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Farm Production Expenditures 2024 Summary

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2024 United States Total Farm Production Expenditure Highlights

Farm production expenditures in the United States are estimated at \$477.6 billion for 2024, down from \$481.9 billion in 2023. The 2024 total farm production expenditures are down 0.9 percent compared with 2023 total farm production expenditures.

The four largest expenditures at the United States level total \$230.0 billion and account for 48.1 percent of total expenditures in 2024. These include feed, 15.3 percent, farm services, 11.6 percent, labor, 10.8 percent, and livestock, poultry, and related expenses, 10.4 percent.

In 2024, the United States total farm expenditure average per farm is \$254,043, down 0.4 percent from \$255,047 in 2023. On average, United States farm operations spent \$38,883 on feed, \$29,415 on farm services, \$27,553 on labor, and \$26,489 on livestock, poultry, and related expenses. and. For 2023, United States farms spent an average of \$42,340 on feed, \$28,844 on farm services, \$29,479 on livestock, poultry, and related expenses, and \$25,669 on labor.

Total fuel expense is \$15.4 billion. Diesel, the largest sub-component, is \$9.9 billion, accounting for 64.3 percent. Diesel expenditures are down 9.1 percent from the previous year. Gasoline is \$2.8 billion, down 1.1 percent. LP gas is \$1.7 billion, down 3.9 percent. Other fuel is \$1 billion, unchanged.

The United States economic sales class contributing most to the 2024 United States total expenditures is the \$1,000,000 to \$4,999,999 class, with expenses of \$175 billion, 36.6 percent of the United States total, up 1.6 percent from the 2023 level of \$172.0 billion. The next highest is the \$5,000,000 and over class with \$137.9 billion, down 6.5 percent from \$147.6 billion in 2023.

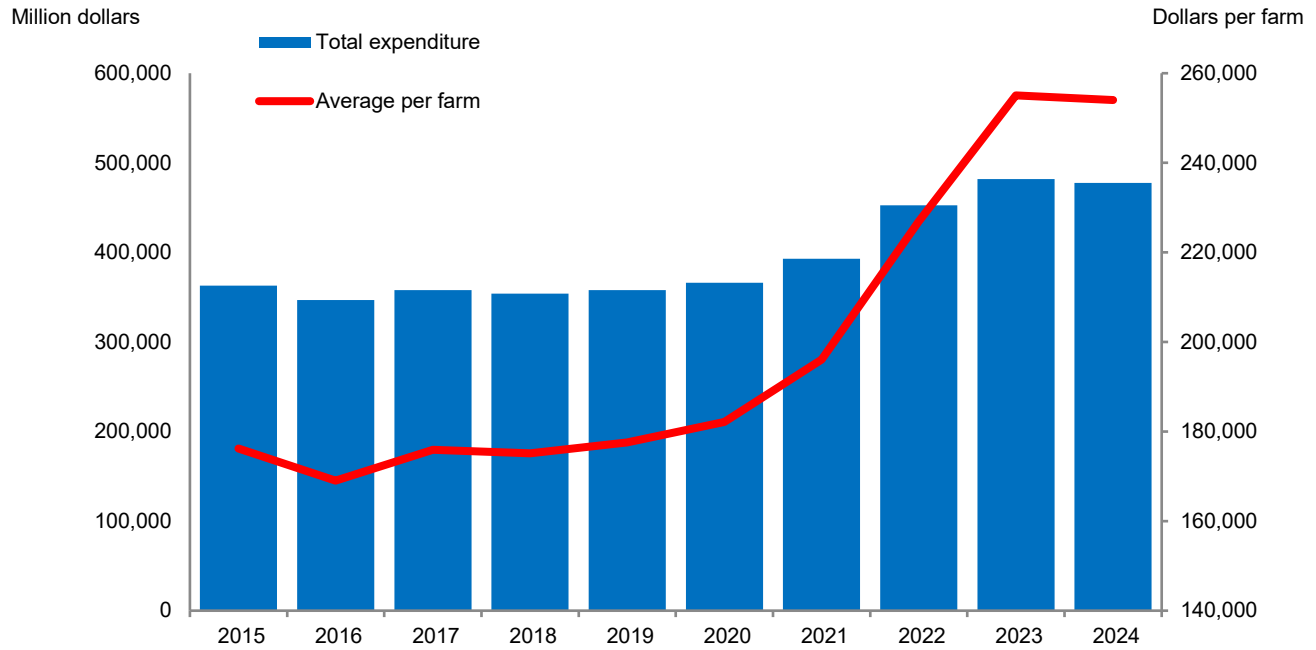
In 2024, crop farms expenditures decreased to \$252.3 billion, down 0.1 percent, while livestock farms expenditures decreased to \$225.3 billion, down 1.8 percent. The largest expenditures for crop farms are labor at \$38.0 billion (15.1 percent), farm services at \$32.8 billion (13.0 percent), fertilizer, lime, and soil conditioners at \$28.4 billion (11.3 percent), and rent at \$30.3 billion (12.0 percent). Combined crop inputs (chemicals, fertilizers, and seeds) are \$72.2 billion, accounting for 28.6 percent of crop farms total expenses. The largest expenditures for livestock farms are feed at \$71.0 billion (31.5 percent of total), livestock, poultry, and related expenses at \$47.8 billion (21.2 percent), and farm services at \$22.5 billion (10.0 percent). Together, these line items account for 62.7 percent of livestock farms total expenses. The average total expenditure for a crop farm is \$291,330 compared to \$222,195 per livestock farm.

The Midwest region contributed the most to United States total expenditures with expenses of \$149.1 billion (31.2 percent), down from \$151.2 billion in 2023. Other regions, ranked by total expenditures, are the Plains at \$111.6 billion (23.4 percent), West at \$107.5 billion (22.5 percent), Atlantic at \$58.3 billion (12.2 percent), and South at \$51.0 billion (10.7 percent).

Combined total expenditures for the 15 estimate states is \$311.4 billion in 2024 (65.2 percent of the United States total expenditures) and \$322.9 billion in 2023 (67.0 percent). California contributed most to the 2024 United States total expenditures, with expenses of \$48.6 billion, (10.2 percent). California expenditures are down 7.9 percent from the 2023 estimate of \$52.7 billion. Iowa, the next leading state, has \$35.8 billion in expenses, (7.5 percent). Other states with more than \$24 billion in total expenditures are Nebraska with \$30.4 billion, and Texas with \$26.5 billion.

For further information on USDA farm expenditures, please visit https://www.nass.usda.gov/Statistics_by_Subject/Economics_and_Prices/index.php

Farm Production Expenditures, Total, and Average Per Farm by Year – United States: 2015-2024



Farm Production Expenditures by Expenditure Category and Percent of Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	2023		2024	
	(million dollars)	(percent)	(million dollars)	(percent)
Livestock, poultry, and related expenses	55,700	11.6	49,800	10.4
Feed	80,000	16.6	73,100	15.3
Farm services	54,500	11.3	55,300	11.6
Rent	34,800	7.2	36,200	7.6
Agricultural chemicals	21,600	4.5	21,700	4.5
Fertilizer, lime, and soil conditioners	35,800	7.4	33,800	7.1
Interest	11,600	2.4	12,800	2.7
Taxes	16,000	3.3	16,900	3.5
Labor	48,500	10.1	51,800	10.8
Fuel	16,500	3.4	15,400	3.2
Farm supplies and repairs	24,100	5.0	24,000	5.0
Farm improvements and construction	20,200	4.2	21,200	4.4
Tractors and self-propelled farm machinery	18,900	3.9	21,000	4.4
Other farm machinery	8,600	1.8	8,300	1.7
Seeds and plants	27,300	5.7	27,400	5.7
Trucks and autos	5,700	1.2	6,600	1.4
Miscellaneous capital expenses	2,100	0.4	2,300	0.5
Total farm production expenditures	481,900	100.0	477,600	100.0

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	23.3	25.0	29,479	26,489	55,700	49,800
Feed	57.0	53.2	42,340	38,883	80,000	73,100
Farm services	90.7	88.1	28,844	29,415	54,500	55,300
Rent	28.2	26.9	18,418	19,255	34,800	36,200
Agricultural chemicals	42.7	40.5	11,432	11,543	21,600	21,700
Fertilizer, lime, and soil conditioners	46.7	49.8	18,947	17,979	35,800	33,800
Interest	27.8	26.3	6,139	6,809	11,600	12,800
Taxes	99.7	99.9	8,468	8,989	16,000	16,900
Labor	24.7	23.1	25,669	27,553	48,500	51,800
Fuel	82.9	82.8	8,733	8,191	16,500	15,400
Farm supplies and repairs	79.2	78.7	12,755	12,766	24,100	24,000
Farm improvements and construction	48.2	48.0	10,691	11,277	20,200	21,200
Tractors and self-propelled farm machinery	13.8	14.3	10,003	11,170	18,900	21,000
Other farm machinery	13.0	14.1	4,552	4,415	8,600	8,300
Seeds and plants	38.1	38.5	14,449	14,574	27,300	27,400
Trucks and autos	11.4	11.8	3,017	3,511	5,700	6,600
Miscellaneous capital expenses	9.3	10.1	1,111	1,223	2,100	2,300
Total farm production expenditures	100.0	100.0	255,047	254,043	481,900	477,600

Farm Production Expenditures by Year – United States: 2020-2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024.]

Expenditure	2020	2021	2022	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	39,600	42,400	45,000	55,700	49,800
Feed	56,800	65,200	83,600	80,000	73,100
Farm services	44,700	45,000	49,200	54,500	55,300
Rent	30,100	32,000	32,200	34,800	36,200
Agricultural chemicals	16,500	17,800	21,400	21,600	21,700
Fertilizer, lime, and soil conditioners	24,400	29,500	36,600	35,800	33,800
Interest	9,900	8,700	9,000	11,600	12,800
Taxes	14,100	14,700	15,700	16,000	16,900
Labor	36,700	36,800	42,100	48,500	51,800
Fuel	11,100	12,900	17,500	16,500	15,400
Farm supplies and repairs	19,400	20,200	21,900	24,100	24,000
Farm improvements and construction	14,400	14,500	19,200	20,200	21,200
Tractors and self-propelled farm machinery	13,700	17,600	18,700	18,900	21,000
Other farm machinery	6,000	7,000	7,900	8,600	8,300
Seeds and plants	23,000	22,300	25,000	27,300	27,400
Trucks and autos	5,100	5,200	5,900	5,700	6,600
Miscellaneous capital expenses	700	1,100	1,600	2,100	2,300
Total farm production expenditures	366,200	392,900	452,500	481,900	477,600

Farm Production Expenditures by Percent of Total – United States: 2020-2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024.]

Expenditure	2020	2021	2022	2023	2024
	(percent)	(percent)	(percent)	(percent)	(percent)
Livestock, poultry, and related expenses	10.8	10.8	9.9	11.6	10.4
Feed	15.5	16.6	18.5	16.6	15.3
Farm services	12.2	11.5	10.9	11.3	11.6
Rent	8.2	8.1	7.1	7.2	7.6
Agricultural chemicals	4.5	4.5	4.7	4.5	4.5
Fertilizer, lime, and soil conditioners	6.7	7.5	8.1	7.4	7.1
Interest	2.7	2.2	2.0	2.4	2.7
Taxes	3.9	3.7	3.5	3.3	3.5
Labor	10.0	9.4	9.3	10.1	10.8
Fuel	3.0	3.3	3.9	3.4	3.2
Farm supplies and repairs	5.3	5.1	4.8	5.0	5.0
Farm improvements and construction	3.9	3.7	4.2	4.2	4.4
Tractors and self-propelled farm machinery	3.7	4.5	4.1	3.9	4.4
Other farm machinery	1.6	1.8	1.7	1.8	1.7
Seeds and plants	6.3	5.7	5.5	5.7	5.7
Trucks and autos	1.4	1.3	1.3	1.2	1.4
Miscellaneous capital expenses	0.2	0.3	0.4	0.4	0.5
Total farm production expenditures	100.0	100.0	100.0	100.0	100.0

Crop Farms Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	9.8	8.9	2,479	2,309	2,100	2,000
Feed	18.0	16.2	2,715	2,425	2,300	2,100
Farm services	87.6	84.0	37,887	37,874	32,100	32,800
Rent	32.1	29.9	35,054	34,987	29,700	30,300
Agricultural chemicals	54.8	51.1	22,897	22,401	19,400	19,400
Fertilizer, lime, and soil conditioners	60.0	59.1	36,588	32,793	31,000	28,400
Interest	28.8	27.9	7,672	8,429	6,500	7,300
Taxes	99.9	100.0	11,803	11,893	10,000	10,300
Labor	27.1	24.6	42,608	43,879	36,100	38,000
Fuel	80.0	79.6	12,393	10,970	10,500	9,500
Farm supplies and repairs	77.8	73.8	17,586	16,166	14,900	14,000
Farm improvements and construction	43.4	42.7	12,629	11,662	10,700	10,100
Tractors and self-propelled farm machinery	15.7	14.3	15,225	15,935	12,900	13,800
Other farm machinery	15.0	13.7	6,728	6,351	5,700	5,500
Seeds and plants	55.6	53.2	29,153	28,175	24,700	24,400
Trucks and autos	12.0	10.9	3,659	4,041	3,100	3,500
Miscellaneous capital expenses	7.5	8.2	944	1,039	800	900
Total farm production expenditures	100.0	100.0	298,017	291,330	252,500	252,300

Livestock Farms Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	34.2	38.9	51,430	47,141	53,600	47,800
Feed	88.6	84.7	74,554	70,022	77,700	71,000
Farm services	93.1	91.6	21,493	22,190	22,400	22,500
Rent	25.0	24.4	4,894	5,819	5,100	5,900
Agricultural chemicals	32.9	31.5	2,111	2,268	2,200	2,300
Fertilizer, lime, and soil conditioners	36.0	41.8	4,606	5,326	4,800	5,400
Interest	26.9	25.0	4,894	5,424	5,100	5,500
Taxes	99.6	99.8	5,757	6,509	6,000	6,600
Labor	22.8	21.9	11,898	13,610	12,400	13,800
Fuel	85.2	85.5	5,757	5,819	6,000	5,900
Farm supplies and repairs	80.4	82.8	8,828	9,862	9,200	10,000
Farm improvements and construction	52.1	52.6	9,115	10,947	9,500	11,100
Tractors and self-propelled farm machinery	12.3	14.4	5,757	7,101	6,000	7,200
Other farm machinery	11.4	14.5	2,783	2,761	2,900	2,800
Seeds and plants	23.9	25.9	2,495	2,959	2,600	3,000
Trucks and autos	11.0	12.5	2,495	3,057	2,600	3,100
Miscellaneous capital expenses	10.7	11.7	1,247	1,381	1,300	1,400
Total farm production expenditures	100.0	100.0	220,113	222,195	229,400	225,300

Farm Production Expenditures, Economic Class Gross Sales, by Percent of Total, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Economic Class	Percent of total		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Less than \$10,000	3.4	3.8	17,816	20,277	16,220	18,330
\$10,000 - \$49,999	4.2	4.2	46,081	47,637	20,020	20,040
\$50,000 - \$99,999	3.3	3.6	104,348	107,849	15,960	17,120
\$100,000 - \$249,999	5.0	5.1	190,374	193,789	23,890	24,210
\$250,000 - \$499,999	7.4	7.2	409,249	393,407	35,630	34,250
\$500,000 - \$999,999	10.5	10.7	723,492	731,974	50,630	50,960
\$1,000,000 - \$4,999,999	35.7	36.6	1,782,442	1,715,450	171,970	174,770
\$5,000,000 and over	30.6	28.9	11,675,633	10,528,244	147,580	137,920
Total farm production expenditures	100.0	100.0	255,047	254,043	481,900	477,600

Farm Production Expenditures, Economic Class Gross Sales of Less than \$10,000 by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	14.4	16.5	341	442	310	400
Feed	56.8	51.1	1,823	1,836	1,660	1,660
Farm services	84.2	79.5	2,493	2,489	2,270	2,250
Rent	9.8	6.6	231	277	210	250
Agricultural chemicals	23.0	19.9	154	155	140	140
Fertilizer, lime, and soil conditioners	24.3	29.5	450	542	410	490
Interest	12.9	13.1	791	863	720	780
Taxes	99.5	99.9	2,790	2,998	2,540	2,710
Labor	13.8	10.3	417	586	380	530
Fuel	73.1	72.5	967	918	880	830
Farm supplies and repairs	68.1	66.5	1,439	1,482	1,310	1,340
Farm improvements and construction	39.7	38.7	2,318	3,296	2,110	2,980
Tractors and self-propelled farm machinery	8.4	9.0	1,516	1,836	1,380	1,660
Other farm machinery	6.1	7.8	384	487	350	440
Seeds and plants	18.9	19.9	231	265	210	240
Trucks and autos	7.3	6.8	956	1,173	870	1,060
Miscellaneous capital expenses	7.3	7.2	516	631	470	570
Total farm production expenditures	100.0	100.0	17,816	20,277	16,220	18,330

Farm Production Expenditures, Economic Class Gross Sales of \$10,000-\$49,999 by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	24.2	26.4	1,588	1,830	690	770
Feed	63.3	59.2	4,327	3,685	1,880	1,550
Farm services	92.8	91.5	5,777	5,634	2,510	2,370
Rent	24.1	24.2	1,174	1,141	510	480
Agricultural chemicals	40.4	38.8	875	784	380	330
Fertilizer, lime, and soil conditioners	50.7	52.6	2,555	2,377	1,110	1,000
Interest	25.7	20.9	1,680	1,593	730	670
Taxes	99.7	100.0	4,327	4,493	1,880	1,890
Labor	18.3	18.3	1,749	2,187	760	920
Fuel	86.8	86.9	2,532	2,353	1,100	990
Farm supplies and repairs	82.3	83.9	3,637	3,756	1,580	1,580
Farm improvements and construction	49.0	50.1	6,123	6,585	2,660	2,770
Tractors and self-propelled farm machinery	12.5	13.4	4,396	4,921	1,910	2,070
Other farm machinery	12.6	13.1	1,519	1,355	660	570
Seeds and plants	33.7	36.0	1,013	1,141	440	480
Trucks and autos	9.9	11.0	1,818	2,567	790	1,080
Miscellaneous capital expenses	8.1	10.6	990	1,236	430	520
Total farm production expenditures	100.0	100.0	46,081	47,637	20,020	20,040

Farm Production Expenditures, Economic Class Gross Sales of \$50,000-\$99,999 by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	28.7	28.0	4,381	3,969	670	630
Feed	55.2	54.4	6,669	7,119	1,020	1,130
Farm services	99.5	98.6	13,599	13,985	2,080	2,220
Rent	45.5	45.6	5,361	5,355	820	850
Agricultural chemicals	60.6	62.9	4,184	4,095	640	650
Fertilizer, lime, and soil conditioners	69.2	71.4	8,826	8,189	1,350	1,300
Interest	32.7	32.4	3,138	3,339	480	530
Taxes	100.0	100.0	6,996	6,741	1,070	1,070
Labor	32.1	29.2	9,807	5,922	1,500	940
Fuel	90.5	91.7	5,100	5,166	780	820
Farm supplies and repairs	89.6	89.4	8,238	7,623	1,260	1,210
Farm improvements and construction	53.4	52.6	8,826	11,528	1,350	1,830
Tractors and self-propelled farm machinery	17.1	19.7	6,603	10,079	1,010	1,600
Other farm machinery	12.7	19.6	2,092	3,591	320	570
Seeds and plants	57.8	53.3	5,950	5,292	910	840
Trucks and autos	15.3	17.1	3,596	4,284	550	680
Miscellaneous capital expenses	9.3	15.1	981	1,575	150	250
Total farm production expenditures	100.0	100.0	104,348	107,849	15,960	17,120

Farm Production Expenditures, Economic Class Gross Sales of \$100,000-\$249,999 by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	34.7	38.3	7,969	10,806	1,000	1,350
Feed	52.9	50.5	12,750	11,526	1,600	1,440
Farm services	99.8	99.7	27,094	25,134	3,400	3,140
Rent	57.8	56.5	12,272	13,207	1,540	1,650
Agricultural chemicals	79.2	71.5	9,802	10,326	1,230	1,290
Fertilizer, lime, and soil conditioners	84.1	81.9	17,850	17,690	2,240	2,210
Interest	46.7	45.2	5,419	6,484	680	810
Taxes	100.0	99.7	11,395	10,646	1,430	1,330
Labor	37.7	38.0	11,634	13,207	1,460	1,650
Fuel	96.2	96.1	9,563	8,725	1,200	1,090
Farm supplies and repairs	96.2	93.7	13,228	14,408	1,660	1,800
Farm improvements and construction	56.1	55.7	15,061	13,367	1,890	1,670
Tractors and self-propelled farm machinery	19.5	19.5	10,838	12,407	1,360	1,550
Other farm machinery	23.7	21.9	5,738	6,163	720	770
Seeds and plants	75.0	70.7	12,909	12,247	1,620	1,530
Trucks and autos	15.3	17.3	4,463	5,443	560	680
Miscellaneous capital expenses	13.8	13.0	2,391	2,001	300	250
Total farm production expenditures	100.0	100.0	190,374	193,789	23,890	24,210

Farm Production Expenditures, Economic Class Gross Sales of \$250,000-\$499,999 by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	39.0	39.5	24,006	21,939	2,090	1,910
Feed	47.4	50.0	32,506	29,175	2,830	2,540
Farm services	100.0	100.0	50,998	50,770	4,440	4,420
Rent	71.4	70.0	35,837	35,263	3,120	3,070
Agricultural chemicals	84.2	82.4	25,040	23,777	2,180	2,070
Fertilizer, lime, and soil conditioners	88.1	88.4	41,235	39,054	3,590	3,400
Interest	66.4	59.2	13,783	12,405	1,200	1,080
Taxes	100.0	100.0	16,770	18,148	1,460	1,580
Labor	45.8	45.8	31,012	33,425	2,700	2,910
Fuel	98.4	99.0	16,999	16,540	1,480	1,440
Farm supplies and repairs	97.8	97.2	27,567	28,601	2,400	2,490
Farm improvements and construction	61.9	63.3	22,398	17,689	1,950	1,540
Tractors and self-propelled farm machinery	24.3	20.7	19,641	18,838	1,710	1,640
Other farm machinery	30.7	25.2	12,175	8,959	1,060	780
Seeds and plants	84.6	81.7	29,289	29,520	2,550	2,570
Trucks and autos	19.8	19.8	7,351	7,122	640	620
Miscellaneous capital expenses	15.7	12.9	2,642	2,182	230	190
Total farm production expenditures	100.0	100.0	409,249	393,407	35,630	34,250

Farm Production Expenditures, Economic Class Gross Sales of \$500,000-\$999,999 by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	43.0	43.3	53,444	52,284	3,740	3,640
Feed	49.6	49.6	70,163	62,913	4,910	4,380
Farm services	100.0	100.0	78,594	84,746	5,500	5,900
Rent	13.8	77.3	88,597	80,437	6,200	5,600
Agricultural chemicals	84.4	84.6	48,871	47,687	3,420	3,320
Fertilizer, lime, and soil conditioners	88.6	86.1	78,594	77,564	5,500	5,400
Interest	69.8	65.3	21,435	22,551	1,500	1,570
Taxes	100.0	100.0	25,865	26,716	1,810	1,860
Labor	60.2	60.8	50,014	53,864	3,500	3,750
Fuel	99.6	99.0	28,865	27,722	2,020	1,930
Farm supplies and repairs	97.9	97.2	41,298	41,224	2,890	2,870
Farm improvements and construction	68.6	65.7	22,292	29,589	1,560	2,060
Tractors and self-propelled farm machinery	28.1	27.8	32,581	39,500	2,280	2,750
Other farm machinery	32.1	32.2	16,290	15,082	1,140	1,050
Seeds and plants	82.5	82.4	53,873	58,029	3,770	4,040
Trucks and autos	24.8	20.9	10,003	9,767	700	680
Miscellaneous capital expenses	17.6	14.5	2,715	2,298	190	160
Total farm production expenditures	100.0	100.0	723,492	731,974	50,630	50,960

Farm Production Expenditures, Economic Class Gross Sales of \$1,000,000-\$4,999,999 by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	48.3	46.5	182,421	161,955	17,600	16,500
Feed	52.0	52.8	346,186	283,667	33,400	28,900
Farm services	100.0	100.0	185,531	186,494	17,900	19,000
Rent	73.7	75.9	165,837	170,789	16,000	17,400
Agricultural chemicals	89.3	85.7	97,430	93,247	9,400	9,500
Fertilizer, lime, and soil conditioners	84.1	82.7	154,436	141,343	14,900	14,400
Interest	72.5	73.0	40,527	46,722	3,910	4,760
Taxes	99.9	99.9	41,978	45,053	4,050	4,590
Labor	75.0	75.4	152,363	168,826	14,700	17,200
Fuel	99.7	99.4	58,043	52,022	5,600	5,300
Farm supplies and repairs	99.2	98.4	74,627	79,505	7,200	8,100
Farm improvements and construction	74.9	76.5	49,129	50,059	4,740	5,100
Tractors and self-propelled farm machinery	34.5	32.7	72,554	75,579	7,000	7,700
Other farm machinery	34.6	32.5	32,857	31,900	3,170	3,250
Seeds and plants	80.5	78.9	112,977	111,896	10,900	11,400
Trucks and autos	26.6	27.4	12,852	13,545	1,240	1,380
Miscellaneous capital expenses	13.9	14.9	2,695	2,846	260	290
Total farm production expenditures	100.0	100.0	1,782,442	1,715,450	171,970	174,770

Farm Production Expenditures, Economic Class Gross Sales of \$5,000,000 and Over by Farms Reporting, Average per Farm, and Total – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	41.0	48.7	2,341,772	1,877,863	29,600	24,600
Feed	52.3	56.1	2,587,025	2,404,580	32,700	31,500
Farm services	100.0	100.0	1,297,468	1,221,374	16,400	16,000
Rent	68.2	70.3	506,329	526,718	6,400	6,900
Agricultural chemicals	88.2	86.2	333,070	335,878	4,210	4,400
Fertilizer, lime, and soil conditioners	81.9	83.8	530,063	427,481	6,700	5,600
Interest	77.4	72.7	188,291	198,473	2,380	2,600
Taxes	100.0	100.0	139,241	142,748	1,760	1,870
Labor	91.9	95.5	1,859,177	1,824,427	23,500	23,900
Fuel	99.6	99.4	272,152	229,008	3,440	3,000
Farm supplies and repairs	99.1	99.9	458,861	351,908	5,800	4,610
Farm improvements and construction	82.6	81.0	311,709	248,092	3,940	3,250
Tractors and self-propelled farm machinery	41.5	42.2	178,006	154,962	2,250	2,030
Other farm machinery	37.1	33.1	93,354	66,412	1,180	870
Seeds and plants	82.1	78.2	545,886	480,916	6,900	6,300
Trucks and autos	33.6	38.6	27,690	32,061	350	420
Miscellaneous capital expenses	20.3	19.9	5,538	5,344	70	70
Total farm production expenditures	100.0	100.0	11,675,633	10,528,244	147,580	137,920

Fuel Production Expenditure Sub-Components by Type of Farm, Economic Class, and Region – United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024.]

Type of farm	Fuel production expenditure									
	Total		Diesel		Gasoline		LP gas		Other fuel	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Crop farms	10,500	9,500	7,300	6,400	1,600	1,620	900	760	700	720
Livestock farms	6,000	5,900	3,600	3,500	1,200	1,150	900	970	300	280

Economic class	Fuel production expenditure									
	Total		Diesel		Gasoline		LP gas		Other fuel	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Less than \$10,000	880	830	480	490	300	270	80	50	20	20
\$10,000 - \$49,999	1,100	990	730	640	270	270	80	50	20	30
\$50,000 - \$99,999	780	820	510	540	170	200	60	60	40	20
\$100,000 - \$249,999	1,200	1,090	780	750	270	240	100	80	50	20
\$250,000 - \$499,999	1,480	1,440	1,030	970	250	260	150	170	50	40
\$500,000 - \$999,999	2,020	1,930	1,450	1,340	290	320	200	210	80	60
\$1,000,000 - \$4,999,999	5,600	5,300	3,710	3,480	760	780	830	720	300	320
\$5,000,000 and over	3,440	3,000	2,210	1,690	490	430	300	390	440	490

Region	Fuel production expenditure									
	Total		Diesel		Gasoline		LP gas		Other fuel	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Atlantic	2,300	2,100	1,340	1,200	380	370	300	315	280	215
South	1,900	1,900	1,250	1,170	310	400	280	235	60	95
Midwest	5,100	4,600	3,380	3,000	700	610	800	750	220	240
Plains	3,700	3,600	2,660	2,480	650	670	220	225	170	225
West	3,500	3,200	2,270	2,050	760	720	200	205	270	225
United States	16,500	15,400	10,900	9,900	2,800	2,770	1,800	1,730	1,000	1,000

Farm Production Expenditures – Region, State, and United States: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Total farm production expenditures		Livestock, poultry, and related expenses			
	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic						
North Carolina	13,840	13,585	2,450	2,450	17.7	18.0
Other States	46,090	44,735	3,300	2,650	7.2	5.9
Total	59,930	58,320	5,750	5,100	9.6	8.7
South						
Arkansas	10,570	10,250	1,260	1,080	11.9	10.5
Florida	8,710	10,150	120	170	1.4	1.7
Georgia	10,890	10,110	2,040	1,330	18.7	13.2
Other States	19,860	20,520	2,170	1,920	10.9	9.4
Total	50,030	51,030	5,590	4,500	11.2	8.8
Midwest						
Illinois	23,120	22,310	970	780	4.2	3.5
Indiana	13,695	14,240	900	740	6.6	5.2
Iowa	37,900	35,810	5,000	4,310	13.2	12.0
Minnesota	25,035	23,770	1,860	2,200	7.4	9.3
Missouri	14,135	13,880	1,060	1,290	7.5	9.3
Wisconsin	14,610	14,300	740	680	5.1	4.8
Other States	22,715	24,790	1,230	1,300	5.4	5.2
Total	151,210	149,100	11,760	11,300	7.8	7.6
Plains						
Kansas	24,160	22,920	9,190	7,910	38.0	34.5
Nebraska	28,465	30,400	7,590	8,450	26.7	27.8
Texas	30,610	26,540	8,600	4,500	28.1	17.0
Other States	30,495	31,770	2,140	2,340	7.0	7.4
Total	113,730	111,630	27,520	23,200	24.2	20.8
West						
California	52,735	48,560	980	840	1.9	1.7
Washington	14,410	14,610	760	850	5.3	5.8
Other States	39,855	44,350	3,340	4,010	8.4	9.0
Total	107,000	107,520	5,080	5,700	4.7	5.3
United States	481,900	477,600	55,700	49,800	11.6	10.4

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Farm Production Expenditures – Region, State, and United States: 2023 and 2024 (continued)

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Feed				Farm services			
	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	5,260	4,420	38.0	32.5	1,050	1,200	7.6	8.8
Other States	9,640	8,430	20.9	18.8	5,050	5,400	11.0	12.1
Total	14,900	12,850	24.9	22.0	6,100	6,600	10.2	11.3
South								
Arkansas	3,170	2,650	30.0	25.9	810	930	7.7	9.1
Florida	420	580	4.8	5.7	1,080	1,350	12.4	13.3
Georgia	3,310	2,800	30.4	27.7	1,110	1,170	10.2	11.6
Other States	5,800	4,920	29.2	24.0	2,100	2,550	10.6	12.4
Total	12,700	10,950	25.4	21.5	5,100	6,000	10.2	11.8
Midwest								
Illinois	1,130	610	4.9	2.7	1,840	2,000	8.0	9.0
Indiana	1,560	1,790	11.4	12.6	1,260	1,220	9.2	8.6
Iowa	8,040	7,230	21.2	20.2	3,240	3,160	8.5	8.8
Minnesota	4,480	3,920	17.9	16.5	2,240	2,330	8.9	9.8
Missouri	1,960	1,890	13.9	13.6	1,160	1,090	8.2	7.9
Wisconsin	2,950	2,910	20.2	20.3	1,980	1,820	13.6	12.7
Other States	2,880	3,450	12.7	13.9	2,680	2,530	11.8	10.2
Total	23,000	21,800	15.2	14.6	14,400	14,150	9.5	9.5
Plains								
Kansas	3,470	2,750	14.4	12.0	2,000	1,740	8.3	7.6
Nebraska	3,450	3,980	12.1	13.1	2,340	2,400	8.2	7.9
Texas	5,250	4,130	17.2	15.6	3,170	2,710	10.4	10.2
Other States	2,630	2,440	8.6	7.7	3,190	3,400	10.5	10.7
Total	14,800	13,300	13.0	11.9	10,700	10,250	9.4	9.2
West								
California	4,940	5,540	9.4	11.4	10,640	10,120	20.2	20.8
Washington	1,230	1,120	8.5	7.7	2,360	2,520	16.4	17.2
Other States	8,430	7,540	21.2	17.0	5,200	5,660	13.0	12.8
Total	14,600	14,200	13.6	13.2	18,200	18,300	17.0	17.0
United States	80,000	73,100	16.6	15.3	54,500	55,300	11.3	11.6

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Farm Production Expenditures – Region, State, and United States: 2023 and 2024 (continued)

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Rent				Agricultural chemicals			
	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	300	300	2.2	2.2	410	450	3.0	3.3
Other States	1,700	1,650	3.7	3.7	1,290	1,350	2.8	3.0
Total	2,000	1,950	3.3	3.3	1,700	1,800	2.8	3.1
South								
Arkansas	930	1,090	8.8	10.6	700	590	6.6	5.8
Florida	210	260	2.4	2.6	460	460	5.3	4.5
Georgia	260	340	2.4	3.4	370	440	3.4	4.4
Other States	1,100	1,110	5.5	5.4	970	910	4.9	4.4
Total	2,500	2,800	5.0	5.5	2,500	2,400	5.0	4.7
Midwest								
Illinois	4,280	4,170	18.5	18.7	2,080	2,120	9.0	9.5
Indiana	1,600	1,880	11.7	13.2	880	900	6.4	6.3
Iowa	4,370	4,620	11.5	12.9	1,950	1,670	5.1	4.7
Minnesota	2,710	2,540	10.8	10.7	1,130	1,050	4.5	4.4
Missouri	1,550	1,450	11.0	10.4	800	770	5.7	5.5
Wisconsin	690	610	4.7	4.3	480	400	3.3	2.8
Other States	1,800	1,730	7.9	7.0	1,080	1,190	4.8	4.8
Total	17,000	17,000	11.2	11.4	8,400	8,100	5.6	5.4
Plains								
Kansas	1,320	1,570	5.5	6.8	990	1,060	4.1	4.6
Nebraska	2,740	2,790	9.6	9.2	1,300	1,190	4.6	3.9
Texas	1,110	1,120	3.6	4.2	570	600	1.9	2.3
Other States	3,330	3,270	10.9	10.3	1,940	2,050	6.4	6.5
Total	8,500	8,750	7.5	7.8	4,800	4,900	4.2	4.4
West								
California	2,270	2,230	4.3	4.6	2,290	2,310	4.3	4.8
Washington	730	720	5.1	4.9	620	720	4.3	4.9
Other States	1,800	2,750	4.5	6.2	1,290	1,470	3.2	3.3
Total	4,800	5,700	4.5	5.3	4,200	4,500	3.9	4.2
United States	34,800	36,200	7.2	7.6	21,600	21,700	4.5	4.5

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Farm Production Expenditures – Region, State, and United States: 2023 and 2024 (continued)

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Fertilizer, lime, and soil conditioners				Interest			
	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	640	530	4.6	3.9	250	230	1.8	1.7
Other States	2,560	2,770	5.6	6.2	1,150	1,270	2.5	2.8
Total	3,200	3,300	5.3	5.7	1,400	1,500	2.3	2.6
South								
Arkansas	630	590	6.0	5.8	185	220	1.8	2.1
Florida	580	640	6.7	6.3	150	180	1.7	1.8
Georgia	490	540	4.5	5.3	155	180	1.4	1.8
Other States	1,200	1,030	6.0	5.0	310	370	1.6	1.8
Total	2,900	2,800	5.8	5.5	800	950	1.6	1.9
Midwest								
Illinois	3,090	2,780	13.4	12.5	580	620	2.5	2.8
Indiana	1,700	1,600	12.4	11.2	420	430	3.1	3.0
Iowa	3,280	2,950	8.7	8.2	900	890	2.4	2.5
Minnesota	2,300	2,090	9.2	8.8	800	940	3.2	4.0
Missouri	1,520	1,430	10.8	10.3	450	510	3.2	3.7
Wisconsin	1,110	1,000	7.6	7.0	470	510	3.2	3.6
Other States	2,000	1,900	8.8	7.7	580	700	2.6	2.8
Total	15,000	13,750	9.9	9.2	4,200	4,600	2.8	3.1
Plains								
Kansas	1,600	1,490	6.6	6.5	360	440	1.5	1.9
Nebraska	2,230	2,050	7.8	6.7	540	670	1.9	2.2
Texas	1,370	1,300	4.5	4.9	580	510	1.9	1.9
Other States	3,500	3,260	11.5	10.3	920	1,130	3.0	3.6
Total	8,700	8,100	7.6	7.3	2,400	2,750	2.1	2.5
West								
California	3,160	2,430	6.0	5.0	1,340	1,330	2.5	2.7
Washington	670	750	4.6	5.1	240	290	1.7	2.0
Other States	2,170	2,670	5.4	6.0	1,220	1,380	3.1	3.1
Total	6,000	5,850	5.6	5.4	2,800	3,000	2.6	2.8
United States	35,800	33,800	7.4	7.1	11,600	12,800	2.4	2.7

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Farm Production Expenditures – Region, State, and United States: 2023 and 2024 (continued)

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Taxes				Labor			
	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	280	330	2.0	2.4	1,010	1,210	7.3	8.9
Other States	1,720	1,970	3.7	4.4	5,390	5,190	11.7	11.6
Total	2,000	2,300	3.3	3.9	6,400	6,400	10.7	11.0
South								
Arkansas	185	210	1.8	2.0	380	440	3.6	4.3
Florida	210	250	2.4	2.5	2,810	3,300	32.3	32.5
Georgia	200	200	1.8	2.0	780	750	7.2	7.4
Other States	405	440	2.0	2.1	1,430	1,710	7.2	8.3
Total	1,000	1,100	2.0	2.2	5,400	6,200	10.8	12.1
Midwest								
Illinois	980	990	4.2	4.4	560	850	2.4	3.8
Indiana	480	560	3.5	3.9	750	750	5.5	5.3
Iowa	1,050	1,060	2.8	3.0	1,090	1,200	2.9	3.4
Minnesota	830	840	3.3	3.5	940	1,100	3.8	4.6
Missouri	510	430	3.6	3.1	490	560	3.5	4.0
Wisconsin	440	410	3.0	2.9	1,290	1,440	8.8	10.1
Other States	910	1,010	4.0	4.1	1,580	2,500	7.0	10.1
Total	5,200	5,300	3.4	3.6	6,700	8,400	4.4	5.6
Plains								
Kansas	560	680	2.3	3.0	570	750	2.4	3.3
Nebraska	1,340	1,410	4.7	4.6	840	940	3.0	3.1
Texas	1,180	1,380	3.9	5.2	1,640	1,950	5.4	7.3
Other States	1,220	1,430	4.0	4.5	1,150	1,360	3.8	4.3
Total	4,300	4,900	3.8	4.4	4,200	5,000	3.7	4.5
West								
California	1,910	1,730	3.6	3.6	15,950	14,930	30.2	30.7
Washington	270	340	1.9	2.3	4,640	4,500	32.2	30.8
Other States	1,320	1,230	3.3	2.8	5,210	6,370	13.1	14.4
Total	3,500	3,300	3.3	3.1	25,800	25,800	24.1	24.0
United States	16,000	16,900	3.3	3.5	48,500	51,800	10.1	10.8

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Farm Production Expenditures – Region, State, and United States: 2023 and 2024 (continued)

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Fuel				Farm supplies and repairs			
	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	360	400	2.6	2.9	380	450	2.7	3.3
Other States	1,940	1,700	4.2	3.8	3,220	2,650	7.0	5.9
Total	2,300	2,100	3.8	3.6	3,600	3,100	6.0	5.3
South								
Arkansas	450	440	4.3	4.3	410	470	3.9	4.6
Florida	290	320	3.3	3.2	490	550	5.6	5.4
Georgia	330	330	3.0	3.3	400	470	3.7	4.6
Other States	830	810	4.2	3.9	1,100	1,310	5.5	6.4
Total	1,900	1,900	3.8	3.7	2,400	2,800	4.8	5.5
Midwest								
Illinois	810	690	3.5	3.1	1,070	1,030	4.6	4.6
Indiana	500	460	3.7	3.2	660	680	4.8	4.8
Iowa	920	880	2.4	2.5	1,370	1,290	3.6	3.6
Minnesota	880	750	3.5	3.2	1,270	1,080	5.1	4.5
Missouri	590	500	4.2	3.6	760	690	5.4	5.0
Wisconsin	500	480	3.4	3.4	980	1,050	6.7	7.3
Other States	900	840	4.0	3.4	1,390	1,480	6.1	6.0
Total	5,100	4,600	3.4	3.1	7,500	7,300	5.0	4.9
Plains								
Kansas	580	640	2.4	2.8	820	1,010	3.4	4.4
Nebraska	820	740	2.9	2.4	1,140	1,230	4.0	4.0
Texas	1,040	1,000	3.4	3.8	1,150	1,410	3.8	5.3
Other States	1,260	1,220	4.1	3.8	1,890	2,050	6.2	6.5
Total	3,700	3,600	3.3	3.2	5,000	5,700	4.4	5.1
West								
California	1,480	1,260	2.8	2.6	2,660	1,830	5.0	3.8
Washington	400	390	2.8	2.7	710	710	4.9	4.9
Other States	1,620	1,550	4.1	3.5	2,230	2,560	5.6	5.8
Total	3,500	3,200	3.3	3.0	5,600	5,100	5.2	4.7
United States	16,500	15,400	3.4	3.2	24,100	24,000	5.0	5.0

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Farm Production Expenditures – Region, State, and United States: 2023 and 2024 (continued)

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Farm improvements and construction				Tractors and self-propelled farm machinery			
	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	310	370	2.2	2.7	310	360	2.2	2.6
Other States	2,490	2,630	5.4	5.9	1,990	2,340	4.3	5.2
Total	2,800	3,000	4.7	5.1	2,300	2,700	3.8	4.6
South								
Arkansas	220	230	2.1	2.2	330	390	3.1	3.8
Florida	475	500	5.5	4.9	360	290	4.1	2.9
Georgia	415	390	3.8	3.9	390	400	3.6	4.0
Other States	490	780	2.5	3.8	520	820	2.6	4.0
Total	1,600	1,900	3.2	3.7	1,600	1,900	3.2	3.7
Midwest								
Illinois	860	730	3.7	3.3	1,450	1,610	6.3	7.2
Indiana	560	580	4.1	4.1	750	840	5.5	5.9
Iowa	1,260	1,470	3.3	4.1	1,680	1,600	4.4	4.5
Minnesota	1,100	900	4.4	3.8	1,440	1,200	5.8	5.0
Missouri	820	790	5.8	5.7	880	920	6.2	6.6
Wisconsin	870	990	6.0	6.9	700	670	4.8	4.7
Other States	1,230	1,340	5.4	5.4	1,400	1,660	6.2	6.7
Total	6,700	6,800	4.4	4.6	8,300	8,500	5.5	5.7
Plains								
Kansas	540	630	2.2	2.7	670	770	2.8	3.4
Nebraska	640	670	2.2	2.2	1,140	1,330	4.0	4.4
Texas	1,620	1,990	5.3	7.5	1,360	1,610	4.4	6.1
Other States	1,700	1,410	5.6	4.4	1,930	2,290	6.3	7.2
Total	4,500	4,700	4.0	4.2	5,100	6,000	4.5	5.4
West								
California	1,760	1,510	3.3	3.1	370	420	0.7	0.9
Washington	710	630	4.9	4.3	200	190	1.4	1.3
Other States	2,130	2,660	5.3	6.0	1,030	1,290	2.6	2.9
Total	4,600	4,800	4.3	4.5	1,600	1,900	1.5	1.8
United States	20,200	21,200	4.2	4.4	18,900	21,000	3.9	4.4

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Farm Production Expenditures – Region, State, and United States: 2023 and 2024 (continued)

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Other farm machinery				Seeds and plants			
	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	70	80	0.5	0.6	590	630	4.3	4.6
Other States	1,210	1,050	2.6	2.3	2,540	2,570	5.5	5.7
Total	1,280	1,130	2.1	1.9	3,130	3,200	5.2	5.5
South								
Arkansas	80	80	0.8	0.8	670	640	6.3	6.2
Florida	110	80	1.3	0.8	720	960	8.3	9.5
Georgia	70	100	0.6	1.0	420	490	3.9	4.8
Other States	160	250	0.8	1.2	920	1,010	4.6	4.9
Total	420	510	0.8	1.0	2,730	3,100	5.5	6.1
Midwest								
Illinois	660	550	2.9	2.5	2,420	2,420	10.5	10.8
Indiana	380	340	2.8	2.4	1,120	1,270	8.2	8.9
Iowa	780	610	2.1	1.7	2,380	2,350	6.3	6.6
Minnesota	850	640	3.4	2.7	1,950	1,920	7.8	8.1
Missouri	360	290	2.5	2.1	930	890	6.6	6.4
Wisconsin	320	330	2.2	2.3	830	740	5.7	5.2
Other States	720	640	3.2	2.6	1,870	2,110	8.2	8.5
Total	4,070	3,400	2.7	2.3	11,500	11,700	7.6	7.8
Plains								
Kansas	375	270	1.6	1.2	870	940	3.6	4.1
Nebraska	430	540	1.5	1.8	1,550	1,630	5.4	5.4
Texas	365	500	1.2	1.9	770	780	2.5	2.9
Other States	550	790	1.8	2.5	2,460	2,450	8.1	7.7
Total	1,720	2,100	1.5	1.9	5,650	5,800	5.0	5.2
West								
California	160	270	0.3	0.6	2,460	1,430	4.7	2.9
Washington	330	190	2.3	1.3	430	540	3.0	3.7
Other States	620	700	1.6	1.6	1,400	1,630	3.5	3.7
Total	1,110	1,160	1.0	1.1	4,290	3,600	4.0	3.3
United States	8,600	8,300	1.8	1.7	27,300	27,400	5.7	5.7

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Farm Production Expenditures – Region, State, and United States: 2023 and 2024 (continued)

[For definitions of terms used in this table, see Terms and Definitions. Excluding Alaska and Hawaii, except in 2024. Totals may not add due to rounding.]

Region and state	Trucks and autos				Miscellaneous capital expenses			
	2023	2024	2023	2024	2023	2024	2023	2024
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	140	140	1.0	1.0	30	35	0.2	0.3
Other States	690	840	1.5	1.9	210	275	0.5	0.6
Total	830	980	1.4	1.7	240	310	0.4	0.5
South								
Arkansas	120	150	1.1	1.5	40	50	0.4	0.5
Florida	175	200	2.0	2.0	50	60	0.6	0.6
Georgia	90	130	0.8	1.3	60	50	0.6	0.5
Other States	235	420	1.2	2.0	120	160	0.6	0.8
Total	620	900	1.2	1.8	270	320	0.5	0.6
Midwest								
Illinois	265	270	1.1	1.2	75	90	0.3	0.4
Indiana	135	150	1.0	1.1	40	50	0.3	0.4
Iowa	430	380	1.1	1.1	160	140	0.4	0.4
Minnesota	185	200	0.7	0.8	70	70	0.3	0.3
Missouri	225	290	1.6	2.1	70	90	0.5	0.6
Wisconsin	185	170	1.3	1.2	75	90	0.5	0.6
Other States	335	300	1.5	1.2	130	110	0.6	0.4
Total	1,760	1,760	1.2	1.2	620	640	0.4	0.4
Plains								
Kansas	190	210	0.8	0.9	55	60	0.2	0.3
Nebraska	290	290	1.0	1.0	85	90	0.3	0.3
Texas	510	710	1.7	2.7	325	340	1.1	1.3
Other States	530	690	1.7	2.2	155	190	0.5	0.6
Total	1,520	1,900	1.3	1.7	620	680	0.5	0.6
West								
California	270	290	0.5	0.6	95	90	0.2	0.2
Washington	80	110	0.6	0.8	30	40	0.2	0.3
Other States	620	660	1.6	1.5	225	220	0.6	0.5
Total	970	1,060	0.9	1.0	350	350	0.3	0.3
United States	5,700	6,600	1.2	1.4	2,100	2,300	0.4	0.5

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Atlantic Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	25.2	25.3	15,443	13,799	5,750	5,100
Feed	65.9	56.0	40,018	34,767	14,900	12,850
Farm services	88.3	87.4	16,383	17,857	6,100	6,600
Rent	23.2	19.9	5,372	5,276	2,000	1,950
Agricultural chemicals	37.8	34.1	4,566	4,870	1,700	1,800
Fertilizer, lime, and soil conditioners	39.6	50.8	8,595	8,929	3,200	3,300
Interest	22.2	18.6	3,760	4,058	1,400	1,500
Taxes	100.0	99.9	5,372	6,223	2,000	2,300
Labor	23.7	24.2	17,189	17,316	6,400	6,400
Fuel	84.9	85.9	6,177	5,682	2,300	2,100
Farm supplies and repairs	85.2	83.2	9,669	8,387	3,600	3,100
Farm improvements and construction	57.1	54.2	7,520	8,117	2,800	3,000
Tractors and self-propelled farm machinery	10.4	14.4	6,177	7,305	2,300	2,700
Other farm machinery	14.8	16.9	3,438	3,057	1,280	1,130
Seeds and plants	33.0	34.1	8,407	8,658	3,130	3,200
Trucks and autos	10.3	10.0	2,229	2,652	830	980
Miscellaneous capital expenses	10.9	10.6	645	839	240	310
Total farm production expenditures	100.0	100.0	160,959	157,792	59,930	58,320

Farm Production Expenditures Total by Year – Atlantic Region: 2020-2024

[For definitions of terms used in this table, see Terms and Definitions.]

Expenditure	2020	2021	2022	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	4,100	3,780	3,400	5,750	5,100
Feed	9,640	10,090	11,100	14,900	12,850
Farm services	5,240	4,710	6,200	6,100	6,600
Rent	1,920	1,630	1,800	2,000	1,950
Agricultural chemicals	1,390	1,450	1,800	1,700	1,800
Fertilizer, lime, and soil conditioners	2,440	2,820	3,500	3,200	3,300
Interest	1,100	830	880	1,400	1,500
Taxes	2,300	2,000	2,300	2,000	2,300
Labor	3,920	3,870	6,600	6,400	6,400
Fuel	1,420	1,630	2,400	2,300	2,100
Farm supplies and repairs	2,780	2,750	3,180	3,600	3,100
Farm improvements and construction	2,260	2,170	2,700	2,800	3,000
Tractors and self-propelled farm machinery	1,560	1,710	2,300	2,300	2,700
Other farm machinery	880	740	850	1,280	1,130
Seeds and plants	2,570	2,020	3,590	3,130	3,200
Trucks and autos	610	630	920	830	980
Miscellaneous capital expenses	60	90	240	240	310
Total farm production expenditures	44,190	42,920	53,760	59,930	58,320

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – North Carolina: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	26.7	25.3	57,176	58,195	2,450	2,450
Feed	59.8	51.4	122,754	104,988	5,260	4,420
Farm services	91.1	89.4	24,504	28,504	1,050	1,200
Rent	25.5	22.2	7,001	7,126	300	300
Agricultural chemicals	45.5	50.7	9,568	10,689	410	450
Fertilizer, lime, and soil conditioners	59.6	59.2	14,936	12,589	640	530
Interest	24.1	20.2	5,834	5,463	250	230
Taxes	100.0	100.0	6,534	7,838	280	330
Labor	28.2	29.7	23,571	28,741	1,010	1,210
Fuel	84.4	88.2	8,401	9,501	360	400
Farm supplies and repairs	80.3	83.3	8,868	10,689	380	450
Farm improvements and construction	45.1	55.0	7,235	8,789	310	370
Tractors and self-propelled farm machinery	12.4	16.0	7,235	8,551	310	360
Other farm machinery	11.8	12.2	1,634	1,900	70	80
Seeds and plants	34.7	39.4	13,769	14,964	590	630
Trucks and autos	8.0	10.7	3,267	3,325	140	140
Miscellaneous capital expenses	6.1	6.3	700	831	30	35
Total farm production expenditures	100.0	100.0	322,987	322,684	13,840	13,585

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Atlantic Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	25.0	25.3	10,016	8,092	3,300	2,650
Feed	66.7	56.6	29,258	25,740	9,640	8,430
Farm services	87.9	87.2	15,327	16,489	5,050	5,400
Rent	22.9	19.6	5,160	5,038	1,700	1,650
Agricultural chemicals	36.8	32.0	3,915	4,122	1,290	1,350
Fertilizer, lime, and soil conditioners	37.1	49.7	7,770	8,458	2,560	2,770
Interest	22.0	18.4	3,490	3,878	1,150	1,270
Taxes	100.0	99.9	5,220	6,015	1,720	1,970
Labor	23.1	23.4	16,359	15,847	5,390	5,190
Fuel	85.0	85.6	5,888	5,191	1,940	1,700
Farm supplies and repairs	85.9	83.1	9,773	8,092	3,220	2,650
Farm improvements and construction	58.7	54.1	7,557	8,031	2,490	2,630
Tractors and self-propelled farm machinery	10.1	14.3	6,040	7,145	1,990	2,340
Other farm machinery	15.2	17.5	3,672	3,206	1,210	1,050
Seeds and plants	32.8	33.5	7,709	7,847	2,540	2,570
Trucks and autos	10.6	9.9	2,094	2,565	690	840
Miscellaneous capital expenses	11.5	11.1	637	840	210	275
Total farm production expenditures	100.0	100.0	139,887	136,595	46,090	44,735

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – South Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	24.4	24.9	23,557	19,149	5,590	4,500
Feed	66.3	63.8	53,519	46,596	12,700	10,950
Farm services	88.2	87.6	21,492	25,532	5,100	6,000
Rent	20.2	19.0	10,535	11,915	2,500	2,800
Agricultural chemicals	39.8	40.7	10,535	10,213	2,500	2,400
Fertilizer, lime, and soil conditioners	47.8	52.1	12,221	11,915	2,900	2,800
Interest	19.8	22.2	3,371	4,043	800	950
Taxes	99.2	100.0	4,214	4,681	1,000	1,100
Labor	29.9	24.3	22,756	26,383	5,400	6,200
Fuel	86.9	87.7	8,007	8,085	1,900	1,900
Farm supplies and repairs	75.3	81.8	10,114	11,915	2,400	2,800
Farm improvements and construction	42.2	50.1	6,743	8,085	1,600	1,900
Tractors and self-propelled farm machinery	13.2	15.3	6,743	8,085	1,600	1,900
Other farm machinery	9.2	12.6	1,770	2,170	420	510
Seeds and plants	31.5	33.1	11,504	13,191	2,730	3,100
Trucks and autos	9.1	12.9	2,613	3,830	620	900
Miscellaneous capital expenses	8.4	11.2	1,138	1,362	270	320
Total farm production expenditures	100.0	100.0	210,830	217,149	50,030	51,030

Farm Production Expenditures Total by Year – South Region: 2020-2024

[For definitions of terms used in this table, see Terms and Definitions.]

Expenditure	2020	2021	2022	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	4,340	3,770	4,900	5,590	4,500
Feed	8,300	8,870	12,800	12,700	10,950
Farm services	4,920	4,190	4,600	5,100	6,000
Rent	1,930	2,000	2,200	2,500	2,800
Agricultural chemicals	1,770	2,030	2,600	2,500	2,400
Fertilizer, lime, and soil conditioners	2,200	2,370	3,400	2,900	2,800
Interest	690	540	620	800	950
Taxes	870	1,030	1,080	1,000	1,100
Labor	3,410	4,410	3,500	5,400	6,200
Fuel	1,300	1,510	2,000	1,900	1,900
Farm supplies and repairs	2,050	2,150	2,050	2,400	2,800
Farm improvements and construction	1,170	1,230	1,300	1,600	1,900
Tractors and self-propelled farm machinery	1,330	1,630	2,300	1,600	1,900
Other farm machinery	360	370	340	420	510
Seeds and plants	2,500	2,340	2,470	2,730	3,100
Trucks and autos	550	620	880	620	900
Miscellaneous capital expenses	100	155	230	270	320
Total farm production expenditures	37,790	39,215	47,270	50,030	51,030

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Arkansas: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	30.9	29.8	33,466	29,032	1,260	1,080
Feed	66.1	65.9	84,197	71,237	3,170	2,650
Farm services	88.5	88.2	21,514	25,000	810	930
Rent	23.3	24.8	24,701	29,301	930	1,090
Agricultural chemicals	35.6	41.3	18,592	15,860	700	590
Fertilizer, lime, and soil conditioners	48.4	49.8	16,733	15,860	630	590
Interest	21.6	30.0	4,914	5,914	185	220
Taxes	99.1	100.0	4,914	5,645	185	210
Labor	23.3	26.5	10,093	11,828	380	440
Fuel	83.2	89.4	11,952	11,828	450	440
Farm supplies and repairs	75.9	78.4	10,890	12,634	410	470
Farm improvements and construction	42.5	48.3	5,843	6,183	220	230
Tractors and self-propelled farm machinery	13.4	16.2	8,765	10,484	330	390
Other farm machinery	8.2	11.8	2,125	2,151	80	80
Seeds and plants	20.9	22.6	17,795	17,204	670	640
Trucks and autos	11.5	11.0	3,187	4,032	120	150
Miscellaneous capital expenses	6.3	10.5	1,062	1,344	40	50
Total farm production expenditures	100.0	100.0	280,744	275,538	10,570	10,250

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Florida: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	17.8	19.7	2,694	3,829	120	170
Feed	67.9	65.5	9,428	13,063	420	580
Farm services	85.0	89.1	24,242	30,405	1,080	1,350
Rent	18.6	13.9	4,714	5,856	210	260
Agricultural chemicals	45.4	41.2	10,325	10,360	460	460
Fertilizer, lime, and soil conditioners	49.3	47.6	13,019	14,414	580	640
Interest	16.3	18.3	3,367	4,054	150	180
Taxes	100.0	100.0	4,714	5,631	210	250
Labor	30.6	28.1	63,075	74,324	2,810	3,300
Fuel	80.2	86.6	6,510	7,207	290	320
Farm supplies and repairs	79.5	80.9	10,999	12,387	490	550
Farm improvements and construction	51.6	53.2	10,662	11,261	475	500
Tractors and self-propelled farm machinery	19.9	14.7	8,081	6,532	360	290
Other farm machinery	10.2	8.1	2,469	1,802	110	80
Seeds and plants	26.6	27.5	16,162	21,622	720	960
Trucks and autos	11.8	11.4	3,928	4,505	175	200
Miscellaneous capital expenses	9.8	11.7	1,122	1,351	50	60
Total farm production expenditures	100.0	100.0	195,511	228,604	8,710	10,150

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Georgia: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	38.1	25.1	52,308	34,726	2,040	1,330
Feed	65.5	62.0	84,872	73,107	3,310	2,800
Farm services	92.8	88.5	28,462	30,548	1,110	1,170
Rent	21.8	17.2	6,667	8,877	260	340
Agricultural chemicals	44.1	46.2	9,487	11,488	370	440
Fertilizer, lime, and soil conditioners	53.1	53.6	12,564	14,099	490	540
Interest	20.4	20.5	3,974	4,700	155	180
Taxes	100.0	100.0	5,128	5,222	200	200
Labor	29.6	26.3	20,000	19,582	780	750
Fuel	91.6	88.4	8,462	8,616	330	330
Farm supplies and repairs	86.2	80.3	10,256	12,272	400	470
Farm improvements and construction	39.1	47.5	10,641	10,183	415	390
Tractors and self-propelled farm machinery	18.3	18.8	10,000	10,444	390	400
Other farm machinery	12.1	14.3	1,795	2,611	70	100
Seeds and plants	34.9	33.4	10,769	12,794	420	490
Trucks and autos	9.5	16.0	2,308	3,394	90	130
Miscellaneous capital expenses	15.1	8.2	1,538	1,305	60	50
Total farm production expenditures	100.0	100.0	279,231	263,969	10,890	10,110

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, South Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	20.2	25.3	18,691	16,681	2,170	1,920
Feed	66.1	63.1	49,957	42,745	5,800	4,920
Farm services	87.7	86.6	18,088	22,155	2,100	2,550
Rent	19.2	19.6	9,475	9,644	1,100	1,110
Agricultural chemicals	37.5	38.4	8,355	7,906	970	910
Fertilizer, lime, and soil conditioners	45.2	54.2	10,336	8,949	1,200	1,030
Interest	20.4	21.6	2,670	3,215	310	370
Taxes	98.7	100.0	3,488	3,823	405	440
Labor	31.9	21.5	12,317	14,857	1,430	1,710
Fuel	89.2	87.3	7,149	7,037	830	810
Farm supplies and repairs	69.9	83.8	9,475	11,381	1,100	1,310
Farm improvements and construction	39.5	50.3	4,220	6,777	490	780
Tractors and self-propelled farm machinery	8.9	14.0	4,479	7,124	520	820
Other farm machinery	8.2	14.1	1,378	2,172	160	250
Seeds and plants	35.6	38.5	7,924	8,775	920	1,010
Trucks and autos	7.1	13.0	2,024	3,649	235	420
Miscellaneous capital expenses	6.3	12.3	1,034	1,390	120	160
Total farm production expenditures	100.0	100.0	171,059	178,280	19,860	20,520

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Midwest Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	22.0	22.7	21,689	21,086	11,760	11,300
Feed	42.3	40.5	42,419	40,679	23,000	21,800
Farm services	91.6	88.0	26,558	26,404	14,400	14,150
Rent	34.2	33.3	31,353	31,722	17,000	17,000
Agricultural chemicals	52.5	49.4	15,492	15,115	8,400	8,100
Fertilizer, lime, and soil conditioners	58.8	59.3	27,665	25,658	15,000	13,750
Interest	35.9	34.5	7,746	8,584	4,200	4,600
Taxes	100.0	100.0	9,590	9,890	5,200	5,300
Labor	19.5	18.5	12,357	15,675	6,700	8,400
Fuel	83.9	83.5	9,406	8,584	5,100	4,600
Farm supplies and repairs	82.9	79.7	13,832	13,622	7,500	7,300
Farm improvements and construction	48.4	48.9	12,357	12,689	6,700	6,800
Tractors and self-propelled farm machinery	16.6	14.7	15,308	15,861	8,300	8,500
Other farm machinery	17.6	16.3	7,506	6,344	4,070	3,400
Seeds and plants	53.6	53.8	21,209	21,832	11,500	11,700
Trucks and autos	13.6	11.5	3,246	3,284	1,760	1,760
Miscellaneous capital expenses	8.8	8.2	1,143	1,194	620	640
Total farm production expenditures	100.0	100.0	278,877	278,224	151,210	149,100

Farm Production Expenditures Total by Year – Midwest Region: 2020-2024

[For definitions of terms used in this table, see Terms and Definitions.]

Expenditure	2020	2021	2022	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	9,380	10,210	10,700	11,760	11,300
Feed	16,890	19,530	22,700	23,000	21,800
Farm services	11,960	12,230	13,000	14,400	14,150
Rent	14,090	14,700	16,100	17,000	17,000
Agricultural chemicals	5,480	6,200	8,300	8,400	8,100
Fertilizer, lime, and soil conditioners	9,590	11,860	16,200	15,000	13,750
Interest	3,790	3,470	3,200	4,200	4,600
Taxes	4,580	4,880	4,940	5,200	5,300
Labor	5,530	5,660	7,400	6,700	8,400
Fuel	3,270	3,810	5,500	5,100	4,600
Farm supplies and repairs	5,980	6,110	7,120	7,500	7,300
Farm improvements and construction	4,440	4,270	6,100	6,700	6,800
Tractors and self-propelled farm machinery	4,560	7,370	6,900	8,300	8,500
Other farm machinery	2,280	3,170	3,880	4,070	3,400
Seeds and plants	9,550	9,590	10,600	11,500	11,700
Trucks and autos	1,250	1,560	1,480	1,760	1,760
Miscellaneous capital expenses	160	310	470	620	640
Total farm production expenditures	112,780	124,930	144,590	151,210	149,100

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Illinois: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	14.3	11.2	13,837	11,143	970	780
Feed	25.4	20.8	16,120	8,714	1,130	610
Farm services	88.3	84.8	26,248	28,571	1,840	2,000
Rent	39.2	41.9	61,056	59,571	4,280	4,170
Agricultural chemicals	66.4	59.5	29,672	30,286	2,080	2,120
Fertilizer, lime, and soil conditioners	72.2	63.4	44,080	39,714	3,090	2,780
Interest	37.4	34.8	8,274	8,857	580	620
Taxes	100.0	100.0	13,980	14,143	980	990
Labor	15.3	19.0	7,989	12,143	560	850
Fuel	88.1	80.0	11,555	9,857	810	690
Farm supplies and repairs	71.3	72.9	15,264	14,714	1,070	1,030
Farm improvements and construction	47.6	41.5	12,268	10,429	860	730
Tractors and self-propelled farm machinery	18.2	16.8	20,685	23,000	1,450	1,610
Other farm machinery	20.1	15.1	9,415	7,857	660	550
Seeds and plants	70.9	65.5	34,522	34,571	2,420	2,420
Trucks and autos	11.2	12.2	3,780	3,857	265	270
Miscellaneous capital expenses	8.4	9.2	1,070	1,286	75	90
Total farm production expenditures	100.0	100.0	329,815	318,714	23,120	22,310

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Indiana: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	30.2	22.8	16,886	14,231	900	740
Feed	49.4	43.4	29,268	34,423	1,560	1,790
Farm services	89.1	88.5	23,640	23,462	1,260	1,220
Rent	33.9	34.3	30,019	36,154	1,600	1,880
Agricultural chemicals	50.6	52.7	16,510	17,308	880	900
Fertilizer, lime, and soil conditioners	62.5	63.4	31,895	30,769	1,700	1,600
Interest	40.7	39.9	7,880	8,269	420	430
Taxes	100.0	100.0	9,006	10,769	480	560
Labor	19.1	13.0	14,071	14,423	750	750
Fuel	85.8	89.3	9,381	8,846	500	460
Farm supplies and repairs	87.0	84.3	12,383	13,077	660	680
Farm improvements and construction	51.1	46.8	10,507	11,154	560	580
Tractors and self-propelled farm machinery	17.8	14.9	14,071	16,154	750	840
Other farm machinery	17.9	13.7	7,129	6,538	380	340
Seeds and plants	51.1	53.2	21,013	24,423	1,120	1,270
Trucks and autos	11.5	9.0	2,533	2,885	135	150
Miscellaneous capital expenses	3.7	9.1	750	962	40	50
Total farm production expenditures	100.0	100.0	256,942	273,846	13,695	14,240

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Iowa: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	23.9	22.7	57,937	49,712	5,000	4,310
Feed	31.6	33.8	93,163	83,391	8,040	7,230
Farm services	96.1	89.5	37,543	36,448	3,240	3,160
Rent	42.2	41.7	50,637	53,287	4,370	4,620
Agricultural chemicals	61.9	63.1	22,596	19,262	1,950	1,670
Fertilizer, lime, and soil conditioners	60.1	65.0	38,007	34,025	3,280	2,950
Interest	43.2	37.9	10,429	10,265	900	890
Taxes	100.0	100.0	12,167	12,226	1,050	1,060
Labor	24.9	25.5	12,630	13,841	1,090	1,200
Fuel	78.5	84.8	10,660	10,150	920	880
Farm supplies and repairs	83.1	77.4	15,875	14,879	1,370	1,290
Farm improvements and construction	44.6	48.5	14,600	16,955	1,260	1,470
Tractors and self-propelled farm machinery	17.2	13.2	19,467	18,454	1,680	1,600
Other farm machinery	21.4	15.4	9,038	7,036	780	610
Seeds and plants	61.7	64.5	27,578	27,105	2,380	2,350
Trucks and autos	16.7	12.1	4,983	4,383	430	380
Miscellaneous capital expenses	11.3	9.1	1,854	1,615	160	140
Total farm production expenditures	100.0	100.0	439,166	413,033	37,900	35,810

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Minnesota: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	21.1	24.2	28,711	33,691	1,860	2,200
Feed	35.6	37.9	69,153	60,031	4,480	3,920
Farm services	94.0	87.7	34,576	35,681	2,240	2,330
Rent	38.8	38.0	41,831	38,897	2,710	2,540
Agricultural chemicals	57.2	52.0	17,443	16,080	1,130	1,050
Fertilizer, lime, and soil conditioners	54.5	52.2	35,503	32,006	2,300	2,090
Interest	37.8	41.6	12,349	14,395	800	940
Taxes	100.0	100.0	12,812	12,864	830	840
Labor	23.3	21.6	14,510	16,845	940	1,100
Fuel	76.6	82.9	13,584	11,485	880	750
Farm supplies and repairs	81.0	79.7	19,604	16,539	1,270	1,080
Farm improvements and construction	54.3	51.3	16,980	13,783	1,100	900
Tractors and self-propelled farm machinery	16.8	13.4	22,228	18,377	1,440	1,200
Other farm machinery	20.9	21.6	13,121	9,801	850	640
Seeds and plants	54.7	53.2	30,100	29,403	1,950	1,920
Trucks and autos	12.2	10.5	2,856	3,063	185	200
Miscellaneous capital expenses	8.7	7.5	1,081	1,072	70	70
Total farm production expenditures	100.0	100.0	386,438	364,012	25,035	23,770

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Missouri: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	19.7	29.8	12,100	15,053	1,060	1,290
Feed	60.5	57.3	22,374	22,054	1,960	1,890
Farm services	93.1	86.5	13,242	12,719	1,160	1,090
Rent	32.0	22.1	17,694	16,919	1,550	1,450
Agricultural chemicals	45.9	38.8	9,132	8,985	800	770
Fertilizer, lime, and soil conditioners	57.7	61.2	17,352	16,686	1,520	1,430
Interest	33.8	27.5	5,137	5,951	450	510
Taxes	100.0	100.0	5,822	5,018	510	430
Labor	16.9	14.3	5,594	6,534	490	560
Fuel	82.2	82.4	6,735	5,834	590	500
Farm supplies and repairs	84.5	80.8	8,676	8,051	760	690
Farm improvements and construction	41.6	44.8	9,361	9,218	820	790
Tractors and self-propelled farm machinery	14.4	13.5	10,046	10,735	880	920
Other farm machinery	15.1	13.4	4,110	3,384	360	290
Seeds and plants	34.8	32.2	10,616	10,385	930	890
Trucks and autos	13.5	15.0	2,568	3,384	225	290
Miscellaneous capital expenses	6.6	9.2	799	1,050	70	90
Total farm production expenditures	100.0	100.0	161,358	161,960	14,135	13,880

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Wisconsin: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	24.3	25.3	12,660	11,684	740	680
Feed	49.8	47.8	50,470	50,000	2,950	2,910
Farm services	87.1	87.2	33,875	31,271	1,980	1,820
Rent	31.0	30.0	11,805	10,481	690	610
Agricultural chemicals	47.4	43.1	8,212	6,873	480	400
Fertilizer, lime, and soil conditioners	58.4	54.4	18,991	17,182	1,110	1,000
Interest	34.1	35.1	8,041	8,763	470	510
Taxes	100.0	100.0	7,528	7,045	440	410
Labor	21.0	19.2	22,070	24,742	1,290	1,440
Fuel	82.6	88.9	8,554	8,247	500	480
Farm supplies and repairs	88.2	85.6	16,766	18,041	980	1,050
Farm improvements and construction	57.4	57.5	14,885	17,010	870	990
Tractors and self-propelled farm machinery	17.0	13.6	11,976	11,512	700	670
Other farm machinery	18.4	17.1	5,475	5,670	320	330
Seeds and plants	55.4	57.3	14,200	12,715	830	740
Trucks and autos	15.5	11.1	3,165	2,921	185	170
Miscellaneous capital expenses	8.8	10.4	1,283	1,546	75	90
Total farm production expenditures	100.0	100.0	249,957	245,704	14,610	14,300

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Midwest Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	22.4	22.2	10,109	11,017	1,230	1,300
Feed	43.4	41.5	23,669	29,237	2,880	3,450
Farm services	91.3	90.1	22,026	21,441	2,680	2,530
Rent	26.4	28.7	14,793	14,661	1,800	1,730
Agricultural chemicals	43.6	41.4	8,876	10,085	1,080	1,190
Fertilizer, lime, and soil conditioners	52.0	55.9	16,437	16,102	2,000	1,900
Interest	29.0	30.1	4,767	5,932	580	700
Taxes	100.0	100.0	7,479	8,559	910	1,010
Labor	17.2	16.6	12,985	21,186	1,580	2,500
Fuel	90.1	80.4	7,397	7,119	900	840
Farm supplies and repairs	84.8	79.4	11,424	12,542	1,390	1,480
Farm improvements and construction	47.8	51.9	10,109	11,356	1,230	1,340
Tractors and self-propelled farm machinery	15.9	16.5	11,506	14,068	1,400	1,660
Other farm machinery	13.0	17.6	5,917	5,424	720	640
Seeds and plants	51.2	53.4	15,369	17,881	1,870	2,110
Trucks and autos	13.5	9.9	2,753	2,542	335	300
Miscellaneous capital expenses	11.1	5.1	1,068	932	130	110
Total farm production expenditures	100.0	100.0	186,684	210,085	22,715	24,790

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Plains Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	22.5	25.9	60,268	51,113	27,520	23,200
Feed	67.1	64.5	32,412	29,302	14,800	13,300
Farm services	92.8	89.1	23,433	22,582	10,700	10,250
Rent	30.3	30.9	18,615	19,277	8,500	8,750
Agricultural chemicals	39.0	40.1	10,512	10,795	4,800	4,900
Fertilizer, lime, and soil conditioners	40.8	43.9	19,053	17,845	8,700	8,100
Interest	29.5	25.8	5,256	6,059	2,400	2,750
Taxes	99.9	100.0	9,417	10,795	4,300	4,900
Labor	24.4	23.1	9,198	11,016	4,200	5,000
Fuel	80.0	80.6	8,103	7,931	3,700	3,600
Farm supplies and repairs	75.7	76.5	10,950	12,558	5,000	5,700
Farm improvements and construction	46.0	41.4	9,855	10,355	4,500	4,700
Tractors and self-propelled farm machinery	15.3	15.8	11,169	13,219	5,100	6,000
Other farm machinery	9.8	13.5	3,767	4,627	1,720	2,100
Seeds and plants	30.7	32.7	12,373	12,778	5,650	5,800
Trucks and autos	12.0	13.9	3,329	4,186	1,520	1,900
Miscellaneous capital expenses	10.0	11.1	1,358	1,498	620	680
Total farm production expenditures	100.0	100.0	249,065	245,935	113,730	111,630

Farm Production Expenditures Total by Year – Plains Region: 2020-2024

[For definitions of terms used in this table, see Terms and Definitions.]

Expenditure	2020	2021	2022	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	17,060	21,410	22,000	27,520	23,200
Feed	10,990	14,280	20,000	14,800	13,300
Farm services	8,690	9,090	10,200	10,700	10,250
Rent	7,240	9,200	8,000	8,500	8,750
Agricultural chemicals	3,660	4,090	4,600	4,800	4,900
Fertilizer, lime, and soil conditioners	5,570	7,040	8,100	8,700	8,100
Interest	2,290	2,000	2,000	2,400	2,750
Taxes	3,790	3,910	4,230	4,300	4,900
Labor	3,650	4,260	4,100	4,200	5,000
Fuel	2,690	3,250	4,000	3,700	3,600
Farm supplies and repairs	3,930	4,600	4,650	5,000	5,700
Farm improvements and construction	2,590	2,780	4,400	4,500	4,700
Tractors and self-propelled farm machinery	4,490	4,610	4,800	5,100	6,000
Other farm machinery	1,720	1,780	1,850	1,720	2,100
Seeds and plants	5,000	5,080	5,210	5,650	5,800
Trucks and autos	1,720	1,440	1,460	1,520	1,900
Miscellaneous capital expenses	260	355	400	620	680
Total farm production expenditures	85,340	99,175	110,000	113,730	111,630

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Kansas: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	23.5	26.9	162,799	142,523	9,190	7,910
Feed	47.0	52.7	61,470	49,550	3,470	2,750
Farm services	85.9	88.5	35,430	31,351	2,000	1,740
Rent	42.5	39.0	23,384	28,288	1,320	1,570
Agricultural chemicals	52.1	53.2	17,538	19,099	990	1,060
Fertilizer, lime, and soil conditioners	54.4	58.4	28,344	26,847	1,600	1,490
Interest	32.1	37.7	6,377	7,928	360	440
Taxes	100.0	100.0	9,920	12,252	560	680
Labor	19.0	20.2	10,097	13,514	570	750
Fuel	76.5	79.6	10,275	11,532	580	640
Farm supplies and repairs	68.9	76.3	14,526	18,198	820	1,010
Farm improvements and construction	41.3	44.6	9,566	11,351	540	630
Tractors and self-propelled farm machinery	13.1	18.7	11,869	13,874	670	770
Other farm machinery	12.1	15.0	6,643	4,865	375	270
Seeds and plants	46.2	45.2	15,412	16,937	870	940
Trucks and autos	9.7	9.9	3,366	3,784	190	210
Miscellaneous capital expenses	9.0	9.8	974	1,081	55	60
Total farm production expenditures	100.0	100.0	427,989	412,973	24,160	22,920

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Nebraska: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	27.3	29.2	168,667	190,745	7,590	8,450
Feed	37.9	38.8	76,667	89,842	3,450	3,980
Farm services	89.6	91.5	52,000	54,176	2,340	2,400
Rent	51.6	49.9	60,889	62,980	2,740	2,790
Agricultural chemicals	57.6	63.9	28,889	26,862	1,300	1,190
Fertilizer, lime, and soil conditioners	61.9	63.1	49,556	46,275	2,230	2,050
Interest	45.8	45.5	12,000	15,124	540	670
Taxes	100.0	100.0	29,778	31,828	1,340	1,410
Labor	25.4	24.8	18,667	21,219	840	940
Fuel	76.2	82.1	18,222	16,704	820	740
Farm supplies and repairs	76.1	82.0	25,333	27,765	1,140	1,230
Farm improvements and construction	44.0	40.7	14,222	15,124	640	670
Tractors and self-propelled farm machinery	17.5	18.1	25,333	30,023	1,140	1,330
Other farm machinery	17.1	20.3	9,556	12,190	430	540
Seeds and plants	62.9	56.4	34,444	36,795	1,550	1,630
Trucks and autos	17.8	17.7	6,444	6,546	290	290
Miscellaneous capital expenses	12.6	11.6	1,889	2,032	85	90
Total farm production expenditures	100.0	100.0	632,556	686,230	28,465	30,400

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Texas: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	17.8	23.8	37,246	19,481	8,600	4,500
Feed	77.9	77.2	22,737	17,879	5,250	4,130
Farm services	95.3	89.9	13,729	11,732	3,170	2,710
Rent	20.6	20.9	4,807	4,848	1,110	1,120
Agricultural chemicals	29.1	31.3	2,469	2,597	570	600
Fertilizer, lime, and soil conditioners	32.3	36.1	5,933	5,628	1,370	1,300
Interest	15.8	13.1	2,512	2,208	580	510
Taxes	100.0	100.0	5,110	5,974	1,180	1,380
Labor	25.5	22.5	7,103	8,442	1,640	1,950
Fuel	85.6	80.6	4,504	4,329	1,040	1,000
Farm supplies and repairs	79.2	76.7	4,981	6,104	1,150	1,410
Farm improvements and construction	42.1	37.4	7,016	8,615	1,620	1,990
Tractors and self-propelled farm machinery	15.0	12.1	5,890	6,970	1,360	1,610
Other farm machinery	7.0	9.8	1,581	2,165	365	500
Seeds and plants	17.9	26.1	3,335	3,377	770	780
Trucks and autos	10.3	10.6	2,209	3,074	510	710
Miscellaneous capital expenses	10.3	10.9	1,408	1,472	325	340
Total farm production expenditures	100.0	100.0	132,568	114,892	30,610	26,540

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Plains Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	28.9	28.2	17,219	19,009	2,140	2,340
Feed	66.8	55.4	21,162	19,821	2,630	2,440
Farm services	92.6	87.0	25,668	27,620	3,190	3,400
Rent	35.0	39.3	26,795	26,564	3,330	3,270
Agricultural chemicals	44.7	42.0	15,610	16,653	1,940	2,050
Fertilizer, lime, and soil conditioners	42.8	45.2	28,163	26,483	3,500	3,260
Interest	47.7	37.2	7,403	9,180	920	1,130
Taxes	99.6	100.0	9,817	11,617	1,220	1,430
Labor	24.3	25.0	9,253	11,048	1,150	1,360
Fuel	72.4	80.5	10,139	9,911	1,260	1,220
Farm supplies and repairs	72.2	74.4	15,208	16,653	1,890	2,050
Farm improvements and construction	56.2	47.8	13,679	11,454	1,700	1,410
Tractors and self-propelled farm machinery	16.0	20.8	15,530	18,603	1,930	2,290
Other farm machinery	11.3	17.5	4,426	6,418	550	790
Seeds and plants	35.9	30.9	19,794	19,903	2,460	2,450
Trucks and autos	14.0	20.6	4,265	5,605	530	690
Miscellaneous capital expenses	9.1	11.9	1,247	1,543	155	190
Total farm production expenditures	100.0	100.0	245,377	258,083	30,495	31,770

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – West Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	23.7	27.9	18,079	19,958	5,080	5,700
Feed	48.9	46.4	51,959	49,720	14,600	14,200
Farm services	90.5	88.0	64,771	64,076	18,200	18,300
Rent	26.7	24.2	17,082	19,958	4,800	5,700
Agricultural chemicals	38.8	32.6	14,947	15,756	4,200	4,500
Fertilizer, lime, and soil conditioners	41.5	37.9	21,353	20,483	6,000	5,850
Interest	23.3	25.2	9,965	10,504	2,800	3,000
Taxes	98.8	99.6	12,456	11,555	3,500	3,300
Labor	32.6	29.5	91,818	90,336	25,800	25,800
Fuel	79.5	76.7	12,456	11,204	3,500	3,200
Farm supplies and repairs	73.3	71.8	19,930	17,857	5,600	5,100
Farm improvements and construction	44.5	47.2	16,371	16,807	4,600	4,800
Tractors and self-propelled farm machinery	11.2	10.4	5,694	6,653	1,600	1,900
Other farm machinery	10.3	8.5	3,950	4,062	1,110	1,160
Seeds and plants	32.5	29.0	15,267	12,605	4,290	3,600
Trucks and autos	9.9	10.3	3,452	3,711	970	1,060
Miscellaneous capital expenses	7.5	10.3	1,246	1,225	350	350
Total farm production expenditures	100.0	100.0	380,796	376,471	107,000	107,520

Farm Production Expenditures Total by Year – West Region: 2020-2024

[For definitions of terms used in this table, see Terms and Definitions]

Expenditure	2020	2021	2022	2023	2024
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	4,720	3,230	4,000	5,080	5,700
Feed	10,980	12,430	17,000	14,600	14,200
Farm services	13,890	14,780	15,200	18,200	18,300
Rent	4,920	4,470	4,100	4,800	5,700
Agricultural chemicals	4,200	4,030	4,100	4,200	4,500
Fertilizer, lime, and soil conditioners	4,600	5,410	5,400	6,000	5,850
Interest	2,030	1,860	2,300	2,800	3,000
Taxes	2,560	2,880	3,150	3,500	3,300
Labor	20,190	18,600	20,500	25,800	25,800
Fuel	2,420	2,700	3,600	3,500	3,200
Farm supplies and repairs	4,660	4,590	4,900	5,600	5,100
Farm improvements and construction	3,940	4,050	4,700	4,600	4,800
Tractors and self-propelled farm machinery	1,760	2,280	2,400	1,600	1,900
Other farm machinery	760	940	980	1,110	1,160
Seeds and plants	3,380	3,270	3,130	4,290	3,600
Trucks and autos	970	950	1,160	970	1,060
Miscellaneous capital expenses	120	190	260	350	350
Total farm production expenditures	86,100	86,660	96,880	107,000	107,520

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – California: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	19.3	21.3	15,655	13,440	980	840
Feed	29.8	25.8	78,914	88,640	4,940	5,540
Farm services	95.3	98.1	169,968	161,920	10,640	10,120
Rent	20.8	21.0	36,262	35,680	2,270	2,230
Agricultural chemicals	57.5	50.0	36,581	36,960	2,290	2,310
Fertilizer, lime, and soil conditioners	66.0	54.9	50,479	38,880	3,160	2,430
Interest	23.9	27.8	21,406	21,280	1,340	1,330
Taxes	100.0	100.0	30,511	27,680	1,910	1,730
Labor	51.9	55.5	254,792	238,880	15,950	14,930
Fuel	81.5	81.3	23,642	20,160	1,480	1,260
Farm supplies and repairs	80.7	79.6	42,492	29,280	2,660	1,830
Farm improvements and construction	48.0	44.4	28,115	24,160	1,760	1,510
Tractors and self-propelled farm machinery	8.8	12.1	5,911	6,720	370	420
Other farm machinery	7.7	7.2	2,556	4,320	160	270
Seeds and plants	43.0	33.0	39,297	22,880	2,460	1,430
Trucks and autos	8.2	10.8	4,313	4,640	270	290
Miscellaneous capital expenses	6.8	10.5	1,518	1,440	95	90
Total farm production expenditures	100.0	100.0	842,412	776,960	52,735	48,560

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Washington: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

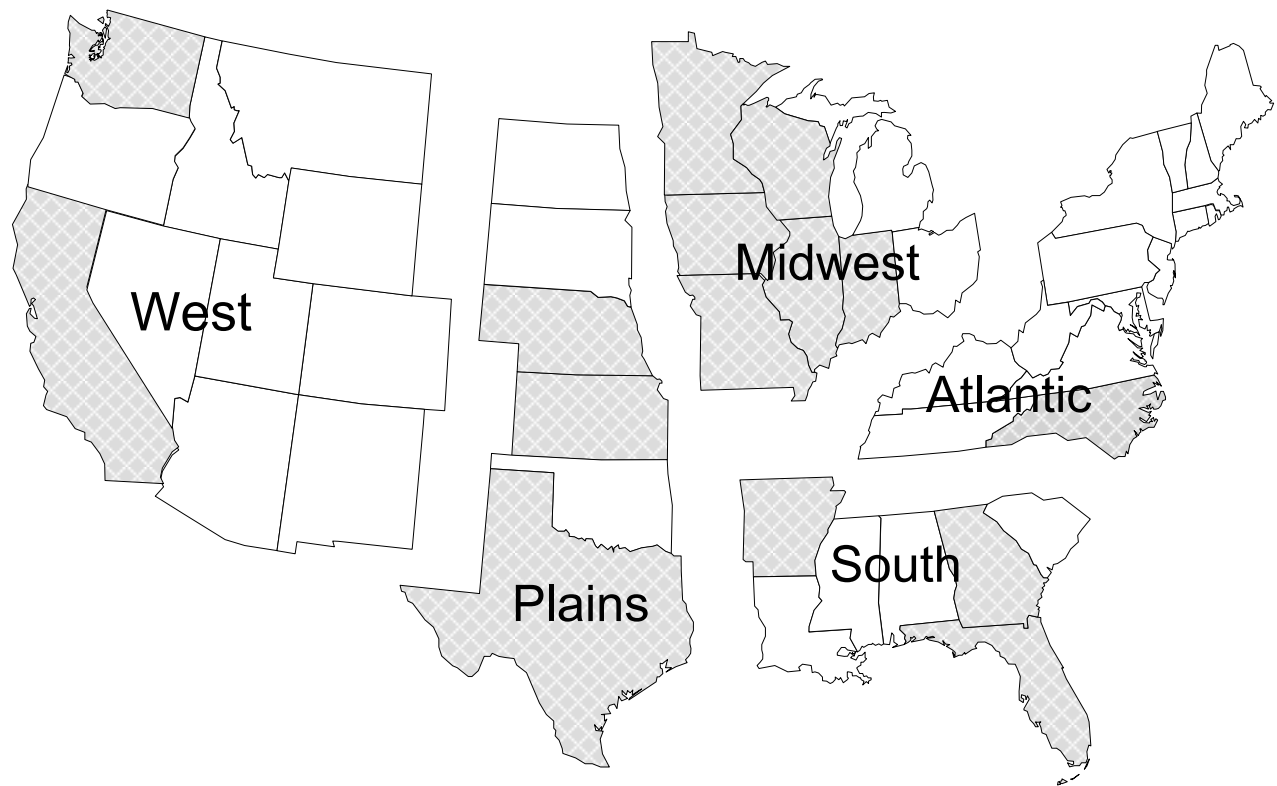
Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	23.2	23.5	23,639	26,730	760	850
Feed	45.0	49.5	38,258	35,220	1,230	1,120
Farm services	92.4	84.9	73,406	79,245	2,360	2,520
Rent	26.5	19.5	22,706	22,642	730	720
Agricultural chemicals	41.3	36.7	19,285	22,642	620	720
Fertilizer, lime, and soil conditioners	48.0	44.9	20,840	23,585	670	750
Interest	22.4	23.3	7,465	9,119	240	290
Taxes	100.0	100.0	8,398	10,692	270	340
Labor	31.8	29.9	144,323	141,509	4,640	4,500
Fuel	83.6	77.6	12,442	12,264	400	390
Farm supplies and repairs	82.8	79.2	22,084	22,327	710	710
Farm improvements and construction	49.4	51.0	22,084	19,811	710	630
Tractors and self-propelled farm machinery	11.3	10.7	6,221	5,975	200	190
Other farm machinery	11.5	9.2	10,264	5,975	330	190
Seeds and plants	37.7	32.6	13,375	16,981	430	540
Trucks and autos	7.7	11.1	2,488	3,459	80	110
Miscellaneous capital expenses	6.6	10.2	933	1,258	30	40
Total farm production expenditures	100.0	100.0	448,212	459,434	14,410	14,610

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, West Region: 2023 and 2024

[For definitions of terms used in this table, see Terms and Definitions. Totals may not add due to rounding.]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2023	2024	2023	2024	2023	2024
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	25.3	30.8	17,934	20,962	3,340	4,010
Feed	56.0	52.6	45,264	39,415	8,430	7,540
Farm services	88.5	85.3	27,921	29,587	5,200	5,660
Rent	28.6	26.1	9,665	14,375	1,800	2,750
Agricultural chemicals	32.1	26.2	6,927	7,684	1,290	1,470
Fertilizer, lime, and soil conditioners	32.1	31.2	11,652	13,957	2,170	2,670
Interest	23.3	24.7	6,551	7,214	1,220	1,380
Taxes	98.3	99.4	7,088	6,430	1,320	1,230
Labor	26.2	20.9	27,975	33,298	5,210	6,370
Fuel	78.1	75.1	8,698	8,102	1,620	1,550
Farm supplies and repairs	69.2	67.9	11,974	13,382	2,230	2,560
Farm improvements and construction	42.5	47.6	11,437	13,905	2,130	2,660
Tractors and self-propelled farm machinery	11.9	9.8	5,530	6,743	1,030	1,290
Other farm machinery	11.0	8.8	3,329	3,659	620	700
Seeds and plants	28.1	27.1	7,517	8,521	1,400	1,630
Trucks and autos	10.8	10.0	3,329	3,450	620	660
Miscellaneous capital expenses	8.0	10.2	1,208	1,150	225	220
Total farm production expenditures	100.0	100.0	213,998	231,835	39,855	44,350

Farm Production Expenditure Regions



Atlantic: Connecticut, Delaware, Kentucky, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North Carolina¹, Pennsylvania, Rhode Island, Tennessee, Vermont, Virginia, West Virginia

South: Alabama, Arkansas¹, Florida¹, Georgia¹, Louisiana, Mississippi, South Carolina

Midwest: Illinois¹, Indiana¹, Iowa¹, Michigan, Minnesota¹, Missouri¹, Ohio, Wisconsin¹

Plains: Kansas¹, Nebraska¹, North Dakota, Oklahoma, South Dakota, Texas¹

West: Arizona, California¹, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington¹, Wyoming

¹ Estimate State (shaded on map)

Program History

The National Agricultural Statistics Service (NASS) has conducted periodic surveys of farm production expenditures since 1956, and annually since 1971. In 1973, Congress required USDA to provide cost of production estimates on an annual basis for wheat, feed grains, cotton, and dairy. Since then, other commodities were added to the cost of production program. In 1985, the Farm Production Expenditure Survey and the Cost of Production Survey were combined and called the Farm Costs and Returns Survey (FCRS). In 1996, the Agricultural Resource Management Survey (ARMS) replaced the former Cropping Practices Survey (CPS) and the FCRS, which improved the efficiency of data collection. The initiative to combine these surveys came from a growing need for more data to perform detailed comparisons of the relationship between various production practices (such as chemical and tillage use) and farm financial conditions.

The first farm production expenditures estimation program was established in calendar year 1993. For earlier years, Farm Production Expenditure publications included only survey indications for expenditures at the United States, regional, size and type of farm levels. Currently, estimates are published for major groupings of farm production expenses for the United States, five Farm Production Regions, eight United States Economic Sales Classes, two Farm Types, the 15 Leading Cash Receipts States, and five Other State groupings.

Also, in 1993, due to increased demand for quality production input data, NASS and the Economic Research Service (ERS) began jointly setting estimates for production input costs. This change in procedure was facilitated by the adoption of new summary adjustments for non-response and farm coverage. The Agricultural Statistics Board establishes estimates for major expenditure items for the current year and considers revisions for the previous year’s data. Formal release of expense data occurs before, but in coordination with, the release of related ERS statistics such as net farm income.

One of the primary NASS uses of farm-production expenditure data is for weighting of Prices Paid Indexes. In early 1995, NASS completed a revision of the indexes. To facilitate this process, changes were made in component items estimated in this publication. Grazing fees were moved from the Farm Services category to Rent; Oils and Lubricants were moved from Fuels to Farm Supplies and Repairs; Repairs and Maintenance Expenditures were moved from Other Farm Machinery to Farm Supplies and Repairs; and Building and Fencing Materials were combined with Farm and Land Improvements to make the Farm Improvements and Construction category. Estimates for these levels were revised back to 1990, at the United States level, to provide a more useful series for data users.

The uses of financial and demographic data collected in ARMS Phase III has widespread and significant impact on the agriculture industry. The data collected allows ERS to develop estimates that include farm income, cost of production for selected commodities, farm business balance sheets, farm productivity indicators, and analysis of farm financial and household characteristics. In addition, Congress, USDA, Bureau of Economic Analysis (BEA), researchers, Agricultural Extension, and agribusinesses utilize data to develop forecasts, conduct research projects, and establish and review farm policy. The demand for quality farm expenditure and income data continues to increase as the agricultural community becomes increasingly more complex and integrated.

Economic classification has been revised over time. Before 2002, five United States Economic Classes for Gross Value of Sales were used in previous reports (see table below). In 2002, the United States Economic Classes were updated to be consistent with other NASS economic publications and seven United States Economic Classes for Gross Value of Sales were used. In 2007, a change was made to divide the largest economic class. See table below for historic economic class publication methods.

Prior to 2002	2002 to 2006	2007 to present
Less Than \$10,000	Less Than \$10,000	Less Than \$10,000
\$10,000 - \$39,999	\$10,000 - \$49,999	\$10,000 - \$49,999
\$40,000 – \$99,999	\$50,000 – \$99,999	\$50,000 – \$99,999
\$100,000 – \$249,999	\$100,000 – \$249,999	\$100,000 – \$249,999
\$250,000 and Over	\$250,000 – \$499,999	\$250,000 – \$499,999
-	\$500,000 - \$999,999	\$500,000 – \$999,999
-	\$1,000,000 and Over	\$1,000,000 – \$4,999,999
-	-	\$5,000,000 and Over

In 2003, Congress appropriated funding for the expansion of the ARMS program. The subsequent changes included an increased sample size, recombining of expenditure categories, fuel sub-component estimates, and a fully calibrated summary. ERS funding was used to support ARMS data collection. Sample sizes were increased in the 15 states with the highest cash receipts. The additional samples improved data quality and allowed for the publication of state-level estimates the following year. NASS funding restored the ARMS III sample to historical levels and restored the Field Crops Chemical Use Program and ARMS II - Production Practices Report.

The items included in the Farm Improvement and Construction expenditure were changed in 2003 to include expenses for the operator's dwelling (if the dwelling is owned by the operation). Fuels expense sub-components (diesel, gasoline, LP gas, and other) were published for the first time in 2003. Significant variations in energy prices over the last few years have made energy usage an important issue for all consumers.

In 2004, the first expenditure estimates were published for the 15 Leading Cash Receipts States. The Farm Production Regions were reduced from 10 to 5 regions. This change was made to allow NASS to publish state-level expenditure estimates without disclosing data for unpublished states. The map on page 41 shows the new distribution of regions and states.

In 2005, the Fuel sub-components sample was increased by adding the sub-component questions to two more questionnaire versions (versions four and five) in 2005 and to all questionnaires in 2006.

In 2006, a separate line item was added to the publication: Miscellaneous Capital Expenses. Summary inconsistencies with version five questionnaires dictated that the former Miscellaneous expense be summarized with General Business Expense into Farms Services Expenditure.

In 2008, all eight economic classes were published for Total Farm Production Expenditures. The 2008 summary also included a significant recalibration of the 2007 data and substantial revisions to the 2007 estimates because of farm numbers released in the 2007 Agricultural Census. Similar data and estimate changes were seen due to the farm numbers released in the 2012 and 2017 Census of Agriculture.

For this survey, item level nonresponse is accounted for by imputing data where there are missing values. Beginning in 2014, item level imputations are now done using a multivariate approach. Prior to the implementation of the multivariate approach, NASS used an unweighted conditional means imputation system that placed records into homogenous groups and imputed based off of reported data from those groups. The new multivariate approach uses a regression-based technique that allows for flexibility in the selection of conditional models while providing a valid joint distribution. In this procedure, labeled as Iterative Sequential Regression (ISR), parameter estimates, and imputations are obtained using a Markov Chain Monte Carlo sampling method. Using ISR, we are better able to preserve the relationships within the data and also allow the imputed values to better represent the variability of the data. Records with imputed data are re-edited to ensure the returned value is acceptable. The imputation algorithm delivers an acceptable value more than 99.5 percent of the time and Field Office statisticians are required to manually impute for any missing items.

Statistical Methodology

Survey: The 2024 Tenure, Ownership, and Transition of Agricultural Land (TOTAL) Survey

Publication: *Farm Production Expenditures 2024 Summary* was released on July 25, 2025.

Data Collection: The Tenure, Ownership, and Transition of Agricultural Land (TOTAL) Survey was conducted January through May of 2024.

Sampling: TOTAL is a multi-frame survey, which utilizes a list frame (OL)/non-overlapping area frame (NOL) design. The list frame typically represents the larger, more specialized operations contributing the greater portion of the data expansions. The non-overlapping area frame provides coverage for the operations that are not available for sampling from the list. Since all of the operators on the list frame are also part of the area frame, rigorous procedures are followed to assure that operations are not double counted. These multiple frame expansions are unbiased and provide more precise expansions than could be obtained by using a single frame approach.

TOTAL list frame covers a population of all farms in the 50 states that meet the official USDA definition (all establishments that sold or would normally have sold at least \$1,000 of agricultural products during the previous year). These operations include not only traditional agricultural farms such as grain farms and ranching operations, but also specialty farms like orchards, nurseries, and aquaculture.

Sample Design stratifies the population by Farm Value of Sales (FVS). There are eight strata that collapse into fewer strata in states that don't have many operations in the higher economic stratum and are not one of the fifteen leading cash receipts states.

June Area Survey (JAS) area non-overlap tracts for TOTAL with June farm value of sales (FVS) \$1,000 or more, after point determination, were eligible for the 2024 TOTAL sample. This includes operations that are determined to have pasture points only. JAS has tracts in the 48 contiguous states (excluding Alaska and Hawaii).

To ensure consistent and proper execution of survey procedures in farm determination, data collection, and editing of detailed expense, income data, and demographic data, specialized training occurred on the national and state levels prior to the TOTAL data collection period. Data are collected using electronic data reporting (EDR), mail return, and personal enumeration.

Sample: The 2024 sample was 44,950 farms and ranches.

Questionnaires: The Tenure, Ownership, and Transition of Agricultural Land (TOTAL) Survey version collects information on general farm finances, farm expenses and income, assets, debt, farm household expenses, off-farm income, and farm operator demographic information.

Terms and Definitions

Agricultural chemicals: This expense line item includes material and application costs.

Average per farm: The average per farm is computed by dividing the line-item total expense by the total number of farms at that level (United States, region, type, economic class, or state).

Expense line items: All expense line items include the operator, landlord, and contractor shares of farm production expenses.

Farm improvements and construction: Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.

Farm services: This is a summation of all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, utilities, general expenses, and miscellaneous business expenses.

Farm supplies and repairs: This expense includes bedding/litter, marketing containers, power farm-shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment.

Livestock, poultry, and related expenses: This line item includes purchases and leasing of livestock and poultry. Intra-state and inter-state transfers of livestock are captured.

Miscellaneous capital expenses: Expenditures for depreciable capital purchases that are excluded from the defined expense categories of farm improvements and construction, trucks and autos, tractors and self-propelled equipment, and other farm machinery.

Other fuels: Line item includes all other forms of fuel such as natural gas, coal, fuel oil, kerosene, wood, etc., excluding diesel, gasoline, and LP gas.

Regions: There are 5 agricultural regions based on geographic farm typology. Page 41 shows the regional boundaries and estimating states.

Rent: Rent includes cash rent paid, share rent, plus public and private grazing fees.

Seeds and plants: All purchases of seed, plants, or seed treatments for nursery and farming operation are included. Bedding plants, nursery stock, and seed purchased for resale are excluded.

Taxes: This expense is the sum of real estate taxes and personal property taxes for operator, landlord, and contractor.

Statistical Procedures

Survey Edit: Data were edited using both manual and automated edit procedures. Questionnaires were reviewed for consistency, data relationships, and completeness. Past analysis has shown approximately half of all changes made by editors were for correcting data recorded in the wrong cell. In cases where respondents were unable or unwilling to report data for any item on the questionnaire, the field enumerators or survey statisticians can impute a value. For income cells, debt/asset data, and a few expense items an imputation algorithm supplied data for any marked missing values based on similar size and type of operations after all records have cleared the edit. For other expense items where no data were reported, cells were edited by the survey statistician to a positive value based on other reported values from similar operations, previously reported data, or other administrative sources.

Macro analysis is accomplished using the Interactive Data Analysis System (IDAS). This allows analysts to compare groups of records to find outliers or other unusual relationships. Adjustments to the records for keying and reporting errors are often found and corrected at this level.

Commodity statisticians edit data along with NASS Regional Field Office (RFO) statisticians providing a ground truth understanding of the dataset. IDAS analysis starts early on a national basis before all records are entered into the database and cleaned of errors. Headquarters personnel review outliers, contract pricing, and profitability measures across records. Feedback is provided to RFO editors on specific records and general procedures as record editing progresses.

Outliers: Outliers are checked for accurate data and mitigated through a review process by the Agricultural Statistics Board (ASB). This mitigation is usually a reweighting to the median of the economic class by farm type at the state or regional level. National expense outliers are treated on an individual basis and weighting actions are approved by the ASB.

Calibration: Since 1992, the Direct Expansion (DE) summary has been adjusted for under coverage and total number of farms. In 2003, a second calibrated summary was developed which uses a more robust methodology that adjusts weights based on an increased number of target commodities. The sources for the targets are official USDA-NASS estimates. Additional targets may be added to control for commodities in the COP questionnaire versions. The sample weights are calibrated to these targets to ensure that farms of all sizes are properly represented in the survey results and that their economic activity is fully representative of the farm population.

Estimation: The implementation of the estimates analysis tool Review, Estimation, Comment, Analysis, and Publication (RECAP) was completed in 2018. RECAP improvements have enabled the establishment and revision of some 1,360 estimates now contained in this publication. The RECAP tools provide more administrative data, charting, and sample coverage data analysis to NASS statisticians when completing summary review.

Expenditure estimates are set on the state-level for states that have large samples and high agricultural production. These states are Arkansas, California, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Carolina, Texas, Washington, and Wisconsin. As a final estimate step, state expenditure estimates are reviewed and commented on by the 15 Estimate States. All other states are grouped by region and an estimate is set. These are used by ERS to develop the value-added tables.

After data are summarized, a combined NASS/ERS Board is used for outlier treatment and confirmation of National Expenditure Estimates. This board procedure is consistent with the procedure used to set estimates for other NASS surveys. Seventeen United States level line items are set first on the rounded indication. After the Farm Production Expenditures Board formally approves the national estimates, NASS set estimates for line items in regions, 15 states, type of farm, economic class, and fuel sub-components. NASS publishes the expenditures and ERS staff set USDA estimates for income and demographic data.

Revision Policy: Each publication contains the current year preliminary estimates and the previous year final estimates. Farm Production Expenditure estimates are subject to revision one year after their preliminary release. Revisions are made only when additional information becomes available that changes the summarization of survey results. Additional information may become available when the calibration methodologies for production estimates are improved or revisions

occur in farm number estimates by sales class or other official estimates of commodity production. Data are not subject to revision in the five-year census cycle.

For more information concerning methodology and quality measures, see Farm Production Expenditures Methodology and Quality Measures located at https://www.nass.usda.gov/Publications/Methodology_and_Data_Quality/.

Information Contacts

Listed below are the commodity statisticians in the Environmental, Economics, and Demographics Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

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Michael Mathison – Cash Rents, Farms, Land in Farms, Grazing Fees.....	(202) 720-3243
Scott Peterson – Prices Received Indexes, Parity Prices, Prices Paid Indexes	(202) 690-0726
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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

If you have specific questions you would like an expert to respond to, please visit our “Ask A Specialist” website at www.nass.usda.gov/Contact_Us/Ask_a_Specialist.

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