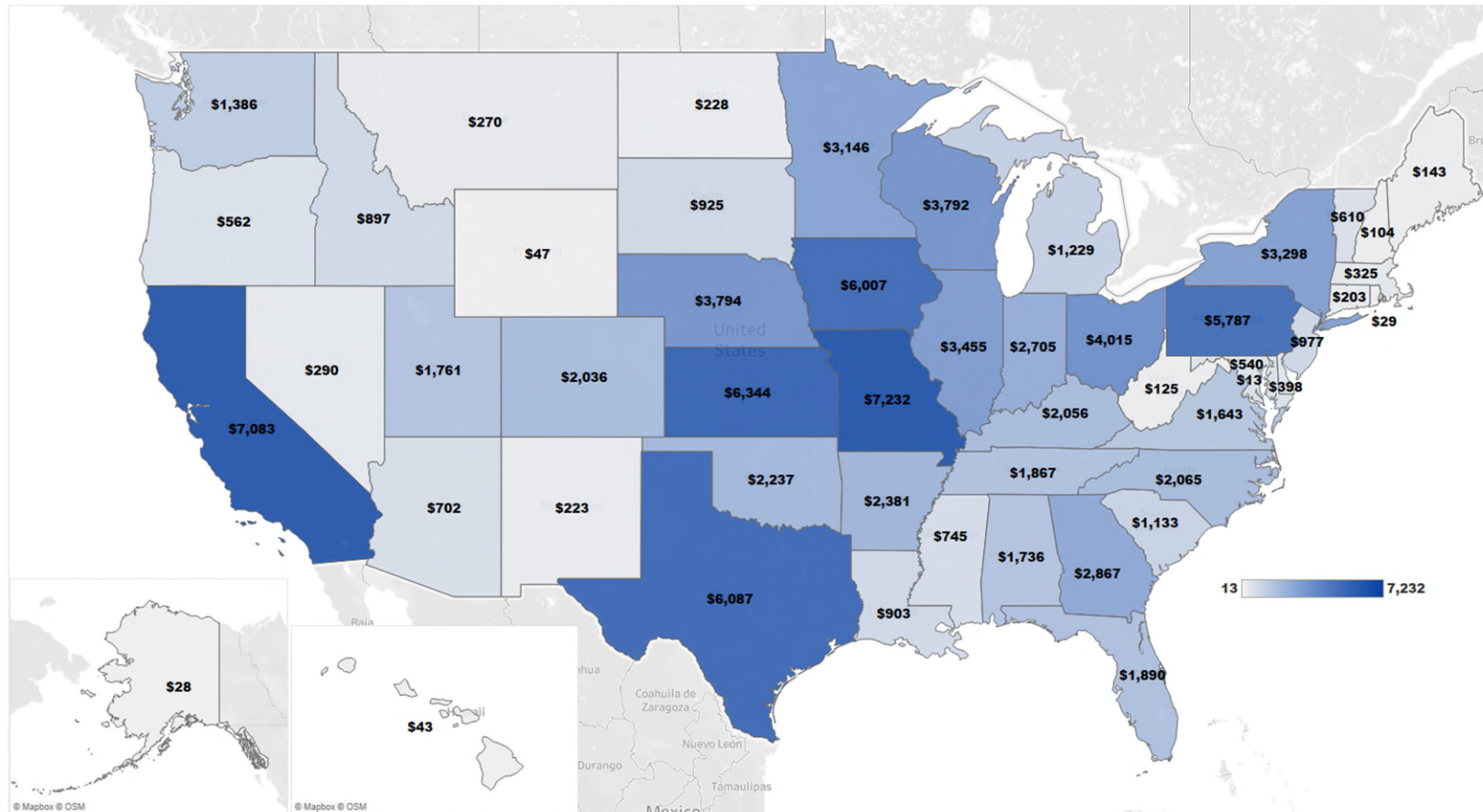


Figure 7. Animal Feed and Pet Food Industry Value Added by State

4.2.3 Labor Income

The animal feed and pet food manufacturing industries contribute an estimated \$55.0 billion in total labor income in the United States. Labor income contribution by state is shown in Figure 8. California has the highest total labor income with an estimated value of \$4.0 billion. The other states in the top five are Missouri, Texas, Pennsylvania, and Iowa. Each of these top states have a considerable number of animal feed and pet food mills. For example, Texas is home to 19 pet food facilities and more than 600 animal feed mills.

Animal Feed and Pet Food Industry Labor Income (\$M)

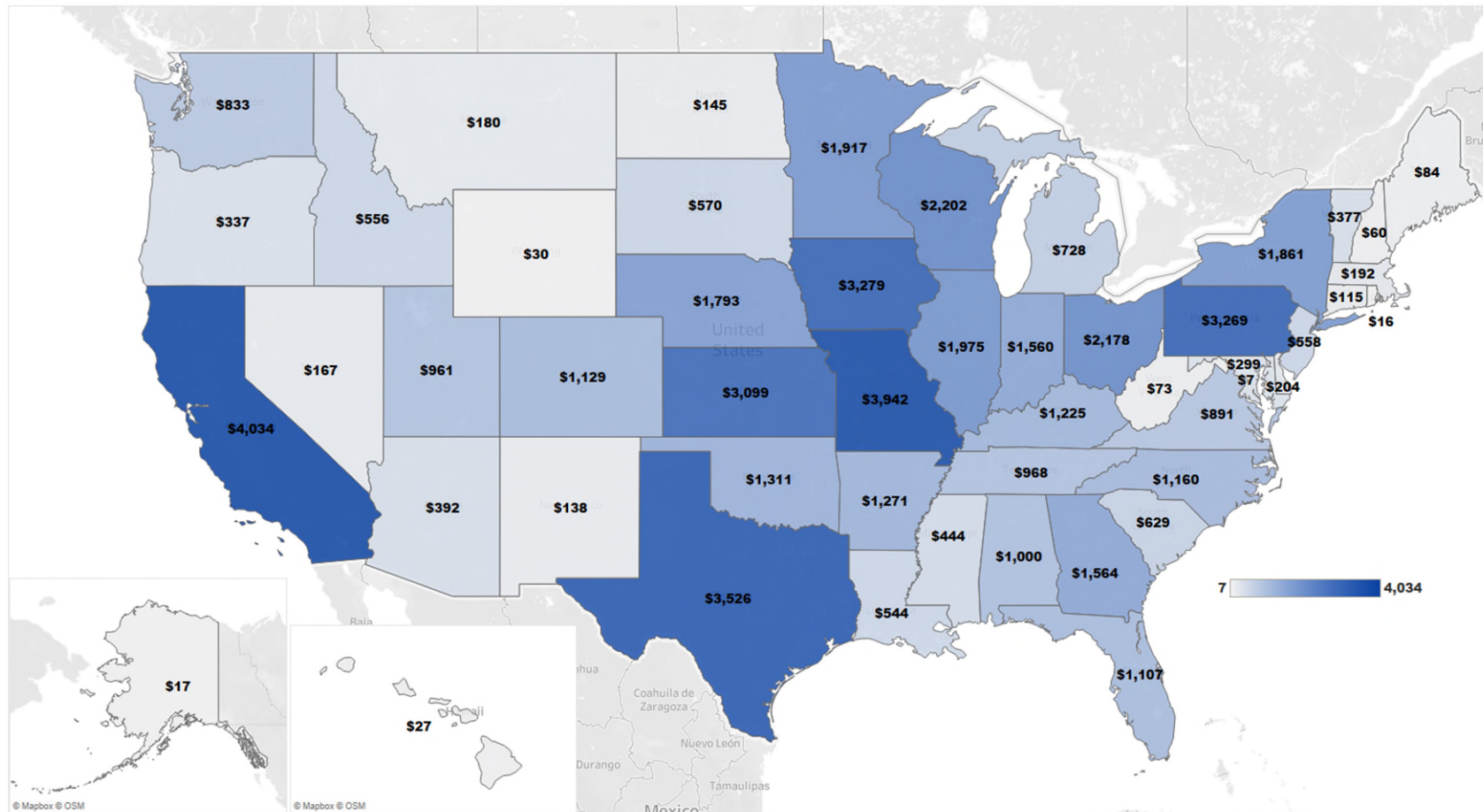


Figure 8. Animal Feed and Pet Food Industry Labor Income by State

4.2.4 Output

The animal feed and pet food manufacturing industries contribute roughly \$267.1 billion in total output (sales) within and related to these industries in the United States. As shown in Figure 9, the states with the highest contribution in terms of output are California (\$19.5 billion), Missouri (\$18.6 billion), Texas (\$17.1 billion), Iowa (\$16.5 billion), and Kansas (\$16.2 billion).

Animal Feed and Pet Food Industry Output (\$M)

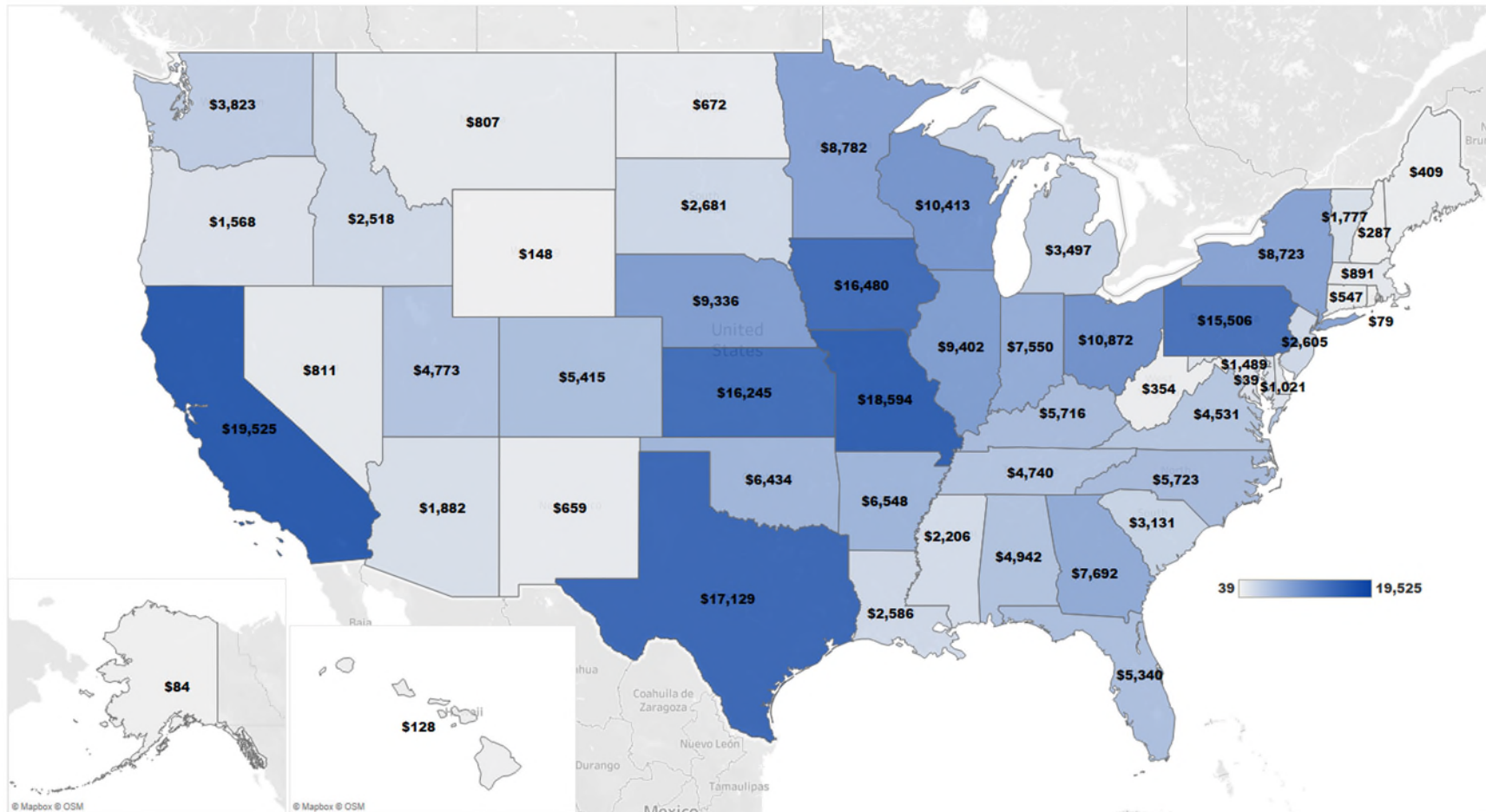


Figure 9. Animal Feed and Pet Food Industry Output by State

4.2.5 Taxes

The economic activity associated with the animal feed and pet food manufacturing industries is also a significant source of tax revenue. An estimated net total of \$18.5 billion in local, state, and federal taxes is paid as a result of activity within and related to these industries. The estimated tax contribution by state is shown in Figure 10.

Animal Feed and Pet Food Industry Total Taxes (\$M)

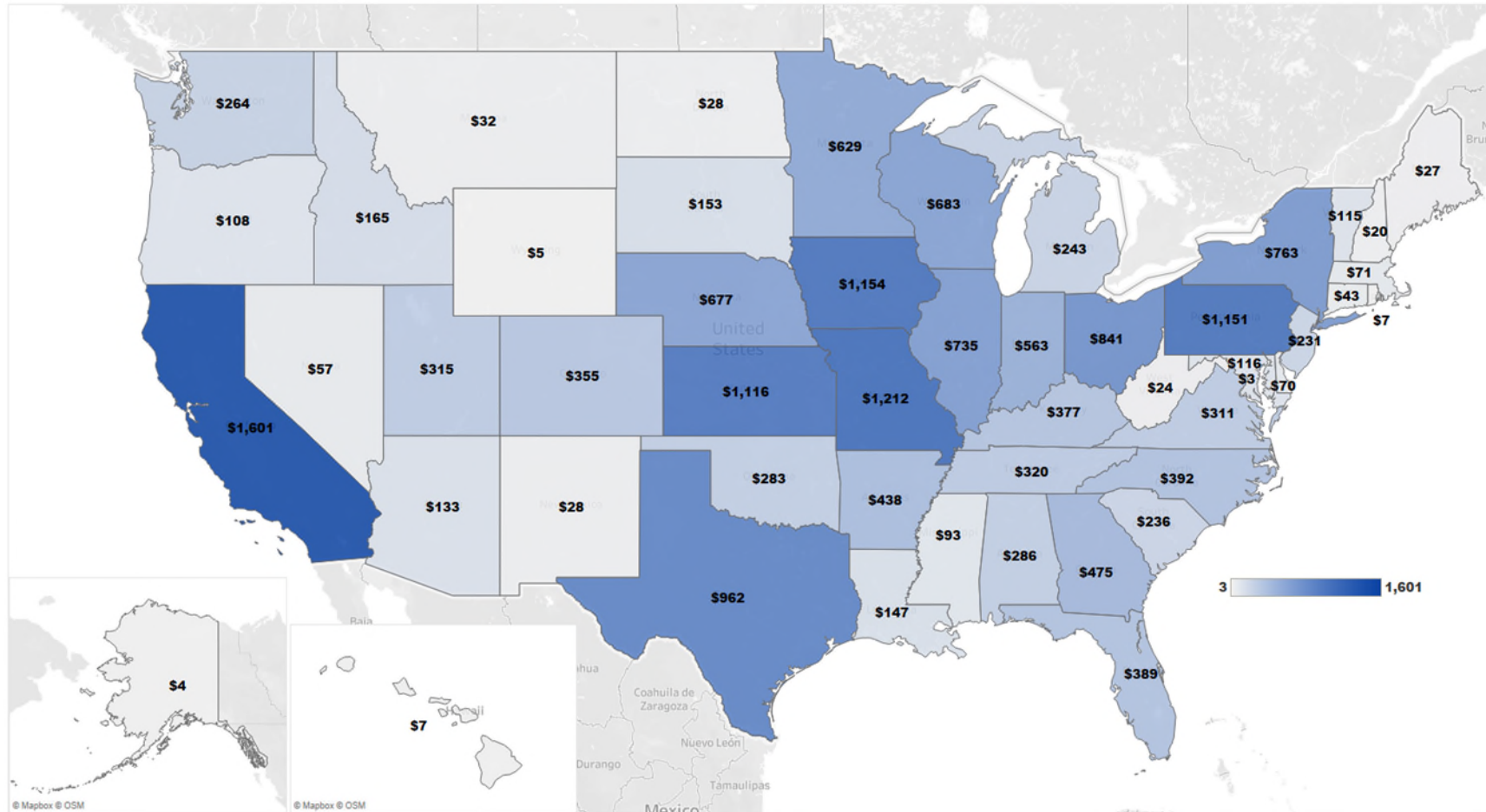


Figure 10. Animal Feed and Pet Food Industry Total Taxes by State

4.3 Combined Congressional District Results

Taking the same methodology used to estimate the state and national results, federal congressional district results are provided in this section. While some congressional districts are mentioned throughout this section, all results can be found in Appendix C: Detailed Congressional Level Results.

4.3.1 Jobs

Figure 11 shows the 2023 congressional districts in terms of the total jobs contributed by that district's animal feed and pet food manufacturing industries. The U.S. congressional districts with the most jobs contributed include Kansas-2 (23,588), Texas-13 (15,971), Missouri-7 (15,615), Iowa-4 (14,676), and Nebraska-3 (14,075).

Animal Feed and Pet Food Industry Employment by Congressional District

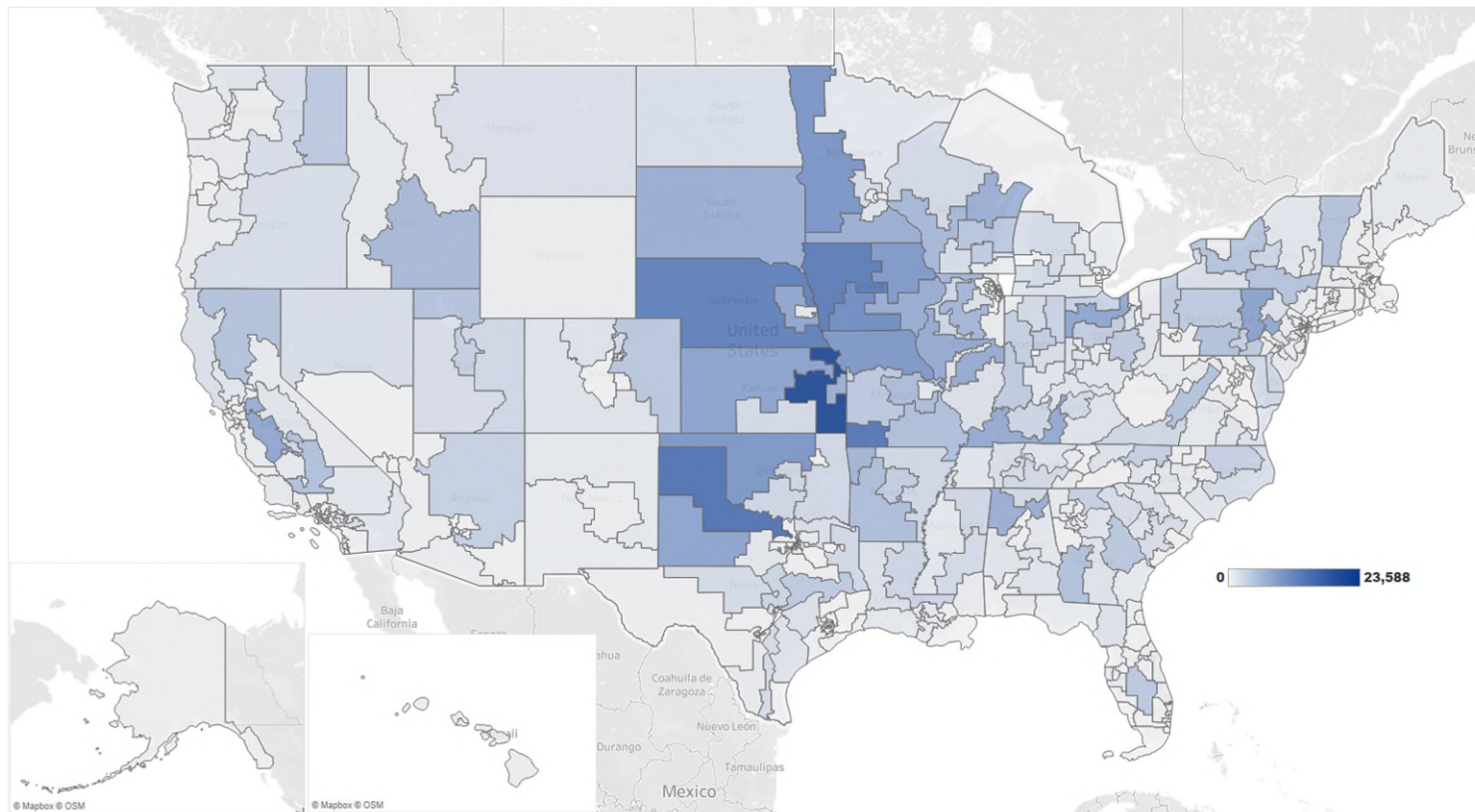


Figure 11. Animal Feed and Pet Food Industry Employment by Congressional District

4.3.2 Value Added

The leading U.S. congressional districts for value added from animal feed and pet food manufacturing and related industries include Kansas-2 (\$3.4 billion), Nebraska-3 (\$2.2 billion), Texas-13 (\$2.1 billion), Iowa-4 (\$1.9 billion), and Missouri-7 (\$1.9 billion) (Figure 12).

Animal Feed and Pet Food Industry Value Added by Congressional District

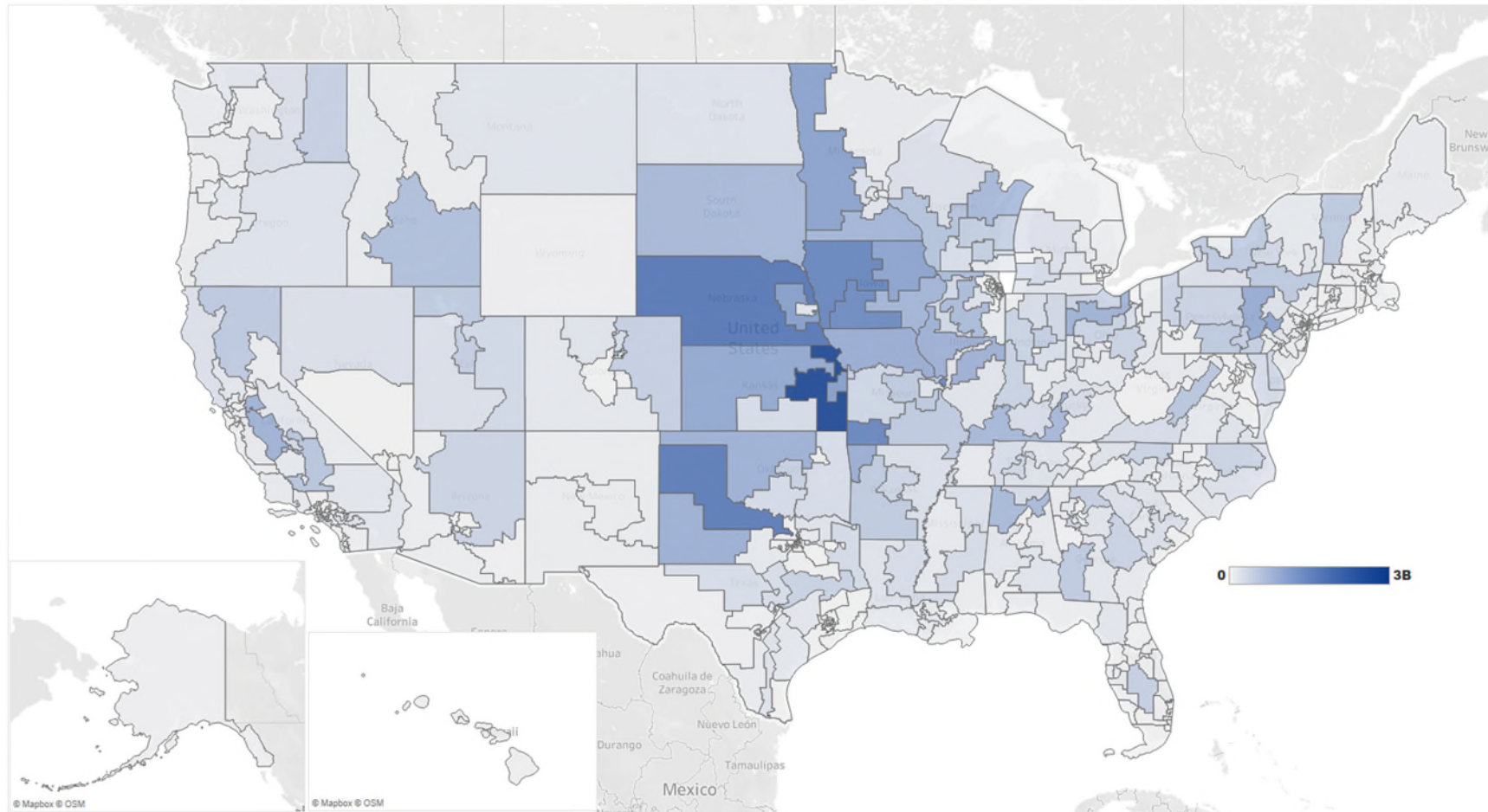


Figure 12. Animal Feed and Pet Food Industry Value Added by Congressional District

4.3.3 Labor Income

Figure 13 shows the estimated labor income contribution of the animal feed and pet food manufacturing industries in each U.S. congressional district. Six districts have an estimated labor income contribution of more than \$1.0 billion: Kansas-2 (\$1.6 billion), Texas-13 (\$1.4 billion), Missouri-7 (\$1.1 billion), Iowa-4 (\$1.0 billion), Nebraska-3 (\$1.0 billion), and Iowa-3 (\$1.0 billion).

Animal Feed and Pet Food Industry Labor Income by Congressional District

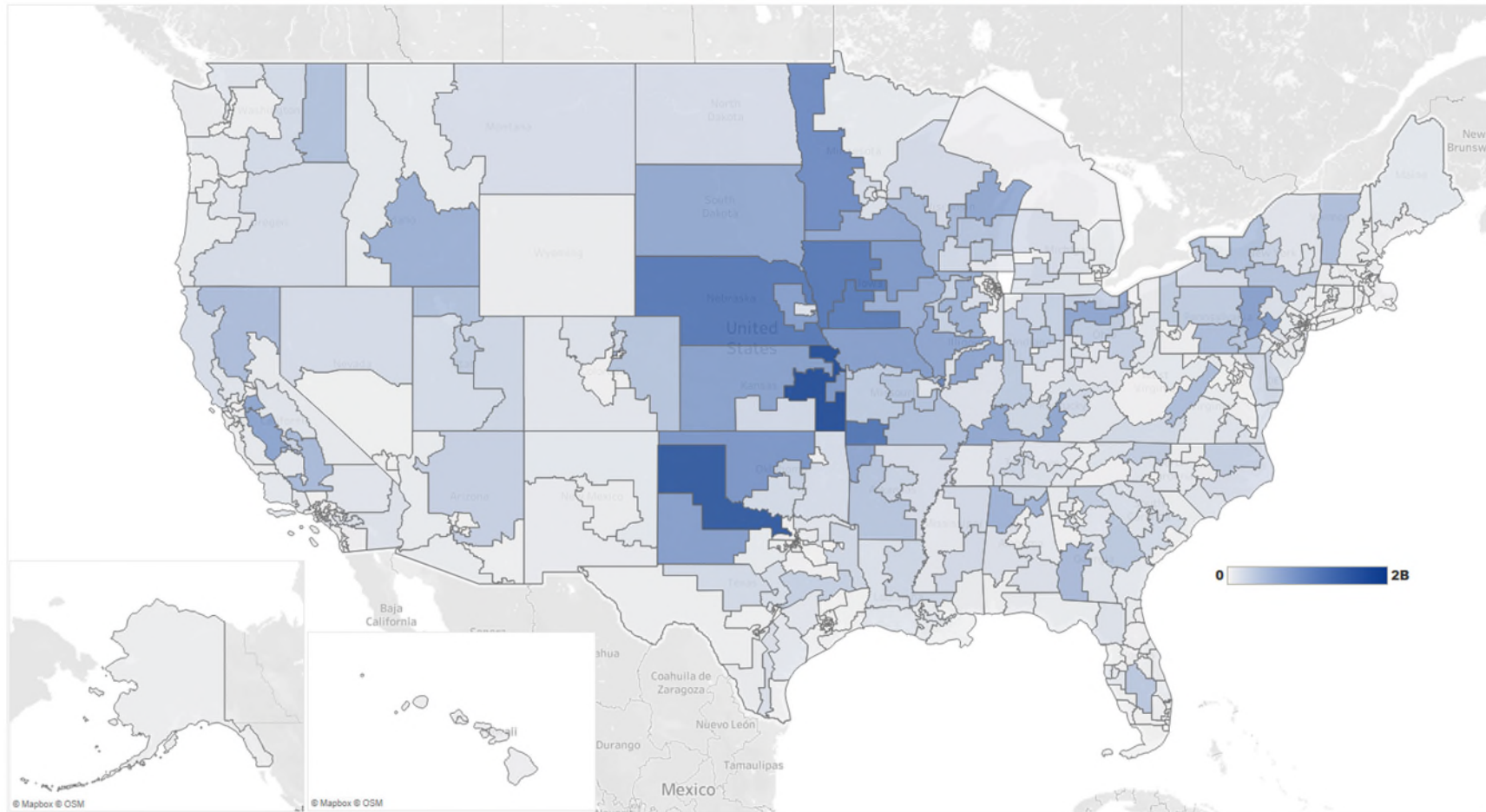


Figure 13. Animal Feed and Pet Food Industry Labor Income by Congressional District

4.3.4 Output

Figure 14 shows the estimated output (sales) contribution of the animal feed and pet food manufacturing industries in each U.S. congressional district. The top five congressional districts in this category are Kansas-2 (\$8.9 billion), Texas-13 (\$5.8 billion), Iowa-4 (\$5.8 billion), Nebraska-3 (\$5.6 billion), and Missouri-7 (\$4.6 billion).

Animal Feed and Pet Food Industry Output by Congressional District

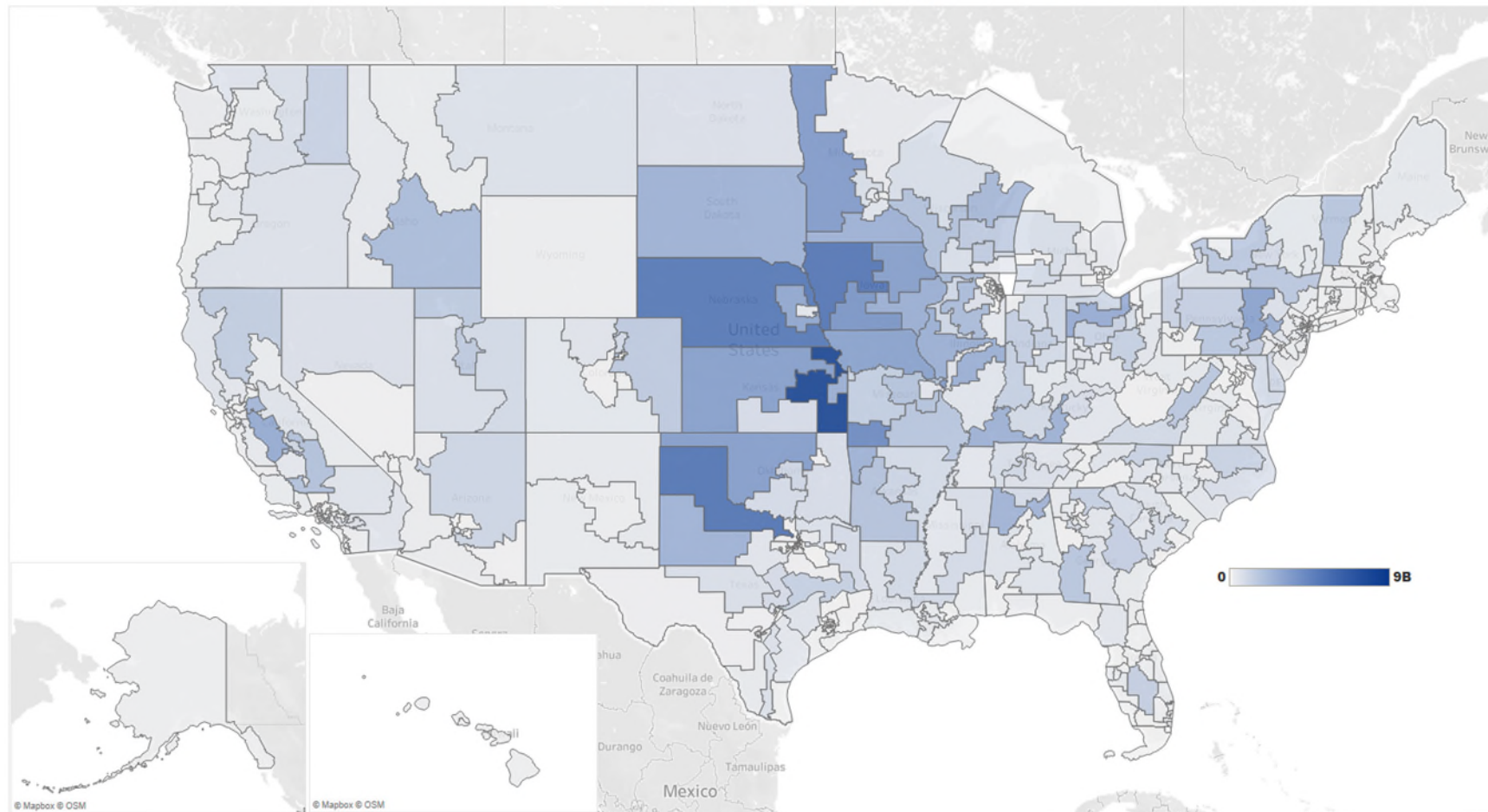


Figure 14. Animal Feed and Pet Food Industry Output by Congressional District

4.3.5 Taxes

The leading U.S. congressional districts for estimated taxes paid by the animal feed and pet food manufacturing industries include Kansas-2 (\$635.6 million), Iowa-3 (\$446.4 million), Missouri-6 (\$443.1 million), Nebraska-3 (\$428.4 million), and Texas-13 (\$347.6 million) (Figure 15).

Animal Feed and Pet Food Industry Total Taxes by Congressional District

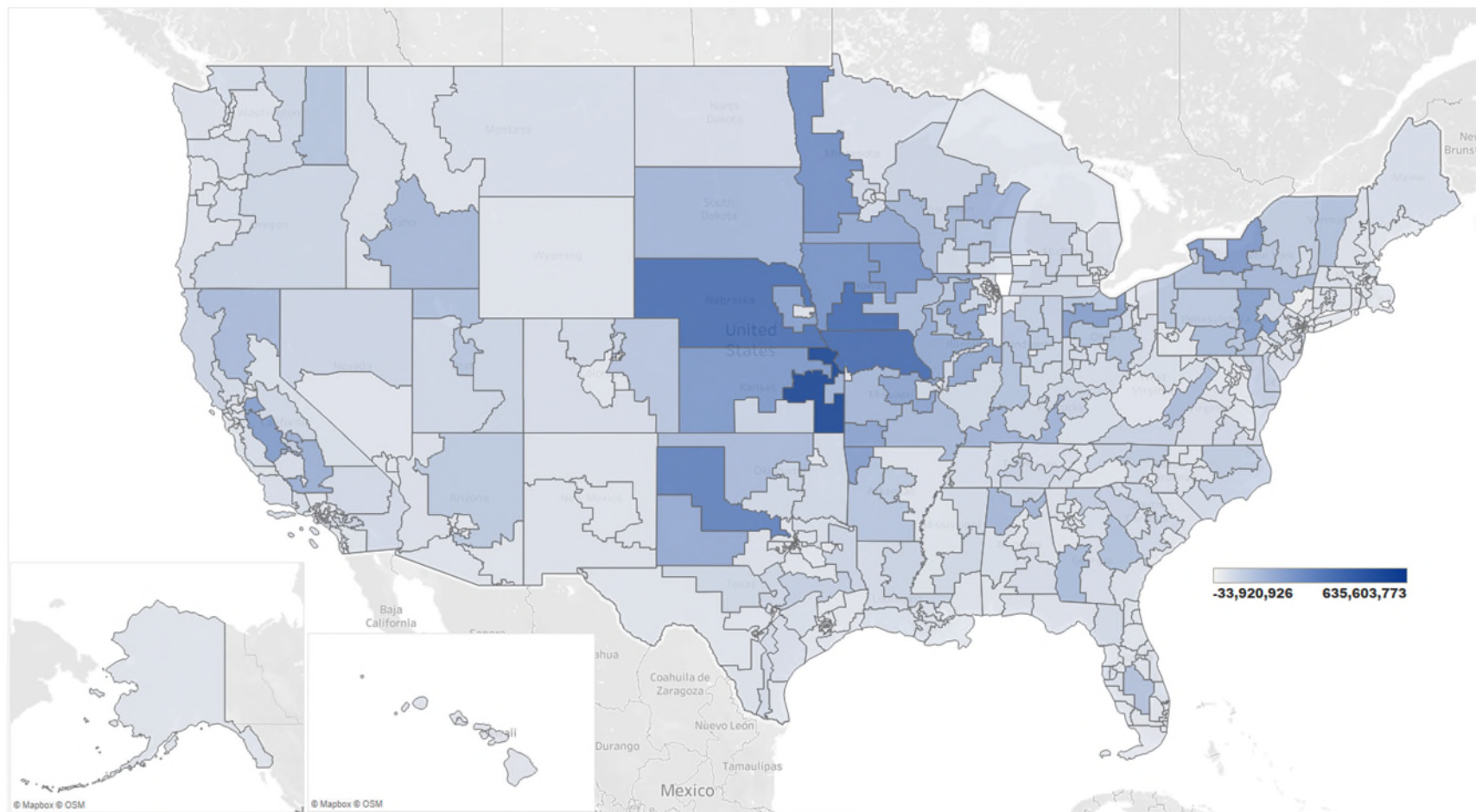


Figure 15. Animal Feed and Pet Food Industry Total Taxes by Congressional District

4.4 Animal Feed Industry National and State Results

The U.S. animal feed manufacturing industry, as a subset of the total animal food industry is estimated to **directly** contribute the following to the national economy:

- \$8.0 billion in value added, including \$4.0 billion in labor income
- 47,406 jobs
- \$50.7 billion in output (sales)
- \$2.2 billion in local, state, and federal taxes

Including indirect and induced effects, the **total** contribution of the U.S. animal feed manufacturing industry is:

- \$58.4 billion in value added, including \$34.5 billion in labor income
- 475,861 jobs
- \$164.8 billion in output
- \$11.1 billion in local, state, and federal taxes

Three states stand out in terms of the economic contribution of their animal feed manufacturing industries: Texas, California, and Iowa. All three states are home to many feed mills generating local and regional economic activity. Texas has 647 feed mills, California has 132, and Iowa has 376. The animal feed manufacturers in these three states contribute the following **total** activity to the economy:

- \$13.4 billion in value added, including \$7.8 billion in labor income
- 106,882 jobs
- \$38.0 billion in output
- \$2.6 billion in local, state, and federal taxes

4.4.1 Jobs

At the national level, the animal feed manufacturing industry contributes an estimated 475,861 jobs within and related to this industry. Figure 16 shows the estimated jobs contribution by state. The top five states in this category are Texas, California, Iowa, Ohio, and Pennsylvania. Texas leads the way in this category, with 647 feed mills helping to generate more than 41,000 jobs.

Animal Feed Industry Employment

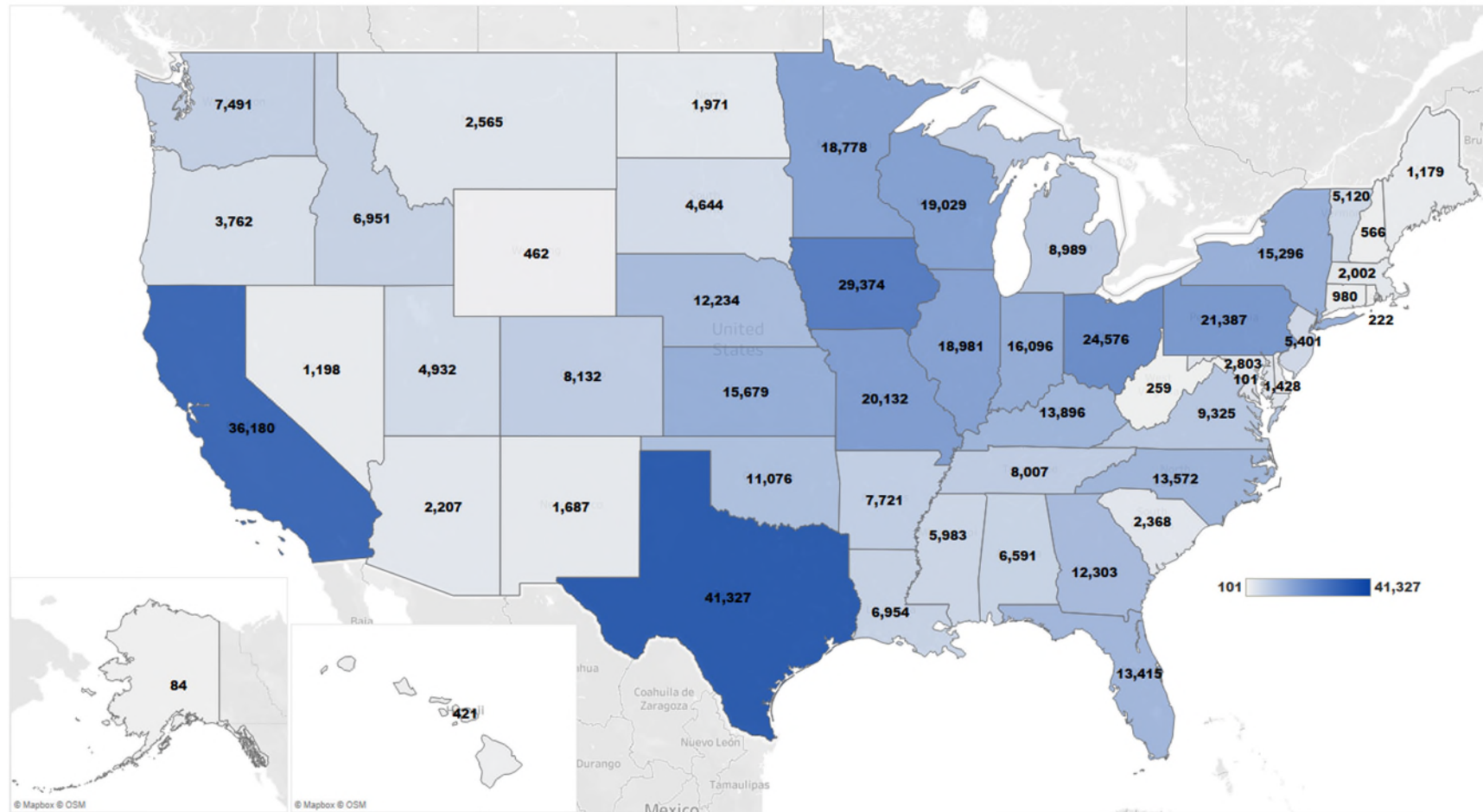


Figure 16. Animal Feed Industry Employment by State

4.4.2 Value Added

The animal feed manufacturing industry contributes an estimated \$58.4 billion in total value added across the United States. Figure 17 shows the estimated value-added contribution by state. The top five states in this category are Texas (\$4.9 billion), California (\$4.8 billion), Iowa (\$3.7 billion), Ohio (\$2.9 billion), and Pennsylvania (\$2.6 billion).

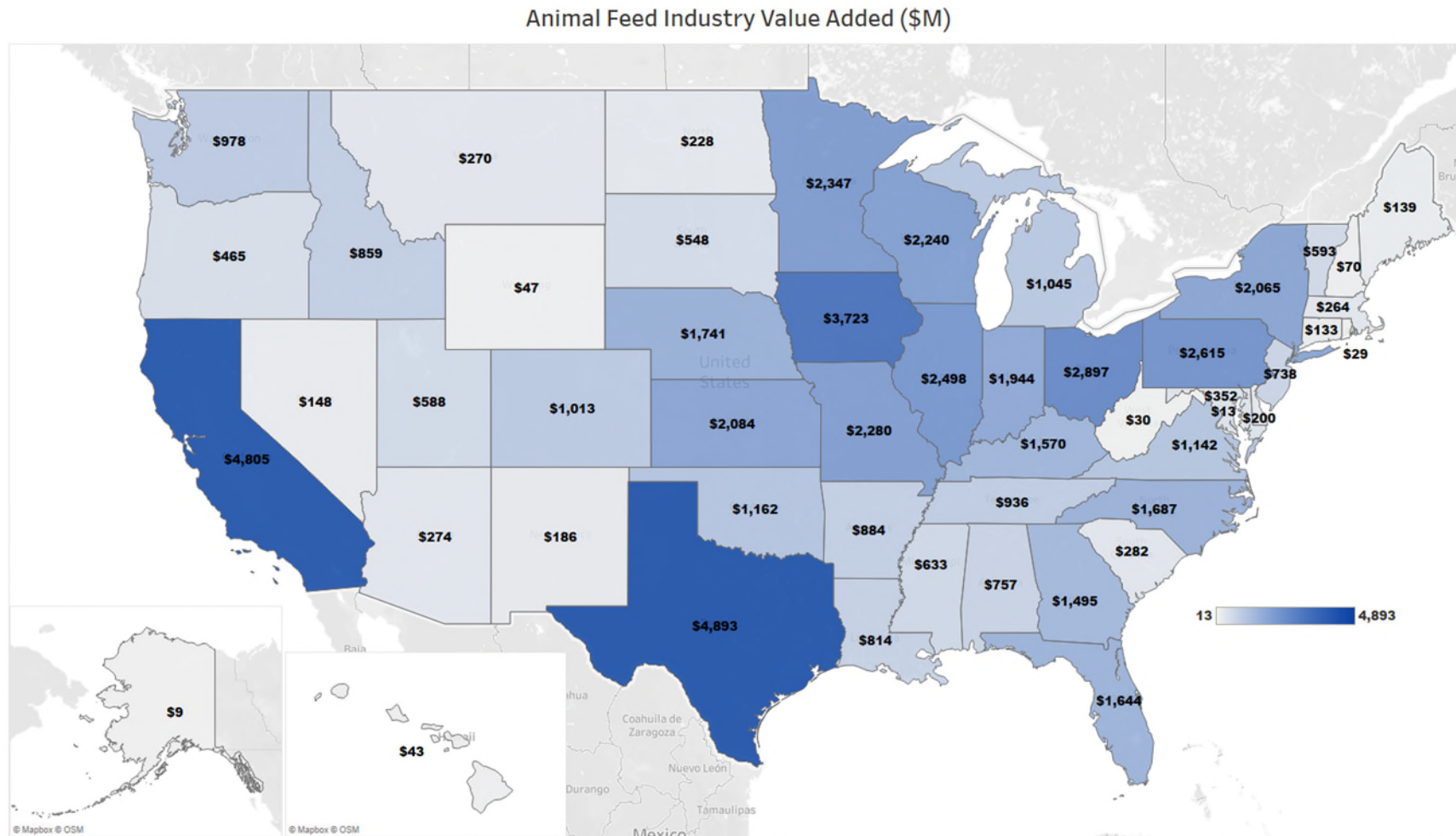


Figure 17. Animal Feed Industry Value Added by State

4.4.3 Labor Income

At the national level, the animal feed manufacturing industry contributes an estimated \$34.5 billion in total labor income within and related to this industry. Figure 18 shows the labor income contribution by state. Texas, California, and Iowa have an estimated total labor income contribution of more than \$2 billion.

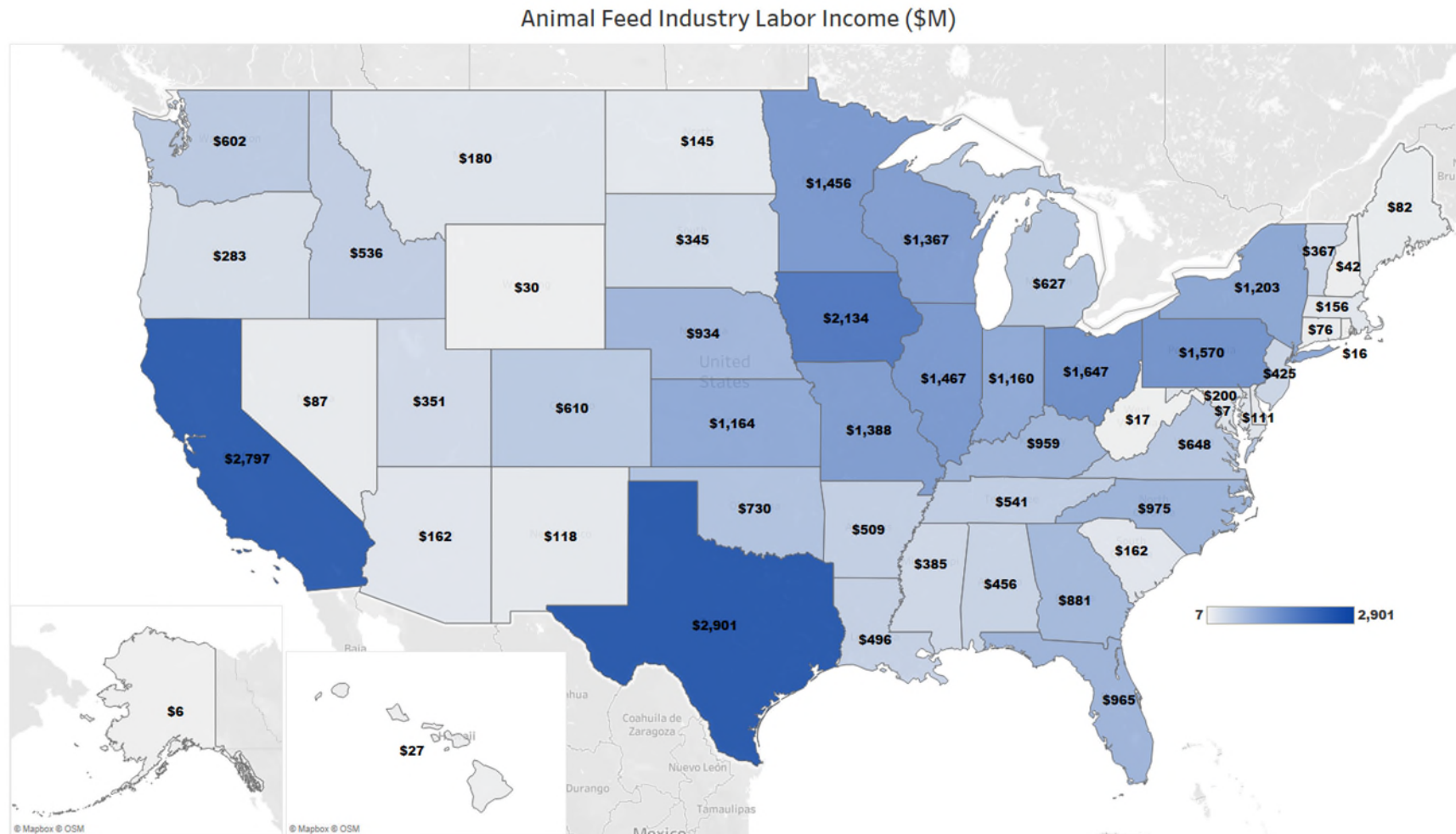


Figure 18. Animal Feed Industry Labor Income by State

4.4.4 Output

The animal feed manufacturing industry contributes an estimated \$164.8 billion in total output across the United States. Figure 19 shows the estimated output contribution by state. The top five states in this category are Texas (\$13.9 billion), California (\$13.4 billion), Iowa (\$10.6 billion), Ohio (\$8.1 billion), and Pennsylvania (\$7.4 billion).

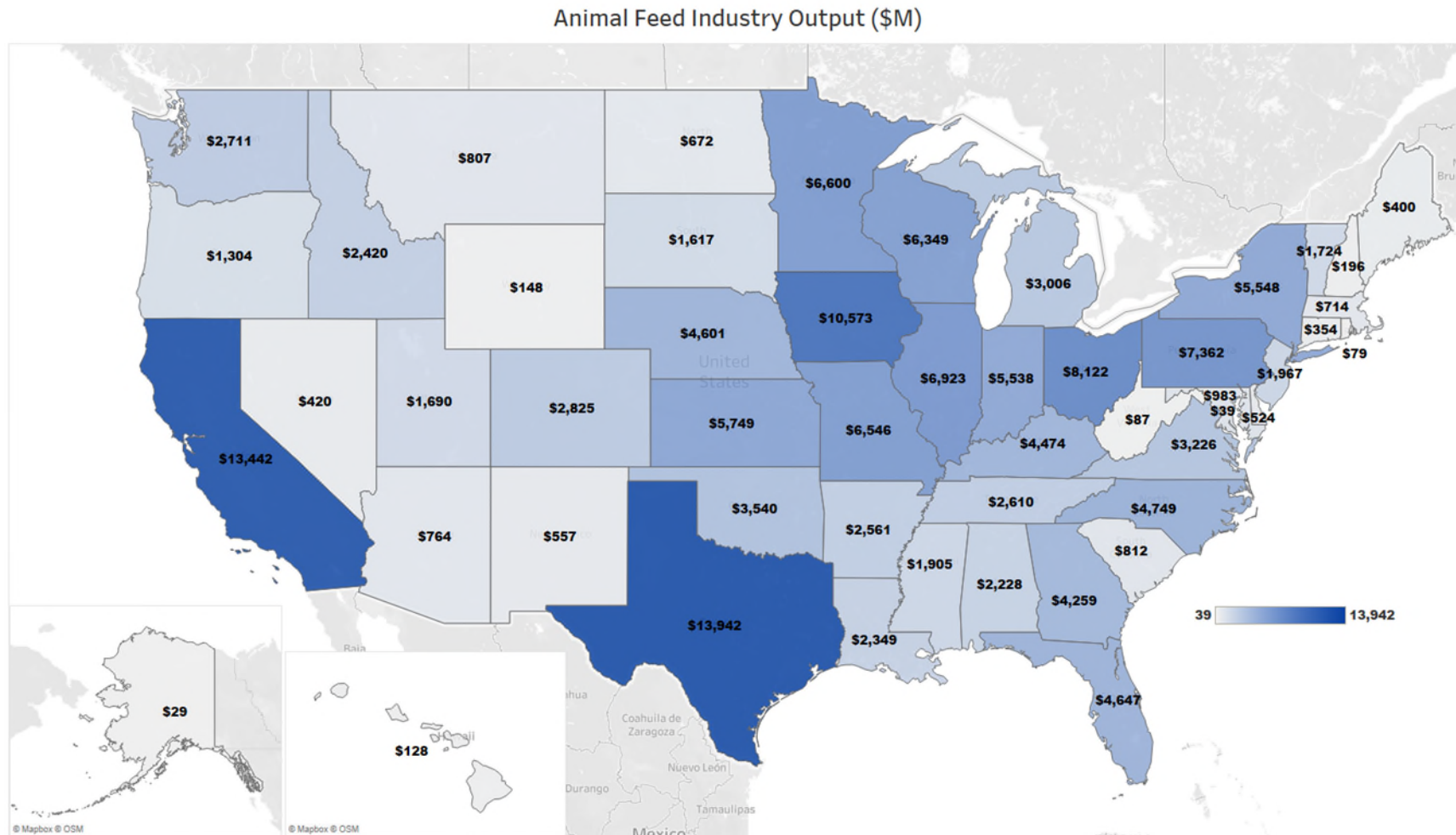


Figure 19. Animal Feed Industry Output by State

4.4.5 Taxes

The economic activity associated with the animal feed manufacturing industry is estimated to generate a net total of \$11.1 billion in local, state, and federal taxes. The estimated tax contribution by state is shown in Figure 20.

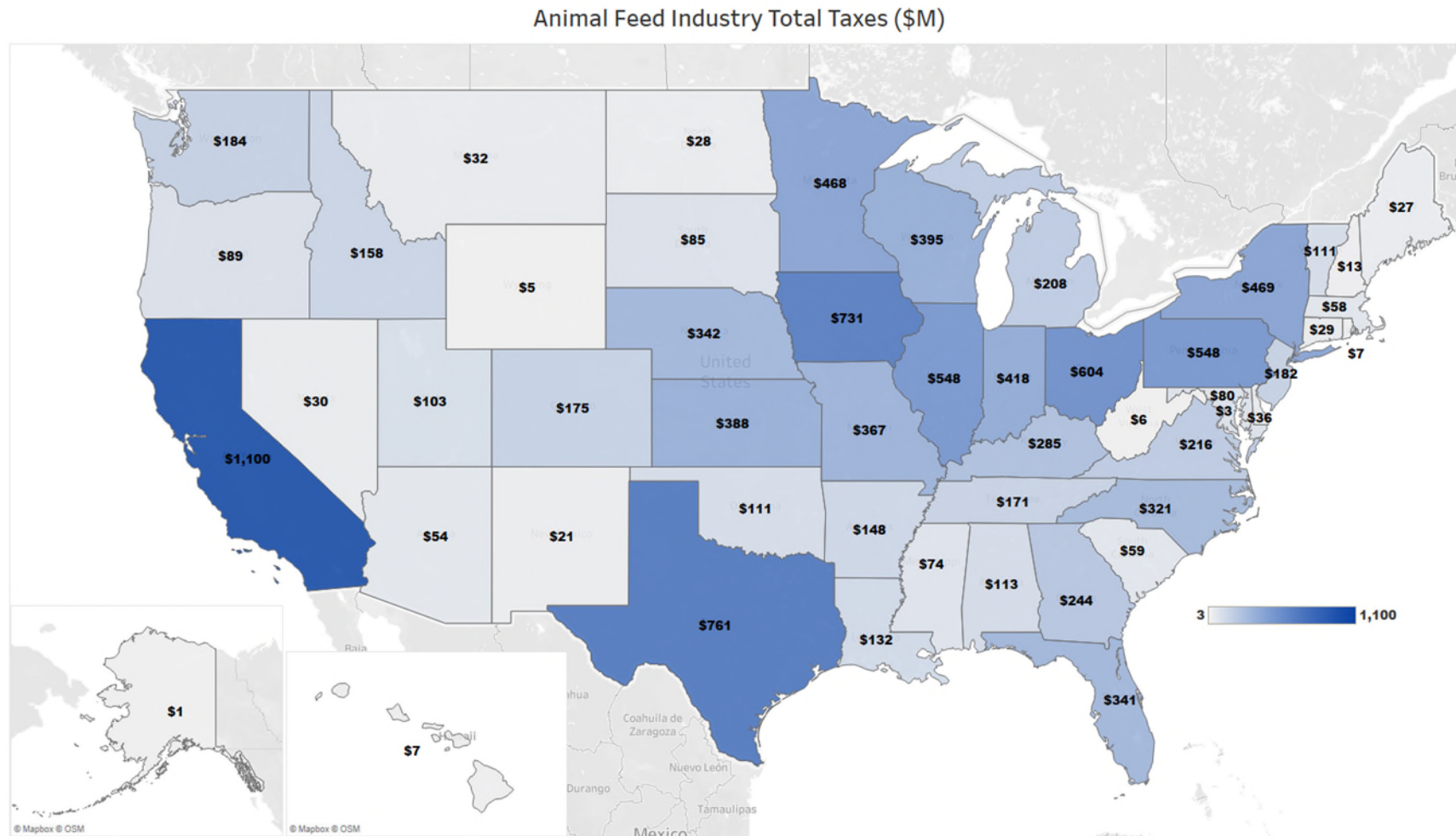


Figure 20. Animal Feed Industry Total Taxes by State

4.5 Animal Feed Congressional District Results

4.5.1 Jobs

Figure 21 shows the 2023 U.S. federal congressional districts in terms of the total jobs contributed by that district's animal feed manufacturing industry. The districts with the most jobs contributed include Texas-13 (14,352), Iowa-4 (10,976), Iowa-3 (8,562), Ohio-5 (8,262), and Minnesota-7 (8,130).

Animal Feed Industry Employment by Congressional District

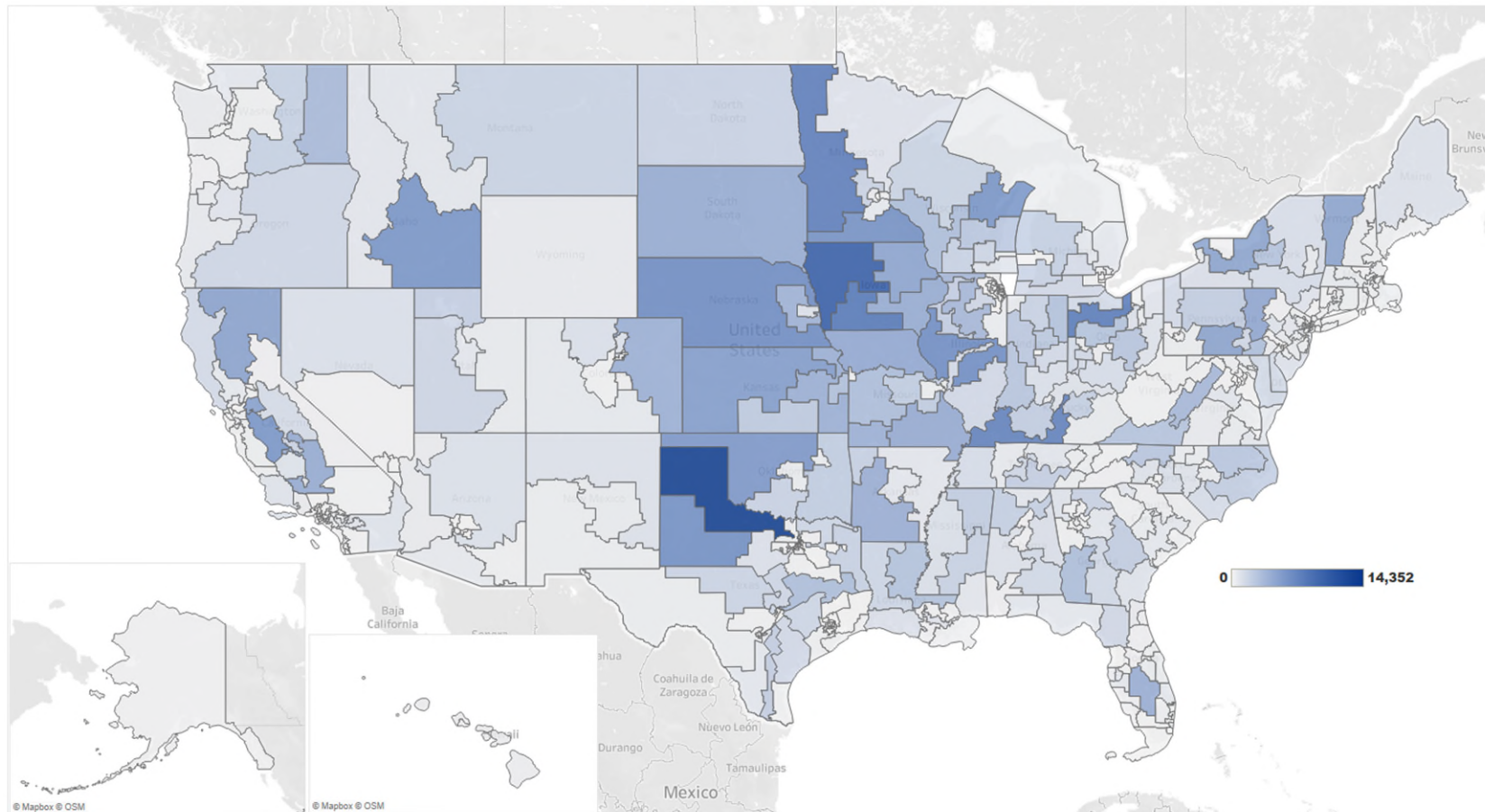


Figure 21. Animal Feed Industry Employment by Congressional District

4.5.2 Value Added

The leading U.S. congressional districts for total value added from animal feed manufacturing are Texas-13 (\$1.7 billion), Iowa-4 (\$1.4 billion), Iowa-3 (\$1.2 billion), Minnesota-7 (\$1.0 billion), and Nebraska-3 (\$1.0 billion) (Figure 22).

Animal Feed Industry Value Added by Congressional District

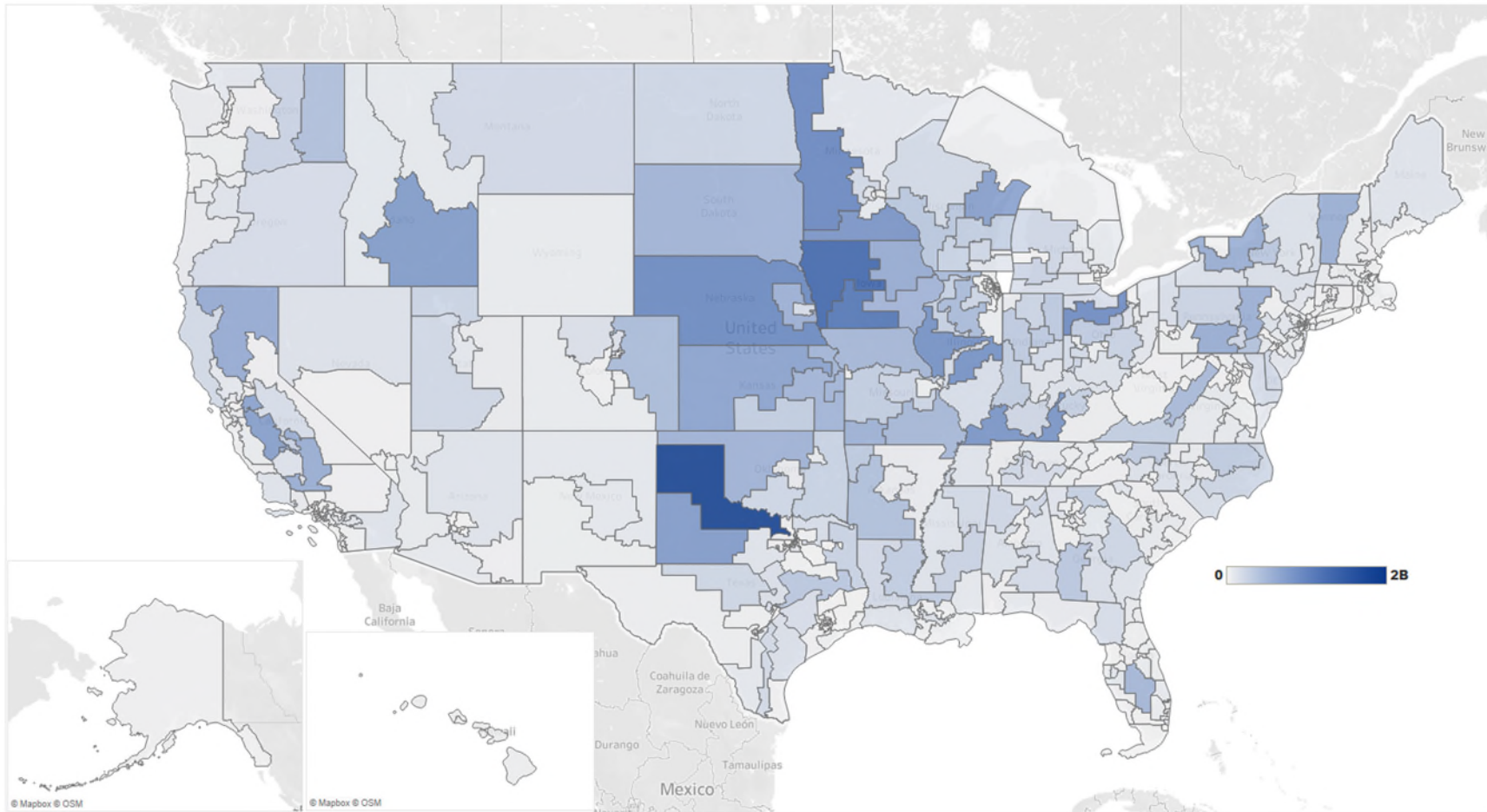


Figure 22. Animal Feed Industry Value Added by Congressional District

4.5.3 Labor Income

Figure 23 shows the estimated labor income contribution of the animal feed manufacturing industry in each U.S. congressional district. The leading congressional districts in this category are Texas-13 (\$1.3 billion), Iowa-4 (\$0.8 billion), Iowa-3 (\$0.7 billion), Minnesota-7 (\$0.6 billion), and Ohio-5 (\$0.5 billion).

Animal Feed Industry Labor Income by Congressional District

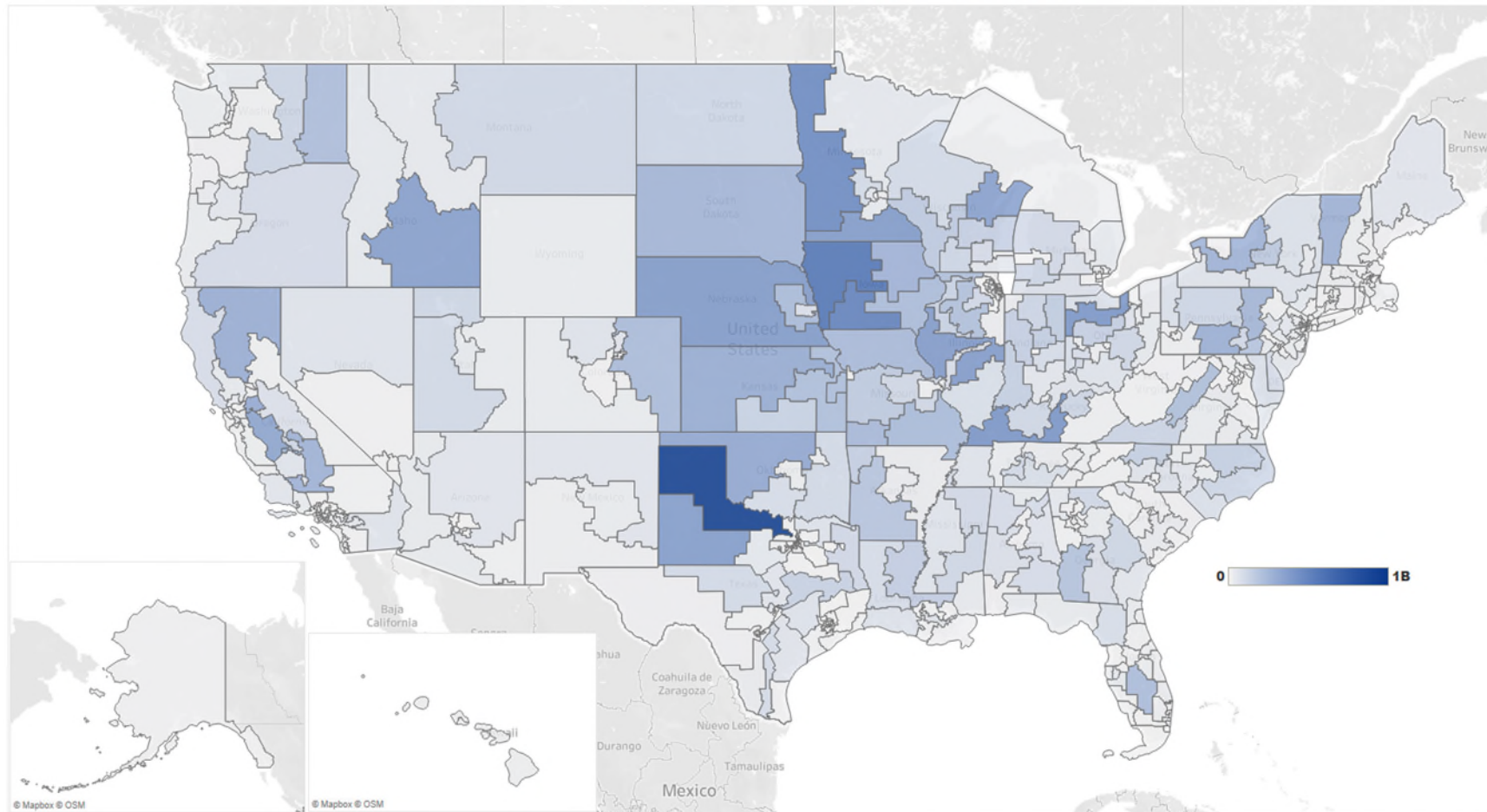


Figure 23. Animal Feed Industry Labor Income by Congressional District

4.5.4 Output

Figure 24 shows the estimated output (sales) contribution of the animal feed manufacturing industry in each U.S. congressional district. The leading congressional districts in this category are Texas-13 (\$5.2 billion), Iowa-4 (\$4.3 billion), Iowa-3 (\$2.8 billion), Minnesota-7 (\$2.8 billion), and Ohio-5 (\$2.8 billion).

Animal Feed Industry Output by Congressional District

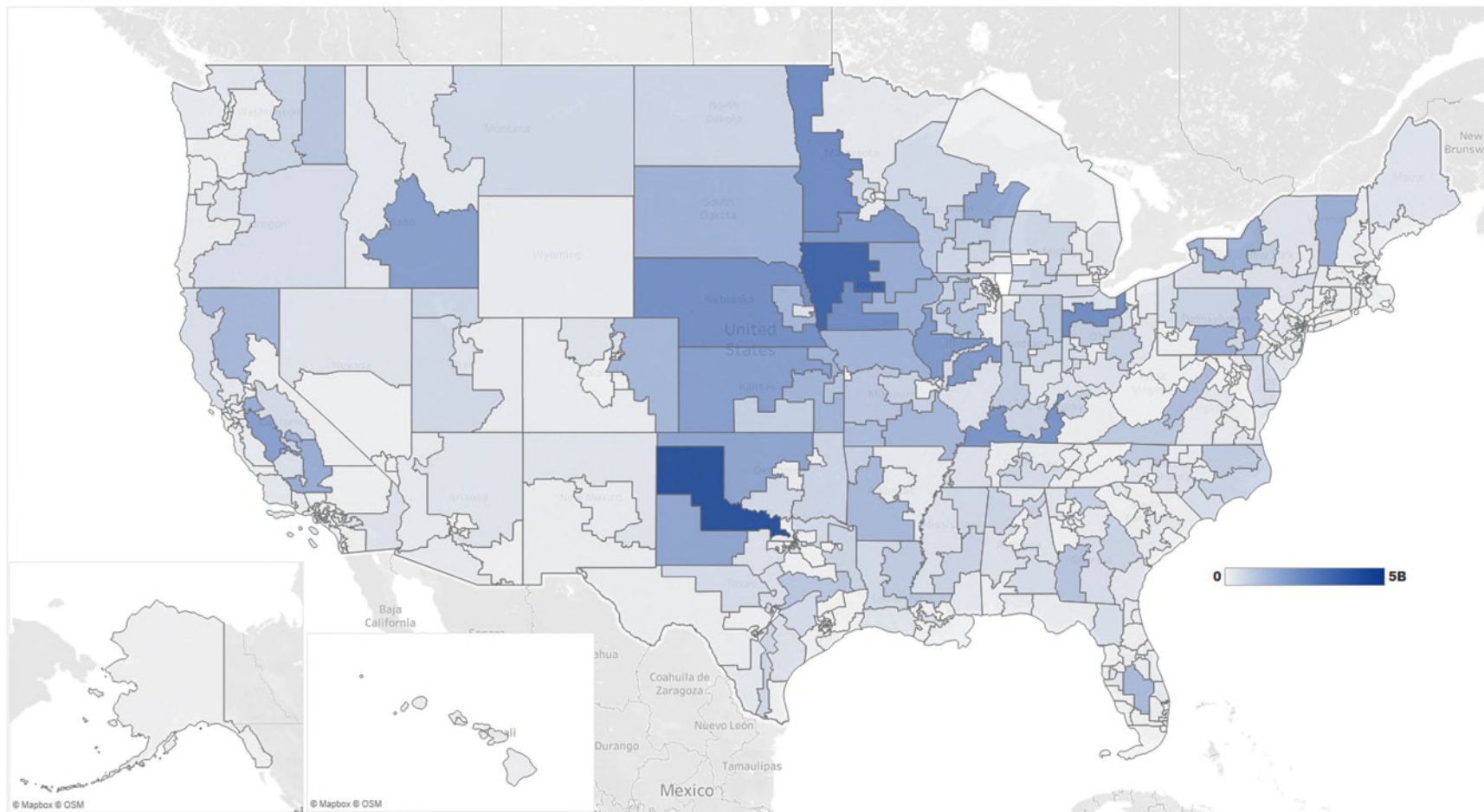


Figure 24. Animal Feed Industry Output by Congressional District

4.5.5 Taxes

The leading U.S. congressional districts for estimated taxes paid by the animal feed manufacturing industry include Texas-13 (\$305.4 million), Iowa-4 (\$299.1 million), New York-24 (\$254.7 million), Nebraska-3 (\$223.3 million), and Ohio-5 (\$213.2 million) (Figure 25).

Animal Feed Industry Total Taxes by Congressional District

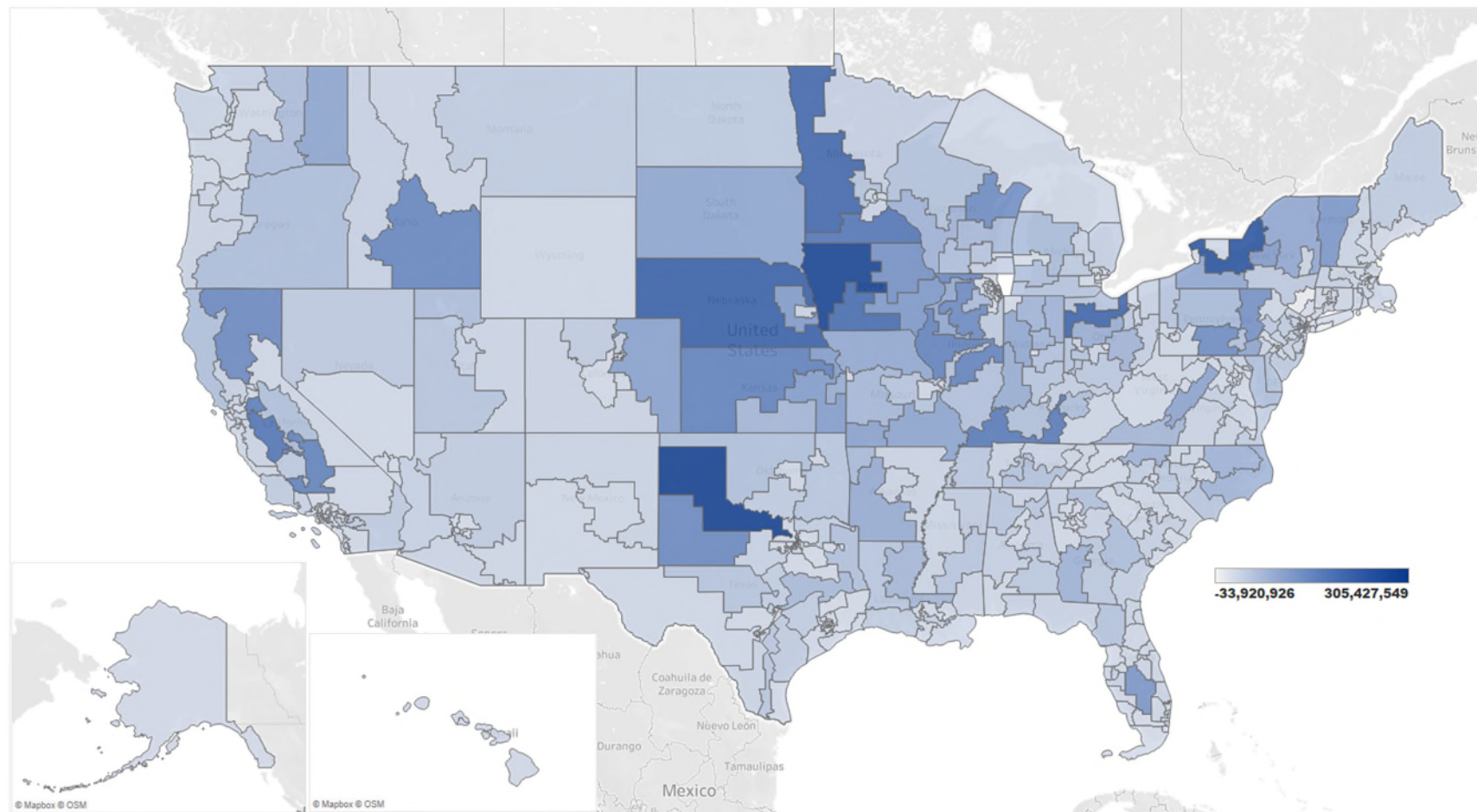


Figure 25. Animal Feed Industry Taxes by Congressional District

4.6 Pet Food Manufacturing National and State Results

The U.S. pet food manufacturing industry, as a subset of the total animal food industry, is estimated to **directly** contribute the following to the national economy:

- \$10.8 billion in value added, including \$2.9 billion in labor income
- 32,938 jobs
- \$34.5 billion in output (sales)
- \$1.6 billion in local, state, and federal taxes

Including indirect and induced effects, the **total** contribution of the U.S. pet food manufacturing industry is:

- \$40.0 billion in value added, including \$20.4 billion in labor income
- 283,736 jobs
- \$102.3 billion in output
- \$7.4 billion in local, state, and federal taxes

Five states consistently rank at the top of all reported measures of the economic contribution of their pet food manufacturing industry: Missouri, Kansas, Pennsylvania, California, and Iowa. All five states are home to many pet food manufacturing facilities generating local and regional economic activity. The pet food manufacturers in these five states contribute the following **total** activity to the economy:

- \$16.9 billion in value added, including \$8.6 billion in labor income
- 116,807 jobs
- \$42.7 billion in output
- \$3.1 billion in local, state, and federal taxes

4.6.1 Jobs

At the national level, the pet food manufacturing industry contributes an estimated 283,736 jobs within and related to this industry. Figure 26 shows the estimated jobs contribution by state. The top five states in this category are Missouri, Kansas, Pennsylvania, California, and Iowa. These states all have dozens of pet food manufacturing facilities generating economic activity, ranging from 18 in Iowa to 59 in Pennsylvania.

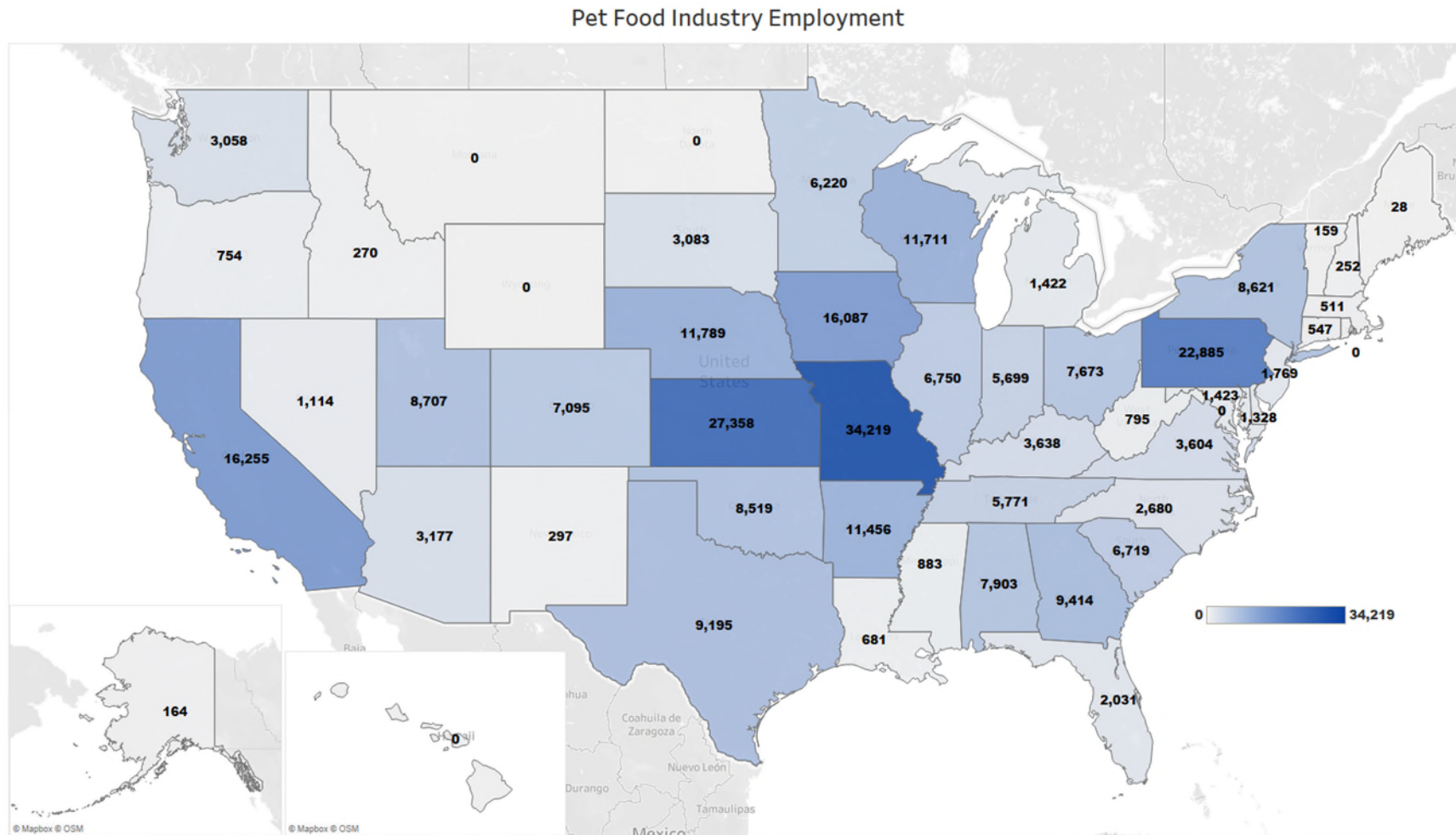


Figure 26. Pet Food Industry Employment by State

4.6.2 Value Added

The pet food manufacturing industry contributes an estimated \$40.0 billion in total value added across the United States. Figure 27 shows the estimated value-added contribution by state. The top five states in this category are Missouri (\$5.0 billion), Kansas (\$4.3 billion), Pennsylvania (\$3.2 billion), Iowa (\$2.3 billion), and California (\$2.3 billion).

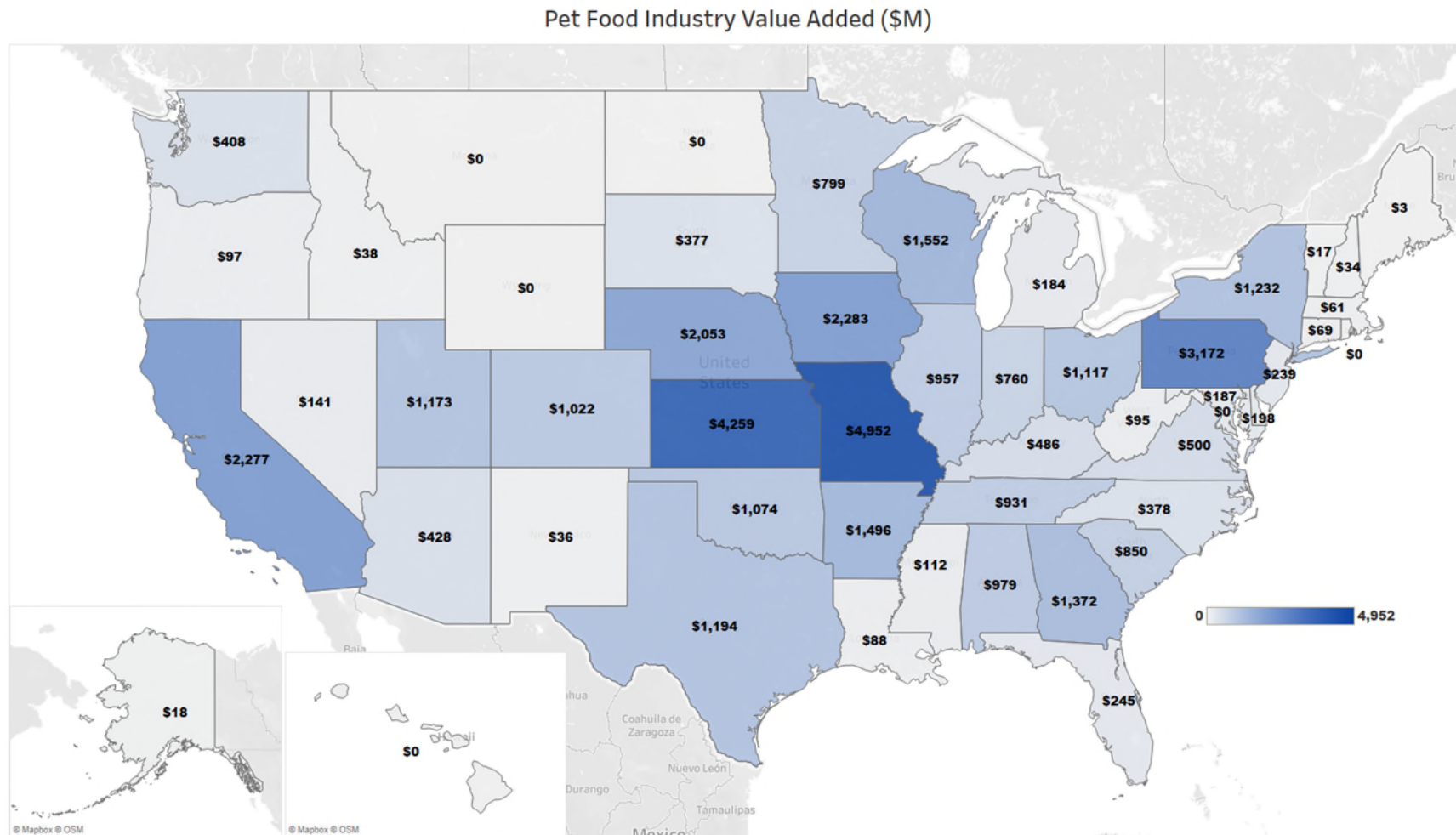


Figure 27. Pet Food Industry Value Added by State

4.6.3 Labor Income

At the national level, the pet food manufacturing industry contributes an estimated \$20.4 billion in total labor income within and related to this industry. Figure 28 shows the labor income contribution by state. The top five states (Missouri, Kansas, Pennsylvania, Iowa, and California) have an estimated total labor income contribution of more than \$1 billion, with Missouri leading the way at \$2.5 billion.

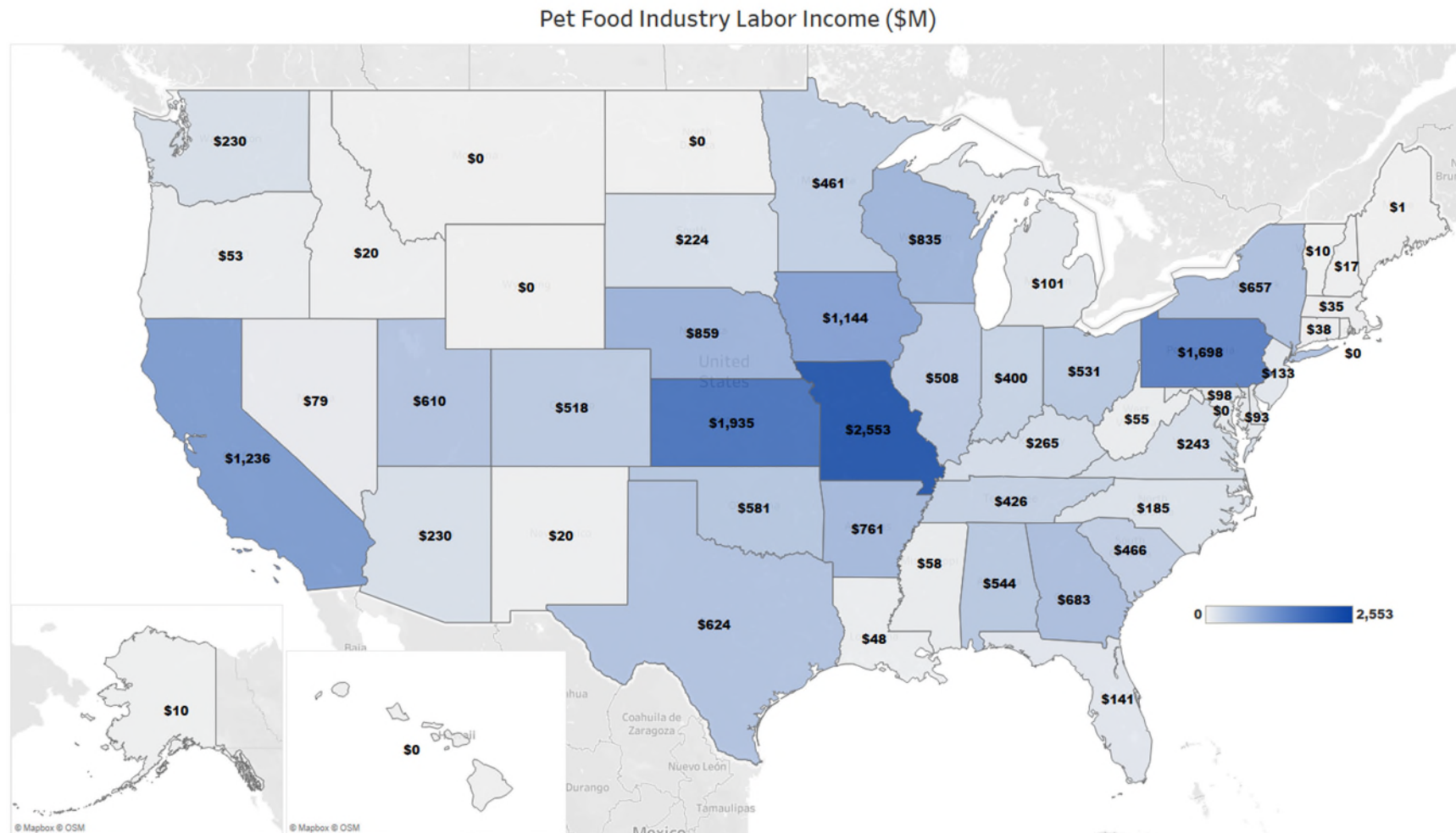


Figure 28. Pet Food Industry Labor Income by State

4.6.4 Output

The pet food manufacturing industry contributes an estimated \$102.3 billion in total output across the United States. Figure 29 shows the estimated output contribution by state. Both Kansas and Missouri have an estimated output contribution of more than \$10.0 billion.

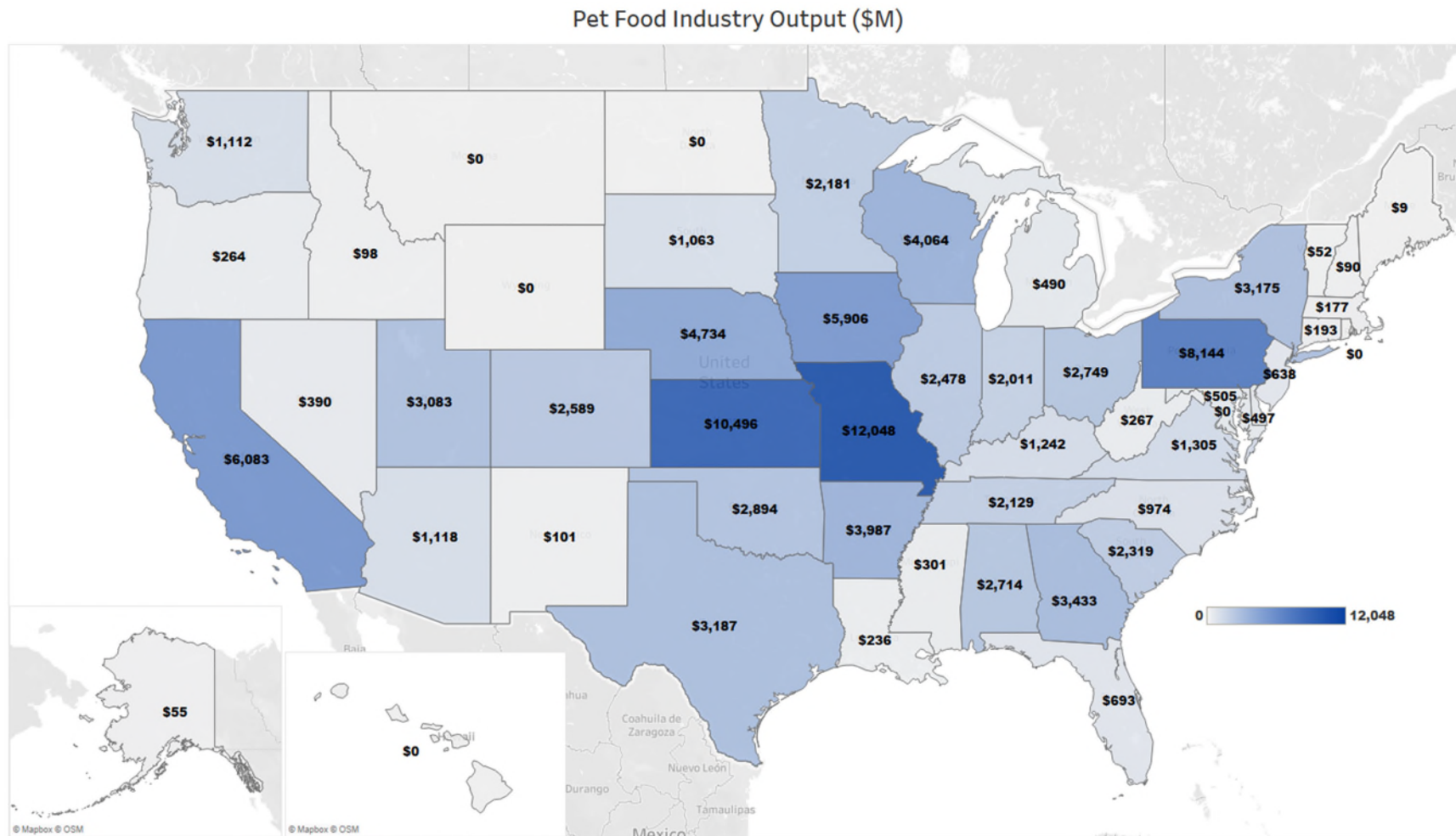


Figure 29. Pet Food Industry Output by State

4.6.5 Taxes

The economic activity associated with the pet food manufacturing industry is estimated to generate a net total of \$7.4 billion in local, state, and federal taxes. The estimated tax contribution by state is shown in Figure 30.

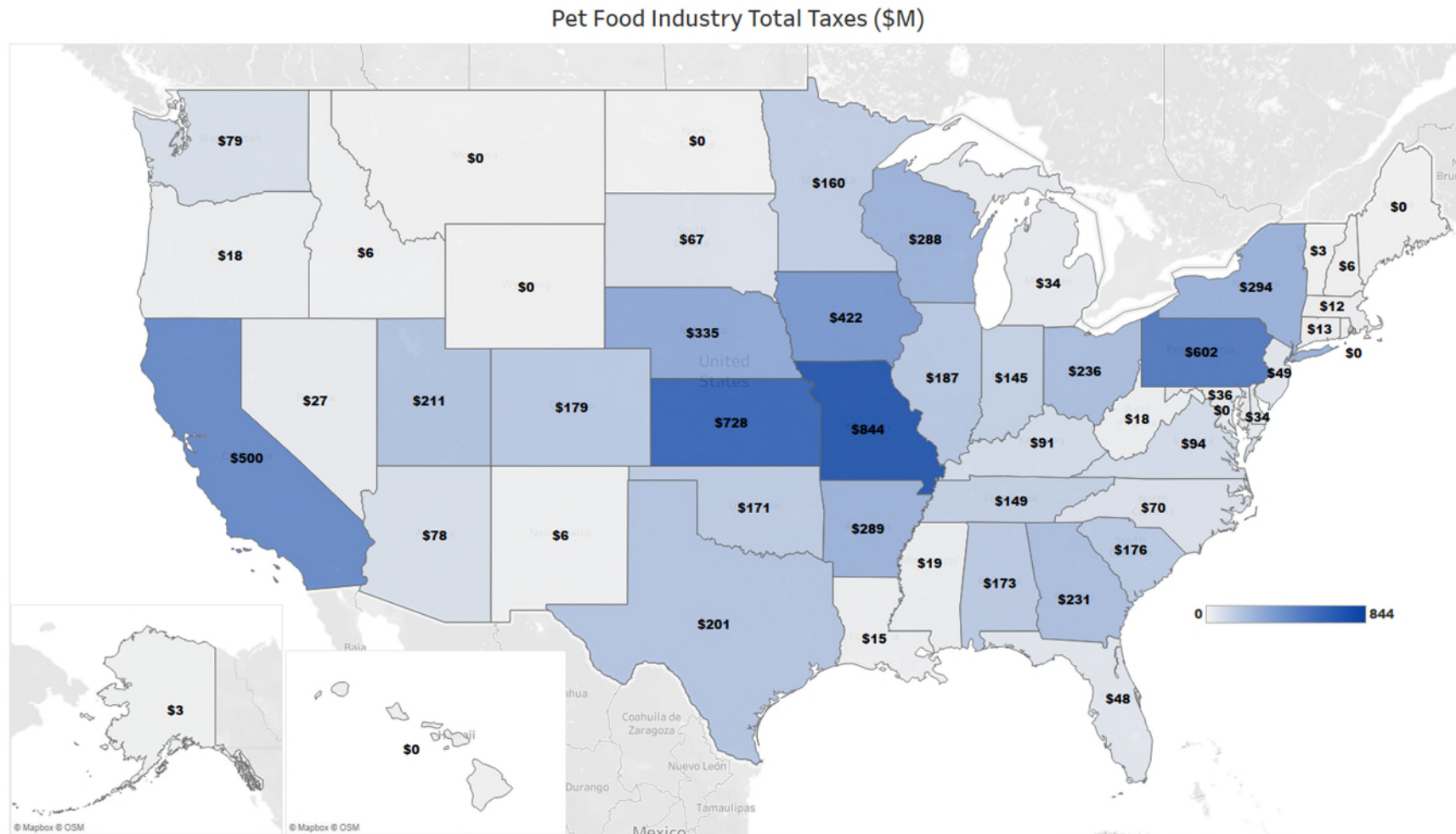


Figure 30. Pet Food Industry Total Taxes by State

4.7 Pet Food Congressional District Results

4.7.1 Jobs

Figure 31 shows the 2023 U.S. federal congressional districts in terms of the total jobs contributed by that district's pet food manufacturing industry. The districts with the most jobs contributed include Kansas-2 (19,267), Missouri-7 (11,342), Missouri-1 (7,632), Pennsylvania-7 (7,492), and Nebraska-3 (7,083).

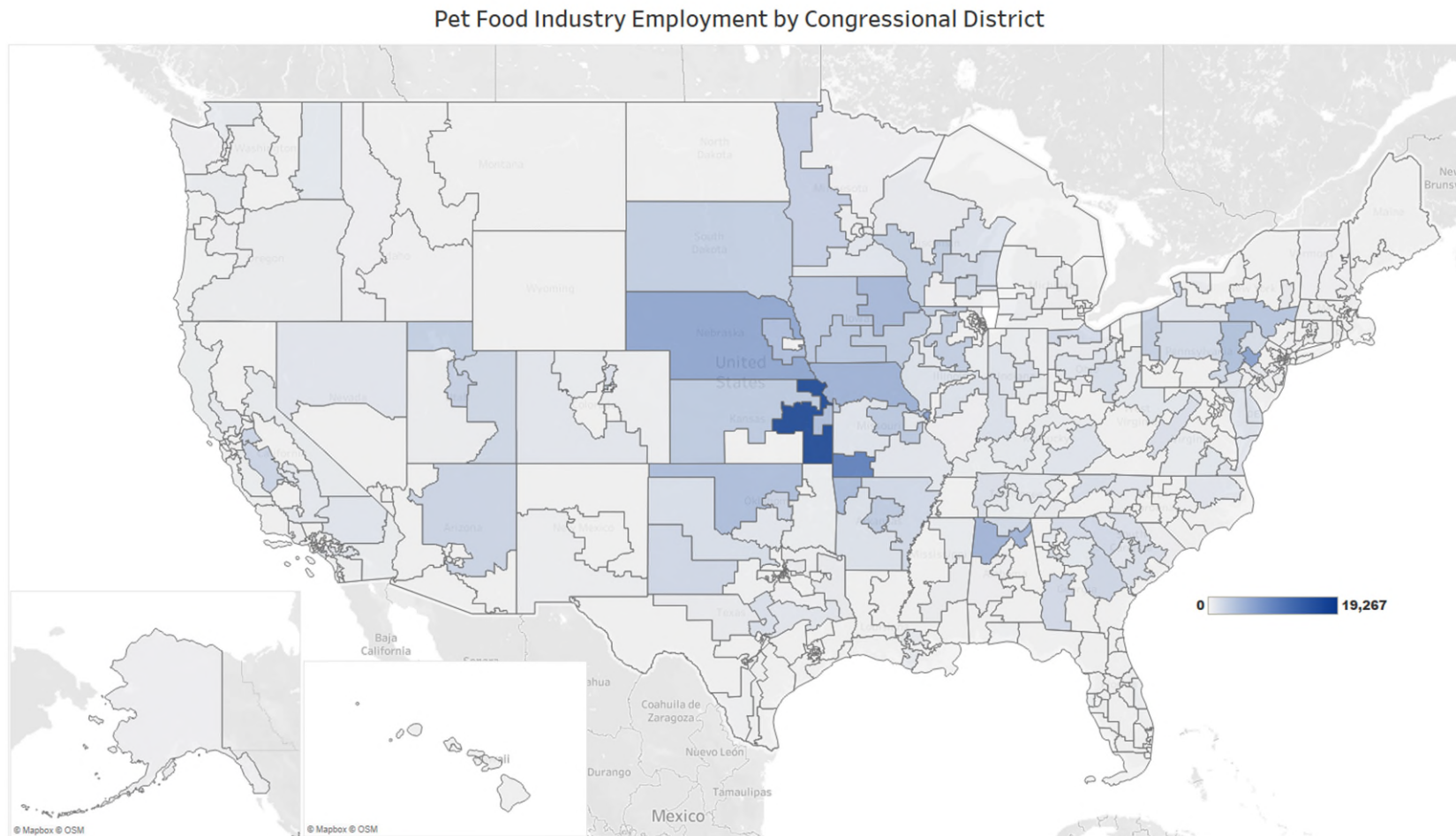


Figure 31. Pet Food Industry Employment by Congressional District

4.7.2 Value Added

Figure 32 shows the 2023 U.S. federal congressional districts in terms of the total value-added contribution of that district’s pet food manufacturing industry. Five districts have an estimated contribution in this category of more than \$1.0 billion: Kansas-2 (\$2.9 billion), Missouri-1 (\$1.8 billion), Missouri-7 (\$1.3 billion), Nebraska-3 (\$1.2 billion), and Pennsylvania-7 (\$1.1 billion).

Pet Food Industry Value Added by Congressional District

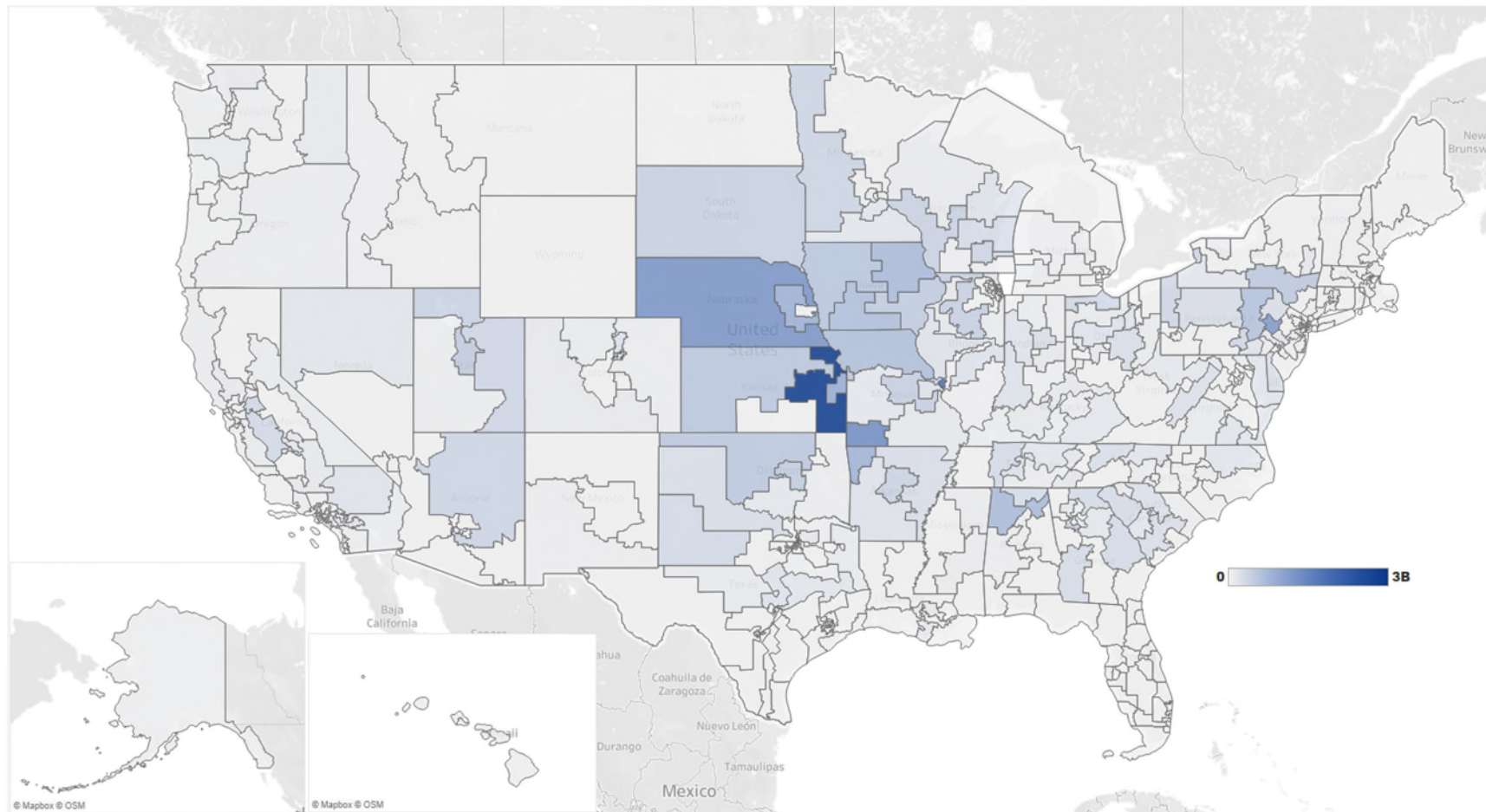


Figure 32. Pet Food Industry Value Added by Congressional District

4.7.3 Labor Income

The leading congressional districts in terms of their estimated labor income contribution are Kansas-2 (\$1.3 billion), Missouri-1 (\$0.8 billion), Missouri-7 (\$0.7 billion), Pennsylvania-7 (\$0.6 billion), and Nebraska-3 (\$0.5 billion) (Figure 33).

Pet Food Industry Labor Income by Congressional District

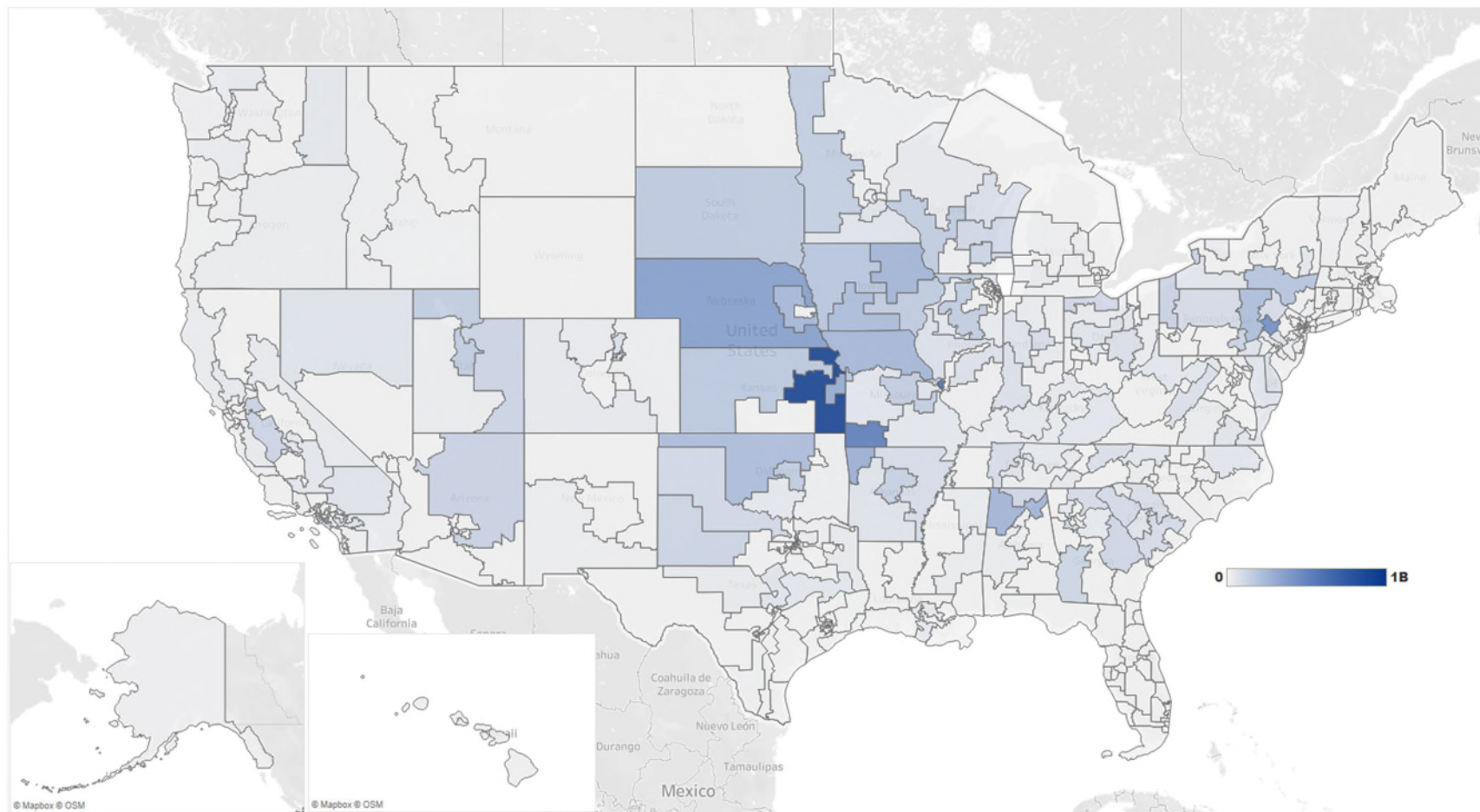


Figure 33. Pet Food Industry Labor Income by Congressional District

4.7.4 Output

Figure 34 shows the estimated output (sales) contribution of the pet food manufacturing industry in each U.S. congressional district. As with other indicators in this section, the leading congressional districts in this category are Kansas-2 (\$7.4 billion), Missouri-1 (\$3.6 billion), Missouri-7 (\$3.3 billion), Nebraska-3 (\$2.9 billion), and Pennsylvania-7 (\$2.5 billion).

Pet Food Industry Output by Congressional District

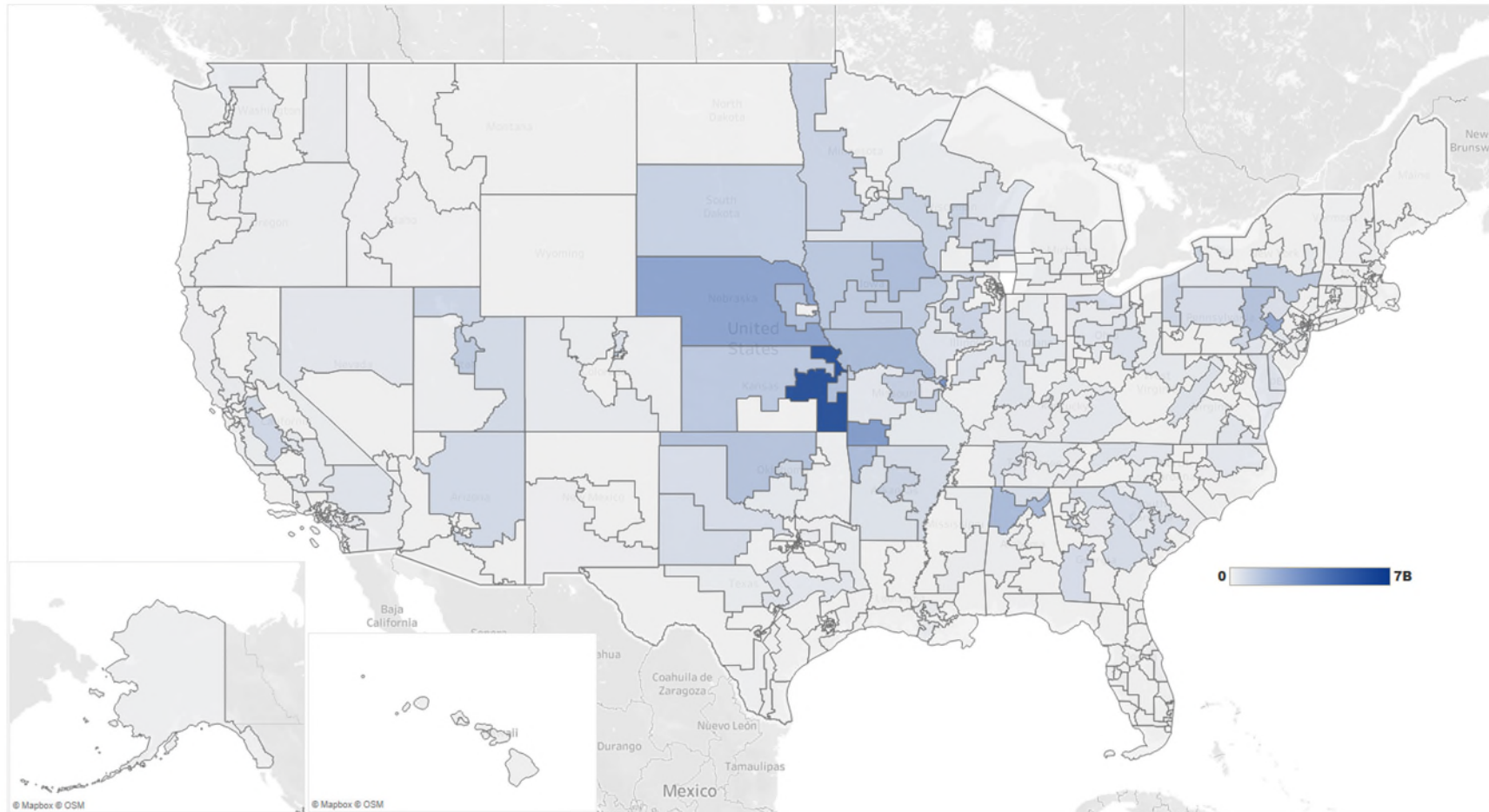


Figure 34. Pet Food Industry Output by Congressional District

4.7.5 Taxes

The leading U.S. congressional districts for estimated taxes paid by the animal feed manufacturing industry include Kansas-2 (\$534.4 million), Missouri-6 (\$360.7 million), Iowa-3 (\$247.9 million), Pennsylvania-7 (\$221.3 million), and Nebraska-3 (\$205.1 million) (Figure 35).

Pet Food Industry Total Taxes by Congressional District

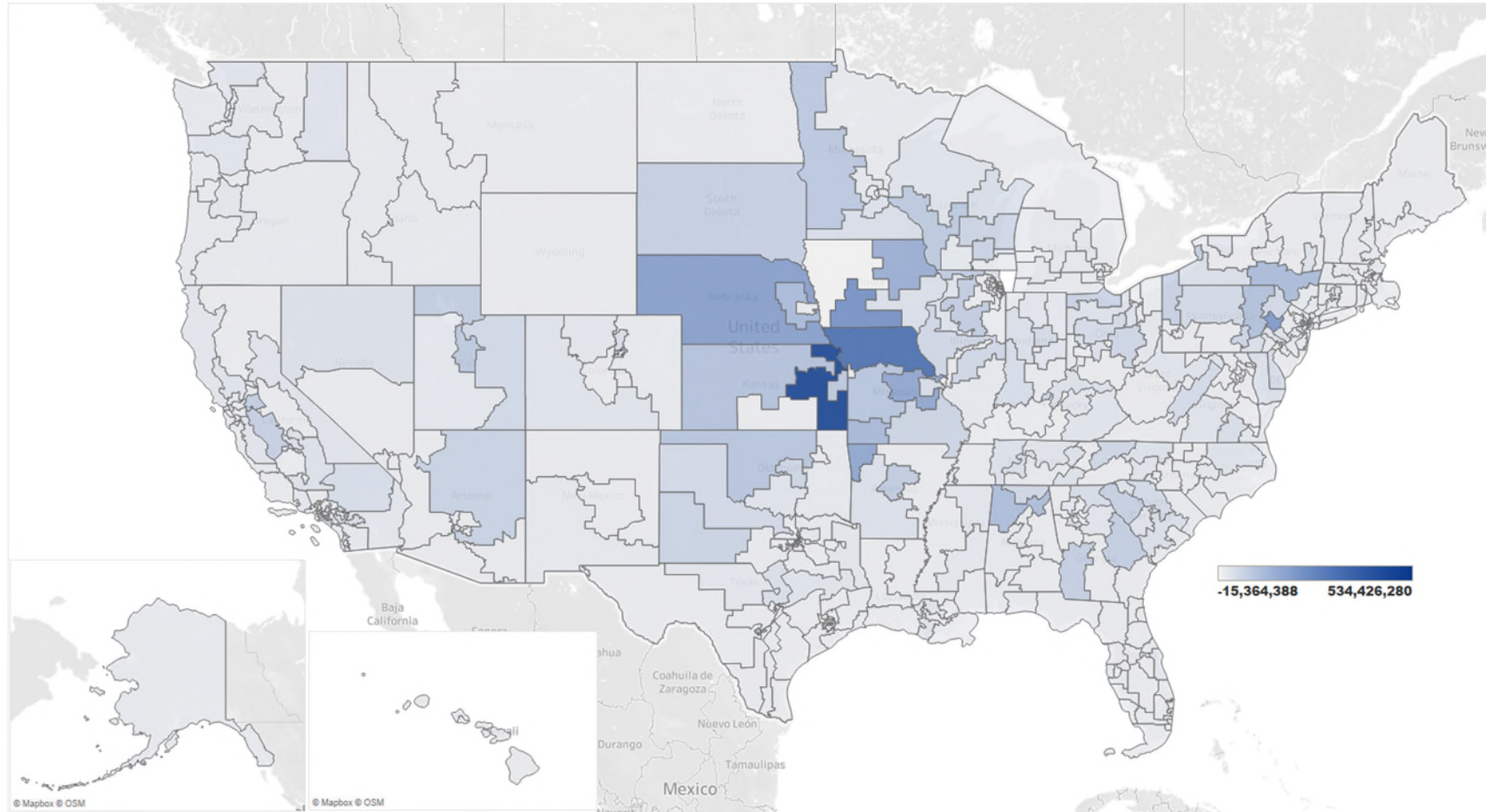


Figure 35. Pet Food Industry Total Taxes by Congressional District

5 Research Implications/Suggestions for Further Research

5.1 Challenges and Opportunities

The animal food industry continues to evolve and adapt to meet challenges such as changing market conditions, supply chain disruptions, consumer preferences, regulatory hurdles, and environmental concerns.

The COVID-19 pandemic impacted the whole economy, including the animal agriculture and animal food industries. In some cases, the closing of slaughter facilities in March 2020 in the United States increased feed use, as animals could not go to slaughter and thus remained on feed longer. In other cases, such as the hog industry, reduced farrowing due to pandemic concerns reduced future feed use. In a previous DIS study,⁵ it was concluded that the pandemic had an overall negative effect on feed consumption and the total value of feed consumed.

The poultry industry experienced the worst outbreak in U.S. history of highly pathogenic avian influenza (HPAI) in 2022. As of April 2023, 58.8 million birds in 47 states had been affected by the outbreak which has continued into 2023. The only states yet to report cases are Hawaii, Louisiana, and West Virginia. This HPAI outbreak has lasted much longer than the 2015 HPAI outbreak which lasted less than a year, stretching from December 2014 to June 2015. A total of 50.4 million birds were affected in 15 different states, primarily in the Midwest and west. After the outbreak concluded, the flock rebuilt itself to previous levels in about nine months. The first case of the 2022-23 outbreak was reported in February 2022 and cases are still being identified as of April 2023. It is not yet clear if this outbreak of HPAI will end, or if HPAI is a disease that the industry will have to continuously combat.

The U.S. beef herd has been shrinking since 2019 and drought conditions across the country, especially across the Great Plains, have worked to continue this trend. On Jan. 1, 2019, the U.S. had 31.7 million beef cows, but on Jan. 1, 2023, this number had decreased to 28.9 million head, although 2023 could be a turning point for U.S. cattle inventory as strong fed cattle and feeder cattle prices could stimulate heifer retention and rebuilding of the breeding herd.

African swine fever (ASF) has impacted many hogs across the world. China was severely impacted by the disease and battled ASF from 2019-21. Though the deadly swine disease was confirmed in the Dominican Republic and Haiti, the disease has not made it to the U.S.

While challenges continue to face animal agriculture, the industry has continued to adapt to overcome all challenges and remain economically sustainable. Opportunities continue to exist for industry growth. Per capita chicken consumption continues to grow, per capita beef consumption has leveled out, per capita pork consumption is at the upper end of historical levels, and per capita turkey consumption is relatively consistent with historical norms (Figure 36).

⁵ <http://www.decision-innovation.com/webres/File/docs/210525%20IFEEDER%20Animal%20Feed-Food%20Consumption%20COVID-19.pdf>

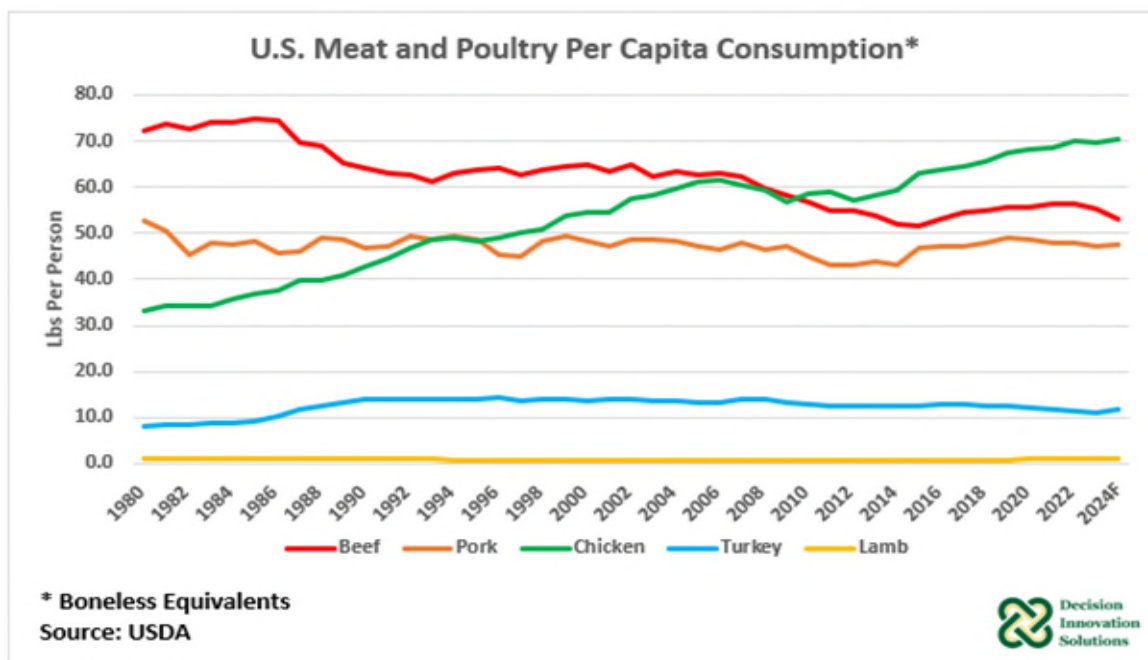


Figure 36. U.S. Meat and Poultry Per Capita Consumption

In addition to the demand that comes from these food markets, consumer demand for organic food production will likely continue to increase. Additional organic feeds to support organic animal product production would be needed to meet this demand. Following this trend, the organic pet food market is likely to grow as well, providing more incentive for identity preservation along the supply chain.

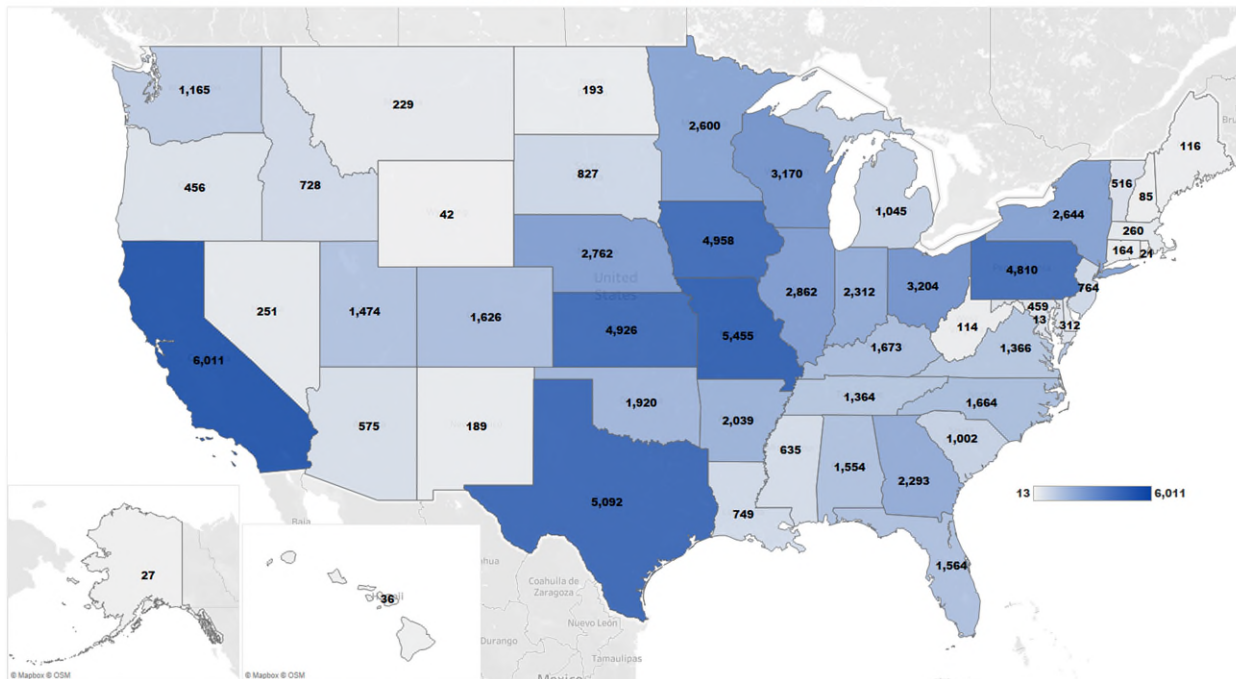
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4. Total Chicken Supply and Utilization Table, LMIC, USDA-ERS
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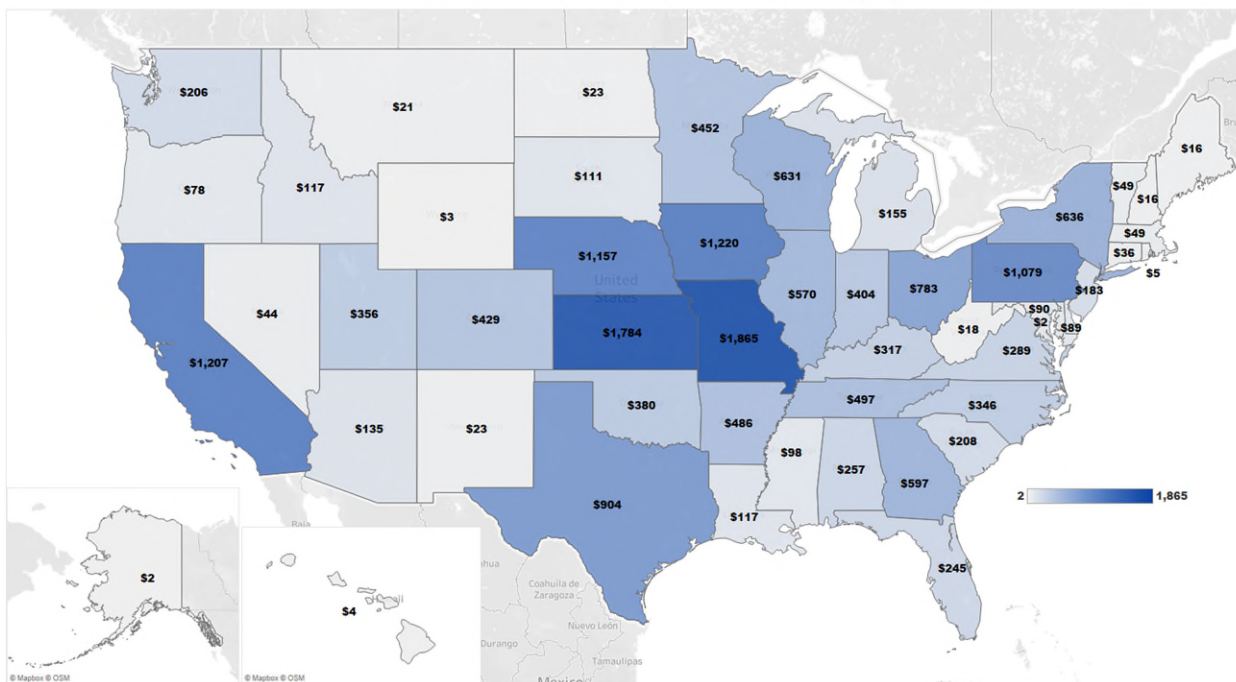
7 Appendix A, Direct Contribution Value Maps

7.1 Combined Direct Results

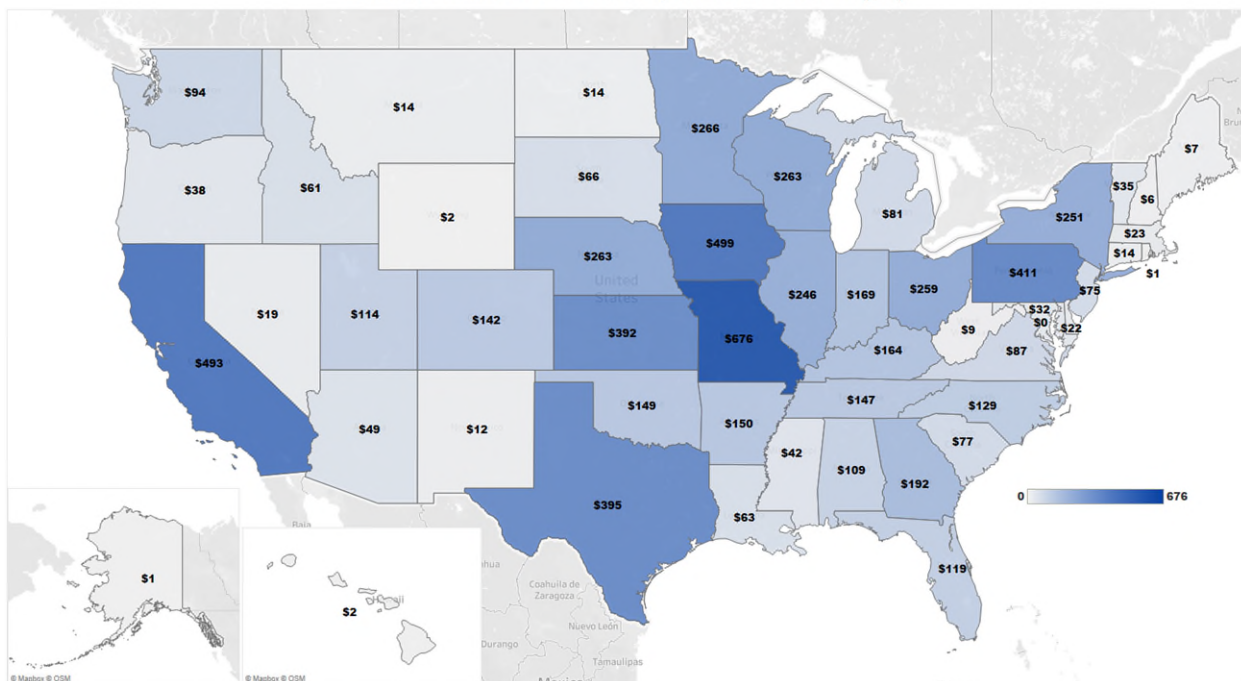
Animal Feed and Pet Food Industry Direct Employment



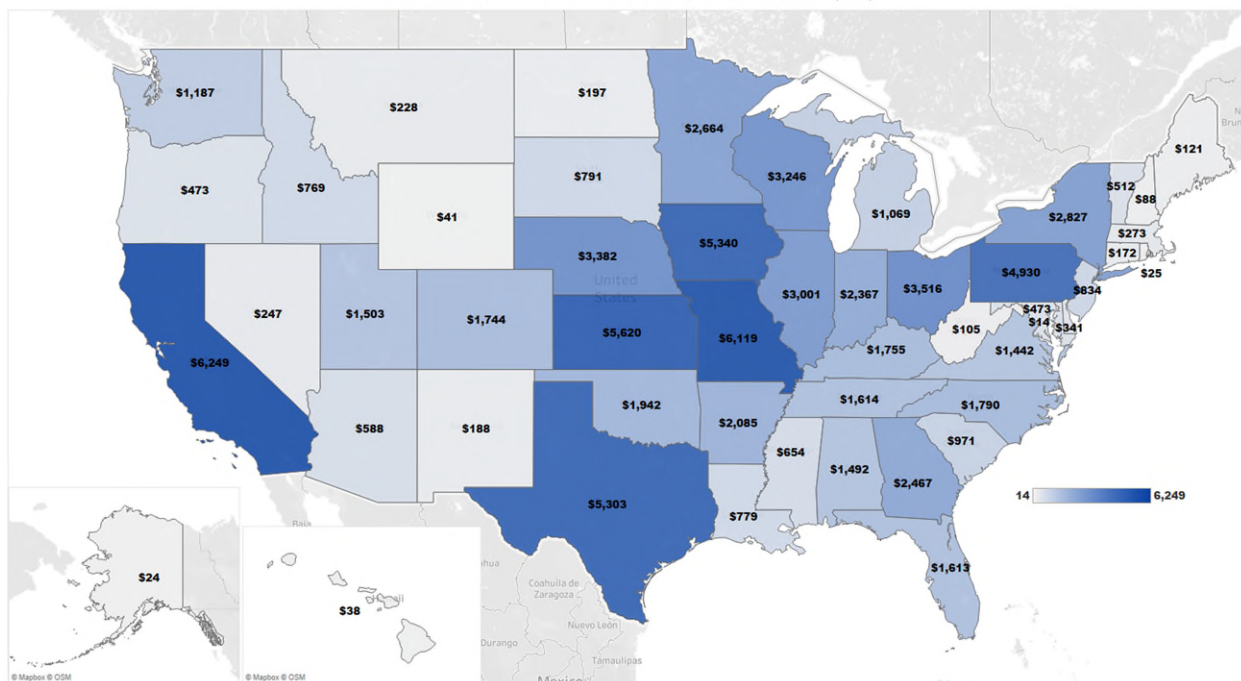
Animal Feed and Pet Food Industry Direct Value Added (\$M)



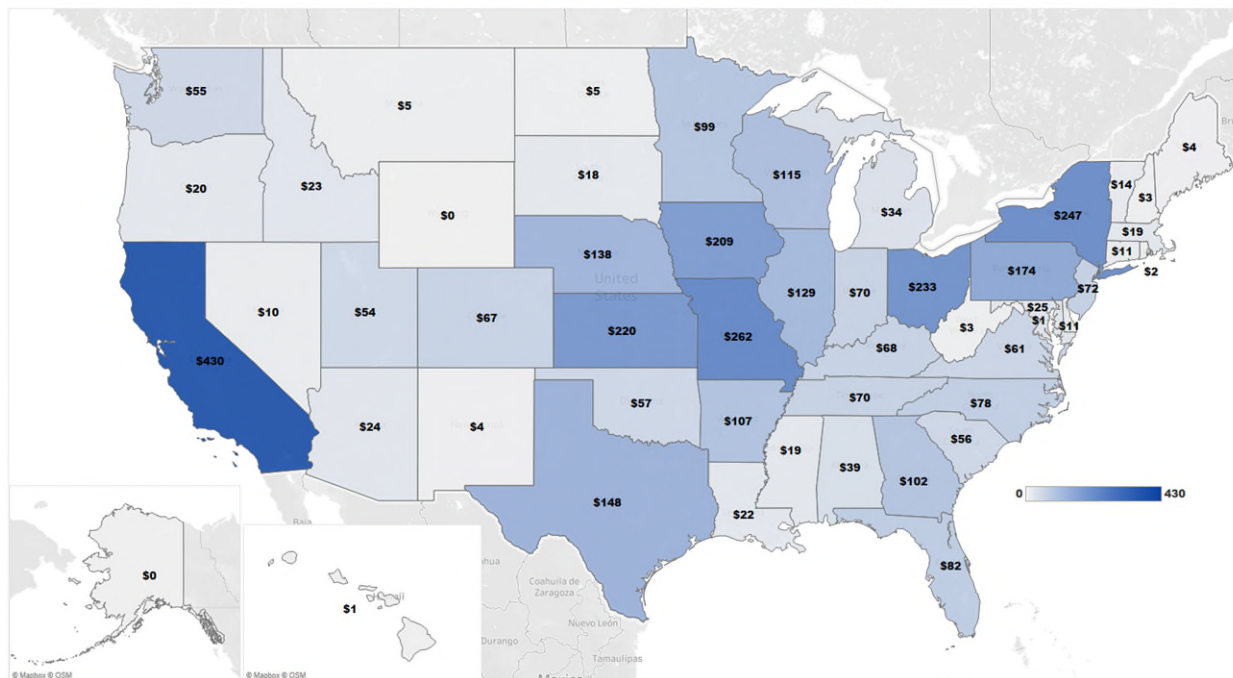
Animal Feed and Pet Food Industry Direct Labor Income (\$M)



Animal Feed and Pet Food Industry Direct Output (\$M)

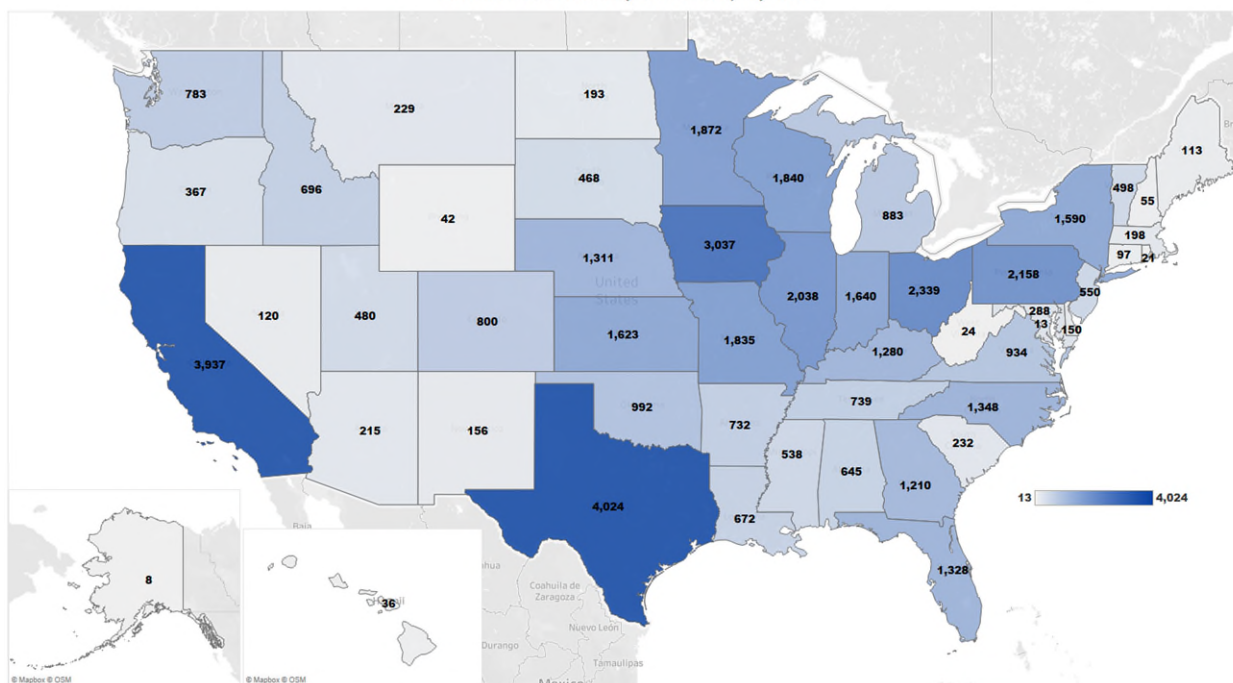


Animal Feed and Pet Food Industry Direct Total Taxes (\$M)

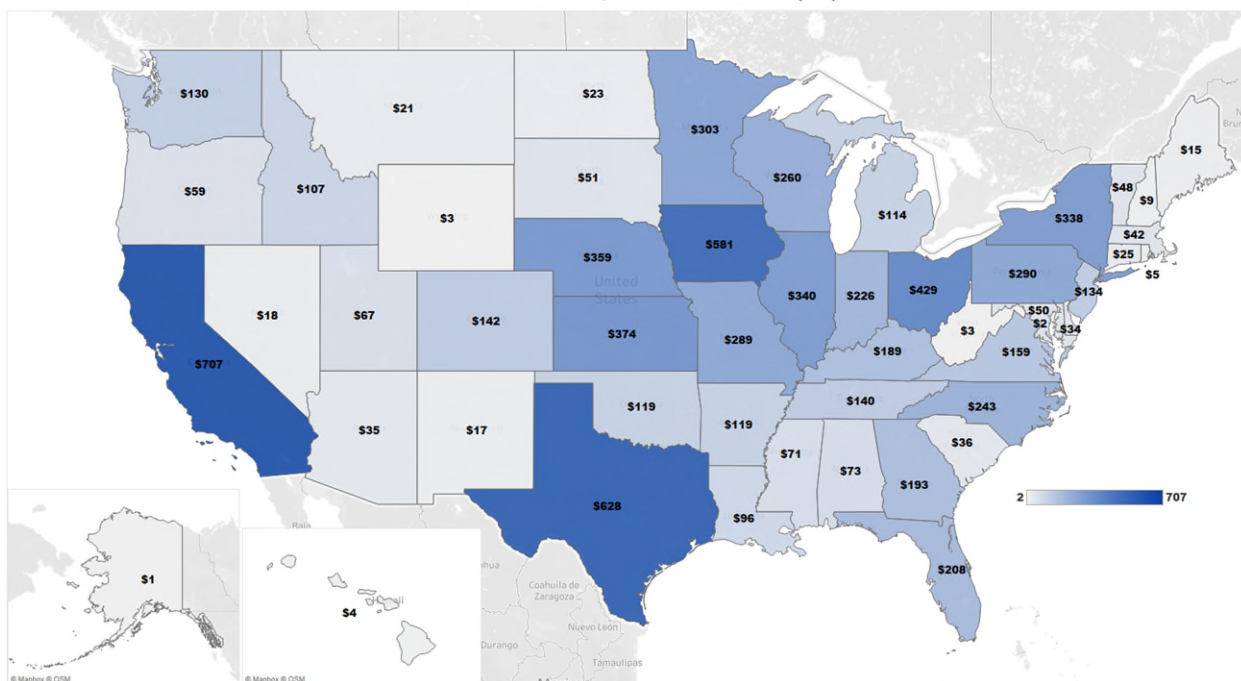


7.2 Animal Feed Direct Results

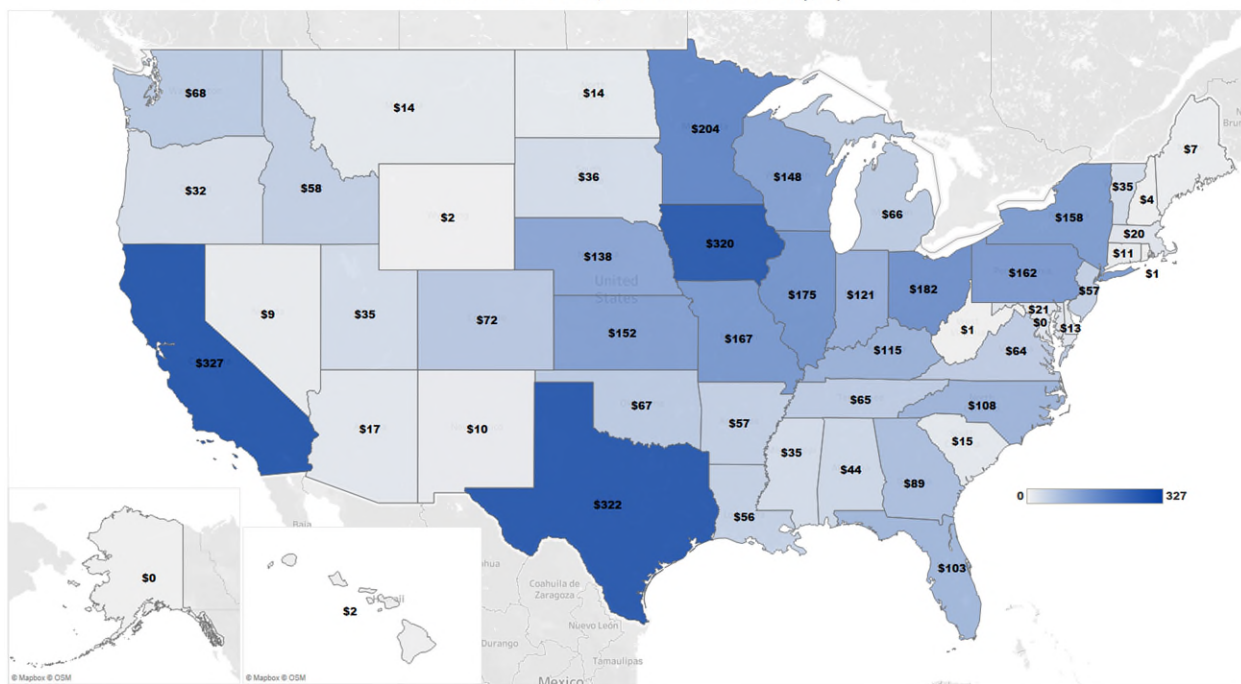
Animal Feed Industry Direct Employment



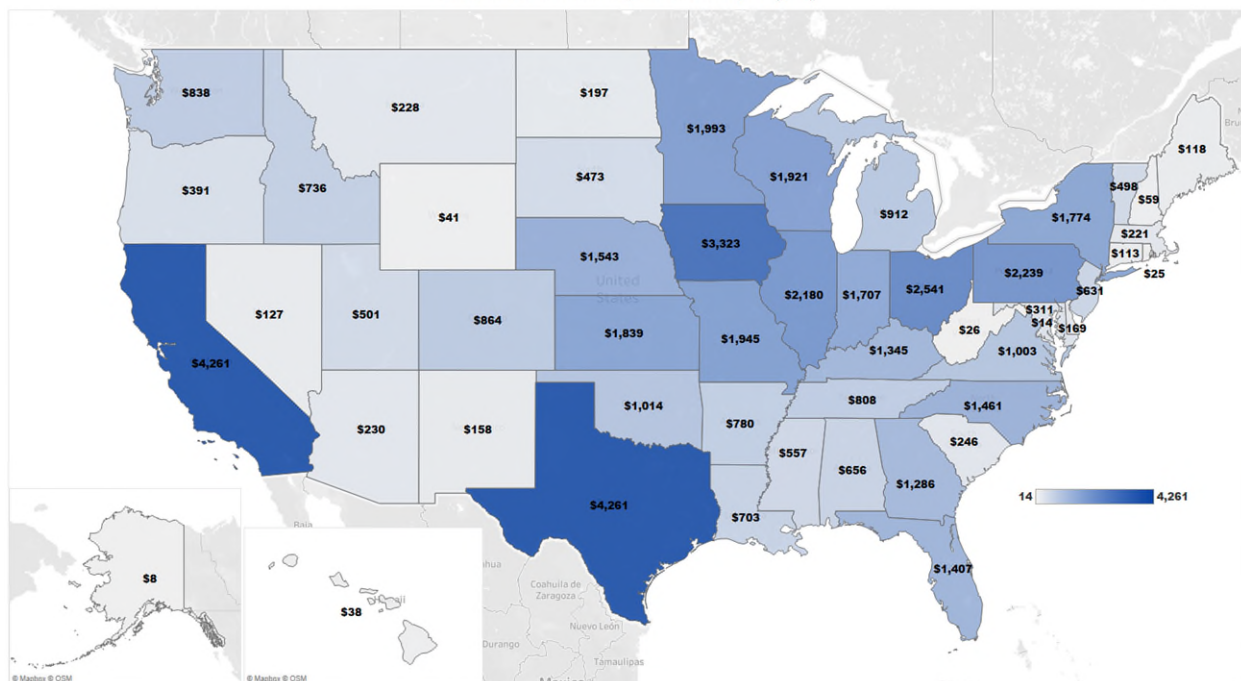
Animal Feed Industry Direct Value Added (\$M)



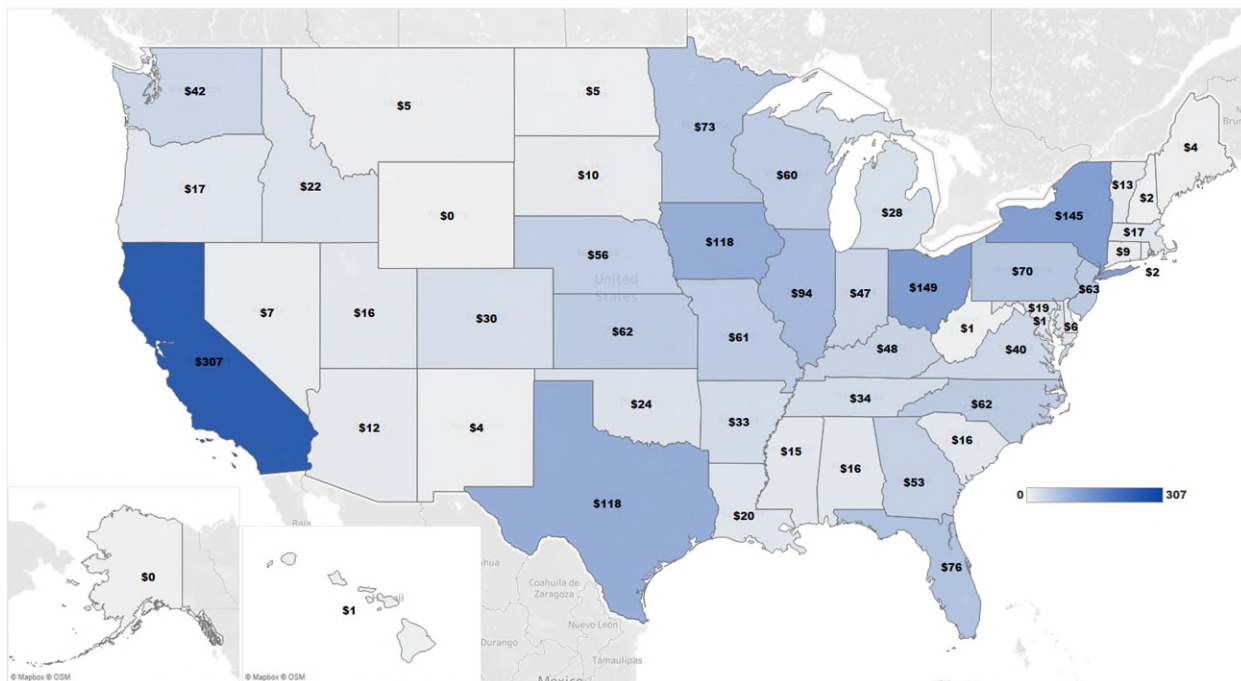
Animal Feed Industry Direct Labor Income (\$M)



Animal Feed Industry Direct Output (\$M)

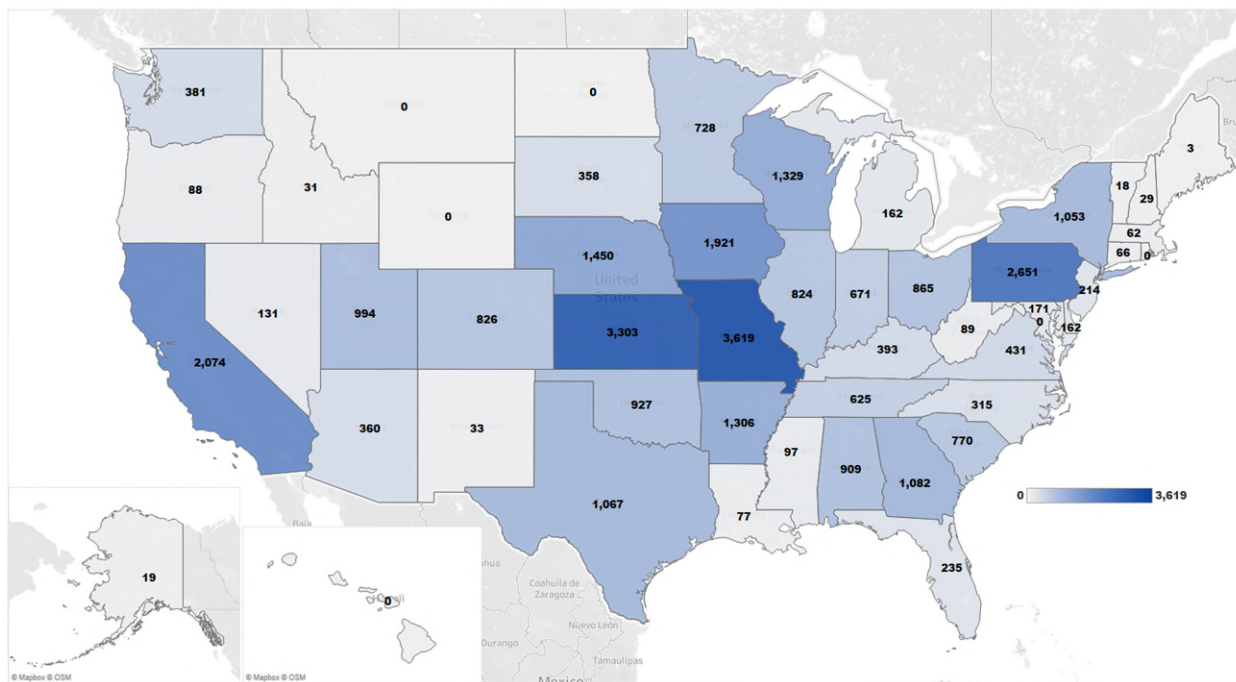


Animal Feed Industry Direct Total Taxes (\$M)

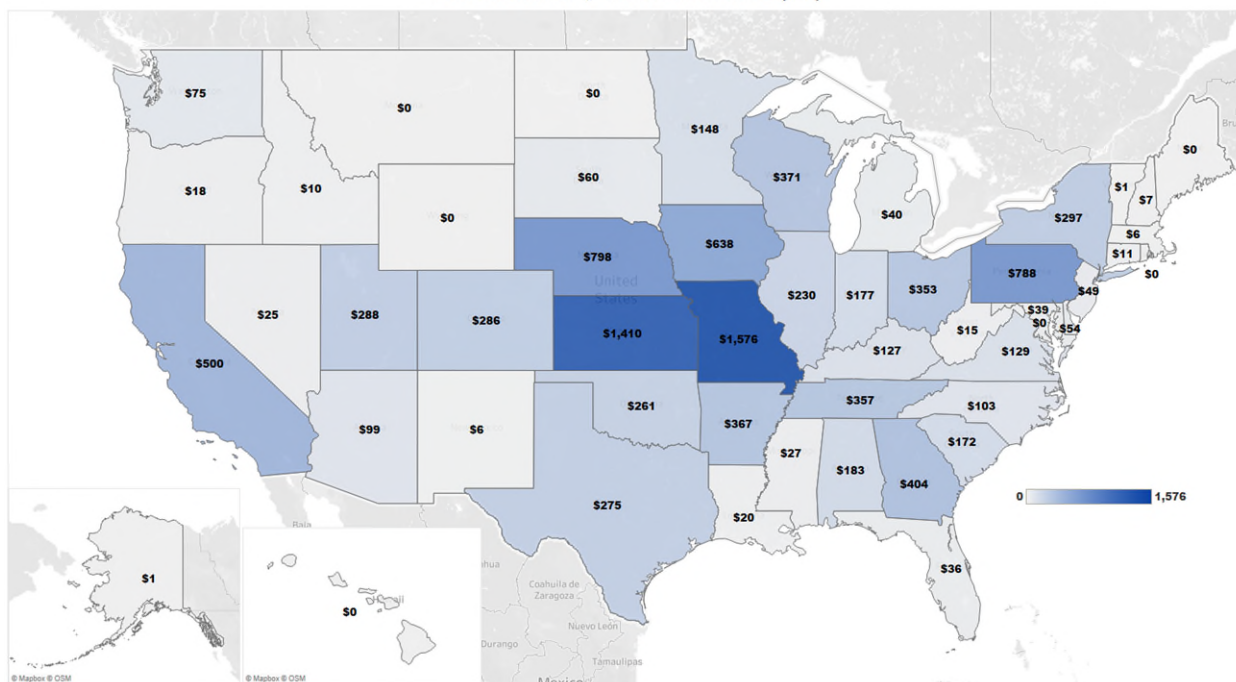


7.3 Pet Food Direct Results

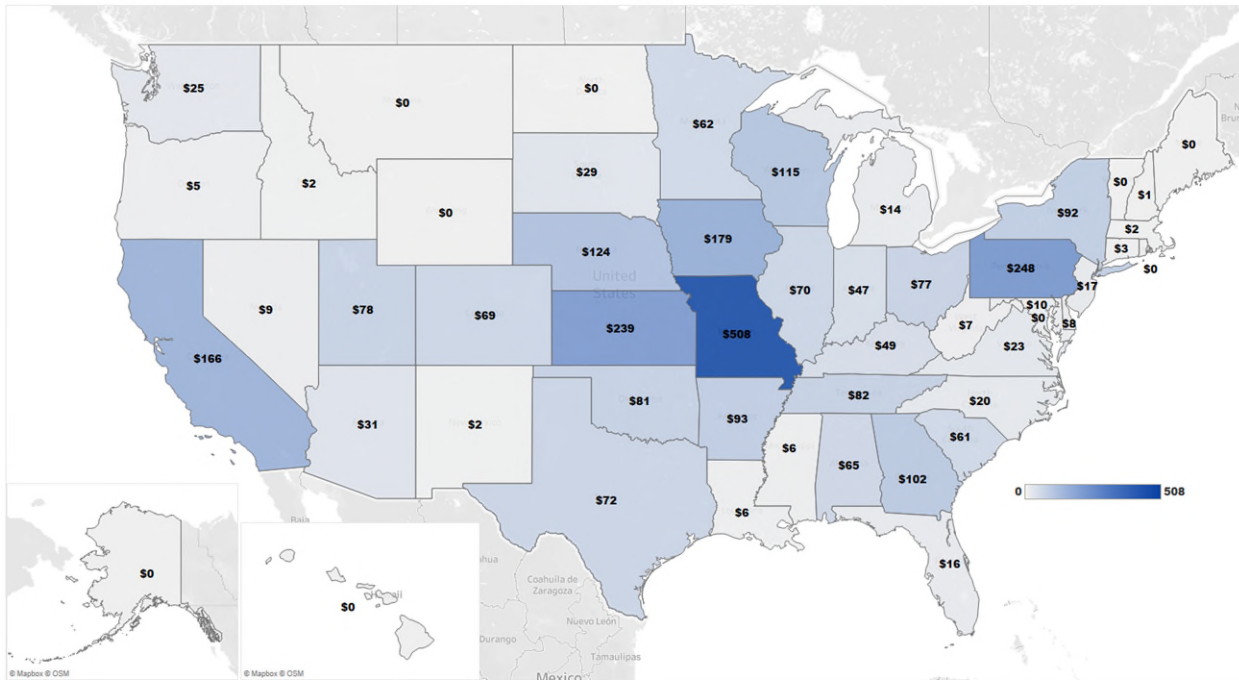
Pet Food Industry Direct Employment



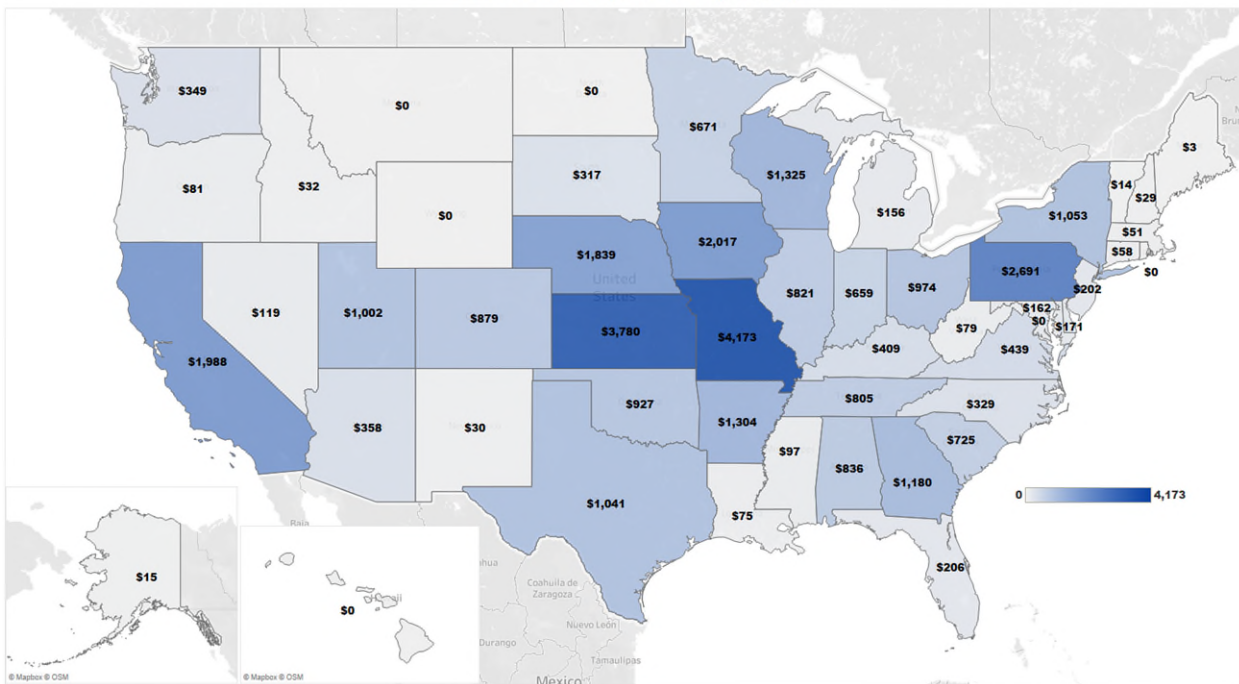
Pet Food Industry Direct Value Added (\$M)



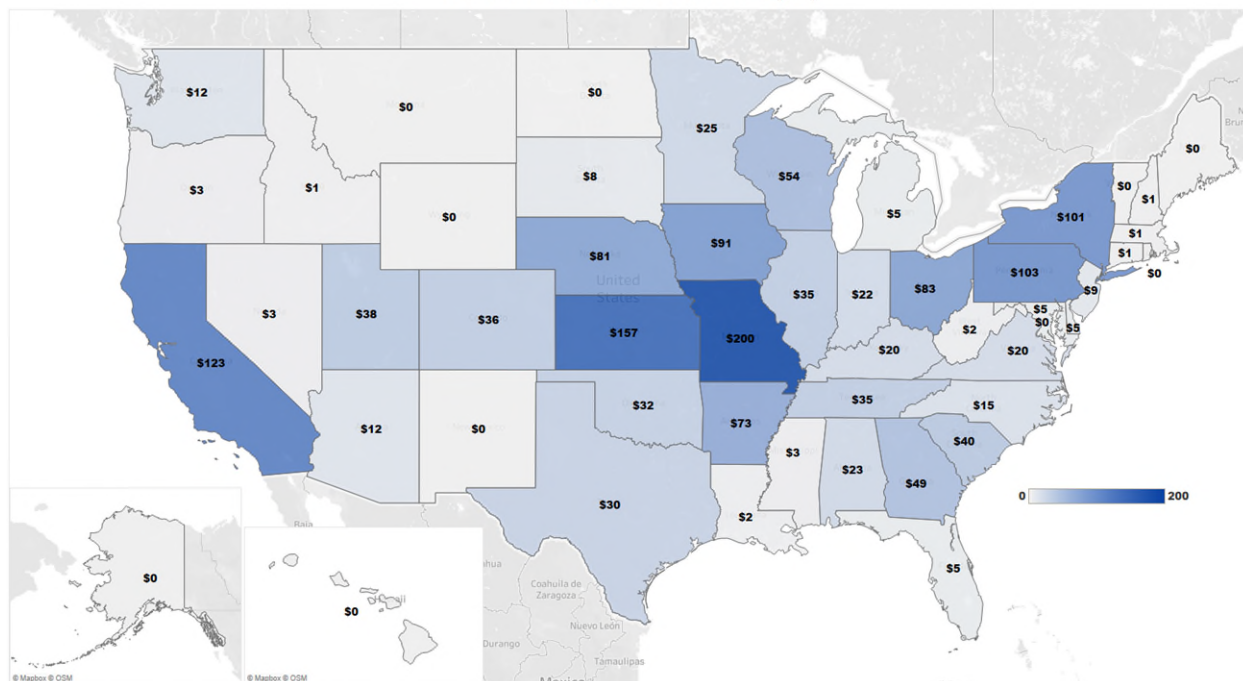
Pet Food Industry Direct Labor Income (\$M)



Pet Food Industry Direct Output (\$M)



Pet Food Industry Direct Total Taxes (\$M)



8 Appendix B: Detailed State Level Results

State Level Total Results															
State	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Alabama	14,495	6,592	7,903	\$ 1,736.3	\$ 757.2	\$ 979.2	\$ 1,000.4	\$ 456.4	\$ 544.0	\$ 4,942.2	\$ 2,228.1	\$ 2,714.1	\$ 287.0	\$ 113.4	\$ 173.5
Alaska	249	84	165	\$ 28.2	\$ 9.9	\$ 18.3	\$ 17.1	\$ 6.1	\$ 11.0	\$ 84.5	\$ 29.1	\$ 55.4	\$ 4.9	\$ 1.5	\$ 3.4
Arizona	5,385	2,207	3,178	\$ 702.7	\$ 274.1	\$ 428.6	\$ 392.8	\$ 162.4	\$ 230.4	\$ 1,882.7	\$ 764.1	\$ 1,118.5	\$ 133.1	\$ 54.9	\$ 78.2
Arkansas	19,178	7,722	11,456	\$ 2,381.1	\$ 884.8	\$ 1,496.3	\$ 1,271.1	\$ 509.3	\$ 761.8	\$ 6,548.6	\$ 2,561.4	\$ 3,987.3	\$ 438.1	\$ 148.1	\$ 290.0
California	52,436	36,180	16,256	\$ 7,083.2	\$ 4,805.7	\$ 2,277.5	\$ 4,034.2	\$ 2,797.9	\$ 1,236.3	\$ 19,525.5	\$ 13,442.2	\$ 6,083.3	\$ 1,601.2	\$ 1,100.2	\$ 501.0
Colorado	15,228	8,132	7,096	\$ 2,036.3	\$ 1,013.5	\$ 1,022.9	\$ 1,129.8	\$ 610.9	\$ 518.9	\$ 5,415.7	\$ 2,825.7	\$ 2,589.9	\$ 355.7	\$ 175.8	\$ 179.9
Connecticut	1,528	981	547	\$ 203.6	\$ 133.9	\$ 69.7	\$ 115.9	\$ 77.0	\$ 38.9	\$ 547.9	\$ 354.4	\$ 193.5	\$ 44.0	\$ 30.0	\$ 14.0
D.C.	102	102	-	\$ 13.8	\$ 13.8	\$ -	\$ 7.8	\$ 7.8	\$ -	\$ 39.9	\$ 39.9	\$ -	\$ 3.4	\$ 3.4	\$ -
Delaware	2,757	1,429	1,328	\$ 398.8	\$ 200.3	\$ 198.5	\$ 204.4	\$ 111.4	\$ 93.0	\$ 1,021.8	\$ 524.3	\$ 497.5	\$ 70.6	\$ 36.3	\$ 34.3
Florida	15,447	13,416	2,031	\$ 1,890.3	\$ 1,644.3	\$ 245.9	\$ 1,107.6	\$ 965.9	\$ 141.7	\$ 5,340.4	\$ 4,647.1	\$ 693.4	\$ 389.3	\$ 341.1	\$ 48.2
Georgia	21,719	12,304	9,415	\$ 2,868.0	\$ 1,495.6	\$ 1,372.3	\$ 1,564.9	\$ 881.9	\$ 683.0	\$ 7,692.8	\$ 4,259.2	\$ 3,433.5	\$ 475.4	\$ 244.0	\$ 231.4
Hawaii	421	421	-	\$ 43.4	\$ 43.4	\$ -	\$ 27.1	\$ 27.1	\$ -	\$ 128.9	\$ 128.9	\$ -	\$ 7.0	\$ 7.0	\$ -
Idaho	7,222	6,951	271	\$ 897.7	\$ 859.4	\$ 38.3	\$ 556.5	\$ 536.2	\$ 20.3	\$ 2,518.3	\$ 2,420.2	\$ 98.0	\$ 165.7	\$ 158.8	\$ 6.9
Illinois	25,732	18,981	6,751	\$ 3,455.2	\$ 2,498.1	\$ 957.1	\$ 1,975.5	\$ 1,467.5	\$ 508.0	\$ 9,402.3	\$ 6,923.6	\$ 2,478.7	\$ 736.0	\$ 548.0	\$ 188.0
Indiana	21,795	16,096	5,699	\$ 2,705.0	\$ 1,944.6	\$ 760.4	\$ 1,560.9	\$ 1,160.7	\$ 400.2	\$ 7,550.3	\$ 5,538.5	\$ 2,011.8	\$ 563.8	\$ 418.7	\$ 145.1
Iowa	45,462	29,375	16,088	\$ 6,007.4	\$ 3,724.0	\$ 2,283.4	\$ 3,279.5	\$ 2,135.0	\$ 1,144.6	\$ 16,480.2	\$ 10,573.7	\$ 5,906.5	\$ 1,154.4	\$ 731.5	\$ 422.9
Kansas	43,039	15,680	27,359	\$ 6,344.4	\$ 2,084.9	\$ 4,259.5	\$ 3,099.8	\$ 1,164.5	\$ 1,935.3	\$ 16,245.5	\$ 5,749.4	\$ 10,496.1	\$ 1,116.5	\$ 388.4	\$ 728.0
Kentucky	17,535	13,897	3,639	\$ 2,056.7	\$ 1,570.6	\$ 486.2	\$ 1,225.2	\$ 959.3	\$ 266.0	\$ 5,716.6	\$ 4,474.4	\$ 1,242.3	\$ 377.1	\$ 285.3	\$ 91.8
Louisiana	7,636	6,955	681	\$ 903.8	\$ 815.0	\$ 88.8	\$ 544.2	\$ 496.0	\$ 48.2	\$ 2,586.2	\$ 2,349.5	\$ 236.8	\$ 147.5	\$ 132.0	\$ 15.4
Maine	1,208	1,179	28	\$ 143.4	\$ 139.8	\$ 3.6	\$ 84.5	\$ 82.6	\$ 1.9	\$ 409.9	\$ 400.1	\$ 9.8	\$ 27.8	\$ 27.1	\$ 0.7
Maryland	4,226	2,803	1,423	\$ 540.6	\$ 352.7	\$ 187.9	\$ 299.1	\$ 200.4	\$ 98.7	\$ 1,489.4	\$ 983.8	\$ 505.6	\$ 116.6	\$ 80.3	\$ 36.3
Massachusetts	2,514	2,002	511	\$ 325.9	\$ 264.5	\$ 61.3	\$ 192.9	\$ 156.9	\$ 36.0	\$ 891.6	\$ 714.3	\$ 177.3	\$ 71.1	\$ 58.1	\$ 13.0
Michigan	10,412	8,990	1,422	\$ 1,229.3	\$ 1,045.0	\$ 184.3	\$ 728.7	\$ 627.2	\$ 101.5	\$ 3,497.0	\$ 3,006.2	\$ 490.8	\$ 243.1	\$ 208.2	\$ 34.8
Minnesota	24,999	18,778	6,221	\$ 3,146.4	\$ 2,347.2	\$ 799.2	\$ 1,917.9	\$ 1,456.8	\$ 461.0	\$ 8,782.4	\$ 6,600.7	\$ 2,181.7	\$ 629.3	\$ 468.7	\$ 160.6
Mississippi	6,867	5,983	883	\$ 745.8	\$ 633.5	\$ 112.3	\$ 444.3	\$ 386.0	\$ 58.4	\$ 2,206.8	\$ 1,905.7	\$ 301.1	\$ 93.9	\$ 74.8	\$ 19.0
Missouri	54,352	20,133	34,220	\$ 7,232.8	\$ 2,280.1	\$ 4,952.7	\$ 3,942.3	\$ 1,388.9	\$ 2,553.4	\$ 18,594.7	\$ 6,546.2	\$ 12,048.5	\$ 1,212.5	\$ 367.9	\$ 844.6

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

State Level Total Results

State	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Montana	2,565	2,565	-	\$ 270.0	\$ 270.0	\$ -	\$ 180.5	\$ 180.5	\$ -	\$ 807.7	\$ 807.7	\$ -	\$ 32.5	\$ 32.5	\$ -
Nebraska	24,024	12,234	11,790	\$ 3,794.8	\$ 1,741.0	\$ 2,053.8	\$ 1,793.4	\$ 934.1	\$ 859.3	\$ 9,336.2	\$ 4,601.8	\$ 4,734.4	\$ 677.1	\$ 342.0	\$ 335.1
Nevada	2,313	1,199	1,114	\$ 290.7	\$ 148.8	\$ 141.9	\$ 167.3	\$ 87.9	\$ 79.4	\$ 811.7	\$ 421.0	\$ 390.7	\$ 57.4	\$ 30.1	\$ 27.3
New Hampshire	819	566	252	\$ 105.0	\$ 70.7	\$ 34.3	\$ 60.1	\$ 42.2	\$ 17.9	\$ 287.1	\$ 196.7	\$ 90.4	\$ 20.2	\$ 13.7	\$ 6.5
New Jersey	7,171	5,401	1,769	\$ 977.5	\$ 738.0	\$ 239.5	\$ 558.8	\$ 425.1	\$ 133.7	\$ 2,605.7	\$ 1,967.0	\$ 638.7	\$ 231.7	\$ 182.3	\$ 49.4
New Mexico	1,985	1,687	298	\$ 223.1	\$ 186.8	\$ 36.3	\$ 138.7	\$ 118.1	\$ 20.7	\$ 659.3	\$ 557.9	\$ 101.4	\$ 28.1	\$ 21.9	\$ 6.2
New York	23,918	15,297	8,621	\$ 3,298.4	\$ 2,065.7	\$ 1,232.7	\$ 1,861.0	\$ 1,204.0	\$ 657.1	\$ 8,723.6	\$ 5,548.4	\$ 3,175.1	\$ 763.6	\$ 469.2	\$ 294.4
North Carolina	16,253	13,573	2,681	\$ 2,065.9	\$ 1,687.7	\$ 378.2	\$ 1,160.4	\$ 975.2	\$ 185.2	\$ 5,723.4	\$ 4,749.3	\$ 974.1	\$ 392.7	\$ 322.0	\$ 70.8
North Dakota	1,972	1,972	-	\$ 228.5	\$ 228.5	\$ -	\$ 145.6	\$ 145.6	\$ -	\$ 672.5	\$ 672.5	\$ -	\$ 28.1	\$ 28.1	\$ -
Ohio	32,250	24,576	7,674	\$ 4,015.4	\$ 2,897.4	\$ 1,118.0	\$ 2,178.8	\$ 1,647.5	\$ 531.3	\$ 10,872.1	\$ 8,122.2	\$ 2,749.9	\$ 841.8	\$ 604.9	\$ 236.9
Oklahoma	19,596	11,077	8,519	\$ 2,237.1	\$ 1,162.9	\$ 1,074.2	\$ 1,311.6	\$ 730.3	\$ 581.3	\$ 6,434.8	\$ 3,540.7	\$ 2,894.1	\$ 283.4	\$ 111.7	\$ 171.8
Oregon	4,517	3,763	754	\$ 562.6	\$ 465.6	\$ 97.1	\$ 337.9	\$ 284.0	\$ 53.9	\$ 1,568.6	\$ 1,304.2	\$ 264.4	\$ 108.1	\$ 89.3	\$ 18.8
Pennsylvania	44,273	21,388	22,885	\$ 5,787.7	\$ 2,615.3	\$ 3,172.3	\$ 3,269.3	\$ 1,571.0	\$ 1,698.3	\$ 15,506.9	\$ 7,362.7	\$ 8,144.2	\$ 1,151.0	\$ 548.5	\$ 602.5
Rhode Island	222	222	-	\$ 29.4	\$ 29.4	\$ -	\$ 16.5	\$ 16.5	\$ -	\$ 79.2	\$ 79.2	\$ -	\$ 7.3	\$ 7.3	\$ -
South Carolina	9,088	2,368	6,720	\$ 1,133.9	\$ 282.9	\$ 851.0	\$ 629.0	\$ 162.3	\$ 466.7	\$ 3,131.7	\$ 812.1	\$ 2,319.6	\$ 236.7	\$ 59.8	\$ 177.0
South Dakota	7,729	4,645	3,084	\$ 925.7	\$ 548.4	\$ 377.3	\$ 570.1	\$ 345.9	\$ 224.2	\$ 2,681.7	\$ 1,617.7	\$ 1,064.0	\$ 153.5	\$ 85.5	\$ 68.0
Tennessee	13,780	8,008	5,772	\$ 1,867.8	\$ 936.3	\$ 931.5	\$ 968.7	\$ 541.7	\$ 426.9	\$ 4,740.1	\$ 2,611.0	\$ 2,129.2	\$ 320.5	\$ 171.2	\$ 149.3
Texas	50,523	41,327	9,196	\$ 6,087.5	\$ 4,893.5	\$ 1,194.1	\$ 3,526.3	\$ 2,901.9	\$ 624.3	\$ 17,129.9	\$ 13,942.9	\$ 3,187.0	\$ 962.2	\$ 761.2	\$ 201.0
Utah	13,639	4,932	8,707	\$ 1,761.8	\$ 588.7	\$ 1,173.2	\$ 961.9	\$ 351.2	\$ 610.7	\$ 4,773.5	\$ 1,690.1	\$ 3,083.4	\$ 315.1	\$ 103.7	\$ 211.4
Vermont	5,279	5,120	159	\$ 610.9	\$ 593.4	\$ 17.5	\$ 377.5	\$ 367.1	\$ 10.5	\$ 1,777.3	\$ 1,724.4	\$ 52.9	\$ 115.5	\$ 111.8	\$ 3.7
Virginia	12,929	9,325	3,604	\$ 1,643.2	\$ 1,142.5	\$ 500.7	\$ 891.4	\$ 648.3	\$ 243.0	\$ 4,531.7	\$ 3,226.2	\$ 1,305.5	\$ 311.1	\$ 216.2	\$ 94.9
Washington	10,550	7,492	3,058	\$ 1,386.6	\$ 978.2	\$ 408.4	\$ 833.1	\$ 602.9	\$ 230.2	\$ 3,823.4	\$ 2,711.1	\$ 1,112.3	\$ 264.6	\$ 184.7	\$ 79.8
West Virginia	1,055	259	796	\$ 125.8	\$ 30.6	\$ 95.2	\$ 73.5	\$ 17.8	\$ 55.7	\$ 354.7	\$ 87.5	\$ 267.1	\$ 24.2	\$ 6.1	\$ 18.1
Wisconsin	30,741	19,029	11,712	\$ 3,792.6	\$ 2,240.6	\$ 1,552.1	\$ 2,202.7	\$ 1,367.4	\$ 835.2	\$ 10,414.0	\$ 6,349.6	\$ 4,064.3	\$ 683.4	\$ 395.0	\$ 288.4
Wyoming	463	463	-	\$ 48.0	\$ 48.0	\$ -	\$ 30.9	\$ 30.9	\$ -	\$ 148.2	\$ 148.2	\$ -	\$ 5.3	\$ 5.3	\$ -

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

State Level Direct Results

State	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Alabama	1,555	645	910	\$ 257.3	\$ 73.9	\$ 183.4	\$ 109.9	\$ 44.0	\$ 65.9	\$ 1,492.3	\$ 656.1	\$ 836.2	\$ 39.6	\$ 16.6	\$ 23.0
Alaska	28	8	19	\$ 2.8	\$ 1.2	\$ 1.6	\$ 1.2	\$ 0.6	\$ 0.7	\$ 24.1	\$ 8.6	\$ 15.5	\$ 0.8	\$ 0.5	\$ 0.3
Arizona	576	216	360	\$ 135.5	\$ 35.7	\$ 99.8	\$ 49.1	\$ 17.8	\$ 31.4	\$ 588.6	\$ 230.5	\$ 358.1	\$ 24.3	\$ 12.0	\$ 12.2
Arkansas	2,039	733	1,307	\$ 486.5	\$ 119.4	\$ 367.2	\$ 150.9	\$ 57.1	\$ 93.8	\$ 2,085.3	\$ 780.7	\$ 1,304.6	\$ 107.4	\$ 33.9	\$ 73.4
California	6,012	3,938	2,074	\$ 1,207.5	\$ 707.3	\$ 500.2	\$ 493.7	\$ 327.4	\$ 166.3	\$ 6,249.9	\$ 4,261.7	\$ 1,988.3	\$ 430.1	\$ 307.1	\$ 123.0
Colorado	1,627	800	827	\$ 429.3	\$ 142.4	\$ 286.9	\$ 142.1	\$ 72.9	\$ 69.2	\$ 1,744.5	\$ 864.6	\$ 879.9	\$ 67.1	\$ 30.9	\$ 36.2
Connecticut	164	98	66	\$ 36.7	\$ 25.3	\$ 11.4	\$ 14.7	\$ 11.1	\$ 3.6	\$ 172.5	\$ 113.6	\$ 59.0	\$ 11.2	\$ 9.3	\$ 1.9
D.C.	13	13	-	\$ 2.1	\$ 2.1	\$ -	\$ 0.9	\$ 0.9	\$ -	\$ 14.2	\$ 14.2	\$ -	\$ 1.0	\$ 1.0	\$ -
Delaware	312	150	162	\$ 89.1	\$ 34.3	\$ 54.8	\$ 22.5	\$ 13.7	\$ 8.8	\$ 341.0	\$ 169.8	\$ 171.3	\$ 11.8	\$ 6.1	\$ 5.8
Florida	1,565	1,329	236	\$ 245.4	\$ 208.6	\$ 36.8	\$ 119.5	\$ 103.1	\$ 16.4	\$ 1,614.0	\$ 1,407.9	\$ 206.0	\$ 82.7	\$ 76.8	\$ 5.8
Georgia	2,293	1,211	1,082	\$ 597.9	\$ 193.8	\$ 404.1	\$ 192.6	\$ 89.7	\$ 102.9	\$ 2,467.3	\$ 1,286.8	\$ 1,180.5	\$ 102.9	\$ 53.7	\$ 49.2
Hawaii	37	37	-	\$ 4.9	\$ 4.9	\$ -	\$ 2.6	\$ 2.6	\$ -	\$ 38.1	\$ 38.1	\$ -	\$ 1.6	\$ 1.6	\$ -
Idaho	728	697	31	\$ 117.5	\$ 107.2	\$ 10.4	\$ 61.3	\$ 58.4	\$ 2.9	\$ 769.0	\$ 736.1	\$ 32.9	\$ 23.5	\$ 22.2	\$ 1.3
Illinois	2,863	2,038	824	\$ 570.5	\$ 340.2	\$ 230.3	\$ 246.2	\$ 175.6	\$ 70.5	\$ 3,001.8	\$ 2,180.1	\$ 821.7	\$ 129.6	\$ 94.2	\$ 35.4
Indiana	2,312	1,641	671	\$ 404.7	\$ 226.8	\$ 178.0	\$ 169.0	\$ 121.2	\$ 47.8	\$ 2,367.3	\$ 1,707.6	\$ 659.7	\$ 70.2	\$ 47.4	\$ 22.8
Iowa	4,959	3,038	1,921	\$ 1,220.2	\$ 581.3	\$ 638.9	\$ 499.7	\$ 320.4	\$ 179.2	\$ 5,340.3	\$ 3,323.0	\$ 2,017.2	\$ 209.9	\$ 118.7	\$ 91.2
Kansas	4,927	1,624	3,303	\$ 1,784.9	\$ 374.1	\$ 1,410.8	\$ 392.3	\$ 152.8	\$ 239.4	\$ 5,620.4	\$ 1,839.8	\$ 3,780.7	\$ 220.4	\$ 62.5	\$ 157.9
Kentucky	1,674	1,280	393	\$ 317.3	\$ 189.8	\$ 127.4	\$ 164.9	\$ 115.8	\$ 49.1	\$ 1,755.1	\$ 1,345.5	\$ 409.6	\$ 68.9	\$ 48.1	\$ 20.8
Louisiana	750	672	77	\$ 117.2	\$ 96.8	\$ 20.4	\$ 63.4	\$ 56.7	\$ 6.7	\$ 779.6	\$ 703.7	\$ 75.9	\$ 22.4	\$ 20.0	\$ 2.4
Maine	117	114	3	\$ 16.3	\$ 15.5	\$ 0.7	\$ 7.6	\$ 7.4	\$ 0.2	\$ 121.2	\$ 118.2	\$ 3.1	\$ 4.6	\$ 4.5	\$ 0.1
Maryland	460	289	171	\$ 90.1	\$ 50.6	\$ 39.5	\$ 32.3	\$ 21.9	\$ 10.4	\$ 473.5	\$ 311.2	\$ 162.3	\$ 25.1	\$ 19.7	\$ 5.5
Massachusetts	261	199	62	\$ 49.3	\$ 42.4	\$ 6.8	\$ 23.6	\$ 21.0	\$ 2.6	\$ 273.2	\$ 221.8	\$ 51.4	\$ 19.1	\$ 17.1	\$ 1.9
Michigan	1,046	884	162	\$ 155.6	\$ 115.0	\$ 40.6	\$ 81.3	\$ 66.6	\$ 14.8	\$ 1,069.7	\$ 912.7	\$ 156.9	\$ 34.2	\$ 28.7	\$ 5.5
Minnesota	2,601	1,872	729	\$ 452.2	\$ 303.8	\$ 148.4	\$ 266.7	\$ 204.3	\$ 62.3	\$ 2,664.8	\$ 1,993.5	\$ 671.3	\$ 99.8	\$ 73.9	\$ 25.8
Mississippi	635	538	97	\$ 98.9	\$ 71.0	\$ 27.9	\$ 42.5	\$ 35.5	\$ 7.0	\$ 654.6	\$ 557.1	\$ 97.5	\$ 19.7	\$ 16.0	\$ 3.8
Missouri	5,455	1,835	3,620	\$ 1,865.5	\$ 289.3	\$ 1,576.2	\$ 676.6	\$ 167.8	\$ 508.8	\$ 6,119.0	\$ 1,945.8	\$ 4,173.3	\$ 262.0	\$ 62.0	\$ 200.1

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

State Level Direct Results

State	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Montana	230	230	-	\$ 21.2	\$ 21.2	\$ -	\$ 14.8	\$ 14.8	\$ -	\$ 228.6	\$ 228.6	\$ -	\$ 5.8	\$ 5.8	\$ -
Nebraska	2,763	1,312	1,451	\$ 1,158.0	\$ 359.1	\$ 798.9	\$ 263.2	\$ 138.6	\$ 124.5	\$ 3,382.9	\$ 1,543.1	\$ 1,839.8	\$ 138.8	\$ 56.9	\$ 81.9
Nevada	252	120	132	\$ 44.1	\$ 18.8	\$ 25.3	\$ 19.4	\$ 9.7	\$ 9.7	\$ 247.1	\$ 127.3	\$ 119.8	\$ 10.8	\$ 7.0	\$ 3.8
New Hampshire	85	56	30	\$ 16.8	\$ 9.1	\$ 7.7	\$ 6.4	\$ 4.7	\$ 1.7	\$ 88.4	\$ 59.3	\$ 29.0	\$ 3.9	\$ 2.7	\$ 1.2
New Jersey	765	551	214	\$ 183.7	\$ 134.3	\$ 49.4	\$ 75.1	\$ 57.2	\$ 17.9	\$ 834.6	\$ 631.6	\$ 203.0	\$ 72.2	\$ 63.2	\$ 9.0
New Mexico	190	157	33	\$ 23.5	\$ 17.0	\$ 6.5	\$ 12.5	\$ 10.2	\$ 2.4	\$ 188.8	\$ 158.3	\$ 30.5	\$ 5.0	\$ 4.1	\$ 0.8
New York	2,644	1,591	1,054	\$ 636.4	\$ 338.9	\$ 297.5	\$ 251.2	\$ 158.5	\$ 92.7	\$ 2,827.9	\$ 1,774.6	\$ 1,053.3	\$ 247.2	\$ 145.2	\$ 101.9
North Carolina	1,664	1,349	315	\$ 346.9	\$ 243.5	\$ 103.4	\$ 129.6	\$ 108.8	\$ 20.8	\$ 1,790.6	\$ 1,461.1	\$ 329.5	\$ 78.3	\$ 62.5	\$ 15.9
North Dakota	193	193	-	\$ 23.5	\$ 23.5	\$ -	\$ 14.5	\$ 14.5	\$ -	\$ 198.0	\$ 198.0	\$ -	\$ 5.4	\$ 5.4	\$ -
Ohio	3,205	2,340	865	\$ 783.6	\$ 429.9	\$ 353.7	\$ 259.6	\$ 182.2	\$ 77.4	\$ 3,516.2	\$ 2,541.8	\$ 974.4	\$ 233.5	\$ 149.6	\$ 83.9
Oklahoma	1,920	992	928	\$ 380.8	\$ 119.1	\$ 261.7	\$ 149.1	\$ 67.9	\$ 81.2	\$ 1,942.1	\$ 1,014.9	\$ 927.2	\$ 57.2	\$ 24.9	\$ 32.4
Oregon	456	368	88	\$ 78.4	\$ 59.8	\$ 18.6	\$ 38.7	\$ 32.9	\$ 5.8	\$ 473.8	\$ 391.9	\$ 81.9	\$ 20.4	\$ 17.3	\$ 3.1
Pennsylvania	4,810	2,158	2,652	\$ 1,079.8	\$ 291.0	\$ 788.8	\$ 411.3	\$ 162.9	\$ 248.4	\$ 4,930.5	\$ 2,239.3	\$ 2,691.2	\$ 174.4	\$ 70.8	\$ 103.6
Rhode Island	22	22	-	\$ 5.3	\$ 5.3	\$ -	\$ 1.9	\$ 1.9	\$ -	\$ 25.1	\$ 25.1	\$ -	\$ 2.9	\$ 2.9	\$ -
South Carolina	1,003	233	770	\$ 208.8	\$ 36.2	\$ 172.5	\$ 77.1	\$ 15.1	\$ 62.0	\$ 971.3	\$ 246.3	\$ 725.0	\$ 56.5	\$ 16.2	\$ 40.3
South Dakota	827	468	359	\$ 111.6	\$ 51.1	\$ 60.5	\$ 66.1	\$ 36.2	\$ 29.9	\$ 791.9	\$ 473.9	\$ 318.0	\$ 19.0	\$ 10.5	\$ 8.4
Tennessee	1,365	740	625	\$ 497.9	\$ 140.6	\$ 357.3	\$ 148.0	\$ 65.7	\$ 82.2	\$ 1,614.2	\$ 808.4	\$ 805.7	\$ 70.1	\$ 34.4	\$ 35.7
Texas	5,092	4,025	1,067	\$ 904.7	\$ 628.8	\$ 275.9	\$ 395.1	\$ 322.8	\$ 72.2	\$ 5,303.3	\$ 4,261.6	\$ 1,041.7	\$ 149.0	\$ 118.3	\$ 30.7
Utah	1,475	480	995	\$ 356.6	\$ 68.0	\$ 288.6	\$ 114.8	\$ 35.9	\$ 78.9	\$ 1,503.5	\$ 501.3	\$ 1,002.2	\$ 54.0	\$ 16.0	\$ 38.0
Vermont	517	498	19	\$ 49.6	\$ 48.4	\$ 1.2	\$ 35.9	\$ 35.4	\$ 0.6	\$ 512.6	\$ 498.0	\$ 14.6	\$ 14.1	\$ 13.7	\$ 0.4
Virginia	1,367	935	432	\$ 289.0	\$ 159.5	\$ 129.5	\$ 87.3	\$ 64.1	\$ 23.2	\$ 1,442.8	\$ 1,003.4	\$ 439.4	\$ 61.4	\$ 41.0	\$ 20.5
Washington	1,165	784	381	\$ 206.5	\$ 130.9	\$ 75.5	\$ 94.6	\$ 68.8	\$ 25.9	\$ 1,187.8	\$ 838.6	\$ 349.2	\$ 55.1	\$ 42.3	\$ 12.8
West Virginia	114	25	90	\$ 18.9	\$ 3.8	\$ 15.1	\$ 9.2	\$ 1.6	\$ 7.5	\$ 105.6	\$ 26.2	\$ 79.3	\$ 3.6	\$ 1.4	\$ 2.1
Wisconsin	3,170	1,840	1,330	\$ 631.8	\$ 260.3	\$ 371.4	\$ 263.9	\$ 148.7	\$ 115.2	\$ 3,247.0	\$ 1,921.4	\$ 1,325.5	\$ 115.1	\$ 60.5	\$ 54.6
Wyoming	42	42	-	\$ 3.5	\$ 3.5	\$ -	\$ 2.1	\$ 2.1	\$ -	\$ 41.6	\$ 41.6	\$ -	\$ 1.0	\$ 1.0	\$ -

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

9 Appendix C: Detailed Congressional Level Results

Congressional Level Total Results																
State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Alabama	1	189	189	-	\$ 26.3	\$ 26.3	\$ -	\$ 14.5	\$ 14.5	\$ -	\$ 63.5	\$ 63.5	\$ -	\$ 3.8	\$ 3.8	\$ -
Alabama	2	1,440	1,440	-	\$ 180.9	\$ 180.9	\$ -	\$ 114.4	\$ 114.4	\$ -	\$ 473.7	\$ 473.7	\$ -	\$ 28.0	\$ 28.0	\$ -
Alabama	3	1,049	1,049	-	\$ 112.3	\$ 112.3	\$ -	\$ 67.8	\$ 67.8	\$ -	\$ 341.9	\$ 341.9	\$ -	\$ 18.7	\$ 18.7	\$ -
Alabama	4	7,733	2,132	5,601	\$ 882.2	\$ 215.2	\$ 667.0	\$ 466.4	\$ 111.3	\$ 355.1	\$ 2,595.7	\$ 687.6	\$ 1,908.2	\$ 150.0	\$ 32.1	\$ 117.9
Alabama	5	2,577	704	1,874	\$ 316.2	\$ 75.5	\$ 240.7	\$ 192.5	\$ 46.6	\$ 145.9	\$ 840.8	\$ 221.0	\$ 619.8	\$ 59.6	\$ 12.4	\$ 47.2
Alabama	6	283	111	171	\$ 48.5	\$ 18.1	\$ 30.4	\$ 26.1	\$ 9.7	\$ 16.4	\$ 120.8	\$ 47.3	\$ 73.5	\$ 5.6	\$ 2.3	\$ 3.4
Alabama	7	1,224	966	257	\$ 169.9	\$ 128.8	\$ 41.1	\$ 118.6	\$ 92.0	\$ 26.6	\$ 505.7	\$ 393.1	\$ 112.6	\$ 21.2	\$ 16.1	\$ 5.1
Alaska	1	249	84	165	\$ 28.2	\$ 9.9	\$ 18.3	\$ 17.1	\$ 6.1	\$ 11.0	\$ 84.5	\$ 29.1	\$ 55.4	\$ 4.9	\$ 1.5	\$ 3.4
Arizona	1	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Arizona	2	3,473	978	2,495	\$ 444.9	\$ 114.9	\$ 329.9	\$ 236.9	\$ 63.6	\$ 173.4	\$ 1,090.0	\$ 296.0	\$ 794.0	\$ 85.7	\$ 23.2	\$ 62.4
Arizona	3	847	172	676	\$ 122.1	\$ 24.6	\$ 97.5	\$ 70.4	\$ 13.8	\$ 56.6	\$ 392.1	\$ 72.7	\$ 319.4	\$ 17.8	\$ 2.1	\$ 15.7
Arizona	4	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Arizona	5	8	-	8	\$ 1.1	\$ -	\$ 1.1	\$ 0.5	\$ -	\$ 0.5	\$ 5.2	\$ -	\$ 5.2	\$ 0.1	\$ -	\$ 0.1
Arizona	6	146	146	-	\$ 14.8	\$ 14.8	\$ -	\$ 9.4	\$ 9.4	\$ -	\$ 44.3	\$ 44.3	\$ -	\$ 5.7	\$ 5.7	\$ -
Arizona	7	499	499	-	\$ 64.6	\$ 64.6	\$ -	\$ 37.1	\$ 37.1	\$ -	\$ 178.2	\$ 178.2	\$ -	\$ 8.5	\$ 8.5	\$ -
Arizona	8	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Arizona	9	412	412	-	\$ 55.2	\$ 55.2	\$ -	\$ 38.5	\$ 38.5	\$ -	\$ 172.8	\$ 172.8	\$ -	\$ 15.3	\$ 15.3	\$ -
Arkansas	1	2,727	675	2,051	\$ 268.6	\$ 58.3	\$ 210.3	\$ 145.7	\$ 36.7	\$ 109.0	\$ 873.9	\$ 201.4	\$ 672.5	\$ 12.7	\$ 10.3	\$ 2.4
Arkansas	2	3,892	620	3,271	\$ 418.0	\$ 59.8	\$ 358.2	\$ 219.0	\$ 34.1	\$ 185.0	\$ 1,117.5	\$ 156.4	\$ 961.1	\$ 87.6	\$ 10.3	\$ 77.3
Arkansas	3	6,852	2,045	4,807	\$ 1,105.0	\$ 337.0	\$ 768.0	\$ 584.5	\$ 190.9	\$ 393.5	\$ 2,651.8	\$ 775.2	\$ 1,876.6	\$ 238.3	\$ 52.6	\$ 185.7
Arkansas	4	5,708	4,381	1,326	\$ 589.5	\$ 429.7	\$ 159.8	\$ 322.0	\$ 247.6	\$ 74.4	\$ 1,905.4	\$ 1,428.4	\$ 477.1	\$ 99.5	\$ 74.9	\$ 24.5
California	1	5,272	5,272	-	\$ 627.2	\$ 627.2	\$ -	\$ 395.6	\$ 395.6	\$ -	\$ 1,485.4	\$ 1,485.4	\$ -	\$ 138.4	\$ 138.4	\$ -
California	2	1,724	1,369	354	\$ 238.0	\$ 190.5	\$ 47.5	\$ 134.9	\$ 107.2	\$ 27.7	\$ 523.2	\$ 419.7	\$ 103.5	\$ 53.9	\$ 42.5	\$ 11.4
California	3	769	200	569	\$ 88.4	\$ 23.4	\$ 65.0	\$ 52.4	\$ 14.0	\$ 38.5	\$ 212.3	\$ 58.7	\$ 153.5	\$ 19.5	\$ 4.6	\$ 14.9
California	4	1,232	587	646	\$ 163.8	\$ 80.6	\$ 83.2	\$ 92.7	\$ 45.4	\$ 47.4	\$ 421.7	\$ 216.8	\$ 205.0	\$ 34.2	\$ 15.9	\$ 18.3
California	5	1,313	1,313	-	\$ 162.7	\$ 162.7	\$ -	\$ 87.7	\$ 87.7	\$ -	\$ 525.3	\$ 525.3	\$ -	\$ 42.4	\$ 42.4	\$ -

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
California	6	402	221	181	\$ 53.0	\$ 29.6	\$ 23.4	\$ 30.7	\$ 17.2	\$ 13.5	\$ 134.3	\$ 77.1	\$ 57.2	\$ 11.2	\$ 6.2	\$ 5.0
California	7	253	153	101	\$ 34.3	\$ 20.5	\$ 13.8	\$ 19.9	\$ 12.2	\$ 7.7	\$ 95.5	\$ 59.5	\$ 36.1	\$ 7.4	\$ 4.5	\$ 2.9
California	8	534	401	133	\$ 78.5	\$ 58.6	\$ 19.9	\$ 39.9	\$ 30.0	\$ 9.8	\$ 230.0	\$ 174.5	\$ 55.6	\$ 17.5	\$ 13.4	\$ 4.1
California	9	7,809	5,386	2,423	\$ 1,011.3	\$ 713.0	\$ 298.4	\$ 586.8	\$ 414.0	\$ 172.7	\$ 2,510.5	\$ 1,773.0	\$ 737.5	\$ 233.4	\$ 160.5	\$ 72.8
California	10	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	11	491	259	232	\$ 111.8	\$ 61.7	\$ 50.1	\$ 67.2	\$ 36.5	\$ 30.7	\$ 217.6	\$ 115.3	\$ 102.3	\$ 19.2	\$ 10.2	\$ 9.0
California	12	1,036	56	980	\$ 188.3	\$ 9.6	\$ 178.7	\$ 105.4	\$ 5.5	\$ 99.8	\$ 409.2	\$ 24.6	\$ 384.6	\$ 36.2	\$ 1.9	\$ 34.3
California	13	8,701	6,289	2,412	\$ 1,034.8	\$ 753.9	\$ 280.9	\$ 609.8	\$ 448.0	\$ 161.9	\$ 3,034.1	\$ 2,192.1	\$ 842.0	\$ 244.0	\$ 176.8	\$ 67.2
California	14	290	290	-	\$ 50.7	\$ 50.7	\$ -	\$ 27.8	\$ 27.8	\$ -	\$ 133.9	\$ 133.9	\$ -	\$ 10.0	\$ 10.0	\$ -
California	15	100	100	-	\$ 18.7	\$ 18.7	\$ -	\$ 10.6	\$ 10.6	\$ -	\$ 41.9	\$ 41.9	\$ -	\$ 3.1	\$ 3.1	\$ -
California	16	13	13	-	\$ 2.6	\$ 2.6	\$ -	\$ 1.4	\$ 1.4	\$ -	\$ 8.4	\$ 8.4	\$ -	\$ 0.6	\$ 0.6	\$ -
California	17	476	461	15	\$ 96.3	\$ 93.1	\$ 3.1	\$ 54.1	\$ 52.3	\$ 1.8	\$ 273.7	\$ 266.0	\$ 7.7	\$ 17.7	\$ 17.2	\$ 0.5
California	18	633	276	357	\$ 105.6	\$ 45.4	\$ 60.3	\$ 55.0	\$ 24.2	\$ 30.8	\$ 310.7	\$ 141.7	\$ 169.0	\$ 24.0	\$ 10.6	\$ 13.4
California	19	304	163	141	\$ 43.3	\$ 23.8	\$ 19.4	\$ 24.5	\$ 13.5	\$ 11.0	\$ 113.6	\$ 64.3	\$ 49.3	\$ 9.7	\$ 5.3	\$ 4.4
California	20	5,371	4,629	742	\$ 690.8	\$ 605.0	\$ 85.8	\$ 410.1	\$ 359.7	\$ 50.4	\$ 1,999.0	\$ 1,756.9	\$ 242.1	\$ 173.0	\$ 151.7	\$ 21.3
California	21	2,832	1,973	859	\$ 371.9	\$ 266.0	\$ 105.8	\$ 208.6	\$ 149.1	\$ 59.5	\$ 1,071.8	\$ 754.0	\$ 317.8	\$ 78.2	\$ 55.0	\$ 23.2
California	22	936	936	-	\$ 131.1	\$ 131.1	\$ -	\$ 76.5	\$ 76.5	\$ -	\$ 419.5	\$ 419.5	\$ -	\$ 28.5	\$ 28.5	\$ -
California	23	1,146	110	1,037	\$ 161.1	\$ 16.3	\$ 144.8	\$ 79.6	\$ 8.6	\$ 71.0	\$ 499.1	\$ 59.1	\$ 439.9	\$ 36.0	\$ 4.3	\$ 31.7
California	24	816	816	-	\$ 105.7	\$ 105.7	\$ -	\$ 61.6	\$ 61.6	\$ -	\$ 237.8	\$ 237.8	\$ -	\$ 23.2	\$ 23.2	\$ -
California	25	1,262	851	411	\$ 163.5	\$ 112.3	\$ 51.2	\$ 103.9	\$ 73.1	\$ 30.8	\$ 489.1	\$ 341.6	\$ 147.5	\$ 36.2	\$ 24.5	\$ 11.7
California	26	694	422	272	\$ 97.5	\$ 60.4	\$ 37.1	\$ 54.0	\$ 33.2	\$ 20.9	\$ 210.9	\$ 134.0	\$ 76.9	\$ 22.4	\$ 13.5	\$ 8.9
California	27	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	28	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	29	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	30	722	-	722	\$ 144.4	\$ -	\$ 144.4	\$ 63.8	\$ -	\$ 63.8	\$ 452.6	\$ -	\$ 452.6	\$ 27.6	\$ -	\$ 27.6
California	31	25	-	25	\$ 4.5	\$ -	\$ 4.5	\$ 2.0	\$ -	\$ 2.0	\$ 16.3	\$ -	\$ 16.3	\$ 1.0	\$ -	\$ 1.0
California	32	24	24	-	\$ 4.2	\$ 4.2	\$ -	\$ 2.1	\$ 2.1	\$ -	\$ 19.7	\$ 19.7	\$ -	\$ 1.4	\$ 1.4	\$ -
California	33	353	-	353	\$ 50.3	\$ -	\$ 50.3	\$ 24.0	\$ -	\$ 24.0	\$ 170.0	\$ -	\$ 170.0	\$ 11.1	\$ -	\$ 11.1
California	34	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	35	604	604	-	\$ 78.9	\$ 78.9	\$ -	\$ 45.7	\$ 45.7	\$ -	\$ 248.2	\$ 248.2	\$ -	\$ 16.9	\$ 16.9	\$ -

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
California	36	181	181	-	\$ 31.9	\$ 31.9	\$ -	\$ 16.6	\$ 16.6	\$ -	\$ 142.0	\$ 142.0	\$ -	\$ 9.3	\$ 9.3	\$ -
California	37	8	-	8	\$ 1.8	\$ -	\$ 1.8	\$ 0.7	\$ -	\$ 0.7	\$ 6.2	\$ -	\$ 6.2	\$ 0.4	\$ -	\$ 0.4
California	38	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	39	159	129	29	\$ 20.5	\$ 16.7	\$ 3.8	\$ 11.9	\$ 9.8	\$ 2.1	\$ 62.2	\$ 51.5	\$ 10.7	\$ 4.3	\$ 3.6	\$ 0.8
California	40	266	110	156	\$ 43.9	\$ 18.0	\$ 25.9	\$ 22.7	\$ 9.6	\$ 13.1	\$ 126.0	\$ 57.4	\$ 68.5	\$ 10.1	\$ 4.6	\$ 5.6
California	41	1,821	726	1,095	\$ 229.2	\$ 95.4	\$ 133.8	\$ 123.2	\$ 51.8	\$ 71.4	\$ 622.9	\$ 281.5	\$ 341.4	\$ 53.2	\$ 22.4	\$ 30.8
California	42	350	316	34	\$ 57.2	\$ 51.6	\$ 5.6	\$ 29.9	\$ 27.2	\$ 2.7	\$ 224.4	\$ 204.7	\$ 19.7	\$ 14.4	\$ 13.2	\$ 1.2
California	43	114	104	10	\$ 18.3	\$ 16.5	\$ 1.8	\$ 9.8	\$ 9.0	\$ 0.8	\$ 73.6	\$ 67.7	\$ 5.9	\$ 4.9	\$ 4.5	\$ 0.4
California	44	541	541	-	\$ 89.0	\$ 89.0	\$ -	\$ 47.1	\$ 47.1	\$ -	\$ 393.0	\$ 393.0	\$ -	\$ 25.5	\$ 25.5	\$ -
California	45	369	369	-	\$ 58.8	\$ 58.8	\$ -	\$ 32.3	\$ 32.3	\$ -	\$ 209.2	\$ 209.2	\$ -	\$ 13.3	\$ 13.3	\$ -
California	46	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	47	1,624	128	1,495	\$ 283.8	\$ 23.3	\$ 260.4	\$ 146.0	\$ 12.0	\$ 134.0	\$ 705.2	\$ 67.3	\$ 637.9	\$ 56.2	\$ 5.2	\$ 51.1
California	48	256	79	177	\$ 42.3	\$ 11.6	\$ 30.8	\$ 19.2	\$ 5.8	\$ 13.4	\$ 147.7	\$ 50.7	\$ 97.1	\$ 9.6	\$ 3.3	\$ 6.3
California	49	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	50	538	324	214	\$ 81.1	\$ 47.2	\$ 33.9	\$ 40.9	\$ 24.1	\$ 16.9	\$ 260.8	\$ 168.4	\$ 92.4	\$ 19.8	\$ 12.5	\$ 7.3
California	51	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
California	52	75	-	75	\$ 12.0	\$ -	\$ 12.0	\$ 5.5	\$ -	\$ 5.5	\$ 37.1	\$ -	\$ 37.1	\$ 2.4	\$ -	\$ 2.4
Colorado	1	4,611	839	3,772	\$ 788.0	\$ 159.6	\$ 628.4	\$ 410.1	\$ 86.7	\$ 323.4	\$ 1,796.7	\$ 331.2	\$ 1,465.5	\$ 133.4	\$ 19.9	\$ 113.5
Colorado	2	1,513	1,030	483	\$ 197.5	\$ 137.5	\$ 60.0	\$ 105.8	\$ 75.8	\$ 30.0	\$ 489.4	\$ 335.9	\$ 153.5	\$ 35.1	\$ 23.0	\$ 12.1
Colorado	3	1,451	526	925	\$ 132.2	\$ 49.9	\$ 82.3	\$ 75.8	\$ 30.9	\$ 44.9	\$ 372.4	\$ 133.3	\$ 239.1	\$ 26.3	\$ 10.2	\$ 16.2
Colorado	4	4,570	4,259	312	\$ 516.1	\$ 468.3	\$ 47.7	\$ 329.6	\$ 308.0	\$ 21.6	\$ 1,583.0	\$ 1,466.7	\$ 116.2	\$ 97.8	\$ 93.6	\$ 4.2
Colorado	5	171	171	-	\$ 19.5	\$ 19.5	\$ -	\$ 10.6	\$ 10.6	\$ -	\$ 52.6	\$ 52.6	\$ -	\$ 3.6	\$ 3.6	\$ -
Colorado	6	346	197	149	\$ 47.9	\$ 27.7	\$ 20.3	\$ 24.4	\$ 14.8	\$ 9.6	\$ 126.4	\$ 71.8	\$ 54.6	\$ 7.1	\$ 3.7	\$ 3.4
Colorado	7	87	87	-	\$ 12.6	\$ 12.6	\$ -	\$ 6.6	\$ 6.6	\$ -	\$ 35.7	\$ 35.7	\$ -	\$ 2.0	\$ 2.0	\$ -
Colorado	8	2,479	1,024	1,455	\$ 322.6	\$ 138.4	\$ 184.2	\$ 167.0	\$ 77.5	\$ 89.4	\$ 959.5	\$ 398.5	\$ 561.0	\$ 50.4	\$ 19.9	\$ 30.5
Connecticut	1	565	186	379	\$ 70.2	\$ 24.6	\$ 45.5	\$ 39.9	\$ 14.2	\$ 25.7	\$ 190.4	\$ 64.1	\$ 126.2	\$ 14.2	\$ 5.1	\$ 9.1
Connecticut	2	303	275	28	\$ 29.1	\$ 26.4	\$ 2.7	\$ 17.7	\$ 16.2	\$ 1.5	\$ 84.3	\$ 76.4	\$ 7.9	\$ 6.9	\$ 6.2	\$ 0.6
Connecticut	3	305	305	-	\$ 44.2	\$ 44.2	\$ -	\$ 25.1	\$ 25.1	\$ -	\$ 113.9	\$ 113.9	\$ -	\$ 9.9	\$ 9.9	\$ -
Connecticut	4	229	128	101	\$ 40.5	\$ 24.2	\$ 16.3	\$ 22.9	\$ 13.8	\$ 9.2	\$ 93.3	\$ 53.4	\$ 39.8	\$ 8.4	\$ 5.2	\$ 3.3
Connecticut	5	126	87	39	\$ 19.7	\$ 14.5	\$ 5.1	\$ 10.2	\$ 7.7	\$ 2.5	\$ 66.1	\$ 46.6	\$ 19.5	\$ 4.5	\$ 3.6	\$ 0.9

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
DC	1	102	102	-	\$ 13.8	\$ 13.8	\$ -	\$ 7.8	\$ 7.8	\$ -	\$ 39.9	\$ 39.9	\$ -	\$ 3.4	\$ 3.4	\$ -
Delaware	1	2,757	1,429	1,328	\$ 398.8	\$ 200.3	\$ 198.5	\$ 204.4	\$ 111.4	\$ 93.0	\$ 1,021.8	\$ 524.3	\$ 497.5	\$ 70.6	\$ 36.3	\$ 34.3
Florida	1	775	649	126	\$ 83.1	\$ 70.1	\$ 13.0	\$ 48.5	\$ 40.9	\$ 7.7	\$ 209.6	\$ 174.7	\$ 34.9	\$ 17.6	\$ 14.8	\$ 2.8
Florida	2	584	584	-	\$ 58.2	\$ 58.2	\$ -	\$ 38.1	\$ 38.1	\$ -	\$ 153.8	\$ 153.8	\$ -	\$ 13.1	\$ 13.1	\$ -
Florida	3	1,568	1,568	-	\$ 163.9	\$ 163.9	\$ -	\$ 105.6	\$ 105.6	\$ -	\$ 437.3	\$ 437.3	\$ -	\$ 35.6	\$ 35.6	\$ -
Florida	4	509	454	55	\$ 64.2	\$ 57.2	\$ 7.0	\$ 37.2	\$ 33.2	\$ 4.0	\$ 172.2	\$ 152.3	\$ 19.9	\$ 12.1	\$ 10.8	\$ 1.3
Florida	5	256	217	40	\$ 35.9	\$ 30.6	\$ 5.4	\$ 22.1	\$ 18.8	\$ 3.3	\$ 96.5	\$ 82.1	\$ 14.4	\$ 6.9	\$ 5.9	\$ 1.0
Florida	6	180	180	-	\$ 21.3	\$ 21.3	\$ -	\$ 12.3	\$ 12.3	\$ -	\$ 66.9	\$ 66.9	\$ -	\$ 4.4	\$ 4.4	\$ -
Florida	7	474	266	208	\$ 59.3	\$ 34.1	\$ 25.1	\$ 33.5	\$ 19.1	\$ 14.4	\$ 154.4	\$ 87.8	\$ 66.5	\$ 11.9	\$ 7.0	\$ 5.0
Florida	8	644	302	342	\$ 77.0	\$ 35.7	\$ 41.3	\$ 45.7	\$ 21.5	\$ 24.3	\$ 175.4	\$ 83.6	\$ 91.7	\$ 17.0	\$ 8.0	\$ 9.0
Florida	9	378	378	-	\$ 45.7	\$ 45.7	\$ -	\$ 26.2	\$ 26.2	\$ -	\$ 139.3	\$ 139.3	\$ -	\$ 8.6	\$ 8.6	\$ -
Florida	10	191	191	-	\$ 27.2	\$ 27.2	\$ -	\$ 15.9	\$ 15.9	\$ -	\$ 78.2	\$ 78.2	\$ -	\$ 4.9	\$ 4.9	\$ -
Florida	11	114	114	-	\$ 14.5	\$ 14.5	\$ -	\$ 8.0	\$ 8.0	\$ -	\$ 53.8	\$ 53.8	\$ -	\$ 3.2	\$ 3.2	\$ -
Florida	12	90	-	90	\$ 8.4	\$ -	\$ 8.4	\$ 4.8	\$ -	\$ 4.8	\$ 25.7	\$ -	\$ 25.7	\$ 2.0	\$ -	\$ 2.0
Florida	13	942	444	498	\$ 117.5	\$ 55.8	\$ 61.7	\$ 66.4	\$ 31.3	\$ 35.1	\$ 309.2	\$ 148.0	\$ 161.2	\$ 23.7	\$ 11.4	\$ 12.3
Florida	14	817	752	64	\$ 116.9	\$ 108.0	\$ 9.0	\$ 68.2	\$ 62.9	\$ 5.3	\$ 327.4	\$ 302.5	\$ 24.8	\$ 20.3	\$ 18.8	\$ 1.5
Florida	15	102	84	18	\$ 15.0	\$ 12.3	\$ 2.8	\$ 8.3	\$ 6.8	\$ 1.5	\$ 53.6	\$ 43.9	\$ 9.6	\$ 2.9	\$ 2.5	\$ 0.4
Florida	16	778	560	218	\$ 108.2	\$ 78.1	\$ 30.1	\$ 61.7	\$ 44.5	\$ 17.2	\$ 301.6	\$ 219.3	\$ 82.3	\$ 20.9	\$ 15.4	\$ 5.5
Florida	17	235	182	53	\$ 30.0	\$ 23.7	\$ 6.3	\$ 17.7	\$ 13.9	\$ 3.8	\$ 73.5	\$ 56.8	\$ 16.7	\$ 6.0	\$ 4.8	\$ 1.3
Florida	18	4,457	4,428	29	\$ 519.3	\$ 516.0	\$ 3.3	\$ 302.4	\$ 300.5	\$ 1.9	\$ 1,391.9	\$ 1,383.2	\$ 8.7	\$ 113.6	\$ 112.9	\$ 0.7
Florida	19	166	166	-	\$ 22.5	\$ 22.5	\$ -	\$ 13.7	\$ 13.7	\$ -	\$ 54.5	\$ 54.5	\$ -	\$ 4.6	\$ 4.6	\$ -
Florida	20	227	227	-	\$ 40.9	\$ 40.9	\$ -	\$ 24.3	\$ 24.3	\$ -	\$ 119.1	\$ 119.1	\$ -	\$ 7.0	\$ 7.0	\$ -
Florida	21	644	567	76	\$ 73.4	\$ 64.3	\$ 9.1	\$ 41.4	\$ 36.3	\$ 5.2	\$ 225.7	\$ 198.6	\$ 27.1	\$ 14.1	\$ 12.4	\$ 1.7
Florida	22	71	49	23	\$ 11.8	\$ 8.9	\$ 2.9	\$ 7.1	\$ 5.3	\$ 1.8	\$ 35.0	\$ 23.8	\$ 11.2	\$ 2.2	\$ 1.7	\$ 0.4
Florida	23	116	106	10	\$ 20.0	\$ 18.6	\$ 1.4	\$ 12.0	\$ 11.1	\$ 0.8	\$ 64.0	\$ 59.2	\$ 4.8	\$ 3.9	\$ 3.7	\$ 0.2
Florida	24	1,003	823	180	\$ 136.0	\$ 116.8	\$ 19.2	\$ 75.2	\$ 64.6	\$ 10.6	\$ 561.6	\$ 468.0	\$ 93.6	\$ 29.0	\$ 25.7	\$ 3.2
Florida	25	126	126	-	\$ 20.0	\$ 20.0	\$ -	\$ 11.2	\$ 11.2	\$ -	\$ 60.4	\$ 60.4	\$ -	\$ 3.9	\$ 3.9	\$ -
Florida	26	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Florida	27	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Florida	28	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Georgia	1	868	868	-	\$ 113.1	\$ 113.1	\$ -	\$ 62.8	\$ 62.8	\$ -	\$ 263.9	\$ 263.9	\$ -	\$ 18.3	\$ 18.3	\$ -
Georgia	2	5,317	3,283	2,034	\$ 585.6	\$ 353.4	\$ 232.2	\$ 409.2	\$ 259.0	\$ 150.3	\$ 1,739.4	\$ 1,086.2	\$ 653.2	\$ 131.9	\$ 62.7	\$ 69.2
Georgia	3	145	145	-	\$ 18.4	\$ 18.4	\$ -	\$ 9.2	\$ 9.2	\$ -	\$ 50.0	\$ 50.0	\$ -	\$ 2.8	\$ 2.8	\$ -
Georgia	4	452	149	303	\$ 65.0	\$ 23.7	\$ 41.3	\$ 33.8	\$ 11.5	\$ 22.3	\$ 170.8	\$ 58.5	\$ 112.4	\$ 6.2	\$ 2.7	\$ 3.4
Georgia	5	345	319	25	\$ 80.0	\$ 74.1	\$ 5.8	\$ 38.9	\$ 36.2	\$ 2.8	\$ 189.7	\$ 176.8	\$ 12.9	\$ 8.7	\$ 8.2	\$ 0.5
Georgia	6	112	66	46	\$ 21.4	\$ 12.7	\$ 8.7	\$ 9.6	\$ 5.8	\$ 3.8	\$ 63.4	\$ 39.8	\$ 23.6	\$ 2.3	\$ 1.6	\$ 0.7
Georgia	7	241	121	120	\$ 44.2	\$ 21.8	\$ 22.4	\$ 20.5	\$ 10.1	\$ 10.4	\$ 110.5	\$ 58.4	\$ 52.1	\$ 4.3	\$ 2.5	\$ 1.8
Georgia	8	1,466	1,466	-	\$ 147.8	\$ 147.8	\$ -	\$ 95.5	\$ 95.5	\$ -	\$ 461.7	\$ 461.7	\$ -	\$ 26.8	\$ 26.8	\$ -
Georgia	9	3,559	1,924	1,635	\$ 520.6	\$ 278.0	\$ 242.6	\$ 248.0	\$ 133.9	\$ 114.1	\$ 1,324.2	\$ 746.6	\$ 577.5	\$ 71.7	\$ 40.1	\$ 31.6
Georgia	10	1,449	636	813	\$ 180.8	\$ 79.2	\$ 101.6	\$ 85.0	\$ 37.3	\$ 47.7	\$ 441.9	\$ 207.0	\$ 234.9	\$ 25.3	\$ 12.0	\$ 13.3
Georgia	11	876	189	687	\$ 140.6	\$ 31.8	\$ 108.8	\$ 69.1	\$ 15.2	\$ 54.0	\$ 327.0	\$ 77.7	\$ 249.3	\$ 14.3	\$ 3.8	\$ 10.5
Georgia	12	4,611	2,265	2,346	\$ 478.5	\$ 233.3	\$ 245.3	\$ 298.8	\$ 151.4	\$ 147.4	\$ 1,379.8	\$ 702.6	\$ 677.2	\$ 117.1	\$ 44.7	\$ 72.4
Georgia	13	1,439	33	1,406	\$ 370.0	\$ 6.2	\$ 363.8	\$ 133.1	\$ 2.7	\$ 130.4	\$ 861.4	\$ 21.0	\$ 840.4	\$ 28.8	\$ 0.8	\$ 28.0
Georgia	14	839	839	-	\$ 102.1	\$ 102.1	\$ -	\$ 51.3	\$ 51.3	\$ -	\$ 309.0	\$ 309.0	\$ -	\$ 17.0	\$ 17.0	\$ -
Hawaii	1	181	181	-	\$ 25.8	\$ 25.8	\$ -	\$ 14.6	\$ 14.6	\$ -	\$ 66.8	\$ 66.8	\$ -	\$ 4.0	\$ 4.0	\$ -
Hawaii	2	240	240	-	\$ 17.5	\$ 17.5	\$ -	\$ 12.5	\$ 12.5	\$ -	\$ 62.1	\$ 62.1	\$ -	\$ 3.1	\$ 3.1	\$ -
Idaho	1	839	673	166	\$ 102.0	\$ 78.8	\$ 23.2	\$ 58.9	\$ 47.0	\$ 11.8	\$ 294.5	\$ 233.5	\$ 61.0	\$ 18.1	\$ 14.5	\$ 3.5
Idaho	2	6,383	6,279	104	\$ 795.7	\$ 780.6	\$ 15.1	\$ 497.6	\$ 489.2	\$ 8.4	\$ 2,223.8	\$ 2,186.8	\$ 37.0	\$ 147.7	\$ 144.3	\$ 3.4
Illinois	1	16	6	10	\$ 2.4	\$ 0.7	\$ 1.7	\$ 1.1	\$ 0.4	\$ 0.7	\$ 10.8	\$ 4.2	\$ 6.5	\$ 0.4	\$ 0.3	\$ 0.1
Illinois	2	825	368	457	\$ 126.3	\$ 50.0	\$ 76.3	\$ 78.1	\$ 35.4	\$ 42.7	\$ 401.7	\$ 174.4	\$ 227.3	\$ 23.8	\$ 25.5	\$ (1.7)
Illinois	3	61	61	-	\$ 12.5	\$ 12.5	\$ -	\$ 6.9	\$ 6.9	\$ -	\$ 44.8	\$ 44.8	\$ -	\$ 1.0	\$ 1.0	\$ -
Illinois	4	208	-	208	\$ 60.8	\$ -	\$ 60.8	\$ 24.0	\$ -	\$ 24.0	\$ 160.2	\$ -	\$ 160.2	\$ 10.8	\$ -	\$ 10.8
Illinois	5	463	451	12	\$ 100.3	\$ 95.7	\$ 4.6	\$ 54.4	\$ 52.7	\$ 1.7	\$ 382.5	\$ 372.3	\$ 10.2	\$ 12.2	\$ 11.5	\$ 0.8
Illinois	6	157	157	-	\$ 34.0	\$ 34.0	\$ -	\$ 18.7	\$ 18.7	\$ -	\$ 115.5	\$ 115.5	\$ -	\$ 2.4	\$ 2.4	\$ -
Illinois	7	9	9	-	\$ 1.9	\$ 1.9	\$ -	\$ 1.1	\$ 1.1	\$ -	\$ 6.1	\$ 6.1	\$ -	\$ 0.1	\$ 0.1	\$ -
Illinois	8	236	219	17	\$ 41.0	\$ 35.6	\$ 5.4	\$ 20.7	\$ 18.6	\$ 2.1	\$ 162.8	\$ 150.3	\$ 12.5	\$ 1.6	\$ 0.5	\$ 1.1
Illinois	9	12	8	5	\$ 3.3	\$ 1.6	\$ 1.7	\$ 1.5	\$ 0.9	\$ 0.6	\$ 9.7	\$ 5.9	\$ 3.8	\$ 0.5	\$ 0.2	\$ 0.3
Illinois	10	678	153	524	\$ 142.6	\$ 29.2	\$ 113.4	\$ 71.5	\$ 16.5	\$ 55.0	\$ 276.7	\$ 63.1	\$ 213.6	\$ 28.8	\$ 2.8	\$ 26.0
Illinois	11	95	76	19	\$ 15.4	\$ 12.3	\$ 3.1	\$ 8.2	\$ 6.7	\$ 1.5	\$ 46.9	\$ 37.4	\$ 9.5	\$ 3.1	\$ 2.5	\$ 0.6
Illinois	12	1,774	1,522	252	\$ 187.5	\$ 162.6	\$ 24.9	\$ 115.1	\$ 100.1	\$ 14.9	\$ 476.3	\$ 408.4	\$ 68.0	\$ 46.9	\$ 40.5	\$ 6.4

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Illinois	13	1,376	1,376	-	\$ 179.5	\$ 179.5	\$ -	\$ 107.2	\$ 107.2	\$ -	\$ 497.0	\$ 497.0	\$ -	\$ 38.7	\$ 38.7	\$ -
Illinois	14	1,824	1,745	78	\$ 246.7	\$ 236.3	\$ 10.3	\$ 142.2	\$ 136.8	\$ 5.5	\$ 655.2	\$ 627.9	\$ 27.2	\$ 54.3	\$ 52.2	\$ 2.1
Illinois	15	8,203	6,870	1,333	\$ 1,054.9	\$ 888.8	\$ 166.2	\$ 599.4	\$ 509.7	\$ 89.6	\$ 2,825.4	\$ 2,361.4	\$ 464.0	\$ 197.8	\$ 149.8	\$ 48.0
Illinois	16	6,808	3,746	3,061	\$ 869.5	\$ 479.9	\$ 389.7	\$ 493.1	\$ 280.9	\$ 212.2	\$ 2,290.4	\$ 1,279.4	\$ 1,011.0	\$ 213.4	\$ 136.0	\$ 77.4
Illinois	17	2,989	2,214	775	\$ 376.5	\$ 277.4	\$ 99.1	\$ 232.3	\$ 174.8	\$ 57.4	\$ 1,040.3	\$ 775.4	\$ 264.9	\$ 100.1	\$ 84.0	\$ 16.2
Indiana	1	523	494	29	\$ 62.8	\$ 58.3	\$ 4.5	\$ 37.3	\$ 35.1	\$ 2.2	\$ 179.6	\$ 169.7	\$ 10.0	\$ 2.3	\$ 1.3	\$ 1.0
Indiana	2	2,519	2,011	508	\$ 314.3	\$ 249.4	\$ 64.9	\$ 195.9	\$ 158.0	\$ 37.9	\$ 870.4	\$ 694.3	\$ 176.1	\$ 74.7	\$ 61.7	\$ 13.0
Indiana	3	3,347	3,030	318	\$ 389.5	\$ 349.5	\$ 40.0	\$ 231.3	\$ 209.7	\$ 21.6	\$ 1,041.9	\$ 942.7	\$ 99.2	\$ 72.5	\$ 63.9	\$ 8.6
Indiana	4	3,824	2,645	1,179	\$ 481.1	\$ 329.7	\$ 151.3	\$ 269.5	\$ 190.9	\$ 78.6	\$ 1,408.7	\$ 973.8	\$ 434.9	\$ 111.7	\$ 83.7	\$ 28.0
Indiana	5	4,091	2,626	1,465	\$ 555.1	\$ 345.8	\$ 209.2	\$ 310.3	\$ 201.1	\$ 109.2	\$ 1,397.7	\$ 896.9	\$ 500.8	\$ 102.1	\$ 61.2	\$ 40.9
Indiana	6	2,086	1,503	583	\$ 290.6	\$ 199.7	\$ 91.0	\$ 158.4	\$ 115.6	\$ 42.8	\$ 920.7	\$ 660.7	\$ 259.9	\$ 54.8	\$ 40.5	\$ 14.3
Indiana	7	63	-	63	\$ 10.9	\$ -	\$ 10.9	\$ 5.7	\$ -	\$ 5.7	\$ 25.9	\$ -	\$ 25.9	\$ 2.9	\$ -	\$ 2.9
Indiana	8	4,129	2,756	1,373	\$ 476.9	\$ 308.7	\$ 168.2	\$ 279.9	\$ 188.5	\$ 91.4	\$ 1,335.0	\$ 886.5	\$ 448.5	\$ 107.0	\$ 74.1	\$ 32.8
Indiana	9	1,212	1,031	182	\$ 123.8	\$ 103.5	\$ 20.3	\$ 72.7	\$ 61.9	\$ 10.7	\$ 370.3	\$ 313.8	\$ 56.5	\$ 35.8	\$ 32.3	\$ 3.6
Iowa	1	7,969	4,625	3,343	\$ 992.4	\$ 539.3	\$ 453.0	\$ 526.7	\$ 306.8	\$ 219.8	\$ 2,886.7	\$ 1,640.7	\$ 1,246.1	\$ 137.2	\$ 110.1	\$ 27.2
Iowa	2	10,505	5,211	5,294	\$ 1,313.0	\$ 630.3	\$ 682.8	\$ 720.1	\$ 362.5	\$ 357.6	\$ 3,672.3	\$ 1,803.5	\$ 1,868.8	\$ 287.1	\$ 123.9	\$ 163.2
Iowa	3	12,313	8,562	3,751	\$ 1,804.1	\$ 1,189.1	\$ 615.0	\$ 1,002.1	\$ 689.4	\$ 312.7	\$ 4,133.6	\$ 2,824.8	\$ 1,308.9	\$ 446.4	\$ 198.5	\$ 247.9
Iowa	4	14,676	10,976	3,700	\$ 1,897.9	\$ 1,365.3	\$ 532.6	\$ 1,030.6	\$ 776.2	\$ 254.5	\$ 5,787.6	\$ 4,304.8	\$ 1,482.8	\$ 283.7	\$ 299.1	\$ (15.4)
Kansas	1	9,204	5,694	3,510	\$ 1,216.1	\$ 710.4	\$ 505.7	\$ 644.1	\$ 405.1	\$ 239.0	\$ 3,608.9	\$ 2,209.9	\$ 1,399.0	\$ 259.0	\$ 153.2	\$ 105.8
Kansas	2	23,588	4,322	19,267	\$ 3,406.2	\$ 532.5	\$ 2,873.6	\$ 1,564.3	\$ 288.7	\$ 1,275.6	\$ 8,930.4	\$ 1,567.4	\$ 7,363.0	\$ 635.6	\$ 101.2	\$ 534.4
Kansas	3	7,755	3,173	4,582	\$ 1,410.4	\$ 530.2	\$ 880.2	\$ 714.2	\$ 293.5	\$ 420.7	\$ 2,880.7	\$ 1,146.6	\$ 1,734.1	\$ 162.8	\$ 75.0	\$ 87.8
Kansas	4	2,491	2,491	-	\$ 311.7	\$ 311.7	\$ -	\$ 177.1	\$ 177.1	\$ -	\$ 825.5	\$ 825.5	\$ -	\$ 59.1	\$ 59.1	\$ -
Kentucky	1	8,256	7,827	429	\$ 904.5	\$ 850.6	\$ 54.0	\$ 575.4	\$ 544.3	\$ 31.2	\$ 2,685.3	\$ 2,536.7	\$ 148.7	\$ 161.9	\$ 165.2	\$ (3.3)
Kentucky	2	2,962	2,267	695	\$ 308.8	\$ 226.7	\$ 82.1	\$ 187.7	\$ 140.4	\$ 47.3	\$ 898.9	\$ 669.6	\$ 229.3	\$ 39.4	\$ 41.5	\$ (2.1)
Kentucky	3	996	307	689	\$ 182.9	\$ 53.9	\$ 128.9	\$ 98.4	\$ 29.5	\$ 68.9	\$ 430.6	\$ 136.4	\$ 294.2	\$ 54.9	\$ 7.1	\$ 47.8
Kentucky	4	1,417	923	494	\$ 203.3	\$ 125.9	\$ 77.5	\$ 110.9	\$ 69.4	\$ 41.5	\$ 511.2	\$ 328.0	\$ 183.2	\$ 41.2	\$ 19.1	\$ 22.1
Kentucky	5	1,462	430	1,033	\$ 138.4	\$ 36.9	\$ 101.5	\$ 75.4	\$ 20.9	\$ 54.5	\$ 395.0	\$ 107.0	\$ 287.9	\$ 21.6	\$ 7.4	\$ 14.2
Kentucky	6	2,442	2,143	299	\$ 318.9	\$ 276.6	\$ 42.3	\$ 177.3	\$ 154.7	\$ 22.6	\$ 795.6	\$ 696.6	\$ 99.0	\$ 58.1	\$ 44.9	\$ 13.2
Louisiana	1	215	215	-	\$ 32.2	\$ 32.2	\$ -	\$ 17.8	\$ 17.8	\$ -	\$ 85.6	\$ 85.6	\$ -	\$ 4.3	\$ 4.3	\$ -
Louisiana	2	922	886	36	\$ 149.4	\$ 144.3	\$ 5.1	\$ 83.1	\$ 80.3	\$ 2.8	\$ 428.7	\$ 414.4	\$ 14.3	\$ 18.5	\$ 17.7	\$ 0.8

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Louisiana	3	1,085	1,085	-	\$ 120.8	\$ 120.8	\$ -	\$ 83.9	\$ 83.9	\$ -	\$ 336.3	\$ 336.3	\$ -	\$ 21.7	\$ 21.7	\$ -
Louisiana	4	1,662	1,662	-	\$ 195.4	\$ 195.4	\$ -	\$ 110.8	\$ 110.8	\$ -	\$ 556.0	\$ 556.0	\$ -	\$ 30.8	\$ 30.8	\$ -
Louisiana	5	2,989	2,989	-	\$ 305.3	\$ 305.3	\$ -	\$ 194.2	\$ 194.2	\$ -	\$ 912.0	\$ 912.0	\$ -	\$ 55.1	\$ 55.1	\$ -
Louisiana	6	763	118	645	\$ 100.8	\$ 17.0	\$ 83.7	\$ 54.5	\$ 9.1	\$ 45.4	\$ 267.6	\$ 45.1	\$ 222.5	\$ 17.0	\$ 2.3	\$ 14.7
Maine	1	244	216	28	\$ 33.6	\$ 30.0	\$ 3.6	\$ 18.6	\$ 16.7	\$ 1.9	\$ 87.8	\$ 78.0	\$ 9.8	\$ 3.9	\$ 3.2	\$ 0.7
Maine	2	963	963	-	\$ 109.8	\$ 109.8	\$ -	\$ 66.0	\$ 66.0	\$ -	\$ 322.1	\$ 322.1	\$ -	\$ 23.9	\$ 23.9	\$ -
Maryland	1	2,588	1,490	1,099	\$ 321.0	\$ 181.1	\$ 139.9	\$ 172.6	\$ 98.4	\$ 74.2	\$ 871.7	\$ 495.6	\$ 376.1	\$ 70.3	\$ 43.5	\$ 26.8
Maryland	2	545	351	194	\$ 76.4	\$ 46.4	\$ 30.1	\$ 42.1	\$ 26.7	\$ 15.5	\$ 214.0	\$ 137.4	\$ 76.6	\$ 15.9	\$ 10.0	\$ 5.9
Maryland	3	251	251	-	\$ 43.1	\$ 43.1	\$ -	\$ 23.4	\$ 23.4	\$ -	\$ 108.8	\$ 108.8	\$ -	\$ 3.2	\$ 3.2	\$ -
Maryland	4	137	47	90	\$ 19.3	\$ 6.5	\$ 12.8	\$ 9.5	\$ 3.4	\$ 6.1	\$ 61.9	\$ 22.7	\$ 39.1	\$ 3.5	\$ 0.7	\$ 2.8
Maryland	5	38	38	-	\$ 3.5	\$ 3.5	\$ -	\$ 1.6	\$ 1.6	\$ -	\$ 12.1	\$ 12.1	\$ -	\$ 1.3	\$ 1.3	\$ -
Maryland	6	299	279	20	\$ 33.1	\$ 30.5	\$ 2.6	\$ 21.5	\$ 20.1	\$ 1.5	\$ 96.2	\$ 89.4	\$ 6.9	\$ 10.3	\$ 9.9	\$ 0.4
Maryland	7	299	279	20	\$ 33.1	\$ 30.5	\$ 2.6	\$ 21.5	\$ 20.0	\$ 1.5	\$ 96.2	\$ 89.3	\$ 6.9	\$ 10.3	\$ 9.9	\$ 0.4
Maryland	8	67	67	-	\$ 11.1	\$ 11.1	\$ -	\$ 6.8	\$ 6.8	\$ -	\$ 28.5	\$ 28.5	\$ -	\$ 1.9	\$ 1.9	\$ -
Massachusetts	1	671	542	129	\$ 72.1	\$ 58.7	\$ 13.4	\$ 43.4	\$ 35.4	\$ 7.9	\$ 177.8	\$ 144.0	\$ 33.9	\$ 17.8	\$ 14.6	\$ 3.3
Massachusetts	2	360	360	-	\$ 42.1	\$ 42.1	\$ -	\$ 25.6	\$ 25.6	\$ -	\$ 113.4	\$ 113.4	\$ -	\$ 8.2	\$ 8.2	\$ -
Massachusetts	3	104	80	24	\$ 16.4	\$ 13.3	\$ 3.2	\$ 9.1	\$ 7.5	\$ 1.7	\$ 60.9	\$ 47.9	\$ 13.0	\$ 4.3	\$ 3.7	\$ 0.6
Massachusetts	4	235	235	-	\$ 33.3	\$ 33.3	\$ -	\$ 19.7	\$ 19.7	\$ -	\$ 94.8	\$ 94.8	\$ -	\$ 5.7	\$ 5.7	\$ -
Massachusetts	5	52	52	-	\$ 9.1	\$ 9.1	\$ -	\$ 5.3	\$ 5.3	\$ -	\$ 26.4	\$ 26.4	\$ -	\$ 1.3	\$ 1.3	\$ -
Massachusetts	6	514	221	292	\$ 67.4	\$ 30.8	\$ 36.6	\$ 39.8	\$ 18.2	\$ 21.6	\$ 188.0	\$ 80.2	\$ 107.8	\$ 13.8	\$ 6.4	\$ 7.4
Massachusetts	7	93	93	-	\$ 15.7	\$ 15.7	\$ -	\$ 9.2	\$ 9.2	\$ -	\$ 48.3	\$ 48.3	\$ -	\$ 3.4	\$ 3.4	\$ -
Massachusetts	8	181	162	19	\$ 32.5	\$ 29.5	\$ 3.0	\$ 19.2	\$ 17.4	\$ 1.8	\$ 88.2	\$ 79.9	\$ 8.3	\$ 7.4	\$ 6.9	\$ 0.5
Massachusetts	9	304	257	47	\$ 37.3	\$ 32.0	\$ 5.2	\$ 21.7	\$ 18.7	\$ 3.0	\$ 93.8	\$ 79.5	\$ 14.3	\$ 9.1	\$ 7.9	\$ 1.2
Michigan	1	330	330	-	\$ 31.9	\$ 31.9	\$ -	\$ 20.8	\$ 20.8	\$ -	\$ 83.9	\$ 83.9	\$ -	\$ 7.1	\$ 7.1	\$ -
Michigan	2	2,297	2,085	212	\$ 237.8	\$ 214.0	\$ 23.8	\$ 145.6	\$ 132.3	\$ 13.2	\$ 749.4	\$ 676.3	\$ 73.1	\$ 56.6	\$ 49.6	\$ 7.0
Michigan	3	127	68	59	\$ 19.6	\$ 10.2	\$ 9.4	\$ 11.1	\$ 6.0	\$ 5.2	\$ 47.9	\$ 25.6	\$ 22.3	\$ 1.9	\$ 1.4	\$ 0.6
Michigan	4	2,437	1,991	445	\$ 320.7	\$ 257.0	\$ 63.6	\$ 189.1	\$ 153.9	\$ 35.2	\$ 874.5	\$ 709.6	\$ 164.9	\$ 53.5	\$ 44.6	\$ 9.0
Michigan	5	1,630	1,504	126	\$ 181.2	\$ 165.3	\$ 15.9	\$ 102.0	\$ 93.6	\$ 8.4	\$ 520.7	\$ 478.1	\$ 42.5	\$ 39.3	\$ 35.4	\$ 3.9
Michigan	6	94	94	-	\$ 12.4	\$ 12.4	\$ -	\$ 6.6	\$ 6.6	\$ -	\$ 39.3	\$ 39.3	\$ -	\$ 2.0	\$ 2.0	\$ -
Michigan	7	1,500	1,276	224	\$ 165.2	\$ 137.7	\$ 27.5	\$ 98.6	\$ 83.2	\$ 15.4	\$ 414.5	\$ 347.9	\$ 66.6	\$ 32.8	\$ 27.0	\$ 5.8

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Michigan	8	943	622	321	\$ 104.4	\$ 67.6	\$ 36.8	\$ 60.6	\$ 39.8	\$ 20.9	\$ 277.1	\$ 178.7	\$ 98.4	\$ 22.6	\$ 14.4	\$ 8.2
Michigan	9	569	569	-	\$ 70.7	\$ 70.7	\$ -	\$ 46.1	\$ 46.1	\$ -	\$ 242.1	\$ 242.1	\$ -	\$ 17.1	\$ 17.1	\$ -
Michigan	10	146	146	-	\$ 20.1	\$ 20.1	\$ -	\$ 11.8	\$ 11.8	\$ -	\$ 62.9	\$ 62.9	\$ -	\$ 2.6	\$ 2.6	\$ -
Michigan	11	256	256	-	\$ 49.5	\$ 49.5	\$ -	\$ 28.3	\$ 28.3	\$ -	\$ 132.5	\$ 132.5	\$ -	\$ 6.0	\$ 6.0	\$ -
Michigan	12	50	15	35	\$ 10.0	\$ 2.8	\$ 7.2	\$ 4.9	\$ 1.6	\$ 3.3	\$ 34.5	\$ 11.4	\$ 23.0	\$ 0.8	\$ 0.4	\$ 0.5
Michigan	13	33	33	-	\$ 5.8	\$ 5.8	\$ -	\$ 3.3	\$ 3.3	\$ -	\$ 18.0	\$ 18.0	\$ -	\$ 0.7	\$ 0.7	\$ -
Minnesota	1	7,651	6,623	1,028	\$ 976.5	\$ 853.6	\$ 123.0	\$ 588.9	\$ 517.1	\$ 71.8	\$ 2,755.2	\$ 2,396.2	\$ 359.0	\$ 205.6	\$ 176.5	\$ 29.2
Minnesota	2	1,577	574	1,003	\$ 209.3	\$ 76.2	\$ 133.1	\$ 121.2	\$ 45.5	\$ 75.7	\$ 529.8	\$ 194.8	\$ 334.9	\$ 34.5	\$ 12.5	\$ 22.1
Minnesota	3	700	450	249	\$ 169.8	\$ 108.7	\$ 61.2	\$ 99.4	\$ 67.0	\$ 32.4	\$ 396.3	\$ 262.7	\$ 133.6	\$ 17.8	\$ 13.4	\$ 4.4
Minnesota	4	520	228	292	\$ 83.3	\$ 37.8	\$ 45.4	\$ 47.6	\$ 22.1	\$ 25.5	\$ 184.3	\$ 83.7	\$ 100.5	\$ 6.2	\$ 4.6	\$ 1.7
Minnesota	5	155	8	147	\$ 35.7	\$ 1.5	\$ 34.2	\$ 19.2	\$ 0.9	\$ 18.4	\$ 79.6	\$ 4.9	\$ 74.6	\$ 2.4	\$ 0.2	\$ 2.2
Minnesota	6	2,254	1,881	373	\$ 242.5	\$ 201.0	\$ 41.5	\$ 148.8	\$ 125.2	\$ 23.6	\$ 735.8	\$ 612.5	\$ 123.3	\$ 47.5	\$ 37.9	\$ 9.5
Minnesota	7	11,102	8,130	2,972	\$ 1,331.6	\$ 985.6	\$ 346.0	\$ 833.4	\$ 628.3	\$ 205.1	\$ 3,819.0	\$ 2,806.9	\$ 1,012.1	\$ 294.2	\$ 206.3	\$ 87.9
Minnesota	8	1,040	884	157	\$ 97.7	\$ 82.8	\$ 14.8	\$ 59.3	\$ 50.8	\$ 8.6	\$ 282.4	\$ 238.9	\$ 43.6	\$ 21.1	\$ 17.5	\$ 3.6
Mississippi	1	2,761	2,249	511	\$ 245.5	\$ 190.2	\$ 55.3	\$ 164.0	\$ 132.3	\$ 31.8	\$ 734.9	\$ 579.5	\$ 155.4	\$ 34.3	\$ 23.2	\$ 11.1
Mississippi	2	1,045	1,045	-	\$ 113.1	\$ 113.1	\$ -	\$ 72.3	\$ 72.3	\$ -	\$ 385.3	\$ 385.3	\$ -	\$ 9.6	\$ 9.6	\$ -
Mississippi	3	2,389	2,017	372	\$ 311.7	\$ 254.7	\$ 57.0	\$ 165.1	\$ 138.5	\$ 26.6	\$ 857.2	\$ 711.5	\$ 145.8	\$ 40.0	\$ 32.1	\$ 7.9
Mississippi	4	672	672	-	\$ 75.6	\$ 75.6	\$ -	\$ 42.9	\$ 42.9	\$ -	\$ 229.4	\$ 229.4	\$ -	\$ 10.0	\$ 10.0	\$ -
Missouri	1	8,002	370	7,632	\$ 1,868.6	\$ 81.9	\$ 1,786.7	\$ 873.7	\$ 42.4	\$ 831.3	\$ 3,801.5	\$ 183.3	\$ 3,618.3	\$ (4.7)	\$ 8.1	\$ (12.7)
Missouri	2	1,028	268	760	\$ 195.8	\$ 35.4	\$ 160.4	\$ 90.7	\$ 20.6	\$ 70.0	\$ 452.7	\$ 110.4	\$ 342.3	\$ 40.0	\$ 4.9	\$ 35.0
Missouri	3	5,866	2,307	3,559	\$ 623.7	\$ 235.3	\$ 388.4	\$ 339.8	\$ 139.2	\$ 200.7	\$ 1,889.0	\$ 748.0	\$ 1,141.0	\$ 215.7	\$ 33.8	\$ 181.9
Missouri	4	4,478	3,321	1,157	\$ 423.9	\$ 310.3	\$ 113.6	\$ 283.8	\$ 219.4	\$ 64.5	\$ 1,430.3	\$ 1,063.7	\$ 366.6	\$ 149.9	\$ 55.7	\$ 94.2
Missouri	5	3,116	148	2,968	\$ 513.6	\$ 27.1	\$ 486.5	\$ 274.7	\$ 14.3	\$ 260.3	\$ 1,185.8	\$ 64.9	\$ 1,120.9	\$ 4.3	\$ 3.1	\$ 1.3
Missouri	6	10,655	4,790	5,865	\$ 1,122.1	\$ 515.5	\$ 606.6	\$ 659.5	\$ 318.5	\$ 341.0	\$ 3,486.4	\$ 1,567.2	\$ 1,919.2	\$ 443.1	\$ 82.4	\$ 360.7
Missouri	7	15,615	4,273	11,342	\$ 1,883.5	\$ 569.1	\$ 1,314.4	\$ 1,057.6	\$ 324.4	\$ 733.1	\$ 4,586.6	\$ 1,329.0	\$ 3,257.6	\$ 222.2	\$ 92.7	\$ 129.5
Missouri	8	5,594	4,656	938	\$ 601.5	\$ 505.5	\$ 96.1	\$ 362.6	\$ 310.0	\$ 52.6	\$ 1,762.5	\$ 1,479.7	\$ 282.7	\$ 141.9	\$ 87.3	\$ 54.7
Montana	1	658	658	-	\$ 66.1	\$ 66.1	\$ -	\$ 41.1	\$ 41.1	\$ -	\$ 200.3	\$ 200.3	\$ -	\$ 8.6	\$ 8.6	\$ -
Montana	2	1,907	1,907	-	\$ 204.0	\$ 204.0	\$ -	\$ 139.4	\$ 139.4	\$ -	\$ 607.3	\$ 607.3	\$ -	\$ 23.9	\$ 23.9	\$ -
Nebraska	1	8,782	4,169	4,613	\$ 1,404.1	\$ 584.9	\$ 819.2	\$ 662.2	\$ 314.6	\$ 347.6	\$ 3,267.0	\$ 1,487.0	\$ 1,780.0	\$ 232.5	\$ 105.6	\$ 126.8
Nebraska	2	1,167	1,073	94	\$ 201.9	\$ 181.1	\$ 20.9	\$ 111.4	\$ 102.2	\$ 9.3	\$ 438.7	\$ 399.4	\$ 39.3	\$ 16.3	\$ 13.1	\$ 3.2

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Nebraska	3	14,075	6,992	7,083	\$ 2,188.7	\$ 975.0	\$ 1,213.7	\$ 1,019.8	\$ 517.3	\$ 502.5	\$ 5,630.4	\$ 2,715.3	\$ 2,915.1	\$ 428.4	\$ 223.3	\$ 205.1
Nevada	1	49	49	-	\$ 7.1	\$ 7.1	\$ -	\$ 3.9	\$ 3.9	\$ -	\$ 27.2	\$ 27.2	\$ -	\$ 1.3	\$ 1.3	\$ -
Nevada	2	2,044	1,026	1,018	\$ 257.4	\$ 126.0	\$ 131.4	\$ 149.1	\$ 75.0	\$ 74.1	\$ 677.6	\$ 332.8	\$ 344.8	\$ 50.4	\$ 25.7	\$ 24.7
Nevada	3	142	46	96	\$ 17.1	\$ 6.7	\$ 10.4	\$ 8.9	\$ 3.6	\$ 5.3	\$ 69.5	\$ 23.6	\$ 46.0	\$ 3.6	\$ 1.0	\$ 2.5
Nevada	4	77	77	-	\$ 9.0	\$ 9.0	\$ -	\$ 5.4	\$ 5.4	\$ -	\$ 37.4	\$ 37.4	\$ -	\$ 2.2	\$ 2.2	\$ -
New Hampshire	1	312	160	152	\$ 46.4	\$ 24.3	\$ 22.1	\$ 25.2	\$ 13.7	\$ 11.4	\$ 117.0	\$ 61.0	\$ 56.0	\$ 7.0	\$ 2.8	\$ 4.2
New Hampshire	2	507	406	101	\$ 58.6	\$ 46.4	\$ 12.2	\$ 35.0	\$ 28.5	\$ 6.5	\$ 170.0	\$ 135.7	\$ 34.3	\$ 13.2	\$ 10.9	\$ 2.3
New Jersey	1	562	226	336	\$ 66.5	\$ 26.4	\$ 40.1	\$ 38.8	\$ 15.6	\$ 23.2	\$ 155.3	\$ 63.7	\$ 91.7	\$ 16.1	\$ 6.7	\$ 9.3
New Jersey	2	909	909	-	\$ 95.4	\$ 95.4	\$ -	\$ 57.2	\$ 57.2	\$ -	\$ 247.7	\$ 247.7	\$ -	\$ 26.1	\$ 26.1	\$ -
New Jersey	3	600	433	167	\$ 77.7	\$ 55.8	\$ 21.8	\$ 44.2	\$ 32.0	\$ 12.1	\$ 202.1	\$ 145.9	\$ 56.2	\$ 18.3	\$ 13.7	\$ 4.7
New Jersey	4	532	322	209	\$ 63.0	\$ 38.2	\$ 24.7	\$ 34.6	\$ 21.2	\$ 13.3	\$ 174.6	\$ 106.1	\$ 68.5	\$ 16.2	\$ 10.6	\$ 5.5
New Jersey	5	271	271	-	\$ 40.4	\$ 40.4	\$ -	\$ 23.4	\$ 23.4	\$ -	\$ 103.9	\$ 103.9	\$ -	\$ 10.2	\$ 10.2	\$ -
New Jersey	6	1,432	771	661	\$ 208.3	\$ 111.0	\$ 97.2	\$ 116.2	\$ 62.7	\$ 53.5	\$ 571.9	\$ 305.9	\$ 266.0	\$ 45.3	\$ 26.5	\$ 18.8
New Jersey	7	668	668	-	\$ 98.7	\$ 98.7	\$ -	\$ 56.3	\$ 56.3	\$ -	\$ 261.9	\$ 261.9	\$ -	\$ 23.5	\$ 23.5	\$ -
New Jersey	8	639	495	144	\$ 94.7	\$ 74.3	\$ 20.4	\$ 55.7	\$ 43.8	\$ 11.9	\$ 249.3	\$ 193.8	\$ 55.5	\$ 21.5	\$ 17.4	\$ 4.1
New Jersey	9	494	416	78	\$ 71.3	\$ 61.6	\$ 9.7	\$ 39.9	\$ 34.3	\$ 5.5	\$ 217.7	\$ 183.1	\$ 34.6	\$ 17.2	\$ 15.3	\$ 1.9
New Jersey	10	146	131	15	\$ 22.0	\$ 19.9	\$ 2.1	\$ 12.3	\$ 11.2	\$ 1.2	\$ 68.2	\$ 61.0	\$ 7.2	\$ 5.3	\$ 5.0	\$ 0.4
New Jersey	11	406	406	-	\$ 65.5	\$ 65.5	\$ -	\$ 38.2	\$ 38.2	\$ -	\$ 161.6	\$ 161.6	\$ -	\$ 15.1	\$ 15.1	\$ -
New Jersey	12	512	353	159	\$ 74.1	\$ 50.7	\$ 23.4	\$ 41.9	\$ 29.0	\$ 13.0	\$ 191.4	\$ 132.4	\$ 58.9	\$ 16.9	\$ 12.2	\$ 4.7
New Mexico	1	423	423	-	\$ 74.7	\$ 74.7	\$ -	\$ 31.0	\$ 31.0	\$ -	\$ 146.1	\$ 146.1	\$ -	\$ 6.9	\$ 6.9	\$ -
New Mexico	2	615	317	298	\$ 72.2	\$ 35.9	\$ 36.3	\$ 42.4	\$ 21.7	\$ 20.7	\$ 214.8	\$ 113.4	\$ 101.4	\$ 10.1	\$ 3.9	\$ 6.2
New Mexico	3	947	947	-	\$ 76.2	\$ 76.2	\$ -	\$ 65.4	\$ 65.4	\$ -	\$ 298.5	\$ 298.5	\$ -	\$ 11.1	\$ 11.1	\$ -
New York	1	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New York	2	297	287	10	\$ 51.1	\$ 49.4	\$ 1.8	\$ 26.4	\$ 25.5	\$ 0.8	\$ 162.0	\$ 156.8	\$ 5.2	\$ (21.3)	\$ (21.8)	\$ 0.5
New York	3	117	117	-	\$ 21.5	\$ 21.5	\$ -	\$ 11.8	\$ 11.8	\$ -	\$ 62.2	\$ 62.2	\$ -	\$ (2.2)	\$ (2.2)	\$ -
New York	4	46	46	-	\$ 8.7	\$ 8.7	\$ -	\$ 4.8	\$ 4.8	\$ -	\$ 27.6	\$ 27.6	\$ -	\$ 5.7	\$ 5.7	\$ -
New York	5	18	14	5	\$ 3.3	\$ 2.4	\$ 0.8	\$ 1.6	\$ 1.3	\$ 0.3	\$ 13.0	\$ 10.0	\$ 3.0	\$ 2.0	\$ 1.7	\$ 0.3
New York	6	57	42	15	\$ 9.1	\$ 6.7	\$ 2.4	\$ 4.5	\$ 3.5	\$ 1.1	\$ 32.7	\$ 24.4	\$ 8.3	\$ 0.1	\$ (0.6)	\$ 0.7
New York	7	114	97	17	\$ 18.2	\$ 15.4	\$ 2.8	\$ 8.9	\$ 7.7	\$ 1.2	\$ 73.3	\$ 63.2	\$ 10.0	\$ (6.1)	\$ (7.0)	\$ 0.9
New York	8	15	15	-	\$ 2.2	\$ 2.2	\$ -	\$ 1.0	\$ 1.0	\$ -	\$ 10.9	\$ 10.9	\$ -	\$ 0.4	\$ 0.4	\$ -

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
New York	9	11	11	-	\$ 1.6	\$ 1.6	\$ -	\$ 0.7	\$ 0.7	\$ -	\$ 8.1	\$ 8.1	\$ -	\$ 0.2	\$ 0.2	\$ -
New York	10	57	38	19	\$ 11.5	\$ 6.9	\$ 4.5	\$ 5.3	\$ 3.4	\$ 2.0	\$ 42.7	\$ 29.1	\$ 13.6	\$ 0.9	\$ (0.3)	\$ 1.2
New York	11	48	20	28	\$ 5.5	\$ 2.4	\$ 3.1	\$ 2.7	\$ 1.2	\$ 1.5	\$ 18.7	\$ 8.2	\$ 10.5	\$ 0.4	\$ (0.6)	\$ 1.0
New York	12	898	898	-	\$ 257.2	\$ 257.2	\$ -	\$ 141.7	\$ 141.7	\$ -	\$ 651.2	\$ 651.2	\$ -	\$ (33.9)	\$ (33.9)	\$ -
New York	13	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New York	14	49	36	13	\$ 7.9	\$ 5.9	\$ 2.0	\$ 4.0	\$ 3.1	\$ 0.9	\$ 29.6	\$ 22.1	\$ 7.5	\$ (0.7)	\$ (1.3)	\$ 0.7
New York	15	30	19	11	\$ 4.4	\$ 3.0	\$ 1.3	\$ 2.2	\$ 1.6	\$ 0.7	\$ 18.4	\$ 12.4	\$ 6.0	\$ (0.3)	\$ (0.8)	\$ 0.5
New York	16	415	118	297	\$ 92.4	\$ 22.8	\$ 69.6	\$ 47.4	\$ 12.5	\$ 34.9	\$ 217.1	\$ 61.7	\$ 155.3	\$ 9.0	\$ (6.0)	\$ 15.0
New York	17	237	84	153	\$ 42.9	\$ 14.0	\$ 28.9	\$ 21.8	\$ 7.4	\$ 14.5	\$ 112.4	\$ 41.0	\$ 71.3	\$ 3.0	\$ (3.9)	\$ 6.9
New York	18	907	782	124	\$ 114.0	\$ 97.8	\$ 16.2	\$ 60.9	\$ 52.2	\$ 8.6	\$ 305.9	\$ 263.1	\$ 42.8	\$ (21.6)	\$ (26.0)	\$ 4.4
New York	19	5,096	1,247	3,849	\$ 624.4	\$ 143.3	\$ 481.1	\$ 333.6	\$ 79.7	\$ 253.8	\$ 1,688.3	\$ 401.6	\$ 1,286.7	\$ 148.4	\$ 26.3	\$ 122.1
New York	20	1,066	502	563	\$ 168.3	\$ 76.1	\$ 92.2	\$ 94.3	\$ 42.9	\$ 51.3	\$ 369.1	\$ 176.4	\$ 192.7	\$ 32.2	\$ 12.0	\$ 20.2
New York	21	1,179	1,179	-	\$ 128.6	\$ 128.6	\$ -	\$ 85.8	\$ 85.8	\$ -	\$ 342.3	\$ 342.3	\$ -	\$ 82.6	\$ 82.6	\$ -
New York	22	2,853	2,853	-	\$ 356.2	\$ 356.2	\$ -	\$ 222.7	\$ 222.7	\$ -	\$ 833.0	\$ 833.0	\$ -	\$ 102.1	\$ 102.1	\$ -
New York	23	1,910	1,066	845	\$ 249.1	\$ 132.8	\$ 116.3	\$ 138.5	\$ 76.1	\$ 62.4	\$ 707.1	\$ 388.0	\$ 319.1	\$ 111.5	\$ 83.2	\$ 28.3
New York	24	5,114	5,114	-	\$ 605.9	\$ 605.9	\$ -	\$ 359.6	\$ 359.6	\$ -	\$ 1,674.9	\$ 1,674.9	\$ -	\$ 254.7	\$ 254.7	\$ -
New York	25	746	209	536	\$ 101.8	\$ 28.8	\$ 73.0	\$ 57.4	\$ 16.1	\$ 41.2	\$ 236.4	\$ 66.6	\$ 169.9	\$ 23.6	\$ 5.7	\$ 17.9
New York	26	2,637	500	2,137	\$ 412.8	\$ 76.1	\$ 336.6	\$ 223.6	\$ 41.7	\$ 181.9	\$ 1,086.7	\$ 213.6	\$ 873.1	\$ 72.9	\$ (1.0)	\$ 73.9
North Carolina	1	3,685	2,708	977	\$ 451.2	\$ 323.4	\$ 127.8	\$ 248.4	\$ 184.9	\$ 63.4	\$ 1,230.8	\$ 896.3	\$ 334.5	\$ 82.8	\$ 62.6	\$ 20.3
North Carolina	2	117	117	-	\$ 20.6	\$ 20.6	\$ -	\$ 11.5	\$ 11.5	\$ -	\$ 49.3	\$ 49.3	\$ -	\$ 2.6	\$ 2.6	\$ -
North Carolina	3	2,250	2,250	-	\$ 239.5	\$ 239.5	\$ -	\$ 146.5	\$ 146.5	\$ -	\$ 730.3	\$ 730.3	\$ -	\$ 61.0	\$ 61.0	\$ -
North Carolina	4	374	374	-	\$ 55.3	\$ 55.3	\$ -	\$ 30.9	\$ 30.9	\$ -	\$ 141.2	\$ 141.2	\$ -	\$ 8.1	\$ 8.1	\$ -
North Carolina	5	3,685	2,708	977	\$ 451.2	\$ 323.4	\$ 127.8	\$ 248.4	\$ 184.9	\$ 63.4	\$ 1,230.8	\$ 896.3	\$ 334.5	\$ 82.8	\$ 62.6	\$ 20.3
North Carolina	6	370	370	-	\$ 53.9	\$ 53.9	\$ -	\$ 30.4	\$ 30.4	\$ -	\$ 124.3	\$ 124.3	\$ -	\$ 7.6	\$ 7.6	\$ -
North Carolina	7	1,247	1,247	-	\$ 156.5	\$ 156.5	\$ -	\$ 91.3	\$ 91.3	\$ -	\$ 443.0	\$ 443.0	\$ -	\$ 31.5	\$ 31.5	\$ -
North Carolina	8	1,124	1,124	-	\$ 136.0	\$ 136.0	\$ -	\$ 82.6	\$ 82.6	\$ -	\$ 385.3	\$ 385.3	\$ -	\$ 26.6	\$ 26.6	\$ -
North Carolina	9	865	865	-	\$ 107.5	\$ 107.5	\$ -	\$ 60.8	\$ 60.8	\$ -	\$ 360.8	\$ 360.8	\$ -	\$ 18.8	\$ 18.8	\$ -
North Carolina	10	1,300	924	376	\$ 176.0	\$ 122.6	\$ 53.4	\$ 98.1	\$ 70.5	\$ 27.6	\$ 448.1	\$ 315.7	\$ 132.3	\$ 34.7	\$ 19.8	\$ 14.8
North Carolina	11	195	195	-	\$ 23.3	\$ 23.3	\$ -	\$ 13.5	\$ 13.5	\$ -	\$ 59.5	\$ 59.5	\$ -	\$ 4.2	\$ 4.2	\$ -
North Carolina	12	63	63	-	\$ 12.0	\$ 12.0	\$ -	\$ 6.6	\$ 6.6	\$ -	\$ 37.4	\$ 37.4	\$ -	\$ 1.7	\$ 1.7	\$ -

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
North Carolina	13	554	354	200	\$ 95.1	\$ 59.5	\$ 35.5	\$ 45.8	\$ 30.9	\$ 14.9	\$ 287.2	\$ 184.4	\$ 102.8	\$ 16.3	\$ 8.4	\$ 7.9
North Carolina	14	426	275	151	\$ 87.7	\$ 54.1	\$ 33.6	\$ 45.7	\$ 29.9	\$ 15.8	\$ 195.7	\$ 125.7	\$ 70.1	\$ 14.0	\$ 6.5	\$ 7.5
North Dakota	1	1,972	1,972	-	\$ 228.5	\$ 228.5	\$ -	\$ 145.6	\$ 145.6	\$ -	\$ 672.5	\$ 672.5	\$ -	\$ 28.1	\$ 28.1	\$ -
Ohio	1	1,530	1,368	162	\$ 266.8	\$ 234.3	\$ 32.5	\$ 140.9	\$ 126.0	\$ 14.9	\$ 647.9	\$ 576.6	\$ 71.4	\$ 37.6	\$ 35.0	\$ 2.7
Ohio	2	1,230	1,230	-	\$ 127.3	\$ 127.3	\$ -	\$ 73.2	\$ 73.2	\$ -	\$ 354.0	\$ 354.0	\$ -	\$ 29.4	\$ 29.4	\$ -
Ohio	3	70	70	-	\$ 12.6	\$ 12.6	\$ -	\$ 6.4	\$ 6.4	\$ -	\$ 34.7	\$ 34.7	\$ -	\$ 1.9	\$ 1.9	\$ -
Ohio	4	4,034	2,923	1,111	\$ 475.0	\$ 321.8	\$ 153.2	\$ 265.8	\$ 191.3	\$ 74.5	\$ 1,269.5	\$ 897.4	\$ 372.2	\$ 111.4	\$ 72.5	\$ 38.9
Ohio	5	8,870	8,262	608	\$ 1,031.4	\$ 947.2	\$ 84.2	\$ 588.9	\$ 548.2	\$ 40.7	\$ 2,980.2	\$ 2,763.7	\$ 216.5	\$ 234.9	\$ 213.2	\$ 21.7
Ohio	6	1,296	815	481	\$ 154.6	\$ 89.5	\$ 65.1	\$ 77.2	\$ 47.9	\$ 29.3	\$ 425.1	\$ 260.9	\$ 164.3	\$ 28.1	\$ 18.3	\$ 9.8
Ohio	7	1,696	962	734	\$ 275.7	\$ 138.6	\$ 137.1	\$ 138.6	\$ 77.7	\$ 60.9	\$ 736.8	\$ 407.4	\$ 329.4	\$ 44.4	\$ 25.5	\$ 18.9
Ohio	8	1,734	1,487	247	\$ 218.2	\$ 182.5	\$ 35.7	\$ 123.7	\$ 105.8	\$ 18.0	\$ 602.1	\$ 507.5	\$ 94.7	\$ 43.2	\$ 36.5	\$ 6.7
Ohio	9	3,476	1,444	2,032	\$ 458.1	\$ 169.9	\$ 288.2	\$ 242.4	\$ 97.4	\$ 145.0	\$ 1,108.8	\$ 442.5	\$ 666.3	\$ 98.3	\$ 35.6	\$ 62.7
Ohio	10	1,575	1,575	-	\$ 202.2	\$ 202.2	\$ -	\$ 112.9	\$ 112.9	\$ -	\$ 507.8	\$ 507.8	\$ -	\$ 37.6	\$ 37.6	\$ -
Ohio	11	135	135	-	\$ 26.4	\$ 26.4	\$ -	\$ 13.8	\$ 13.8	\$ -	\$ 70.1	\$ 70.1	\$ -	\$ 3.6	\$ 3.6	\$ -
Ohio	12	4,384	2,762	1,622	\$ 468.9	\$ 262.8	\$ 206.1	\$ 239.7	\$ 144.6	\$ 95.1	\$ 1,313.5	\$ 793.6	\$ 519.9	\$ 109.6	\$ 60.7	\$ 48.9
Ohio	13	385	385	-	\$ 56.7	\$ 56.7	\$ -	\$ 31.5	\$ 31.5	\$ -	\$ 135.0	\$ 135.0	\$ -	\$ 9.1	\$ 9.1	\$ -
Ohio	14	813	754	59	\$ 83.3	\$ 76.6	\$ 6.7	\$ 43.3	\$ 40.1	\$ 3.2	\$ 218.4	\$ 201.0	\$ 17.4	\$ 15.1	\$ 14.2	\$ 0.9
Ohio	15	1,023	403	620	\$ 158.2	\$ 48.9	\$ 109.3	\$ 80.4	\$ 30.8	\$ 49.6	\$ 467.9	\$ 169.9	\$ 297.9	\$ 37.6	\$ 11.8	\$ 25.8
Oklahoma	1	364	364	-	\$ 67.5	\$ 67.5	\$ -	\$ 31.8	\$ 31.8	\$ -	\$ 119.1	\$ 119.1	\$ -	\$ 7.5	\$ 7.5	\$ -
Oklahoma	2	2,699	2,301	398	\$ 309.0	\$ 264.0	\$ 45.1	\$ 149.3	\$ 128.7	\$ 20.6	\$ 813.4	\$ 695.3	\$ 118.1	\$ 39.4	\$ 32.5	\$ 7.0
Oklahoma	3	10,797	6,112	4,684	\$ 1,047.5	\$ 554.9	\$ 492.6	\$ 737.7	\$ 431.6	\$ 306.1	\$ 3,647.6	\$ 2,025.7	\$ 1,622.0	\$ 138.0	\$ 42.4	\$ 95.6
Oklahoma	4	2,879	1,939	940	\$ 324.2	\$ 217.4	\$ 106.8	\$ 161.9	\$ 110.7	\$ 51.2	\$ 840.9	\$ 565.7	\$ 275.1	\$ 40.2	\$ 23.7	\$ 16.5
Oklahoma	5	2,857	360	2,497	\$ 489.0	\$ 59.2	\$ 429.8	\$ 230.9	\$ 27.5	\$ 203.4	\$ 1,013.7	\$ 134.9	\$ 878.9	\$ 58.2	\$ 5.6	\$ 52.6
Oregon	1	173	110	63	\$ 29.2	\$ 18.6	\$ 10.6	\$ 16.3	\$ 10.7	\$ 5.6	\$ 79.0	\$ 49.6	\$ 29.5	\$ 5.3	\$ 2.6	\$ 2.7
Oregon	2	2,027	1,634	393	\$ 214.1	\$ 168.7	\$ 45.5	\$ 143.6	\$ 116.5	\$ 27.1	\$ 585.4	\$ 465.2	\$ 120.2	\$ 48.7	\$ 45.6	\$ 3.2
Oregon	3	308	308	-	\$ 48.1	\$ 48.1	\$ -	\$ 26.7	\$ 26.7	\$ -	\$ 134.9	\$ 134.9	\$ -	\$ 6.5	\$ 6.5	\$ -
Oregon	4	570	498	72	\$ 69.0	\$ 59.8	\$ 9.2	\$ 38.6	\$ 33.7	\$ 4.9	\$ 168.9	\$ 147.6	\$ 21.3	\$ 12.9	\$ 10.0	\$ 2.9
Oregon	5	1,009	782	226	\$ 141.3	\$ 109.5	\$ 31.8	\$ 78.5	\$ 62.1	\$ 16.4	\$ 409.2	\$ 315.7	\$ 93.5	\$ 24.4	\$ 14.3	\$ 10.1
Oregon	6	429	429	-	\$ 61.0	\$ 61.0	\$ -	\$ 34.3	\$ 34.3	\$ -	\$ 191.2	\$ 191.2	\$ -	\$ 10.4	\$ 10.4	\$ -
Pennsylvania	1	1,252	477	776	\$ 193.9	\$ 71.3	\$ 122.6	\$ 105.6	\$ 41.6	\$ 64.0	\$ 532.0	\$ 202.0	\$ 329.9	\$ 34.8	\$ 14.1	\$ 20.7

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Pennsylvania	2	229	78	152	\$ 40.5	\$ 12.8	\$ 27.7	\$ 21.4	\$ 7.5	\$ 13.9	\$ 130.9	\$ 44.5	\$ 86.4	\$ 7.3	\$ 2.7	\$ 4.6
Pennsylvania	3	19	6	12	\$ 4.2	\$ 1.2	\$ 3.0	\$ 2.1	\$ 0.7	\$ 1.3	\$ 13.4	\$ 4.8	\$ 8.5	\$ 0.6	\$ 0.2	\$ 0.4
Pennsylvania	4	528	-	528	\$ 100.1	\$ -	\$ 100.1	\$ 48.2	\$ -	\$ 48.2	\$ 279.0	\$ -	\$ 279.0	\$ 14.5	\$ -	\$ 14.5
Pennsylvania	5	107	58	48	\$ 18.9	\$ 10.0	\$ 9.0	\$ 10.0	\$ 5.7	\$ 4.4	\$ 53.7	\$ 29.9	\$ 23.8	\$ 3.5	\$ 2.0	\$ 1.5
Pennsylvania	6	608	413	195	\$ 102.1	\$ 67.6	\$ 34.5	\$ 61.9	\$ 42.8	\$ 19.2	\$ 258.4	\$ 175.2	\$ 83.2	\$ 18.8	\$ 13.0	\$ 5.8
Pennsylvania	7	8,411	919	7,492	\$ 1,258.8	\$ 129.0	\$ 1,129.7	\$ 686.0	\$ 75.4	\$ 610.6	\$ 2,858.2	\$ 315.1	\$ 2,543.0	\$ 250.1	\$ 28.8	\$ 221.3
Pennsylvania	8	1,771	169	1,602	\$ 230.4	\$ 20.6	\$ 209.8	\$ 121.4	\$ 11.8	\$ 109.6	\$ 618.6	\$ 58.9	\$ 559.7	\$ 47.9	\$ 5.1	\$ 42.8
Pennsylvania	9	9,285	4,931	4,354	\$ 1,137.1	\$ 575.6	\$ 561.4	\$ 634.5	\$ 340.5	\$ 294.0	\$ 3,387.5	\$ 1,764.4	\$ 1,623.1	\$ 229.4	\$ 123.2	\$ 106.2
Pennsylvania	10	3,683	1,613	2,070	\$ 531.6	\$ 226.7	\$ 304.9	\$ 300.3	\$ 134.2	\$ 166.2	\$ 1,367.1	\$ 596.2	\$ 771.0	\$ 94.6	\$ 42.3	\$ 52.3
Pennsylvania	11	4,371	3,284	1,087	\$ 562.0	\$ 417.0	\$ 145.0	\$ 329.1	\$ 249.0	\$ 80.0	\$ 1,503.5	\$ 1,115.4	\$ 388.2	\$ 115.9	\$ 88.0	\$ 27.9
Pennsylvania	12	61	61	-	\$ 10.0	\$ 10.0	\$ -	\$ 5.8	\$ 5.8	\$ -	\$ 35.6	\$ 35.6	\$ -	\$ 1.9	\$ 1.9	\$ -
Pennsylvania	13	5,251	5,251	-	\$ 614.4	\$ 614.4	\$ -	\$ 382.2	\$ 382.2	\$ -	\$ 1,704.7	\$ 1,704.7	\$ -	\$ 132.0	\$ 132.0	\$ -
Pennsylvania	14	305	305	-	\$ 34.6	\$ 34.6	\$ -	\$ 20.6	\$ 20.6	\$ -	\$ 95.0	\$ 95.0	\$ -	\$ 6.9	\$ 6.9	\$ -
Pennsylvania	15	4,165	2,278	1,887	\$ 457.5	\$ 243.0	\$ 214.5	\$ 264.0	\$ 147.4	\$ 116.6	\$ 1,358.4	\$ 732.2	\$ 626.3	\$ 91.5	\$ 49.9	\$ 41.5
Pennsylvania	16	4,042	1,361	2,681	\$ 463.2	\$ 153.1	\$ 310.1	\$ 259.2	\$ 88.9	\$ 170.3	\$ 1,220.6	\$ 398.5	\$ 822.1	\$ 95.9	\$ 32.8	\$ 63.1
Pennsylvania	17	185	185	-	\$ 28.4	\$ 28.4	\$ -	\$ 16.9	\$ 16.9	\$ -	\$ 90.3	\$ 90.3	\$ -	\$ 5.6	\$ 5.6	\$ -
Rhode Island	1	88	88	-	\$ 12.0	\$ 12.0	\$ -	\$ 6.7	\$ 6.7	\$ -	\$ 33.1	\$ 33.1	\$ -	\$ 2.9	\$ 2.9	\$ -
Rhode Island	2	134	134	-	\$ 17.4	\$ 17.4	\$ -	\$ 9.8	\$ 9.8	\$ -	\$ 46.0	\$ 46.0	\$ -	\$ 4.3	\$ 4.3	\$ -
South Carolina	1	136	98	38	\$ 16.1	\$ 11.1	\$ 4.9	\$ 8.8	\$ 6.1	\$ 2.6	\$ 46.5	\$ 33.3	\$ 13.2	\$ 3.5	\$ 2.3	\$ 1.1
South Carolina	2	1,312	358	954	\$ 156.1	\$ 37.6	\$ 118.6	\$ 88.8	\$ 21.4	\$ 67.5	\$ 399.9	\$ 110.6	\$ 289.3	\$ 27.7	\$ 9.2	\$ 18.6
South Carolina	3	2,190	153	2,037	\$ 259.0	\$ 17.7	\$ 241.2	\$ 129.0	\$ 8.8	\$ 120.2	\$ 769.1	\$ 57.3	\$ 711.8	\$ 69.9	\$ 3.7	\$ 66.2
South Carolina	4	1,250	697	553	\$ 171.3	\$ 95.3	\$ 76.1	\$ 97.7	\$ 54.0	\$ 43.7	\$ 420.4	\$ 237.2	\$ 183.2	\$ 35.7	\$ 15.3	\$ 20.4
South Carolina	5	1,577	220	1,357	\$ 206.2	\$ 26.8	\$ 179.4	\$ 115.1	\$ 15.0	\$ 100.0	\$ 543.4	\$ 75.3	\$ 468.1	\$ 44.0	\$ 5.8	\$ 38.2
South Carolina	6	2,065	562	1,503	\$ 265.3	\$ 64.1	\$ 201.1	\$ 154.7	\$ 39.2	\$ 115.4	\$ 783.1	\$ 214.1	\$ 568.9	\$ 42.6	\$ 15.7	\$ 26.9
South Carolina	7	558	281	277	\$ 59.9	\$ 30.2	\$ 29.7	\$ 35.0	\$ 17.7	\$ 17.3	\$ 169.3	\$ 84.3	\$ 85.0	\$ 13.3	\$ 7.7	\$ 5.6
South Dakota	1	7,729	4,645	3,084	\$ 925.7	\$ 548.4	\$ 377.3	\$ 570.1	\$ 345.9	\$ 224.2	\$ 2,681.7	\$ 1,617.7	\$ 1,064.0	\$ 153.5	\$ 85.5	\$ 68.0
Tennessee	1	1,622	103	1,519	\$ 217.2	\$ 11.3	\$ 205.9	\$ 105.9	\$ 6.5	\$ 99.4	\$ 501.8	\$ 28.3	\$ 473.5	\$ 50.1	\$ 2.3	\$ 47.8
Tennessee	2	323	323	-	\$ 47.4	\$ 47.4	\$ -	\$ 27.8	\$ 27.8	\$ -	\$ 102.9	\$ 102.9	\$ -	\$ 8.3	\$ 8.3	\$ -
Tennessee	3	866	307	559	\$ 137.1	\$ 42.5	\$ 94.6	\$ 69.0	\$ 24.2	\$ 44.8	\$ 310.5	\$ 102.3	\$ 208.3	\$ 27.8	\$ 7.2	\$ 20.5
Tennessee	4	2,580	2,163	417	\$ 221.4	\$ 174.7	\$ 46.7	\$ 122.9	\$ 101.2	\$ 21.7	\$ 629.3	\$ 510.4	\$ 118.9	\$ 43.3	\$ 38.5	\$ 4.8

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Tennessee	5	2,336	1,593	743	\$ 389.1	\$ 226.1	\$ 163.0	\$ 196.8	\$ 128.0	\$ 68.9	\$ 986.3	\$ 631.9	\$ 354.4	\$ 64.1	\$ 37.1	\$ 27.0
Tennessee	6	1,453	696	757	\$ 177.0	\$ 63.5	\$ 113.5	\$ 84.8	\$ 36.2	\$ 48.6	\$ 462.9	\$ 194.6	\$ 268.3	\$ 26.8	\$ 11.8	\$ 14.9
Tennessee	7	1,965	493	1,472	\$ 296.8	\$ 51.2	\$ 245.6	\$ 142.5	\$ 31.5	\$ 110.9	\$ 743.0	\$ 159.1	\$ 583.9	\$ 32.1	\$ 10.0	\$ 22.1
Tennessee	8	1,229	1,229	-	\$ 114.4	\$ 114.4	\$ -	\$ 72.4	\$ 72.4	\$ -	\$ 383.8	\$ 383.8	\$ -	\$ 29.8	\$ 29.8	\$ -
Tennessee	9	1,406	1,101	305	\$ 267.5	\$ 205.2	\$ 62.3	\$ 146.7	\$ 114.0	\$ 32.7	\$ 619.7	\$ 497.8	\$ 121.9	\$ 38.3	\$ 26.3	\$ 12.0
Texas	1	2,548	1,992	555	\$ 335.0	\$ 261.2	\$ 73.8	\$ 174.4	\$ 137.0	\$ 37.5	\$ 860.1	\$ 678.5	\$ 181.6	\$ 51.2	\$ 40.9	\$ 10.4
Texas	2	8	8	-	\$ 1.7	\$ 1.7	\$ -	\$ 0.8	\$ 0.8	\$ -	\$ 5.8	\$ 5.8	\$ -	\$ 0.2	\$ 0.2	\$ -
Texas	3	743	179	563	\$ 110.3	\$ 21.3	\$ 89.0	\$ 45.9	\$ 9.3	\$ 36.6	\$ 307.1	\$ 71.0	\$ 236.1	\$ 14.0	\$ 2.9	\$ 11.1
Texas	4	1,932	1,676	256	\$ 195.4	\$ 162.9	\$ 32.5	\$ 95.3	\$ 80.0	\$ 15.4	\$ 641.3	\$ 541.8	\$ 99.5	\$ 25.2	\$ 20.5	\$ 4.7
Texas	5	16	16	-	\$ 1.5	\$ 1.5	\$ -	\$ 0.7	\$ 0.7	\$ -	\$ 6.5	\$ 6.5	\$ -	\$ 0.2	\$ 0.2	\$ -
Texas	6	300	141	158	\$ 32.5	\$ 12.8	\$ 19.7	\$ 13.6	\$ 5.5	\$ 8.0	\$ 114.5	\$ 50.2	\$ 64.2	\$ 4.8	\$ 1.6	\$ 3.2
Texas	7	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Texas	8	24	24	-	\$ 4.3	\$ 4.3	\$ -	\$ 2.1	\$ 2.1	\$ -	\$ 14.8	\$ 14.8	\$ -	\$ 0.5	\$ 0.5	\$ -
Texas	9	10	10	-	\$ 1.7	\$ 1.7	\$ -	\$ 0.8	\$ 0.8	\$ -	\$ 7.1	\$ 7.1	\$ -	\$ 0.2	\$ 0.2	\$ -
Texas	10	1,710	1,673	36	\$ 163.8	\$ 159.2	\$ 4.6	\$ 81.6	\$ 79.6	\$ 2.1	\$ 517.5	\$ 505.2	\$ 12.3	\$ 22.2	\$ 21.5	\$ 0.7
Texas	11	2,333	1,796	536	\$ 299.4	\$ 226.0	\$ 73.4	\$ 161.6	\$ 125.6	\$ 36.0	\$ 689.7	\$ 514.9	\$ 174.9	\$ 45.3	\$ 34.5	\$ 10.7
Texas	12	139	139	-	\$ 25.1	\$ 25.1	\$ -	\$ 11.9	\$ 11.9	\$ -	\$ 89.0	\$ 89.0	\$ -	\$ 2.7	\$ 2.7	\$ -
Texas	13	15,971	14,352	1,619	\$ 2,090.6	\$ 1,871.9	\$ 218.7	\$ 1,396.4	\$ 1,258.3	\$ 138.1	\$ 5,805.9	\$ 5,179.4	\$ 626.5	\$ 347.5	\$ 305.4	\$ 42.1
Texas	14	142	142	-	\$ 18.8	\$ 18.8	\$ -	\$ 9.2	\$ 9.2	\$ -	\$ 56.5	\$ 56.5	\$ -	\$ 2.6	\$ 2.6	\$ -
Texas	15	2,227	2,227	-	\$ 192.8	\$ 192.8	\$ -	\$ 115.5	\$ 115.5	\$ -	\$ 618.2	\$ 618.2	\$ -	\$ 30.4	\$ 30.4	\$ -
Texas	16	552	128	424	\$ 77.4	\$ 16.8	\$ 60.7	\$ 37.7	\$ 8.5	\$ 29.3	\$ 192.6	\$ 44.8	\$ 147.7	\$ 9.2	\$ 2.2	\$ 7.0
Texas	17	4,235	3,282	953	\$ 475.6	\$ 355.4	\$ 120.2	\$ 232.5	\$ 176.7	\$ 55.8	\$ 1,334.0	\$ 1,017.3	\$ 316.7	\$ 68.8	\$ 51.0	\$ 17.8
Texas	18	4	-	4	\$ 0.6	\$ -	\$ 0.6	\$ 0.3	\$ -	\$ 0.3	\$ 2.5	\$ -	\$ 2.5	\$ 0.0	\$ -	\$ 0.0
Texas	19	8,928	6,718	2,210	\$ 1,063.2	\$ 792.7	\$ 270.5	\$ 662.5	\$ 499.3	\$ 163.1	\$ 2,661.7	\$ 1,982.6	\$ 679.1	\$ 196.6	\$ 139.2	\$ 57.4
Texas	20	12	12	-	\$ 2.3	\$ 2.3	\$ -	\$ 1.1	\$ 1.1	\$ -	\$ 9.3	\$ 9.3	\$ -	\$ 0.3	\$ 0.3	\$ -
Texas	21	168	142	26	\$ 21.9	\$ 18.4	\$ 3.5	\$ 10.1	\$ 8.6	\$ 1.5	\$ 76.8	\$ 65.6	\$ 11.2	\$ 2.6	\$ 2.2	\$ 0.4
Texas	22	214	214	-	\$ 16.0	\$ 16.0	\$ -	\$ 11.1	\$ 11.1	\$ -	\$ 58.2	\$ 58.2	\$ -	\$ 3.0	\$ 3.0	\$ -
Texas	23	325	325	-	\$ 29.9	\$ 29.9	\$ -	\$ 17.0	\$ 17.0	\$ -	\$ 111.5	\$ 111.5	\$ -	\$ 4.7	\$ 4.7	\$ -
Texas	24	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Texas	25	1,132	1,010	122	\$ 121.4	\$ 107.5	\$ 14.0	\$ 59.3	\$ 53.1	\$ 6.2	\$ 450.8	\$ 401.2	\$ 49.5	\$ 16.0	\$ 14.2	\$ 1.8

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Texas	26	370	321	49	\$ 44.2	\$ 37.8	\$ 6.4	\$ 21.1	\$ 18.2	\$ 3.0	\$ 129.8	\$ 111.6	\$ 18.2	\$ 5.6	\$ 4.7	\$ 0.8
Texas	27	1,524	1,524	-	\$ 143.5	\$ 143.5	\$ -	\$ 69.6	\$ 69.6	\$ -	\$ 396.6	\$ 396.6	\$ -	\$ 22.9	\$ 22.9	\$ -
Texas	28	750	625	125	\$ 88.7	\$ 73.1	\$ 15.6	\$ 44.1	\$ 36.5	\$ 7.6	\$ 272.5	\$ 227.2	\$ 45.3	\$ 11.7	\$ 9.7	\$ 2.0
Texas	29	447	443	4	\$ 98.0	\$ 97.6	\$ 0.5	\$ 48.5	\$ 48.3	\$ 0.2	\$ 387.5	\$ 384.8	\$ 2.8	\$ 11.0	\$ 10.9	\$ 0.0
Texas	30	352	352	-	\$ 73.4	\$ 73.4	\$ -	\$ 36.5	\$ 36.5	\$ -	\$ 272.2	\$ 272.2	\$ -	\$ 8.1	\$ 8.1	\$ -
Texas	31	3,030	1,659	1,370	\$ 289.5	\$ 139.7	\$ 149.8	\$ 131.8	\$ 65.6	\$ 66.2	\$ 829.1	\$ 421.3	\$ 407.8	\$ 47.2	\$ 20.3	\$ 26.9
Texas	32	61	12	49	\$ 14.9	\$ 2.4	\$ 12.5	\$ 5.8	\$ 1.2	\$ 4.6	\$ 49.8	\$ 10.4	\$ 39.4	\$ 1.3	\$ 0.3	\$ 1.0
Texas	33	73	73	-	\$ 14.8	\$ 14.8	\$ -	\$ 6.9	\$ 6.9	\$ -	\$ 53.5	\$ 53.5	\$ -	\$ 1.3	\$ 1.3	\$ -
Texas	34	100	100	-	\$ 9.3	\$ 9.3	\$ -	\$ 6.5	\$ 6.5	\$ -	\$ 28.6	\$ 28.6	\$ -	\$ 1.9	\$ 1.9	\$ -
Texas	35	7	7	-	\$ 1.1	\$ 1.1	\$ -	\$ 0.5	\$ 0.5	\$ -	\$ 3.9	\$ 3.9	\$ -	\$ 0.1	\$ 0.1	\$ -
Texas	36	54	5	49	\$ 11.0	\$ 0.8	\$ 10.2	\$ 4.6	\$ 0.4	\$ 4.3	\$ 35.4	\$ 3.4	\$ 32.1	\$ 1.1	\$ 0.1	\$ 1.0
Texas	37	80	-	80	\$ 17.2	\$ -	\$ 17.2	\$ 8.4	\$ -	\$ 8.4	\$ 35.8	\$ -	\$ 35.8	\$ 1.8	\$ -	\$ 1.8
Texas	38	6	-	6	\$ 0.9	\$ -	\$ 0.9	\$ 0.4	\$ -	\$ 0.4	\$ 3.8	\$ -	\$ 3.8	\$ 0.1	\$ -	\$ 0.1
Utah	1	5,253	2,156	3,097	\$ 614.0	\$ 247.2	\$ 366.8	\$ 358.2	\$ 149.0	\$ 209.2	\$ 1,606.1	\$ 680.8	\$ 925.4	\$ 121.3	\$ 46.1	\$ 75.2
Utah	2	2,120	1,735	386	\$ 257.1	\$ 207.0	\$ 50.1	\$ 155.3	\$ 127.1	\$ 28.2	\$ 707.1	\$ 578.6	\$ 128.5	\$ 43.2	\$ 34.4	\$ 8.8
Utah	3	2,715	426	2,289	\$ 365.2	\$ 53.1	\$ 312.1	\$ 191.9	\$ 29.6	\$ 162.2	\$ 896.9	\$ 151.5	\$ 745.3	\$ 52.5	\$ 8.6	\$ 43.9
Utah	4	3,551	616	2,935	\$ 525.5	\$ 81.3	\$ 444.1	\$ 256.6	\$ 45.6	\$ 211.1	\$ 1,563.3	\$ 279.2	\$ 1,284.2	\$ 98.1	\$ 14.6	\$ 83.5
Vermont	1	5,279	5,120	159	\$ 610.9	\$ 593.4	\$ 17.5	\$ 377.5	\$ 367.1	\$ 10.5	\$ 1,777.3	\$ 1,724.4	\$ 52.9	\$ 115.5	\$ 111.8	\$ 3.7
Virginia	1	324	299	25	\$ 38.8	\$ 35.5	\$ 3.3	\$ 22.3	\$ 20.8	\$ 1.5	\$ 117.2	\$ 107.8	\$ 9.4	\$ 8.5	\$ 8.3	\$ 0.2
Virginia	2	1,593	660	933	\$ 202.7	\$ 81.4	\$ 121.3	\$ 113.2	\$ 51.8	\$ 61.4	\$ 574.5	\$ 244.7	\$ 329.8	\$ 29.3	\$ 20.4	\$ 8.9
Virginia	3	176	176	-	\$ 27.0	\$ 27.0	\$ -	\$ 14.4	\$ 14.4	\$ -	\$ 76.6	\$ 76.6	\$ -	\$ 3.2	\$ 3.2	\$ -
Virginia	4	1,194	383	812	\$ 196.8	\$ 64.3	\$ 132.5	\$ 97.2	\$ 34.8	\$ 62.4	\$ 528.6	\$ 176.6	\$ 352.0	\$ 38.7	\$ 8.6	\$ 30.1
Virginia	5	938	464	475	\$ 124.0	\$ 61.3	\$ 62.7	\$ 62.6	\$ 33.4	\$ 29.3	\$ 334.8	\$ 168.8	\$ 166.1	\$ 27.1	\$ 10.5	\$ 16.6
Virginia	6	5,048	3,689	1,360	\$ 661.8	\$ 480.9	\$ 180.9	\$ 372.6	\$ 284.1	\$ 88.5	\$ 1,693.1	\$ 1,244.9	\$ 448.2	\$ 127.4	\$ 88.3	\$ 39.1
Virginia	7	696	696	-	\$ 70.4	\$ 70.4	\$ -	\$ 40.3	\$ 40.3	\$ -	\$ 227.2	\$ 227.2	\$ -	\$ 16.0	\$ 16.0	\$ -
Virginia	8	20	20	-	\$ 4.0	\$ 4.0	\$ -	\$ 2.1	\$ 2.1	\$ -	\$ 12.5	\$ 12.5	\$ -	\$ 0.5	\$ 0.5	\$ -
Virginia	9	2,849	2,849	-	\$ 304.0	\$ 304.0	\$ -	\$ 158.9	\$ 158.9	\$ -	\$ 928.4	\$ 928.4	\$ -	\$ 58.4	\$ 58.4	\$ -
Virginia	10	71	71	-	\$ 9.5	\$ 9.5	\$ -	\$ 5.3	\$ 5.3	\$ -	\$ 25.4	\$ 25.4	\$ -	\$ 1.7	\$ 1.7	\$ -
Virginia	11	20	20	-	\$ 4.2	\$ 4.2	\$ -	\$ 2.3	\$ 2.3	\$ -	\$ 13.4	\$ 13.4	\$ -	\$ 0.5	\$ 0.5	\$ -
Washington	1	66	-	66	\$ 13.2	\$ -	\$ 13.2	\$ 5.9	\$ -	\$ 5.9	\$ 40.1	\$ -	\$ 40.1	\$ 1.8	\$ -	\$ 1.8

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing

Congressional Level Total Results

State	District	Total AF and PF Jobs	AF Jobs	PF Jobs	Total AF and PF Value Added (\$M)	AF Value Added (\$M)	PF Value Added (\$M)	Total AF and PF Labor Income (\$M)	AF Labor Income (\$M)	PF Labor Income (\$M)	Total AF and PF Output (\$M)	AF Output (\$M)	PF Output (\$M)	Total AF and PF Taxes (\$M)	AF Taxes (\$M)	PF Taxes (\$M)
Washington	2	1,329	634	695	\$ 175.2	\$ 92.0	\$ 83.2	\$ 92.5	\$ 47.1	\$ 45.4	\$ 558.6	\$ 316.8	\$ 241.8	\$ 32.5	\$ 15.4	\$ 17.1
Washington	3	738	239	498	\$ 97.4	\$ 35.2	\$ 62.2	\$ 51.4	\$ 17.9	\$ 33.6	\$ 250.8	\$ 97.5	\$ 153.2	\$ 20.8	\$ 6.7	\$ 14.2
Washington	4	2,029	2,029	-	\$ 253.9	\$ 253.9	\$ -	\$ 153.6	\$ 153.6	\$ -	\$ 683.9	\$ 683.9	\$ -	\$ 48.0	\$ 48.0	\$ -
Washington	5	4,438	3,640	799	\$ 517.7	\$ 432.1	\$ 85.6	\$ 356.3	\$ 298.0	\$ 58.3	\$ 1,278.6	\$ 1,068.1	\$ 210.5	\$ 105.6	\$ 86.9	\$ 18.7
Washington	6	650	406	245	\$ 82.5	\$ 54.1	\$ 28.3	\$ 43.9	\$ 28.4	\$ 15.5	\$ 246.2	\$ 169.3	\$ 76.8	\$ 15.9	\$ 9.7	\$ 6.2
Washington	7	891	349	541	\$ 181.9	\$ 78.9	\$ 103.0	\$ 98.5	\$ 42.2	\$ 56.3	\$ 516.5	\$ 243.7	\$ 272.8	\$ 28.1	\$ 12.0	\$ 16.1
Washington	8	359	145	214	\$ 56.7	\$ 23.7	\$ 33.0	\$ 26.8	\$ 11.5	\$ 15.3	\$ 224.4	\$ 107.4	\$ 117.0	\$ 10.6	\$ 4.8	\$ 5.8
Washington	9	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Washington	10	50	50	-	\$ 8.2	\$ 8.2	\$ -	\$ 4.2	\$ 4.2	\$ -	\$ 24.3	\$ 24.3	\$ -	\$ 1.3	\$ 1.3	\$ -
West Virginia	1	101	101	-	\$ 14.2	\$ 14.2	\$ -	\$ 8.1	\$ 8.1	\$ -	\$ 36.5	\$ 36.5	\$ -	\$ 2.5	\$ 2.5	\$ -
West Virginia	2	954	158	796	\$ 111.5	\$ 16.4	\$ 95.2	\$ 65.4	\$ 9.7	\$ 55.7	\$ 318.2	\$ 51.1	\$ 267.1	\$ 21.7	\$ 3.6	\$ 18.1
Wisconsin	1	986	807	180	\$ 131.2	\$ 106.9	\$ 24.3	\$ 72.4	\$ 59.6	\$ 12.8	\$ 388.2	\$ 319.1	\$ 69.1	\$ 21.4	\$ 17.1	\$ 4.3
Wisconsin	2	2,236	1,979	258	\$ 300.6	\$ 264.9	\$ 35.7	\$ 176.6	\$ 156.4	\$ 20.2	\$ 755.0	\$ 670.1	\$ 84.9	\$ 51.8	\$ 44.4	\$ 7.4
Wisconsin	3	6,429	3,271	3,158	\$ 724.3	\$ 357.9	\$ 366.5	\$ 425.9	\$ 217.0	\$ 208.9	\$ 1,991.1	\$ 1,021.2	\$ 969.9	\$ 148.2	\$ 64.1	\$ 84.1
Wisconsin	4	2,117	368	1,749	\$ 354.6	\$ 53.0	\$ 301.5	\$ 171.4	\$ 29.4	\$ 142.1	\$ 997.6	\$ 205.1	\$ 792.5	\$ 37.6	\$ 7.6	\$ 30.0
Wisconsin	5	4,032	1,753	2,278	\$ 549.3	\$ 217.4	\$ 331.9	\$ 280.4	\$ 116.7	\$ 163.7	\$ 1,531.8	\$ 676.3	\$ 855.5	\$ 95.6	\$ 35.7	\$ 59.9
Wisconsin	6	4,830	2,721	2,109	\$ 558.0	\$ 306.6	\$ 251.4	\$ 333.3	\$ 189.1	\$ 144.2	\$ 1,588.7	\$ 904.6	\$ 684.1	\$ 110.6	\$ 54.8	\$ 55.8
Wisconsin	7	2,458	1,845	613	\$ 260.4	\$ 193.6	\$ 66.7	\$ 164.5	\$ 124.2	\$ 40.3	\$ 735.8	\$ 556.8	\$ 179.1	\$ 53.8	\$ 37.5	\$ 16.3
Wisconsin	8	7,654	6,286	1,367	\$ 914.3	\$ 740.2	\$ 174.1	\$ 578.1	\$ 475.1	\$ 103.0	\$ 2,425.6	\$ 1,996.4	\$ 429.2	\$ 164.6	\$ 133.9	\$ 30.6
Wyoming	1	463	463	-	\$ 48.0	\$ 48.0	\$ -	\$ 30.9	\$ 30.9	\$ -	\$ 148.2	\$ 148.2	\$ -	\$ 5.3	\$ 5.3	\$ -

AF: Animal Feed Manufacturing; PF: Pet Food Manufacturing