

STATE OF ORIGIN FOR USDA FOODS IN FISCAL YEAR 2017

Background

The U.S. Department of Agriculture (USDA), Food and Nutrition Service's (FNS) Food Distribution Programs provide food and nutrition assistance to schoolchildren and families and support American agriculture by distributing high-quality, 100-percent American-grown USDA Foods.

This report analyzes State-of-origin data for fiscal year (FY) 2017, which captures the quantity and dollar value of USDA Foods purchased from each State. The State of origin indicates where the product was packed, but may not identify where the product was grown or raised.

FNS works with USDA's Agricultural Marketing Service to procure foods, including meat, poultry, fish, fruits, vegetables, grains, and dairy products, through a competitive procurement process. Following procurement, organizations such as food banks, emergency feeding organizations, Indian Tribal Organizations, schools, and other feeding organizations receive these USDA Foods for use in meal service or distribution to households, increasing access to nutritious foods.

USDA offers a variety of food options to these organizations. The organizations choose what to order based on several factors, including recipients' preferences, storage and distribution capacity, and program requirements. Orders are filled through a competitive procurement process.

In FY 2017, USDA purchased over 2 billion pounds of food, at a cost of nearly \$2 billion. This included minimally processed food products such as ground beef, frozen carrots, and fresh apples; products used in further processed foods such as whole chicken and flour; as well as ready-to-eat food products like cereal, crackers, and cheese.¹

¹ Note that these data do not include USDA Department of Defense Fresh Fruit and Vegetable Program purchases.

Data and Methods

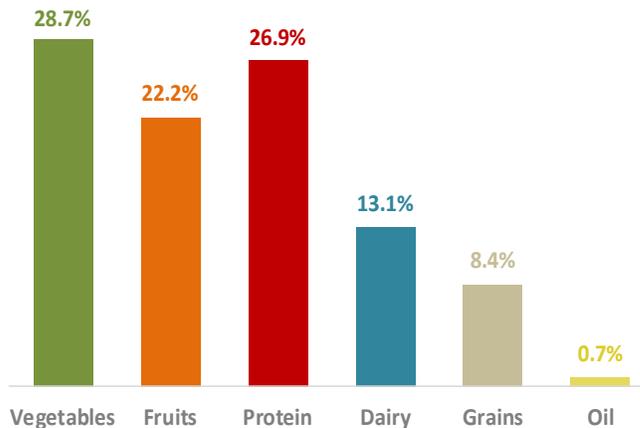
This analysis uses purchase data from the USDA Web Based Supply Chain Management (WBSCM) System² to calculate the USDA Foods total dollar value and total pounds purchased by State of origin. Additional information about each food includes the product name, type, weight in pounds, and cost in dollars. The report categorizes and summarizes the data to determine the distribution by food group (protein foods, fruits, vegetables, dairy, grains, and oils).

Food categorization used in the analysis follows the conventions developed in the USDA Food Patterns.³ Protein foods (seafood, meats, poultry, eggs, soy products, nuts, and seeds) are referred to as protein, while legumes are categorized as vegetables.

This FY 2017 report continues to use the methodology from the previous report, but also includes a new analysis of USDA Foods in USDA Child Nutrition Programs.

Results

Figure 1. Percentage of USDA Foods Purchased by Food Group (Pounds Purchased) in Fiscal Year 2017



² Available online at <https://www.ams.usda.gov/selling-food/wbscm>

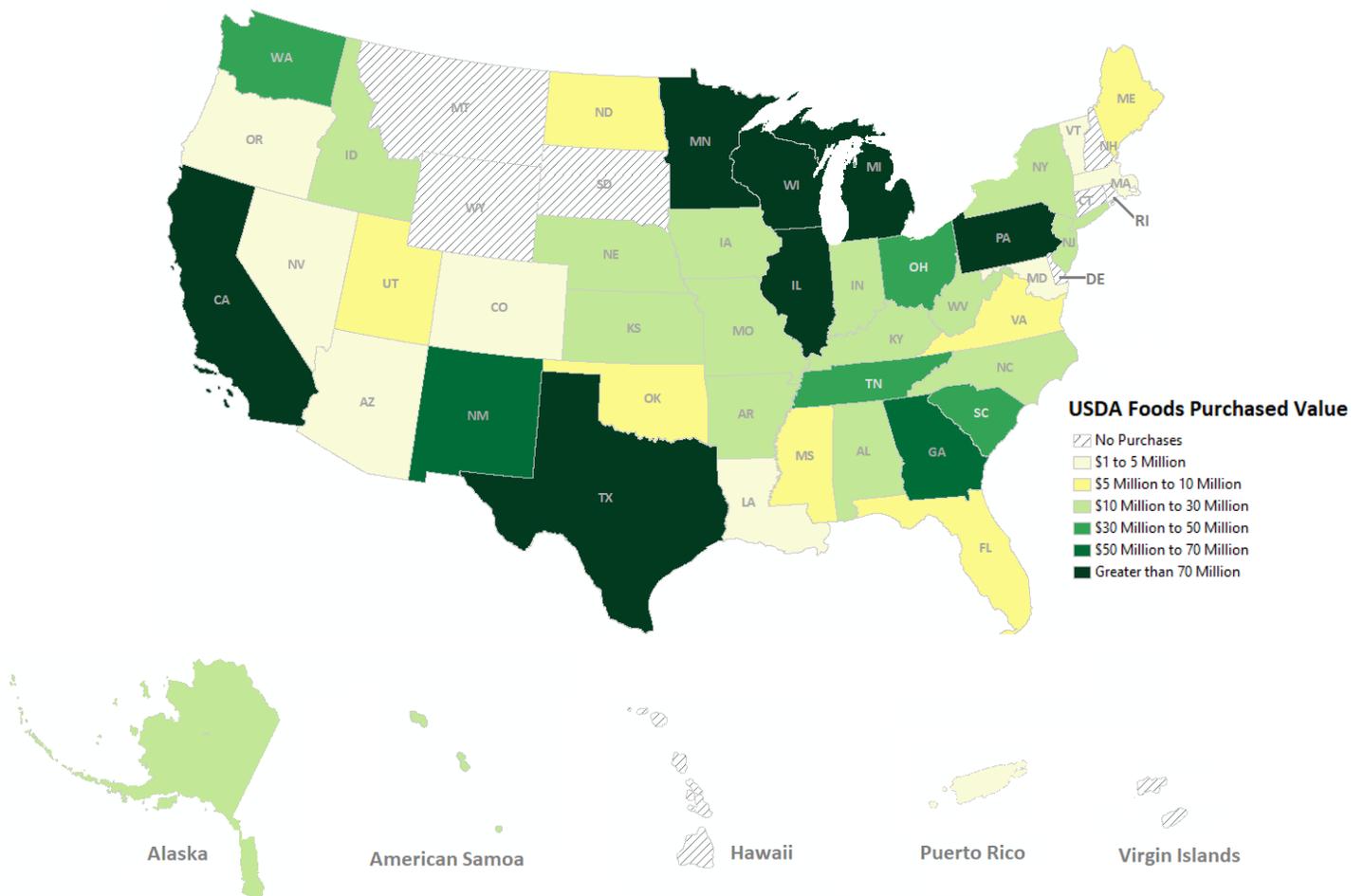
³ Available online at <https://www.fns.usda.gov/usda-food-patterns>

Vegetables and fruits combined, including fresh, frozen, or canned options, accounted for half (50.9 percent) of USDA Foods pounds purchased in FY 2017. Protein foods represented an additional 29.9 percent of USDA Foods purchased. The remaining 22.2 percent of pounds purchased were represented by dairy, grains, and oils combined.

represent States with lower total purchases from that State. USDA Foods were not purchased from 10 States or U.S. Territories, (Connecticut, District of Columbia, Delaware, Hawaii, Montana, New Hampshire, Rhode Island, South Dakota, Virgin Islands or Wyoming.), as represented by the hash lines on the map in Figure 2.

Figure 2 provides FY 2017 USDA Foods purchases, by State of origin. Darker green colors indicate States with higher total dollar values of USDA Foods purchased from the State, while lighter yellow colors

Figure 2. Value of USDA Foods Purchased by State of Origin, Fiscal Year 2017



**Table 1. Pounds, Value, and Value Per Capita of USDA Foods Purchased
By State of Origin in Fiscal Year 2017**

State*	USDA Foods Purchased Volume in Pounds	USDA Foods Purchased in Dollars	2017 State Population Estimates (Thousands)**	USDA Foods Purchased Per Capita
Alaska	8,318,568	\$14,458,569	740	\$19.54
Alabama	19,607,000	\$27,403,418	4,875	\$5.62
Arkansas	41,339,404	\$22,214,633	3,004	\$7.39
American Samoa	8,392,997	\$18,507,680	56	\$332.75
Arizona	8,678,172	\$4,313,705	7,016	\$0.61
California	360,337,997	\$407,988,827	39,537	\$10.32
Colorado	4,413,440	\$1,577,675	5,607	\$0.28
Florida	10,178,119	\$6,181,981	20,984	\$0.29
Georgia	41,726,456	\$61,728,795	10,429	\$5.92
Iowa	19,517,070	\$18,877,264	\$3,146	\$6.00
Idaho	34,756,711	\$16,031,291	1,717	\$9.34
Illinois	74,543,910	\$137,912,308	12,802	\$10.77
Indiana	55,572,591	\$27,179,772	6,667	\$4.08
Kansas	34,930,400	\$23,285,410	2,913	\$7.99
Kentucky	18,548,120	\$20,521,381	4,454	\$4.61
Louisiana	4,914,000	\$1,529,976	4,684	\$0.33
Massachusetts	2,641,580	\$1,414,583	6,860	\$0.21
Maryland	2,511,765	\$1,084,220	6,052	\$0.18
Maine	53,668,933	\$9,769,887	1,336	\$7.31
Michigan	240,632,537	\$105,628,983	9,962	\$10.60
Minnesota	170,962,138	\$225,251,521	5,577	\$40.39
Missouri	16,432,080	\$14,278,395	6,114	\$2.34
Mississippi	1,230,000	\$5,473,420	2,984	\$1.83
North Carolina	27,236,176	\$26,307,173	10,273	\$2.56
North Dakota	16,059,588	\$9,251,825	755	\$12.25
Nebraska	11,167,920	\$10,618,256	1,920	\$5.53
New Jersey	18,408,947	\$10,966,577	9,006	\$1.22
New Mexico	39,796,306	\$66,857,081	2,088	\$32.02
Nevada	1,552,745	\$1,428,174	2,998	\$0.48
New York	35,237,236	\$19,149,217	19,849	\$0.96
Ohio	33,205,888	\$47,657,296	11,659	\$4.09
Oklahoma	9,178,120	\$9,441,710	3,931	\$2.40
Oregon	6,965,130	\$4,786,307	4,143	\$1.16
Pennsylvania	176,294,502	\$155,641,606	12,806	\$12.15
Puerto Rico	696,600	\$281,736	3,337	\$0.08
South Carolina	59,981,717	\$47,711,737	5,024	\$9.50
Tennessee	26,879,040	\$32,587,252	6,716	\$4.85
Texas	59,923,268	\$86,158,543	28,305	\$3.04
Utah	26,037,248	\$8,544,207	3,102	\$2.75
Virginia	8,154,218	\$7,454,531	8,470	\$0.88
Vermont	41,868	\$50,662	624	\$0.08
Washington	109,022,972	\$42,659,964	7,406	\$5.76
Wisconsin	173,810,510	\$90,401,729	5,795	\$15.60
West Virginia	13,572,000	\$11,770,956	1,816	\$6.48
	2,087,075,984	\$1,862,340,230	317,538	\$5.86 ***

* No USDA Foods were purchased from Connecticut, District of Columbia, Delaware, Hawaii, Montana, New Hampshire, Rhode Island, South Dakota, Virgin Islands or Wyoming.

**2017 Census Population Estimates by State, https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-total.html#par_textimage_1574439295
American Samoa Population Estimate 2017 World Bank <https://data.worldbank.org/indicator/SP.POP.TOTL?locations=AS> .

***National Per Capita Rate excludes States with no products purchased.

USDA Foods Purchased for Use in Child Nutrition Programs

The preceding section includes analysis of USDA Foods purchased and used in all FNS Food Distribution Programs. In addition, this report includes an analysis of USDA Foods that were purchased and used in FNS Child Nutrition (CN) programs. Child Nutrition Programs include the National School Lunch Program (NSLP), the Summer Food Service Program (SFSP), and the Child and Adult Care Food Program (CACFP).

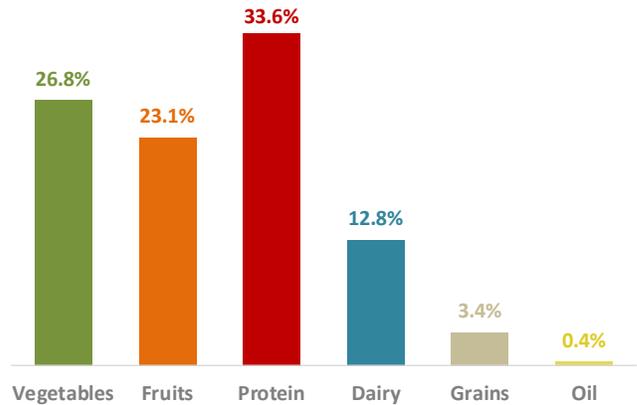
In FY 2017, 73 percent of the total value of USDA Foods purchased were used in CN programs, while other FNS programs accounted for just 27 percent of the total value.

Protein foods, including meat, poultry, fish, eggs, nuts and seeds used in CN programs, accounted for the largest proportion (nearly 34 percent) of USDA

Figure 4 shows the dollar value of USDA Foods purchased by the State of origin for food items used in CN programs only. Because CN programs are a subset of all FNS programs, the value of purchases is lower than values shown in Figure 2 for all FNS programs. Figure 4 also identifies States, such as Nevada and Puerto Rico that had no USDA Foods purchased for CN programs, indicated with the diagonal hash marks. These two States did have

Foods pounds purchased in FY 2017. Vegetables and fruits represented the second and third largest shares of USDA Foods pounds purchased, together accounting for half of USDA Foods purchased for use in CN programs.

Figure 3. Percentage of USDA Foods Purchased by Food Category (Pounds Purchased) in Fiscal Year 2017 in CN Programs



USDA Food purchases for FNS programs other than CN programs (Figure 2).

Table 3 presents each State's total volume and dollar value of USDA Foods purchased for use in CN programs in FY 2017. The 2017 State population estimates (column 4) are included in the table, which were used to calculate USDA Foods purchased per capita in each State, shown in the last column.

Figure 4. Value of USDA Foods Purchased for Child Nutrition Programs, by State of Origin, Fiscal Year 2017

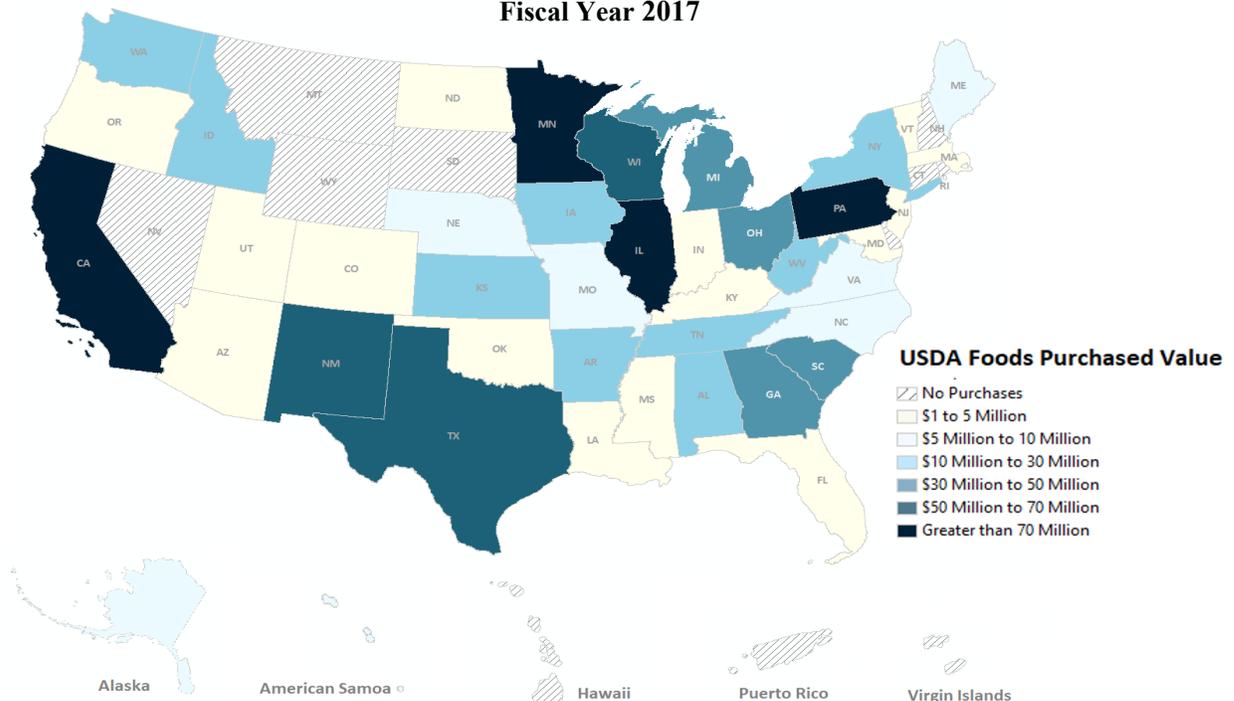


Table 3. Pounds, Value, and Value Per Capita of USDA Foods Used in Child Nutrition Programs Purchased By State of Origin in Fiscal Year 2017

State*	USDA Foods Purchased Volume in Pounds	USDA Foods Purchased in Dollars	2017 State Population Estimates (Thousands)**	USDA Foods Purchased Per Capita
Alaska	4,870,000	\$7,346,824	740	\$9.93
Alabama	19,606,400	\$27,402,011	4,875	\$5.62
Arkansas	15,022,354	\$11,987,262	3,004	\$3.99
American Samoa	2,334,197	\$5,276,959	56	\$94.88
Arizona	538,560	\$510,187	7,016	\$0.07
California	282,296,047	\$358,581,270	39,537	\$9.07
Colorado	120,000	\$31,088	5,607	\$0.01
Florida	5,362,347	\$3,516,324	20,984	\$0.17
Georgia	25,446,934	\$36,873,937	10,429	\$3.54
Iowa	16,173,780	\$13,577,490	3,146	\$4.32
Idaho	26,295,521	\$10,268,756	1,717	\$5.98
Illinois	47,289,196	\$105,613,613	12,802	\$8.25
Indiana	15,149,391	\$4,875,722	6,667	\$0.73
Kansas	9,462,480	\$13,289,104	2,913	\$4.56
Kentucky	3,372,838	\$3,520,782	4,454	\$0.79
Louisiana	210,000	\$49,350	4,684	\$0.01
Massachusetts	1,078,920	\$666,328	6,860	\$0.10
Maryland	110,880	\$87,826	6,052	\$0.01
Maine	53,668,933	\$9,769,887	1,336	\$7.31
Michigan	106,238,941	\$47,184,623	9,962	\$4.74
Minnesota	110,489,034	\$169,802,154	5,577	\$30.45
Missouri	6,855,600	\$9,763,626	6,114	\$1.60
Mississippi	1,040,000	\$4,702,400	2,984	\$1.58
North Carolina	11,893,126	\$8,111,393	10,273	\$0.79
North Dakota	5,439,260	\$3,333,264	755	\$4.41
Nebraska	4,878,000	\$7,251,264	1,920	\$3.78
New Jersey	4,751,480	\$2,718,624	9,006	\$0.30
New Mexico	39,796,864	\$64,760,826	2,088	\$31.01
New York	25,310,545	\$12,595,828	19,849	\$0.63
Ohio	20,020,288	\$36,224,442	11,659	\$3.11
Oklahoma	2,719,800	\$2,129,689	3,931	\$0.54
Oregon	5,550,300	\$3,483,060	4,143	\$0.84
Pennsylvania	159,813,754	\$143,955,434	12,806	\$11.24
South Carolina	49,278,192	\$42,058,521	5,024	\$8.37
Tennessee	13,136,400	\$13,714,958	6,716	\$2.04
Texas	33,923,296	\$68,784,623	28,305	\$2.43
Utah	2,752,497	\$990,116	3,102	\$0.32
Virginia	6,836,408	\$6,731,893	8,470	\$0.79
Vermont	41,868	\$50,662	624	\$0.08
Washington	93,386,434	\$27,603,530	7,406	\$3.73
Wisconsin	123,409,260	\$66,984,468	5,795	\$11.56
West Virginia	13,428,000	\$11,637,036	1,816	\$6.41
	1,369,398,123	\$1,367,817,156	311,203	\$4.40

* No USDA Foods used in Child Nutrition Programs were purchased from Connecticut, District of Columbia, Delaware, Hawaii, Montana, New Hampshire, Nevada, Puerto Rico, Rhode Island, South Dakota, Virgin Islands or Wyoming.

**2017 Census Population Estimates by State, https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-total.html#par_textimage_1574439295
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