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Farm Production Expenditures 2022 Summary

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2022 United States Total Farm Production Expenditure Highlights

Farm production expenditures in the United States are estimated at \$452.7 billion for 2022, up from \$392.9 billion in 2021. The 2022 total farm production expenditures are up 15.2 percent compared with 2021 total farm production expenditures. All 17-line items showed an increase from the previous year.

The four largest expenditures at the United States level total \$219.6 billion and account for 48.5 percent of total expenditures in 2022. These include feed, 18.5 percent, farm services, 10.8 percent, livestock, poultry, and related expenses, 10.1 percent, and labor, 9.2 percent.

In 2022, the United States total farm expenditure average per farm is \$226,986, up 15.8 percent from \$196,087 in 2021. On average, United States farm operations spent \$41,917 on feed, \$22,864 on livestock, poultry, and related expenses, \$24,469 on farm services, and \$20,858 on labor. For 2021, United States farms spent an average of \$32,540 on feed, \$22,458 on farm services, \$21,161 on livestock, poultry, and related expenses, and \$18,366 on labor.

Total fuel expense is \$17.4 billion. Diesel, the largest sub-component, is \$11.4 billion, accounting for 65.5 percent. Diesel expenditures are up 35.4 percent from the previous year. Gasoline is \$3.0 billion, up 22.2 percent. LP gas is \$2.0 billion, up 41.0 percent. Other fuel is \$1,000 million, up 63.9 percent.

The United States economic sales class contributing most to the 2022 United States total expenditures is the \$1,000,000 \$4,999,999 class, with expenses of \$149.1 billion, 32.9 percent of the United States total, up 22.1 percent from the 2021 level of \$122.1 billion. The next highest is the \$5,000,000 and over class with \$130.8 billion, up 11.8 percent from \$116.9 billion in 2021.

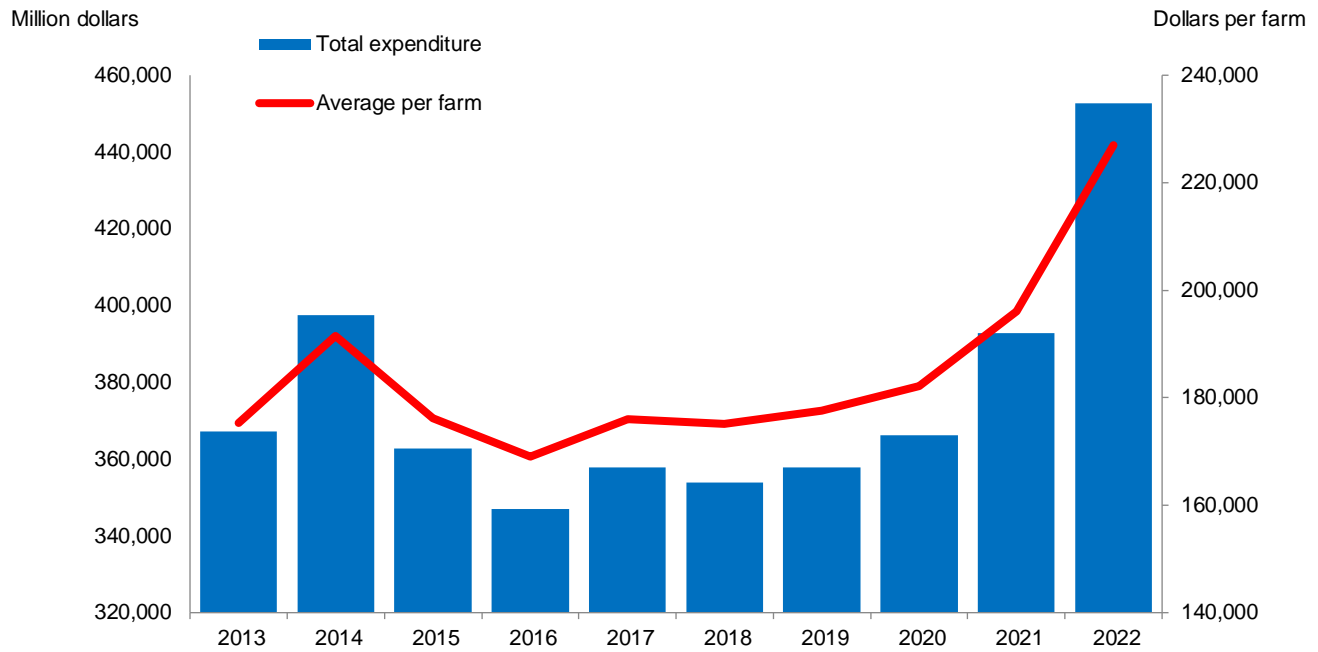
In 2022, crop farms expenditures increased to \$233.8 billion, up 12.6 percent, while livestock farms expenditures increased to \$218.9 billion, up 18.1 percent. The largest expenditures for crop farms are fertilizer, lime, and soil conditioners at \$31.9 billion (13.6 percent), labor at \$29.0 billion (12.4 percent), farm services at \$28.6 billion (12.2 percent), and rent at \$26.7 billion (11.4 percent). Combined crop inputs (chemicals, fertilizers, and seeds) are \$73.4 billion, accounting for 31.4 percent of crop farms total expenses. The largest expenditures for livestock farms are feed at \$81.0 billion (37.0 percent of total), livestock, poultry, and related expenses at \$43.2 billion (19.7 percent), and farm services at \$20.2 billion (9.2 percent). Together, these line items account for 66.0 percent of livestock farms total expenses. The average total expenditure for a crop farm is \$259,246 compared to \$200,359 per livestock farm.

The Midwest region contributed the most to United States total expenditures with expenses of \$141.6 billion (31.4 percent), up from \$124.9 billion in 2021. Other regions, ranked by total expenditures, are the Plains at \$112.1 billion (24.8 percent), West at \$98.0 billion (21.7 percent), Atlantic at \$54.0 billion (11.9 percent), and South at \$47.0 billion (10.4 percent).

Combined total expenditures for the 15 estimate states is \$302.5 billion in 2022 (66.8 percent of the United States total expenditures) and \$266.4 billion in 2021 (67.8 percent). California contributed most to the 2022 United States total expenditures, with expenses of \$46.0 billion, (10.2 percent). California expenditures are up 9.2 percent from the 2021 estimate of \$42.2 billion. Iowa, the next leading state, has \$35.7 billion in expenses, (7.9 percent). Other states with more than \$24 billion in total expenditures are Texas with \$29.0 billion, Nebraska with \$28.5 billion, and Kansas with \$24.7 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: 2013-2022



Farm Production Expenditures by Expenditure Category and Percent of Total – United States: 2021 and 2022

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

Expenditure	2021		2022	
	(million dollars)	(percent)	(million dollars)	(percent)
Livestock, poultry, and related expenses	42,400	10.8	45,600	10.1
Feed	65,200	16.6	83,600	18.5
Farm services	45,000	11.5	48,800	10.8
Rent	32,000	8.1	32,300	7.1
Agricultural chemicals	17,800	4.5	21,300	4.7
Fertilizer, lime, and soil conditioners	29,500	7.5	36,800	8.1
Interest	8,700	2.2	9,000	2.0
Taxes	14,700	3.7	16,000	3.5
Labor	36,800	9.4	41,600	9.2
Fuel	12,900	3.3	17,400	3.8
Farm supplies and repairs	20,200	5.1	21,800	4.8
Farm improvements and construction	14,500	3.7	19,000	4.2
Tractors and self-propelled farm machinery	17,600	4.5	19,100	4.2
Other farm machinery	7,000	1.8	7,800	1.7
Seeds and plants	22,300	5.7	24,900	5.5
Trucks and autos	5,200	1.3	6,000	1.3
Miscellaneous capital expenses	1,100	0.3	1,700	0.4
Total farm production expenditures	392,900	100.0	452,700	100.0

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	24.2	24.6	21,161	22,864	42,400	45,600
Feed	53.4	55.4	32,540	41,917	65,200	83,600
Farm services	90.1	88.8	22,458	24,469	45,000	48,800
Rent	28.0	24.8	15,970	16,195	32,000	32,300
Agricultural chemicals	43.3	39.1	8,884	10,680	17,800	21,300
Fertilizer, lime, and soil conditioners	52.9	43.3	14,723	18,452	29,500	36,800
Interest	27.1	25.7	4,342	4,513	8,700	9,000
Taxes	99.6	99.3	7,336	8,022	14,700	16,000
Labor	23.1	21.7	18,366	20,858	36,800	41,600
Fuel	82.9	81.9	6,438	8,724	12,900	17,400
Farm supplies and repairs	80.1	78.8	10,081	10,931	20,200	21,800
Farm improvements and construction	46.3	46.7	7,237	9,527	14,500	19,000
Tractors and self-propelled farm machinery	14.5	13.0	8,784	9,577	17,600	19,100
Other farm machinery	13.7	13.0	3,494	3,911	7,000	7,800
Seeds and plants	39.7	35.9	11,129	12,485	22,300	24,900
Trucks and autos	11.2	10.7	2,595	3,008	5,200	6,000
Miscellaneous capital expenses	7.0	7.8	549	852	1,100	1,700
Total farm production expenditures	100.0	100.0	196,087	226,986	392,900	452,700

Farm Production Expenditures by Year – United States: 2018-2022

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

Expenditure	2018	2019	2020	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	46,300	42,800	39,600	42,400	45,600
Feed	53,800	59,400	56,800	65,200	83,600
Farm services	44,100	42,800	44,700	45,000	48,800
Rent	28,800	29,700	30,100	32,000	32,300
Agricultural chemicals	15,400	15,500	16,500	17,800	21,300
Fertilizer, lime, and soil conditioners	23,200	22,300	24,400	29,500	36,800
Interest	9,800	10,500	9,900	8,700	9,000
Taxes	12,800	13,400	14,100	14,700	16,000
Labor	33,900	34,800	36,700	36,800	41,600
Fuel	12,300	12,300	11,100	12,900	17,400
Farm supplies and repairs	17,200	17,600	19,400	20,200	21,800
Farm improvements and construction	12,700	13,500	14,400	14,500	19,000
Tractors and self-propelled farm machinery	11,300	11,900	13,700	17,600	19,100
Other farm machinery	5,200	5,100	6,000	7,000	7,800
Seeds and plants	21,900	21,200	23,000	22,300	24,900
Trucks and autos	4,610	4,430	5,100	5,200	6,000
Miscellaneous capital expenses	690	570	700	1,100	1,700
Total farm production expenditures	354,000	357,800	366,200	392,900	452,700

Farm Production Expenditures by Percent of Total – United States: 2018-2022

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

Expenditure	2018	2019	2020	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)
Livestock, poultry, and related expenses	13.1	12.0	10.8	10.8	10.1
Feed	15.2	16.6	15.5	16.6	18.5
Farm services	12.5	12.0	12.2	11.5	10.8
Rent	8.1	8.3	8.2	8.1	7.1
Agricultural chemicals	4.4	4.3	4.5	4.5	4.7
Fertilizer, lime, and soil conditioners	6.6	6.2	6.7	7.5	8.1
Interest	2.8	2.9	2.7	2.2	2.0
Taxes	3.6	3.7	3.9	3.7	3.5
Labor	9.6	9.7	10.0	9.4	9.2
Fuel	3.5	3.4	3.0	3.3	3.8
Farm supplies and repairs	4.9	4.9	5.3	5.1	4.8
Farm improvements and construction	3.6	3.8	3.9	3.7	4.2
Tractors and self-propelled farm machinery	3.2	3.3	3.7	4.5	4.2
Other farm machinery	1.5	1.4	1.6	1.8	1.7
Seeds and plants	6.2	5.9	6.3	5.7	5.5
Trucks and autos	1.3	1.2	1.4	1.3	1.3
Miscellaneous capital expenses	0.2	0.2	0.2	0.3	0.4
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: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	8.6	9.3	2,433	2,661	2,300	2,400
Feed	15.5	18.4	2,010	2,883	1,900	2,600
Farm services	86.1	84.1	28,561	31,714	27,000	28,600
Rent	30.3	28.2	28,878	29,607	27,300	26,700
Agricultural chemicals	53.0	51.5	17,031	21,291	16,100	19,200
Fertilizer, lime, and soil conditioners	62.0	57.5	26,763	35,373	25,300	31,900
Interest	27.8	26.5	5,395	5,434	5,100	4,900
Taxes	99.9	99.7	9,944	10,978	9,400	9,900
Labor	23.6	24.3	26,869	32,158	25,400	29,000
Fuel	80.2	78.7	8,463	12,087	8,000	10,900
Farm supplies and repairs	75.7	74.3	12,905	14,415	12,200	13,000
Farm improvements and construction	43.1	43.8	8,251	10,645	7,800	9,600
Tractors and self-propelled farm machinery	15.5	14.1	12,482	14,859	11,800	13,400
Other farm machinery	14.8	15.7	5,141	5,988	4,860	5,400
Seeds and plants	53.8	52.4	21,051	24,728	19,900	22,300
Trucks and autos	12.2	11.3	2,930	3,493	2,770	3,150
Miscellaneous capital expenses	6.8	7.8	487	931	460	840
Total farm production expenditures	100.0	100.0	219,593	259,246	207,590	233,790

Livestock Farms Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	38.2	37.2	37,889	39,539	40,100	43,200
Feed	87.2	85.9	59,810	74,136	63,300	81,000
Farm services	93.6	92.7	17,007	18,488	18,000	20,200
Rent	25.9	21.9	4,441	5,125	4,700	5,600
Agricultural chemicals	34.6	29.0	1,606	1,922	1,700	2,100
Fertilizer, lime, and soil conditioners	44.7	31.7	3,968	4,485	4,200	4,900
Interest	26.4	24.9	3,401	3,753	3,600	4,100
Taxes	99.3	99.0	5,008	5,583	5,300	6,100
Labor	22.7	19.6	10,771	11,532	11,400	12,600
Fuel	85.3	84.6	4,630	5,949	4,900	6,500
Farm supplies and repairs	84.0	82.6	7,559	8,054	8,000	8,800
Farm improvements and construction	49.2	49.1	6,331	8,603	6,700	9,400
Tractors and self-propelled farm machinery	13.6	12.2	5,480	5,217	5,800	5,700
Other farm machinery	12.6	10.8	2,022	2,197	2,140	2,400
Seeds and plants	27.2	22.4	2,268	2,380	2,400	2,600
Trucks and autos	10.3	10.1	2,296	2,608	2,430	2,850
Miscellaneous capital expenses	7.1	7.9	605	787	640	860
Total farm production expenditures	100.0	100.0	175,092	200,359	185,310	218,910

Farm Production Expenditures, Economic Class Gross Sales, by Percent of Total, Average per Farm, and Total – United States: 2021 and 2022

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

Economic Class	Percent of total		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Less than \$10,000	4.8	4.4	18,446	19,822	18,820	20,060
\$10,000 - \$49,999	4.8	4.7	40,047	44,972	18,990	21,160
\$50,000 - \$99,999	3.3	2.9	93,948	96,076	12,870	13,320
\$100,000 - \$249,999	6.1	6.0	178,972	200,208	24,120	26,990
\$250,000 - \$499,999	8.1	7.7	358,589	395,617	31,710	35,020
\$500,000 - \$999,999	12.1	12.4	666,339	786,293	47,390	56,330
\$1,000,000 - \$4,999,999	31.1	32.9	1,765,693	2,160,771	122,080	149,050
\$5,000,000 and over	29.8	28.9	13,271,283	14,076,426	116,920	130,770
Total farm production expenditures	100.0	100.0	196,087	226,986	392,900	452,700

Farm Production Expenditures, Economic Class Gross Sales of Less than \$10,000 by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	17.0	18.4	392	435	400	440
Feed	53.2	54.0	1,784	1,996	1,820	2,020
Farm services	84.1	81.5	2,617	2,609	2,670	2,640
Rent	8.7	6.5	206	198	210	200
Agricultural chemicals	24.0	20.1	147	138	150	140
Fertilizer, lime, and soil conditioners	35.7	24.3	529	464	540	470
Interest	13.1	12.4	588	672	600	680
Taxes	99.4	99.1	2,568	2,737	2,620	2,770
Labor	12.3	10.6	843	958	860	970
Fuel	75.1	71.7	863	1,087	880	1,100
Farm supplies and repairs	70.7	68.8	1,451	1,502	1,480	1,520
Farm improvements and construction	38.8	37.8	2,490	3,182	2,540	3,220
Tractors and self-propelled farm machinery	10.2	8.7	2,009	1,798	2,050	1,820
Other farm machinery	6.9	6.9	647	425	660	430
Seeds and plants	22.2	18.9	284	217	290	220
Trucks and autos	7.0	5.2	833	1,047	850	1,060
Miscellaneous capital expenses	3.8	5.1	196	356	200	360
Total farm production expenditures	100.0	100.0	18,446	19,822	18,820	20,060

Farm Production Expenditures, Economic Class Gross Sales of \$10,000-\$49,999 by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	27.4	24.3	1,898	1,658	900	780
Feed	57.6	62.2	3,564	4,378	1,690	2,060
Farm services	92.4	93.1	5,167	6,865	2,450	3,230
Rent	29.6	24.7	1,265	1,275	600	600
Agricultural chemicals	43.8	37.9	822	701	390	330
Fertilizer, lime, and soil conditioners	55.9	44.8	2,383	2,465	1,130	1,160
Interest	27.9	24.3	1,771	1,190	840	560
Taxes	99.6	99.2	4,112	4,251	1,950	2,000
Labor	21.1	18.3	1,666	2,317	790	1,090
Fuel	84.5	88.4	2,130	2,657	1,010	1,250
Farm supplies and repairs	83.5	82.5	3,269	3,698	1,550	1,740
Farm improvements and construction	47.2	46.6	3,269	4,314	1,550	2,030
Tractors and self-propelled farm machinery	12.4	11.4	3,437	3,741	1,630	1,760
Other farm machinery	13.4	10.9	1,223	999	580	470
Seeds and plants	37.9	32.3	1,223	1,063	580	500
Trucks and autos	10.9	12.8	2,235	2,635	1,060	1,240
Miscellaneous capital expenses	8.1	7.9	612	765	290	360
Total farm production expenditures	100.0	100.0	40,047	44,972	18,990	21,160

Farm Production Expenditures, Economic Class Gross Sales of \$50,000-\$99,999 by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	32.0	29.2	4,745	4,472	650	620
Feed	53.7	56.0	6,935	8,223	950	1,140
Farm services	99.5	98.0	12,702	12,190	1,740	1,690
Rent	47.4	42.3	5,475	4,977	750	690
Agricultural chemicals	69.2	61.7	3,577	3,534	490	490
Fertilizer, lime, and soil conditioners	76.9	67.3	8,030	8,728	1,100	1,210
Interest	40.0	34.6	3,577	3,029	490	420
Taxes	99.9	100.0	6,643	6,708	910	930
Labor	31.2	28.8	7,081	8,078	970	1,120
Fuel	93.1	90.6	4,672	5,698	640	790
Farm supplies and repairs	90.6	90.2	7,081	7,141	970	990
Farm improvements and construction	51.9	56.8	5,694	6,420	780	890
Tractors and self-propelled farm machinery	17.4	14.0	6,132	5,338	840	740
Other farm machinery	18.3	20.1	2,482	3,390	340	470
Seeds and plants	62.8	56.3	4,599	4,256	630	590
Trucks and autos	14.7	14.2	3,796	2,741	520	380
Miscellaneous capital expenses	9.3	10.8	730	1,154	100	160
Total farm production expenditures	100.0	100.0	93,948	96,076	12,870	13,320

Farm Production Expenditures, Economic Class Gross Sales of \$100,000-\$249,999 by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	35.2	36.3	8,533	8,976	1,150	1,210
Feed	51.5	50.0	12,688	17,654	1,710	2,380
Farm services	99.8	99.8	23,596	26,037	3,180	3,510
Rent	62.3	58.2	14,469	14,910	1,950	2,010
Agricultural chemicals	79.3	79.2	8,904	10,978	1,200	1,480
Fertilizer, lime, and soil conditioners	86.8	81.8	17,586	21,957	2,370	2,960
Interest	47.6	49.6	4,971	4,970	670	670
Taxes	100.0	99.9	9,052	11,053	1,220	1,490
Labor	36.6	39.7	10,462	12,907	1,410	1,740
Fuel	97.8	95.8	8,533	10,311	1,150	1,390
Farm supplies and repairs	96.6	95.4	14,172	14,836	1,910	2,000
Farm improvements and construction	56.3	63.0	8,533	9,940	1,150	1,340
Tractors and self-propelled farm machinery	19.6	17.6	14,024	10,756	1,890	1,450
Other farm machinery	25.9	24.5	6,084	5,860	820	790
Seeds and plants	78.2	74.6	12,688	12,833	1,710	1,730
Trucks and autos	16.6	14.8	3,562	4,673	480	630
Miscellaneous capital expenses	12.8	13.0	1,113	1,558	150	210
Total farm production expenditures	100.0	100.0	178,972	200,208	24,120	26,990

Farm Production Expenditures, Economic Class Gross Sales of \$250,000-\$499,999 by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	38.4	40.0	21,938	19,770	1,940	1,750
Feed	49.3	49.4	30,759	39,539	2,720	3,500
Farm services	99.9	100.0	41,389	46,656	3,660	4,130
Rent	74.9	71.0	38,335	37,280	3,390	3,300
Agricultural chemicals	87.9	85.1	21,147	25,983	1,870	2,300
Fertilizer, lime, and soil conditioners	87.6	87.7	38,901	46,317	3,440	4,100
Interest	59.3	57.8	9,160	9,376	810	830
Taxes	100.0	99.6	15,266	17,284	1,350	1,530
Labor	49.4	45.9	22,051	27,113	1,950	2,400
Fuel	98.6	99.3	14,927	19,544	1,320	1,730
Farm supplies and repairs	97.6	98.2	22,504	24,514	1,990	2,170
Farm improvements and construction	63.2	64.3	11,535	16,945	1,020	1,500
Tractors and self-propelled farm machinery	27.4	23.1	23,408	16,719	2,070	1,480
Other farm machinery	31.3	29.2	9,838	10,506	870	930
Seeds and plants	83.6	81.9	29,515	29,033	2,610	2,570
Trucks and autos	23.0	20.8	7,011	7,117	620	630
Miscellaneous capital expenses	10.5	12.6	905	1,920	80	170
Total farm production expenditures	100.0	100.0	358,589	395,617	31,710	35,020

Farm Production Expenditures, Economic Class Gross Sales of \$500,000-\$999,999 by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	31.9	38.6	37,402	46,064	2,660	3,300
Feed	39.5	48.2	52,165	79,564	3,710	5,700
Farm services	100.0	100.0	75,928	83,752	5,400	6,000
Rent	79.5	75.0	82,958	83,752	5,900	6,000
Agricultural chemicals	92.4	86.8	44,994	53,881	3,200	3,860
Fertilizer, lime, and soil conditioners	91.5	87.0	73,116	97,711	5,200	7,000
Interest	69.6	66.3	17,717	17,588	1,260	1,260
Taxes	100.0	100.0	25,731	27,917	1,830	2,000
Labor	60.1	61.4	53,712	58,347	3,820	4,180
Fuel	99.6	99.5	25,028	35,036	1,780	2,510
Farm supplies and repairs	98.4	98.3	39,933	42,295	2,840	3,030
Farm improvements and construction	67.8	69.4	19,826	25,405	1,410	1,820
Tractors and self-propelled farm machinery	31.8	32.2	36,839	42,295	2,620	3,030
Other farm machinery	32.8	34.7	15,467	18,146	1,100	1,300
Seeds and plants	85.9	83.2	55,259	62,116	3,930	4,450
Trucks and autos	24.7	25.6	8,577	10,050	610	720
Miscellaneous capital expenses	16.0	14.8	1,687	2,373	120	170
Total farm production expenditures	100.0	100.0	666,339	786,293	47,390	56,330

Farm Production Expenditures, Economic Class Gross Sales of \$1,000,000-\$4,999,999 by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	44.3	47.4	159,097	179,762	11,000	12,400
Feed	50.2	51.9	297,946	397,217	20,600	27,400
Farm services	100.0	100.0	192,363	213,105	13,300	14,700
Rent	77.5	75.4	205,380	210,206	14,200	14,500
Agricultural chemicals	89.1	87.9	104,137	127,573	7,200	8,800
Fertilizer, lime, and soil conditioners	84.2	82.2	163,437	210,206	11,300	14,500
Interest	70.9	73.7	35,291	40,447	2,440	2,790
Taxes	100.0	100.0	46,138	52,334	3,190	3,610
Labor	74.5	77.4	137,402	179,762	9,500	12,400
Fuel	99.2	99.7	57,275	81,183	3,960	5,600
Farm supplies and repairs	98.3	99.0	82,441	88,431	5,700	6,100
Farm improvements and construction	73.2	74.0	47,729	71,325	3,300	4,920
Tractors and self-propelled farm machinery	38.7	39.7	73,763	101,479	5,100	7,000
Other farm machinery	36.6	35.3	30,229	40,447	2,090	2,790
Seeds and plants	81.7	79.7	120,046	149,319	8,300	10,300
Trucks and autos	26.6	29.6	11,281	14,932	780	1,030
Miscellaneous capital expenses	14.1	16.6	1,736	3,044	120	210
Total farm production expenditures	100.0	100.0	1,765,693	2,160,771	122,080	149,050

Farm Production Expenditures, Economic Class Gross Sales of \$5,000,000 and Over by Farms Reporting, Average per Farm, and Total – United States: 2021 and 2022

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

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	45.8	48.9	2,690,125	2,701,830	23,700	25,100
Feed	56.1	59.9	3,632,236	4,241,119	32,000	39,400
Farm services	100.0	100.0	1,430,193	1,388,590	12,600	12,900
Rent	73.5	68.4	567,537	538,213	5,000	5,000
Agricultural chemicals	85.1	87.0	374,574	419,806	3,300	3,900
Fertilizer, lime, and soil conditioners	84.0	83.5	501,703	581,270	4,420	5,400
Interest	76.8	79.1	180,477	192,680	1,590	1,790
Taxes	100.0	100.0	185,017	179,763	1,630	1,670
Labor	92.5	93.4	1,986,379	1,905,274	17,500	17,700
Fuel	99.1	99.9	245,176	326,157	2,160	3,030
Farm supplies and repairs	99.1	99.4	426,788	457,481	3,760	4,250
Farm improvements and construction	83.6	83.3	312,145	353,068	2,750	3,280
Tractors and self-propelled farm machinery	48.2	44.3	158,910	195,910	1,400	1,820
Other farm machinery	38.2	29.7	61,294	66,738	540	620
Seeds and plants	81.1	81.4	482,406	488,698	4,250	4,540
Trucks and autos	36.4	33.1	31,782	33,369	280	310
Miscellaneous capital expenses	15.5	20.9	4,540	6,459	40	60
Total farm production expenditures	100.0	100.0	13,271,283	14,076,426	116,920	130,770

Fuel Production Expenditure Sub-Components by Type of Farm, Economic Class, and Region – United States: 2021 and 2022

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

Type of farm	Fuel production expenditure									
	Total		Diesel		Gasoline		LP gas		Other fuel	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Crop farms	8,000	10,900	5,500	7,600	1,420	1,700	740	1,000	340	600
Livestock farms	4,900	6,500	2,920	3,800	1,010	1,270	700	1,030	270	400

Economic class	Fuel production expenditure									
	Total		Diesel		Gasoline		LP gas		Other fuel	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
	(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	1,100	500	600	290	330	60	100	30	70
\$10,000 - \$49,999	1,010	1,250	650	780	280	360	60	80	20	30
\$50,000 - \$99,999	640	790	410	520	160	190	60	60	10	20
\$100,000 - \$249,999	1,150	1,390	770	950	270	290	90	130	20	20
\$250,000 - \$499,999	1,320	1,730	900	1,250	240	280	140	180	40	20
\$500,000 - \$999,999	1,780	2,510	1,210	1,730	280	380	210	300	80	100
\$1,000,000 - \$4,999,999	3,960	5,600	2,620	3,710	570	720	560	770	210	400
\$5,000,000 and over	2,160	3,030	1,360	1,860	340	420	260	410	200	340

Region	Fuel production expenditure									
	Total		Diesel		Gasoline		LP gas		Other fuel	
	2021	2022	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Atlantic	1,630	2,420	970	1,480	370	410	210	320	80	210
South	1,510	2,010	910	1,280	330	350	190	250	80	130
Midwest	3,810	5,300	2,440	3,510	530	700	690	840	150	250
Plains	3,250	4,130	2,300	2,820	580	720	200	340	170	250
West	2,700	3,540	1,800	2,310	620	790	150	280	130	160
United States	12,900	17,400	8,420	11,400	2,430	2,970	1,440	2,030	610	1,000

Farm Production Expenditures – Region, State, and United States: 2021 and 2022

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

Region and state	Total farm production expenditures		Livestock, poultry, and related expenses			
	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic						
North Carolina	11,605	14,145	1,800	1,880	15.5	13.3
Other States	31,315	39,880	1,980	1,820	6.3	4.6
Total	42,920	54,025	3,780	3,700	8.8	6.8
South						
Arkansas	8,485	10,445	1,050	1,210	12.4	11.6
Florida	7,900	7,545	110	120	1.4	1.6
Georgia	8,155	9,640	1,190	1,200	14.6	12.4
Other States	14,675	19,360	1,420	1,970	9.7	10.2
Total	39,215	46,990	3,770	4,500	9.6	9.6
Midwest						
Illinois	17,410	21,775	490	800	2.8	3.7
Indiana	11,045	13,035	590	800	5.3	6.1
Iowa	33,990	35,685	5,290	5,300	15.6	14.9
Minnesota	20,170	21,420	1,540	1,560	7.6	7.3
Missouri	11,625	13,150	820	1,180	7.1	9.0
Wisconsin	11,640	14,700	300	510	2.6	3.5
Other States	19,050	21,790	1,180	1,250	6.2	5.7
Total	124,930	141,555	10,210	11,400	8.2	8.1
Plains						
Kansas	22,550	24,690	6,760	7,100	30.0	28.8
Nebraska	24,520	28,530	6,520	6,700	26.6	23.5
Texas	26,045	29,030	5,680	5,700	21.8	19.6
Other States	26,060	29,870	2,450	2,700	9.4	9.0
Total	99,175	112,120	21,410	22,200	21.6	19.8
West						
California	42,165	46,045	850	850	2.0	1.8
Washington	9,065	12,650	470	500	5.2	4.0
Other States	35,430	39,315	1,910	2,450	5.4	6.2
Total	86,660	98,010	3,230	3,800	3.7	3.9
United States	392,900	452,700	42,400	45,600	10.8	10.1

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Farm Production Expenditures – Region, State, and United States: 2021 and 2022 (continued)

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

Region and state	Feed				Farm services			
	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	4,230	5,400	36.4	38.2	890	1,200	7.7	8.5
Other States	5,860	5,700	18.7	14.3	3,820	5,000	12.2	12.5
Total	10,090	11,100	23.5	20.5	4,710	6,200	11.0	11.5
South								
Arkansas	2,160	3,160	25.5	30.3	790	790	9.3	7.6
Florida	570	860	7.2	11.4	970	950	12.3	12.6
Georgia	2,550	3,080	31.3	32.0	770	920	9.4	9.5
Other States	3,590	5,900	24.5	30.5	1,660	1,840	11.3	9.5
Total	8,870	13,000	22.6	27.7	4,190	4,500	10.7	9.6
Midwest								
Illinois	750	700	4.3	3.2	1,480	1,670	8.5	7.7
Indiana	910	1,550	8.2	11.9	1,040	1,260	9.4	9.7
Iowa	7,880	7,900	23.2	22.1	3,180	2,690	9.4	7.5
Minnesota	3,690	3,400	18.3	15.9	1,930	1,910	9.6	8.9
Missouri	1,650	1,830	14.2	13.9	1,060	1,160	9.1	8.8
Wisconsin	2,240	3,310	19.2	22.5	1,580	1,640	13.6	11.2
Other States	2,410	3,410	12.7	15.6	1,960	2,270	10.3	10.4
Total	19,530	22,100	15.6	15.6	12,230	12,600	9.8	8.9
Plains								
Kansas	3,870	5,000	17.2	20.3	1,670	1,680	7.4	6.8
Nebraska	2,960	4,500	12.1	15.8	2,040	2,340	8.3	8.2
Texas	5,170	6,200	19.9	21.4	2,860	3,010	11.0	10.4
Other States	2,280	4,300	8.7	14.4	2,520	3,270	9.7	10.9
Total	14,280	20,000	14.4	17.8	9,090	10,300	9.2	9.2
West								
California	4,980	6,800	11.8	14.8	8,830	8,600	20.9	18.7
Washington	1,120	1,100	12.4	8.7	1,150	2,100	12.7	16.6
Other States	6,330	9,500	17.9	24.2	4,800	4,500	13.5	11.4
Total	12,430	17,400	14.3	17.8	14,780	15,200	17.1	15.5
United States	65,200	83,600	16.6	18.5	45,000	48,800	11.5	10.8

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Farm Production Expenditures – Region, State, and United States: 2021 and 2022 (continued)

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

Region and state	Rent				Agricultural chemicals			
	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	340	270	2.9	1.9	410	500	3.5	3.5
Other States	1,290	1,540	4.1	3.9	1,040	1,330	3.3	3.3
Total	1,630	1,810	3.8	3.4	1,450	1,830	3.4	3.4
South								
Arkansas	780	660	9.2	6.3	510	750	6.0	7.2
Florida	115	130	1.5	1.7	400	355	5.1	4.7
Georgia	185	290	2.3	3.0	360	445	4.4	4.6
Other States	920	1,050	6.3	5.4	760	1,020	5.2	5.3
Total	2,000	2,130	5.1	4.5	2,030	2,570	5.2	5.5
Midwest								
Illinois	3,670	4,430	21.1	20.3	1,390	1,900	8.0	8.7
Indiana	1,700	1,670	15.4	12.8	780	970	7.1	7.4
Iowa	3,740	4,050	11.0	11.3	1,350	1,630	4.0	4.6
Minnesota	2,060	2,310	10.2	10.8	840	1,070	4.2	5.0
Missouri	1,350	1,410	11.6	10.7	630	710	5.4	5.4
Wisconsin	550	670	4.7	4.6	360	480	3.1	3.3
Other States	1,630	1,660	8.6	7.6	850	1,140	4.5	5.2
Total	14,700	16,200	11.8	11.4	6,200	7,900	5.0	5.6
Plains								
Kansas	2,100	1,410	9.3	5.7	910	1,130	4.0	4.6
Nebraska	2,970	2,920	12.1	10.2	1,040	1,190	4.2	4.2
Texas	1,120	1,050	4.3	3.6	650	590	2.5	2.0
Other States	3,010	2,720	11.6	9.1	1,490	1,810	5.7	6.1
Total	9,200	8,100	9.3	7.2	4,090	4,720	4.1	4.2
West								
California	1,810	1,920	4.3	4.2	2,210	2,280	5.2	5.0
Washington	510	570	5.6	4.5	520	750	5.7	5.9
Other States	2,150	1,570	6.1	4.0	1,300	1,250	3.7	3.2
Total	4,470	4,060	5.2	4.1	4,030	4,280	4.7	4.4
United States	32,000	32,300	8.1	7.1	17,800	21,300	4.5	4.7

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Farm Production Expenditures – Region, State, and United States: 2021 and 2022 (continued)

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

Region and state	Fertilizer, lime, and soil conditioners				Interest			
	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	550	710	4.7	5.0	120	140	1.0	1.0
Other States	2,270	2,990	7.2	7.5	710	750	2.3	1.9
Total	2,820	3,700	6.6	6.8	830	890	1.9	1.6
South								
Arkansas	490	650	5.8	6.2	165	150	1.9	1.4
Florida	450	510	5.7	6.8	70	105	0.9	1.4
Georgia	500	630	6.1	6.5	85	155	1.0	1.6
Other States	930	1,610	6.3	8.3	220	210	1.5	1.1
Total	2,370	3,400	6.0	7.2	540	620	1.4	1.3
Midwest								
Illinois	2,200	3,160	12.6	14.5	380	400	2.2	1.8
Indiana	1,420	1,810	12.9	13.9	320	270	2.9	2.1
Iowa	2,560	3,330	7.5	9.3	860	670	2.5	1.9
Minnesota	1,750	2,370	8.7	11.1	540	520	2.7	2.4
Missouri	1,340	1,570	11.5	11.9	370	360	3.2	2.7
Wisconsin	990	1,290	8.5	8.8	410	430	3.5	2.9
Other States	1,600	2,270	8.4	10.4	590	420	3.1	1.9
Total	11,860	15,800	9.5	11.2	3,470	3,070	2.8	2.2
Plains								
Kansas	1,440	1,750	6.4	7.1	300	350	1.3	1.4
Nebraska	1,820	2,230	7.4	7.8	420	430	1.7	1.5
Texas	1,170	1,320	4.5	4.5	490	580	1.9	2.0
Other States	2,610	3,000	10.0	10.0	790	720	3.0	2.4
Total	7,040	8,300	7.1	7.4	2,000	2,080	2.0	1.9
West								
California	2,360	2,350	5.6	5.1	890	1,090	2.1	2.4
Washington	540	850	6.0	6.7	170	250	1.9	2.0
Other States	2,510	2,400	7.1	6.1	800	1,000	2.3	2.5
Total	5,410	5,600	6.2	5.7	1,860	2,340	2.1	2.4
United States	29,500	36,800	7.5	8.1	8,700	9,000	2.2	2.0

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Farm Production Expenditures – Region, State, and United States: 2021 and 2022 (continued)

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

Region and state	Taxes				Labor			
	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	230	330	2.0	2.3	910	1,300	7.8	9.2
Other States	1,770	1,990	5.7	5.0	2,960	4,900	9.5	12.3
Total	2,000	2,320	4.7	4.3	3,870	6,200	9.0	11.5
South								
Arkansas	190	205	2.2	2.0	300	330	3.5	3.2
Florida	320	205	4.1	2.7	2,730	2,100	34.6	27.8
Georgia	190	235	2.3	2.4	650	550	8.0	5.7
Other States	330	425	2.2	2.2	730	720	5.0	3.7
Total	1,030	1,070	2.6	2.3	4,410	3,700	11.2	7.9
Midwest								
Illinois	760	870	4.4	4.0	630	790	3.6	3.6
Indiana	510	485	4.6	3.7	365	590	3.3	4.5
Iowa	1,120	1,040	3.3	2.9	1,010	990	3.0	2.8
Minnesota	880	760	4.4	3.5	800	880	4.0	4.1
Missouri	380	415	3.3	3.2	375	350	3.2	2.7
Wisconsin	460	540	4.0	3.7	1,020	1,240	8.8	8.4
Other States	770	850	4.0	3.9	1,460	1,960	7.7	9.0
Total	4,880	4,960	3.9	3.5	5,660	6,800	4.5	4.8
Plains								
Kansas	560	590	2.5	2.4	700	680	3.1	2.8
Nebraska	1,230	1,290	5.0	4.5	750	790	3.1	2.8
Texas	1,120	1,360	4.3	4.7	1,860	1,490	7.1	5.1
Other States	1,000	1,140	3.8	3.8	950	1,140	3.6	3.8
Total	3,910	4,380	3.9	3.9	4,260	4,100	4.3	3.7
West								
California	1,460	1,700	3.5	3.7	11,100	12,360	26.3	26.8
Washington	260	330	2.9	2.6	2,270	3,460	25.0	27.4
Other States	1,160	1,240	3.3	3.2	5,230	4,980	14.8	12.7
Total	2,880	3,270	3.3	3.3	18,600	20,800	21.5	21.2
United States	14,700	16,000	3.7	3.5	36,800	41,600	9.4	9.2

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Farm Production Expenditures – Region, State, and United States: 2021 and 2022 (continued)

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

Region and state	Fuel				Farm supplies and repairs			
	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	340	490	2.9	3.5	440	490	3.8	3.5
Other States	1,290	1,930	4.1	4.8	2,310	2,660	7.4	6.7
Total	1,630	2,420	3.8	4.5	2,750	3,150	6.4	5.8
South								
Arkansas	405	500	4.8	4.8	410	475	4.8	4.5
Florida	185	290	2.3	3.8	490	480	6.2	6.4
Georgia	260	380	3.2	3.9	350	345	4.3	3.6
Other States	660	840	4.5	4.3	900	770	6.1	4.0
Total	1,510	2,010	3.9	4.3	2,150	2,070	5.5	4.4
Midwest								
Illinois	550	830	3.2	3.8	730	920	4.2	4.2
Indiana	360	520	3.3	4.0	540	670	4.9	5.1
Iowa	780	990	2.3	2.8	1,120	1,330	3.3	3.7
Minnesota	650	900	3.2	4.2	1,040	1,100	5.2	5.1
Missouri	450	590	3.9	4.5	620	680	5.3	5.2
Wisconsin	410	550	3.5	3.7	830	980	7.1	6.7
Other States	610	920	3.2	4.2	1,230	1,220	6.5	5.6
Total	3,810	5,300	3.0	3.7	6,110	6,900	4.9	4.9
Plains								
Kansas	580	730	2.6	3.0	810	850	3.6	3.4
Nebraska	730	890	3.0	3.1	930	1,020	3.8	3.6
Texas	960	1,190	3.7	4.1	1,170	1,300	4.5	4.5
Other States	980	1,320	3.8	4.4	1,690	1,620	6.5	5.4
Total	3,250	4,130	3.3	3.7	4,600	4,790	4.6	4.3
West								
California	1,100	1,450	2.6	3.1	1,880	1,940	4.5	4.2
Washington	260	420	2.9	3.3	520	640	5.7	5.1
Other States	1,340	1,670	3.8	4.2	2,190	2,310	6.2	5.9
Total	2,700	3,540	3.1	3.6	4,590	4,890	5.3	5.0
United States	12,900	17,400	3.3	3.8	20,200	21,800	5.1	4.8

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Farm Production Expenditures – Region, State, and United States: 2021 and 2022 (continued)

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

Region and state	Farm improvements and construction				Tractors and self-propelled farm machinery			
	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	260	370	2.2	2.6	330	340	2.8	2.4
Other States	1,910	2,390	6.1	6.0	1,380	1,950	4.4	4.9
Total	2,170	2,760	5.1	5.1	1,710	2,290	4.0	4.2
South								
Arkansas	180	170	2.1	1.6	290	500	3.4	4.8
Florida	405	380	5.1	5.0	240	270	3.0	3.6
Georgia	225	270	2.8	2.8	290	490	3.6	5.1
Other States	420	510	2.9	2.6	810	970	5.5	5.0
Total	1,230	1,330	3.1	2.8	1,630	2,230	4.2	4.7
Midwest								
Illinois	430	720	2.5	3.3	1,270	1,480	7.3	6.8
Indiana	310	480	2.8	3.7	760	450	6.9	3.5
Iowa	880	1,170	2.6	3.3	1,250	1,140	3.7	3.2
Minnesota	740	880	3.7	4.1	1,450	1,220	7.2	5.7
Missouri	430	660	3.7	5.0	660	770	5.7	5.9
Wisconsin	610	960	5.2	6.5	560	650	4.8	4.4
Other States	870	1,030	4.6	4.7	1,420	990	7.5	4.5
Total	4,270	5,900	3.4	4.2	7,370	6,700	5.9	4.7
Plains								
Kansas	470	1,130	2.1	4.6	940	780	4.2	3.2
Nebraska	390	990	1.6	3.5	720	1,120	2.9	3.9
Texas	1,000	1,240	3.8	4.3	1,180	1,930	4.5	6.6
Other States	920	1,110	3.5	3.7	1,770	1,470	6.8	4.9
Total	2,780	4,470	2.8	4.0	4,610	5,300	4.6	4.7
West								
California	1,900	1,840	4.5	4.0	620	700	1.5	1.5
Washington	470	680	5.2	5.4	230	320	2.5	2.5
Other States	1,680	2,020	4.7	5.1	1,430	1,560	4.0	4.0
Total	4,050	4,540	4.7	4.6	2,280	2,580	2.6	2.6
United States	14,500	19,000	3.7	4.2	17,600	19,100	4.5	4.2

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Farm Production Expenditures – Region, State, and United States: 2021 and 2022 (continued)

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

Region and state	Other farm machinery				Seeds and plants			
	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	110	80	0.9	0.6	490	520	4.2	3.7
Other States	630	780	2.0	2.0	1,530	3,000	4.9	7.5
Total	740	860	1.7	1.6	2,020	3,520	4.7	6.5
South								
Arkansas	100	120	1.2	1.1	530	570	6.2	5.5
Florida	55	50	0.7	0.7	650	590	8.2	7.8
Georgia	60	50	0.7	0.5	380	390	4.7	4.0
Other States	155	130	1.1	0.7	780	910	5.3	4.7
Total	370	350	0.9	0.7	2,340	2,460	6.0	5.2
Midwest								
Illinois	490	600	2.8	2.8	1,910	2,160	11.0	9.9
Indiana	295	315	2.7	2.4	1,000	1,040	9.1	8.0
Iowa	560	720	1.6	2.0	2,060	2,340	6.1	6.6
Minnesota	485	590	2.4	2.8	1,510	1,640	7.5	7.7
Missouri	255	365	2.2	2.8	920	860	7.9	6.5
Wisconsin	345	490	3.0	3.3	770	770	6.6	5.2
Other States	740	490	3.9	2.2	1,420	1,590	7.5	7.3
Total	3,170	3,570	2.5	2.5	9,590	10,400	7.7	7.3
Plains								
Kansas	305	330	1.4	1.3	830	980	3.7	4.0
Nebraska	345	385	1.4	1.3	1,410	1,440	5.8	5.0
Texas	310	465	1.2	1.6	800	800	3.1	2.8
Other States	820	810	3.1	2.7	2,040	2,080	7.8	7.0
Total	1,780	1,990	1.8	1.8	5,080	5,300	5.1	4.7
West								
California	190	195	0.5	0.4	1,700	1,620	4.0	3.5
Washington	90	155	1.0	1.2	340	400	3.8	3.2
Other States	660	680	1.9	1.7	1,230	1,200	3.5	3.1
Total	940	1,030	1.1	1.1	3,270	3,220	3.8	3.3
United States	7,000	7,800	1.8	1.7	22,300	24,900	5.7	5.5

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Farm Production Expenditures – Region, State, and United States: 2021 and 2022 (continued)

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

Region and state	Trucks and autos				Miscellaneous capital expenses			
	2021	2022	2021	2022	2021	2022	2021	2022
	(million dollars)	(million dollars)	(percent of total)	(percent of total)	(million dollars)	(million dollars)	(percent of total)	(percent of total)
Atlantic								
North Carolina	140	80	1.2	0.6	15	45	0.1	0.3
Other States	490	920	1.6	2.3	75	230	0.2	0.6
Total	630	1,000	1.5	1.9	90	275	0.2	0.5
South								
Arkansas	115	155	1.4	1.5	20	50	0.2	0.5
Florida	100	115	1.3	1.5	40	35	0.5	0.5
Georgia	90	170	1.1	1.8	20	40	0.2	0.4
Other States	315	380	2.1	2.0	75	105	0.5	0.5
Total	620	820	1.6	1.7	155	230	0.4	0.5
Midwest								
Illinois	255	280	1.5	1.3	25	65	0.1	0.3
Indiana	110	90	1.0	0.7	35	65	0.3	0.5
Iowa	305	315	0.9	0.9	45	80	0.1	0.2
Minnesota	220	245	1.1	1.1	45	65	0.2	0.3
Missouri	245	160	2.1	1.2	70	80	0.6	0.6
Wisconsin	160	130	1.4	0.9	45	60	0.4	0.4
Other States	265	260	1.4	1.2	45	60	0.2	0.3
Total	1,560	1,480	1.2	1.0	310	475	0.2	0.3
Plains								
Kansas	260	155	1.2	0.6	45	45	0.2	0.2
Nebraska	180	235	0.7	0.8	65	60	0.3	0.2
Texas	330	610	1.3	2.1	175	195	0.7	0.7
Other States	670	540	2.6	1.8	70	120	0.3	0.4
Total	1,440	1,540	1.5	1.4	355	420	0.4	0.4
West								
California	225	270	0.5	0.6	60	80	0.1	0.2
Washington	125	100	1.4	0.8	20	25	0.2	0.2
Other States	600	790	1.7	2.0	110	195	0.3	0.5
Total	950	1,160	1.1	1.2	190	300	0.2	0.3
United States	5,200	6,000	1.3	1.3	1,100	1,700	0.3	0.4

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Atlantic Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	21.4	24.8	9,558	9,367	3,780	3,700
Feed	52.5	57.9	25,512	28,101	10,090	11,100
Farm services	87.0	86.9	11,909	15,696	4,710	6,200
Rent	22.9	17.0	4,121	4,582	1,630	1,810
Agricultural chemicals	34.3	32.0	3,666	4,633	1,450	1,830
Fertilizer, lime, and soil conditioners	56.5	40.6	7,130	9,367	2,820	3,700
Interest	22.6	23.5	2,099	2,253	830	890
Taxes	100.0	99.9	5,057	5,873	2,000	2,320
Labor	20.1	17.2	9,785	15,696	3,870	6,200
Fuel	84.7	83.8	4,121	6,127	1,630	2,420
Farm supplies and repairs	84.1	79.2	6,953	7,975	2,750	3,150
Farm improvements and construction	54.1	50.7	5,487	6,987	2,170	2,760
Tractors and self-propelled farm machinery	13.7	11.9	4,324	5,797	1,710	2,290
Other farm machinery	11.2	14.3	1,871	2,177	740	860
Seeds and plants	36.4	33.7	5,107	8,911	2,020	3,520
Trucks and autos	8.0	9.8	1,593	2,532	630	1,000
Miscellaneous capital expenses	4.6	7.9	228	696	90	275
Total farm production expenditures	100.0	100.0	108,521	136,772	42,920	54,025

Farm Production Expenditures Total by Year – Atlantic Region: 2018-2022

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

Expenditure	2018	2019	2020	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	4,980	4,660	4,100	3,780	3,700
Feed	9,600	9,310	9,640	10,090	11,100
Farm services	5,700	4,970	5,240	4,710	6,200
Rent	1,540	1,430	1,920	1,630	1,810
Agricultural chemicals	1,330	1,230	1,390	1,450	1,830
Fertilizer, lime, and soil conditioners	2,360	2,150	2,440	2,820	3,700
Interest	1,040	1,190	1,100	830	890
Taxes	1,780	1,820	2,300	2,000	2,320
Labor	4,090	3,630	3,920	3,870	6,200
Fuel	1,560	1,550	1,420	1,630	2,420
Farm supplies and repairs	2,650	2,420	2,780	2,750	3,150
Farm improvements and construction	2,300	2,320	2,260	2,170	2,760
Tractors and self-propelled farm machinery	1,970	1,860	1,560	1,710	2,290
Other farm machinery	950	830	880	740	860
Seeds and plants	2,310	2,030	2,570	2,020	3,520
Trucks and autos	780	630	610	630	1,000
Miscellaneous capital expenses	85	95	60	90	275
Total farm production expenditures	45,025	42,125	44,190	42,920	54,025

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – North Carolina: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	22.5	24.5	39,911	41,778	1,800	1,880
Feed	46.6	56.6	93,792	120,000	4,230	5,400
Farm services	86.2	86.8	19,734	26,667	890	1,200
Rent	34.7	25.5	7,539	6,000	340	270
Agricultural chemicals	52.2	44.1	9,091	11,111	410	500
Fertilizer, lime, and soil conditioners	71.4	59.2	12,195	15,778	550	710
Interest	20.9	21.3	2,661	3,111	120	140
Taxes	100.0	100.0	5,100	7,333	230	330
Labor	31.4	25.4	20,177	28,889	910	1,300
Fuel	90.6	86.2	7,539	10,889	340	490
Farm supplies and repairs	87.4	81.9	9,756	10,889	440	490
Farm improvements and construction	56.3	48.9	5,765	8,222	260	370
Tractors and self-propelled farm machinery	17.3	15.1	7,317	7,556	330	340
Other farm machinery	16.9	10.2	2,439	1,778	110	80
Seeds and plants	47.2	36.4	10,865	11,556	490	520
Trucks and autos	13.1	7.1	3,104	1,778	140	80
Miscellaneous capital expenses	3.3	4.6	333	1,000	15	45
Total farm production expenditures	100.0	100.0	257,317	314,333	11,605	14,145

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Atlantic Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	21.2	24.8	5,651	5,200	1,980	1,820
Feed	53.3	58.1	16,724	16,286	5,860	5,700
Farm services	87.1	86.9	10,902	14,286	3,820	5,000
Rent	21.4	15.9	3,682	4,400	1,290	1,540
Agricultural chemicals	32.0	30.5	2,968	3,800	1,040	1,330
Fertilizer, lime, and soil conditioners	54.6	38.2	6,478	8,543	2,270	2,990
Interest	22.8	23.7	2,026	2,143	710	750
Taxes	99.9	99.9	5,051	5,686	1,770	1,990
Labor	18.6	16.1	8,447	14,000	2,960	4,900
Fuel	84.0	83.5	3,682	5,514	1,290	1,930
Farm supplies and repairs	83.6	78.8	6,592	7,600	2,310	2,660
Farm improvements and construction	53.8	50.9	5,451	6,829	1,910	2,390
Tractors and self-propelled farm machinery	13.2	11.5	3,938	5,571	1,380	1,950
Other farm machinery	10.5	14.9	1,798	2,229	630	780
Seeds and plants	35.1	33.4	4,366	8,571	1,530	3,000
Trucks and autos	7.3	10.1	1,398	2,629	490	920
Miscellaneous capital expenses	4.8	8.3	214	657	75	230
Total farm production expenditures	100.0	100.0	89,369	113,943	31,315	39,880

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – South Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	25.4	23.8	14,750	17,668	3,770	4,500
Feed	62.3	62.1	34,703	51,040	8,870	13,000
Farm services	92.1	89.2	16,393	17,668	4,190	4,500
Rent	22.6	21.4	7,825	8,363	2,000	2,130
Agricultural chemicals	45.9	35.1	7,942	10,090	2,030	2,570
Fertilizer, lime, and soil conditioners	55.0	43.0	9,272	13,349	2,370	3,400
Interest	19.8	19.2	2,113	2,434	540	620
Taxes	99.8	100.0	4,030	4,201	1,030	1,070
Labor	25.3	22.5	17,254	14,527	4,410	3,700
Fuel	88.0	80.3	5,908	7,892	1,510	2,010
Farm supplies and repairs	81.6	80.7	8,412	8,127	2,150	2,070
Farm improvements and construction	47.4	43.5	4,812	5,222	1,230	1,330
Tractors and self-propelled farm machinery	16.0	13.3	6,377	8,755	1,630	2,230
Other farm machinery	10.9	7.5	1,448	1,374	370	350
Seeds and plants	35.2	30.0	9,155	9,658	2,340	2,460
Trucks and autos	10.2	10.0	2,426	3,219	620	820
Miscellaneous capital expenses	9.6	8.3	606	903	155	230
Total farm production expenditures	100.0	100.0	153,423	184,492	39,215	46,990

Farm Production Expenditures Total by Year – South Region: 2018-2022

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

Expenditure	2018	2019	2020	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	3,800	3,780	4,340	3,770	4,500
Feed	8,800	8,360	8,300	8,870	13,000
Farm services	4,400	4,390	4,920	4,190	4,500
Rent	1,900	1,900	1,930	2,000	2,130
Agricultural chemicals	1,780	1,850	1,770	2,030	2,570
Fertilizer, lime, and soil conditioners	2,170	2,150	2,200	2,370	3,400
Interest	720	900	690	540	620
Taxes	840	900	870	1,030	1,070
Labor	3,090	3,130	3,410	4,410	3,700
Fuel	1,510	1,450	1,300	1,510	2,010
Farm supplies and repairs	1,610	1,710	2,050	2,150	2,070
Farm improvements and construction	1,160	1,330	1,170	1,230	1,330
Tractors and self-propelled farm machinery	1,350	1,500	1,330	1,630	2,230
Other farm machinery	410	490	360	370	350
Seeds and plants	2,080	2,230	2,500	2,340	2,460
Trucks and autos	660	610	550	620	820
Miscellaneous capital expenses	65	85	100	155	230
Total farm production expenditures	36,345	36,765	37,790	39,215	46,990

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Arkansas: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	28.2	28.9	25,000	28,878	1,050	1,210
Feed	72.0	68.6	51,429	75,418	2,160	3,160
Farm services	90.8	87.5	18,810	18,854	790	790
Rent	27.1	27.2	18,571	15,752	780	660
Agricultural chemicals	40.3	34.5	12,143	17,900	510	750
Fertilizer, lime, and soil conditioners	44.3	40.2	11,667	15,513	490	650
Interest	32.5	25.6	3,929	3,580	165	150
Taxes	100.0	100.0	4,524	4,893	190	205
Labor	20.9	24.3	7,143	7,876	300	330
Fuel	83.8	86.3	9,643	11,933	405	500
Farm supplies and repairs	78.9	80.3	9,762	11,337	410	475
Farm improvements and construction	46.0	42.9	4,286	4,057	180	170
Tractors and self-propelled farm machinery	14.7	16.0	6,905	11,933	290	500
Other farm machinery	12.7	11.0	2,381	2,864	100	120
Seeds and plants	22.9	20.9	12,619	13,604	530	570
Trucks and autos	10.1	12.8	2,738	3,699	115	155
Miscellaneous capital expenses	5.9	11.1	476	1,193	20	50
Total farm production expenditures	100.0	100.0	202,024	249,284	8,485	10,445

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Florida: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	22.8	16.5	2,316	2,537	110	120
Feed	59.1	68.2	12,000	18,182	570	860
Farm services	91.3	90.2	20,421	20,085	970	950
Rent	16.3	11.9	2,421	2,748	115	130
Agricultural chemicals	36.8	28.7	8,421	7,505	400	355
Fertilizer, lime, and soil conditioners	48.8	37.3	9,474	10,782	450	510
Interest	10.2	15.8	1,474	2,220	70	105
Taxes	100.0	100.0	6,737	4,334	320	205
Labor	24.4	23.9	57,474	44,397	2,730	2,100
Fuel	80.8	81.6	3,895	6,131	185	290
Farm supplies and repairs	69.9	78.3	10,316	10,148	490	480
Farm improvements and construction	55.3	49.4	8,526	8,034	405	380
Tractors and self-propelled farm machinery	13.9	15.3	5,053	5,708	240	270
Other farm machinery	6.6	6.2	1,158	1,057	55	50
Seeds and plants	23.3	27.8	13,684	12,474	650	590
Trucks and autos	7.6	8.2	2,105	2,431	100	115
Miscellaneous capital expenses	9.5	7.9	842	740	40	35
Total farm production expenditures	100.0	100.0	166,316	159,514	7,900	7,545

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Georgia: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	30.9	20.5	28,814	29,056	1,190	1,200
Feed	57.9	50.6	61,743	74,576	2,550	3,080
Farm services	91.4	91.4	18,644	22,276	770	920
Rent	22.5	27.6	4,479	7,022	185	290
Agricultural chemicals	44.7	37.1	8,717	10,775	360	445
Fertilizer, lime, and soil conditioners	53.4	52.0	12,107	15,254	500	630
Interest	24.1	19.2	2,058	3,753	85	155
Taxes	100.0	100.0	4,600	5,690	190	235
Labor	27.7	26.8	15,738	13,317	650	550
Fuel	91.1	83.1	6,295	9,201	260	380
Farm supplies and repairs	84.9	80.3	8,475	8,354	350	345
Farm improvements and construction	44.0	43.7	5,448	6,538	225	270
Tractors and self-propelled farm machinery	16.6	13.0	7,022	11,864	290	490
Other farm machinery	9.9	8.9	1,453	1,211	60	50
Seeds and plants	36.1	32.0	9,201	9,443	380	390
Trucks and autos	10.4	10.7	2,179	4,116	90	170
Miscellaneous capital expenses	9.1	9.8	484	969	20	40
Total farm production expenditures	100.0	100.0	197,458	233,414	8,155	9,640

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, South Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	23.6	26.0	11,378	15,862	1,420	1,970
Feed	61.6	61.4	28,766	47,504	3,590	5,900
Farm services	93.0	88.6	13,301	14,815	1,660	1,840
Rent	23.6	21.0	7,372	8,454	920	1,050
Agricultural chemicals	51.7	37.1	6,090	8,213	760	1,020
Fertilizer, lime, and soil conditioners	61.6	43.2	7,452	12,963	930	1,610
Interest	17.8	18.3	1,763	1,691	220	210
Taxes	99.5	99.9	2,644	3,422	330	425
Labor	26.4	19.9	5,849	5,797	730	720
Fuel	91.1	76.8	5,288	6,763	660	840
Farm supplies and repairs	85.8	81.9	7,212	6,200	900	770
Farm improvements and construction	46.0	41.4	3,365	4,106	420	510
Tractors and self-propelled farm machinery	17.0	11.7	6,490	7,810	810	970
Other farm machinery	12.3	6.3	1,242	1,047	155	130
Seeds and plants	43.6	33.2	6,250	7,327	780	910
Trucks and autos	11.1	9.6	2,524	3,060	315	380
Miscellaneous capital expenses	11.1	7.1	601	845	75	105
Total farm production expenditures	100.0	100.0	117,588	155,878	14,675	19,360

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Midwest Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	22.9	25.2	18,222	20,452	10,210	11,400
Feed	41.6	44.7	34,856	39,648	19,530	22,100
Farm services	90.4	86.2	21,828	22,605	12,230	12,600
Rent	34.8	31.0	26,236	29,064	14,700	16,200
Agricultural chemicals	51.3	47.3	11,066	14,173	6,200	7,900
Fertilizer, lime, and soil conditioners	60.9	53.3	21,167	28,346	11,860	15,800
Interest	38.8	32.0	6,193	5,508	3,470	3,070
Taxes	100.0	100.0	8,710	8,898	4,880	4,960
Labor	19.4	18.1	10,102	12,199	5,660	6,800
Fuel	84.1	82.4	6,800	9,508	3,810	5,300
Farm supplies and repairs	78.8	79.3	10,905	12,379	6,110	6,900
Farm improvements and construction	45.4	47.2	7,621	10,585	4,270	5,900
Tractors and self-propelled farm machinery	16.7	14.8	13,154	12,020	7,370	6,700
Other farm machinery	17.4	16.6	5,658	6,405	3,170	3,570
Seeds and plants	57.6	50.6	17,116	18,658	9,590	10,400
Trucks and autos	13.5	10.3	2,784	2,655	1,560	1,480
Miscellaneous capital expenses	7.1	7.2	553	852	310	475
Total farm production expenditures	100.0	100.0	222,970	253,956	124,930	141,555

Farm Production Expenditures Total by Year – Midwest Region: 2018-2022

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

Expenditure	2018	2019	2020	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	9,110	10,270	9,380	10,210	11,400
Feed	13,500	18,500	16,890	19,530	22,100
Farm services	11,300	11,670	11,960	12,230	12,600
Rent	13,680	13,800	14,090	14,700	16,200
Agricultural chemicals	5,270	5,150	5,480	6,200	7,900
Fertilizer, lime, and soil conditioners	8,980	8,510	9,590	11,860	15,800
Interest	3,800	3,770	3,790	3,470	3,070
Taxes	4,300	4,300	4,580	4,880	4,960
Labor	5,640	5,860	5,530	5,660	6,800
Fuel	3,820	3,730	3,270	3,810	5,300
Farm supplies and repairs	5,580	5,440	5,980	6,110	6,900
Farm improvements and construction	3,650	4,400	4,440	4,270	5,900
Tractors and self-propelled farm machinery	3,600	3,930	4,560	7,370	6,700
Other farm machinery	2,010	1,980	2,280	3,170	3,570
Seeds and plants	9,270	9,010	9,550	9,590	10,400
Trucks and autos	1,040	1,000	1,250	1,560	1,480
Miscellaneous capital expenses	185	140	160	310	475
Total farm production expenditures	104,735	111,460	112,780	124,930	141,555

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Illinois: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	9.3	16.0	6,911	11,315	490	800
Feed	26.3	28.0	10,578	9,901	750	700
Farm services	85.7	82.4	20,874	23,621	1,480	1,670
Rent	40.7	34.2	51,763	62,659	3,670	4,430
Agricultural chemicals	60.4	54.7	19,605	26,874	1,390	1,900
Fertilizer, lime, and soil conditioners	62.9	59.8	31,030	44,696	2,200	3,160
Interest	33.1	31.8	5,360	5,658	380	400
Taxes	100.0	100.0	10,719	12,306	760	870
Labor	20.1	21.0	8,886	11,174	630	790
Fuel	81.9	76.9	7,757	11,740	550	830
Farm supplies and repairs	76.0	75.4	10,296	13,013	730	920
Farm improvements and construction	42.6	48.3	6,065	10,184	430	720
Tractors and self-propelled farm machinery	18.6	20.3	17,913	20,934	1,270	1,480
Other farm machinery	17.3	17.8	6,911	8,487	490	600
Seeds and plants	72.3	66.1	26,939	30,552	1,910	2,160
Trucks and autos	16.0	11.4	3,597	3,960	255	280
Miscellaneous capital expenses	5.2	7.8	353	919	25	65
Total farm production expenditures	100.0	100.0	245,557	307,992	17,410	21,775

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Indiana: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	21.4	33.1	10,708	14,599	590	800
Feed	40.0	56.4	16,515	28,285	910	1,550
Farm services	83.7	87.9	18,875	22,993	1,040	1,260
Rent	30.7	33.8	30,853	30,474	1,700	1,670
Agricultural chemicals	45.8	45.5	14,156	17,701	780	970
Fertilizer, lime, and soil conditioners	67.5	53.6	25,771	33,029	1,420	1,810
Interest	34.1	30.0	5,808	4,927	320	270
Taxes	100.0	100.0	9,256	8,850	510	485
Labor	14.6	16.4	6,624	10,766	365	590
Fuel	84.3	83.9	6,534	9,489	360	520
Farm supplies and repairs	73.0	89.0	9,800	12,226	540	670
Farm improvements and construction	43.6	47.8	5,626	8,759	310	480
Tractors and self-propelled farm machinery	22.0	10.6	13,793	8,212	760	450
Other farm machinery	13.8	10.0	5,354	5,748	295	315
Seeds and plants	51.9	49.1	18,149	18,978	1,000	1,040
Trucks and autos	9.1	10.0	1,996	1,642	110	90
Miscellaneous capital expenses	6.6	6.3	635	1,186	35	65
Total farm production expenditures	100.0	100.0	200,454	237,865	11,045	13,035

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Iowa: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	21.6	21.4	62,309	62,426	5,290	5,300
Feed	34.5	34.3	92,815	93,051	7,880	7,900
Farm services	93.6	86.8	37,456	31,684	3,180	2,690
Rent	42.3	39.5	44,052	47,703	3,740	4,050
Agricultural chemicals	64.7	59.3	15,901	19,199	1,350	1,630
Fertilizer, lime, and soil conditioners	61.4	59.4	30,153	39,223	2,560	3,330
Interest	42.5	43.2	10,130	7,892	860	670
Taxes	100.0	100.0	13,192	12,250	1,120	1,040
Labor	22.8	23.0	11,896	11,661	1,010	990
Fuel	79.6	76.9	9,187	11,661	780	990
Farm supplies and repairs	76.3	73.4	13,192	15,665	1,120	1,330
Farm improvements and construction	50.2	51.1	10,365	13,781	880	1,170
Tractors and self-propelled farm machinery	16.2	12.9	14,723	13,428	1,250	1,140
Other farm machinery	17.4	19.0	6,596	8,481	560	720
Seeds and plants	67.6	60.0	24,264	27,562	2,060	2,340
Trucks and autos	14.7	12.5	3,592	3,710	305	315
Miscellaneous capital expenses	7.6	9.1	530	942	45	80
Total farm production expenditures	100.0	100.0	400,353	420,318	33,990	35,685

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Minnesota: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	26.4	21.7	22,849	23,249	1,540	1,560
Feed	44.3	35.3	54,748	50,671	3,690	3,400
Farm services	90.0	84.0	28,635	28,465	1,930	1,910
Rent	41.6	38.5	30,564	34,426	2,060	2,310
Agricultural chemicals	59.0	52.6	12,463	15,946	840	1,070
Fertilizer, lime, and soil conditioners	61.3	56.8	25,964	35,320	1,750	2,370
Interest	44.1	36.7	8,012	7,750	540	520
Taxes	100.0	100.0	13,056	11,326	880	760
Labor	18.6	17.2	11,869	13,115	800	880
Fuel	87.4	86.4	9,644	13,413	650	900
Farm supplies and repairs	83.9	78.7	15,430	16,393	1,040	1,100
Farm improvements and construction	51.4	47.0	10,979	13,115	740	880
Tractors and self-propelled farm machinery	22.4	15.1	21,513	18,182	1,450	1,220
Other farm machinery	24.4	20.2	7,196	8,793	485	590
Seeds and plants	59.4	57.1	22,404	24,441	1,510	1,640
Trucks and autos	14.7	13.8	3,264	3,651	220	245
Miscellaneous capital expenses	8.6	7.5	668	969	45	65
Total farm production expenditures	100.0	100.0	299,258	319,225	20,170	21,420

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Missouri: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	27.5	30.4	8,632	12,421	820	1,180
Feed	56.3	56.9	17,368	19,263	1,650	1,830
Farm services	88.0	87.3	11,158	12,211	1,060	1,160
Rent	28.3	21.2	14,211	14,842	1,350	1,410
Agricultural chemicals	38.6	36.1	6,632	7,474	630	710
Fertilizer, lime, and soil conditioners	62.8	51.1	14,105	16,526	1,340	1,570
Interest	39.1	30.8	3,895	3,789	370	360
Taxes	100.0	100.0	4,000	4,368	380	415
Labor	20.0	17.1	3,947	3,684	375	350
Fuel	87.3	88.9	4,737	6,211	450	590
Farm supplies and repairs	80.5	79.0	6,526	7,158	620	680
Farm improvements and construction	44.2	49.4	4,526	6,947	430	660
Tractors and self-propelled farm machinery	13.3	15.2	6,947	8,105	660	770
Other farm machinery	12.3	13.9	2,684	3,842	255	365
Seeds and plants	36.4	34.9	9,684	9,053	920	860
Trucks and autos	10.6	7.9	2,579	1,684	245	160
Miscellaneous capital expenses	7.0	7.8	737	842	70	80
Total farm production expenditures	100.0	100.0	122,368	138,421	11,625	13,150

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Wisconsin: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	24.2	23.9	4,680	7,956	300	510
Feed	44.2	50.7	34,945	51,638	2,240	3,310
Farm services	89.6	89.1	24,649	25,585	1,580	1,640
Rent	31.6	31.5	8,580	10,452	550	670
Agricultural chemicals	56.5	48.9	5,616	7,488	360	480
Fertilizer, lime, and soil conditioners	61.6	55.2	15,445	20,125	990	1,290
Interest	35.0	32.2	6,396	6,708	410	430
Taxes	100.0	100.0	7,176	8,424	460	540
Labor	19.4	17.6	15,913	19,345	1,020	1,240
Fuel	82.4	87.7	6,396	8,580	410	550
Farm supplies and repairs	77.7	84.1	12,949	15,289	830	980
Farm improvements and construction	49.7	48.8	9,516	14,977	610	960
Tractors and self-propelled farm machinery	14.5	15.4	8,736	10,140	560	650
Other farm machinery	21.1	19.8	5,382	7,644	345	490
Seeds and plants	70.2	55.4	12,012	12,012	770	770
Trucks and autos	10.9	11.4	2,496	2,028	160	130
Miscellaneous capital expenses	8.9	8.7	702	936	45	60
Total farm production expenditures	100.0	100.0	181,591	229,329	11,640	14,700

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Midwest Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	26.0	28.4	9,601	10,348	1,180	1,250
Feed	41.9	48.8	19,609	28,228	2,410	3,410
Farm services	96.4	86.1	15,948	18,791	1,960	2,270
Rent	31.0	25.0	13,263	13,742	1,630	1,660
Agricultural chemicals	42.2	40.6	6,916	9,437	850	1,140
Fertilizer, lime, and soil conditioners	54.5	43.6	13,019	18,791	1,600	2,270
Interest	40.3	23.3	4,801	3,477	590	420
Taxes	100.0	100.0	6,265	7,036	770	850
Labor	18.6	15.5	11,880	16,225	1,460	1,960
Fuel	85.0	78.8	4,963	7,616	610	920
Farm supplies and repairs	81.2	79.5	10,008	10,099	1,230	1,220
Farm improvements and construction	39.9	40.9	7,079	8,526	870	1,030
Tractors and self-propelled farm machinery	14.1	14.3	11,554	8,195	1,420	990
Other farm machinery	17.1	15.6	6,021	4,056	740	490
Seeds and plants	53.6	41.7	11,554	13,162	1,420	1,590
Trucks and autos	16.0	7.6	2,156	2,152	265	260
Miscellaneous capital expenses	6.2	4.7	366	497	45	60
Total farm production expenditures	100.0	100.0	155,004	180,381	19,050	21,790

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Plains Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	25.6	23.6	44,327	46,202	21,410	22,200
Feed	65.0	66.0	29,565	41,623	14,280	20,000
Farm services	89.1	89.6	18,820	21,436	9,090	10,300
Rent	29.9	29.2	19,048	16,857	9,200	8,100
Agricultural chemicals	45.6	39.5	8,468	9,823	4,090	4,720
Fertilizer, lime, and soil conditioners	47.4	37.5	14,576	17,274	7,040	8,300
Interest	24.7	25.0	4,141	4,329	2,000	2,080
Taxes	100.0	100.0	8,095	9,116	3,910	4,380
Labor	24.5	22.4	8,820	8,533	4,260	4,100
Fuel	79.1	82.4	6,729	8,595	3,250	4,130
Farm supplies and repairs	77.0	78.2	9,524	9,969	4,600	4,790
Farm improvements and construction	39.6	43.7	5,756	9,303	2,780	4,470
Tractors and self-propelled farm machinery	13.1	13.0	9,545	11,030	4,610	5,300
Other farm machinery	13.5	11.4	3,685	4,142	1,780	1,990
Seeds and plants	30.9	29.1	10,518	11,030	5,080	5,300
Trucks and autos	11.9	11.1	2,981	3,205	1,440	1,540
Miscellaneous capital expenses	7.3	7.7	735	874	355	420
Total farm production expenditures	100.0	100.0	205,331	233,340	99,175	112,120

Farm Production Expenditures Total by Year – Plains Region: 2018-2022

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

Expenditure	2018	2019	2020	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	23,900	20,010	17,060	21,410	22,200
Feed	12,000	12,250	10,990	14,280	20,000
Farm services	9,300	9,050	8,690	9,090	10,300
Rent	7,470	7,680	7,240	9,200	8,100
Agricultural chemicals	3,640	3,620	3,660	4,090	4,720
Fertilizer, lime, and soil conditioners	5,670	5,420	5,570	7,040	8,300
Interest	2,420	2,500	2,290	2,000	2,080
Taxes	3,660	3,950	3,790	3,910	4,380
Labor	4,150	4,060	3,650	4,260	4,100
Fuel	3,050	2,780	2,690	3,250	4,130
Farm supplies and repairs	3,720	3,790	3,930	4,600	4,790
Farm improvements and construction	2,350	2,500	2,590	2,780	4,470
Tractors and self-propelled farm machinery	2,840	2,940	4,490	4,610	5,300
Other farm machinery	1,260	1,160	1,720	1,780	1,990
Seeds and plants	4,840	4,700	5,000	5,080	5,300
Trucks and autos	1,270	1,370	1,720	1,440	1,540
Miscellaneous capital expenses	205	150	260	355	420
Total farm production expenditures	91,745	87,930	85,340	99,175	112,120

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Kansas: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	27.1	28.9	115,358	123,050	6,760	7,100
Feed	51.2	54.9	66,041	86,655	3,870	5,000
Farm services	83.6	81.2	28,498	29,116	1,670	1,680
Rent	42.7	43.0	35,836	24,437	2,100	1,410
Agricultural chemicals	51.8	51.6	15,529	19,584	910	1,130
Fertilizer, lime, and soil conditioners	56.9	55.0	24,573	30,329	1,440	1,750
Interest	33.5	33.7	5,119	6,066	300	350
Taxes	100.0	100.0	9,556	10,225	560	590
Labor	21.2	22.8	11,945	11,785	700	680
Fuel	71.8	71.2	9,898	12,652	580	730
Farm supplies and repairs	70.5	72.7	13,823	14,731	810	850
Farm improvements and construction	35.1	42.6	8,020	19,584	470	1,130
Tractors and self-propelled farm machinery	17.1	10.1	16,041	13,518	940	780
Other farm machinery	17.6	13.6	5,205	5,719	305	330
Seeds and plants	45.1	45.2	14,164	16,984	830	980
Trucks and autos	18.1	9.8	4,437	2,686	260	155
Miscellaneous capital expenses	8.1	6.4	768	780	45	45
Total farm production expenditures	100.0	100.0	384,812	427,903	22,550	24,690

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Nebraska: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	27.0	29.6	145,536	151,242	6,520	6,700
Feed	43.3	47.0	66,071	101,580	2,960	4,500
Farm services	89.4	91.6	45,536	52,822	2,040	2,340
Rent	51.7	48.3	66,295	65,914	2,970	2,920
Agricultural chemicals	64.8	58.0	23,214	26,862	1,040	1,190
Fertilizer, lime, and soil conditioners	61.2	57.9	40,625	50,339	1,820	2,230
Interest	47.4	46.1	9,375	9,707	420	430
Taxes	100.0	100.0	27,455	29,120	1,230	1,290
Labor	24.6	27.3	16,741	17,833	750	790
Fuel	80.4	79.5	16,295	20,090	730	890
Farm supplies and repairs	80.3	79.7	20,759	23,025	930	1,020
Farm improvements and construction	44.0	49.2	8,705	22,348	390	990
Tractors and self-propelled farm machinery	18.4	17.6	16,071	25,282	720	1,120
Other farm machinery	17.1	16.6	7,701	8,691	345	385
Seeds and plants	62.1	61.0	31,473	32,506	1,410	1,440
Trucks and autos	15.3	17.7	4,018	5,305	180	235
Miscellaneous capital expenses	13.0	10.1	1,451	1,354	65	60
Total farm production expenditures	100.0	100.0	547,321	644,018	24,520	28,530

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Texas: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	18.7	23.9	22,996	23,171	5,680	5,700
Feed	75.0	78.9	20,931	25,203	5,170	6,200
Farm services	89.5	93.1	11,579	12,236	2,860	3,010
Rent	19.0	17.9	4,534	4,268	1,120	1,050
Agricultural chemicals	41.0	32.2	2,632	2,398	650	590
Fertilizer, lime, and soil conditioners	43.5	30.3	4,737	5,366	1,170	1,320
Interest	13.7	15.5	1,984	2,358	490	580
Taxes	100.0	100.0	4,534	5,528	1,120	1,360
Labor	22.4	20.7	7,530	6,057	1,860	1,490
Fuel	81.1	84.9	3,887	4,837	960	1,190
Farm supplies and repairs	75.9	80.5	4,737	5,285	1,170	1,300
Farm improvements and construction	34.9	42.5	4,049	5,041	1,000	1,240
Tractors and self-propelled farm machinery	9.7	14.5	4,777	7,846	1,180	1,930
Other farm machinery	7.5	9.5	1,255	1,890	310	465
Seeds and plants	19.4	18.5	3,239	3,252	800	800
Trucks and autos	6.4	8.5	1,336	2,480	330	610
Miscellaneous capital expenses	6.6	8.1	709	793	175	195
Total farm production expenditures	100.0	100.0	105,445	118,008	26,045	29,030

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Plains Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	37.3	18.9	18,477	20,377	2,450	2,700
Feed	60.0	53.2	17,195	32,453	2,280	4,300
Farm services	90.7	86.1	19,005	24,679	2,520	3,270
Rent	37.4	37.8	22,700	20,528	3,010	2,720
Agricultural chemicals	45.0	41.6	11,237	13,660	1,490	1,810
Fertilizer, lime, and soil conditioners	45.6	36.2	19,683	22,642	2,610	3,000
Interest	33.8	31.7	5,958	5,434	790	720
Taxes	100.0	100.0	7,541	8,604	1,000	1,140
Labor	29.8	23.5	7,164	8,604	950	1,140
Fuel	78.0	83.6	7,391	9,962	980	1,320
Farm supplies and repairs	80.7	75.9	12,745	12,226	1,690	1,620
Farm improvements and construction	49.0	44.5	6,938	8,377	920	1,110
Tractors and self-propelled farm machinery	15.8	9.8	13,348	11,094	1,770	1,470
Other farm machinery	21.7	12.4	6,184	6,113	820	810
Seeds and plants	35.6	31.1	15,385	15,698	2,040	2,080
Trucks and autos	18.2	14.2	5,053	4,075	670	540
Miscellaneous capital expenses	6.2	6.9	528	906	70	120
Total farm production expenditures	100.0	100.0	196,531	225,434	26,060	29,870

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – West Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	27.2	25.2	10,443	12,386	3,230	3,800
Feed	50.4	49.2	40,188	56,714	12,430	17,400
Farm services	93.3	94.4	47,785	49,544	14,780	15,200
Rent	23.4	19.4	14,452	13,233	4,470	4,060
Agricultural chemicals	34.4	36.1	13,029	13,950	4,030	4,280
Fertilizer, lime, and soil conditioners	40.6	38.3	17,491	18,253	5,410	5,600
Interest	21.3	23.5	6,014	7,627	1,860	2,340
Taxes	97.7	95.7	9,311	10,658	2,880	3,270
Labor	29.9	32.3	60,136	67,797	18,600	20,800
Fuel	80.3	79.2	8,729	11,538	2,700	3,540
Farm supplies and repairs	81.0	76.9	14,840	15,939	4,590	4,890
Farm improvements and construction	47.7	48.0	13,094	14,798	4,050	4,540
Tractors and self-propelled farm machinery	12.7	11.2	7,371	8,409	2,280	2,580
Other farm machinery	12.5	11.9	3,039	3,357	940	1,030
Seeds and plants	29.0	27.7	10,572	10,495	3,270	3,220
Trucks and autos	11.1	12.3	3,071	3,781	950	1,160
Miscellaneous capital expenses	7.0	8.5	614	978	190	300
Total farm production expenditures	100.0	100.0	280,181	319,459	86,660	98,010

Farm Production Expenditures Total by Year – West Region: 2018-2022

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

Expenditure	2018	2019	2020	2021	2022
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	4,510	4,080	4,720	3,230	3,800
Feed	9,900	10,980	10,980	12,430	17,400
Farm services	13,400	12,720	13,890	14,780	15,200
Rent	4,210	4,890	4,920	4,470	4,060
Agricultural chemicals	3,380	3,650	4,200	4,030	4,280
Fertilizer, lime, and soil conditioners	4,020	4,070	4,600	5,410	5,600
Interest	1,820	2,140	2,030	1,860	2,340
Taxes	2,220	2,430	2,560	2,880	3,270
Labor	16,930	18,120	20,190	18,600	20,800
Fuel	2,360	2,790	2,420	2,700	3,540
Farm supplies and repairs	3,640	4,240	4,660	4,590	4,890
Farm improvements and construction	3,240	2,950	3,940	4,050	4,540
Tractors and self-propelled farm machinery	1,540	1,670	1,760	2,280	2,580
Other farm machinery	570	640	760	940	1,030
Seeds and plants	3,400	3,230	3,380	3,270	3,220
Trucks and autos	860	820	970	950	1,160
Miscellaneous capital expenses	150	100	120	190	300
Total farm production expenditures	76,150	79,520	86,100	86,660	98,010

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – California: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	19.2	17.2	12,319	12,427	850	850
Feed	24.6	31.2	72,174	99,415	4,980	6,800
Farm services	95.5	98.3	127,971	125,731	8,830	8,600
Rent	18.8	19.2	26,232	28,070	1,810	1,920
Agricultural chemicals	49.1	50.8	32,029	33,333	2,210	2,280
Fertilizer, lime, and soil conditioners	62.0	55.3	34,203	34,357	2,360	2,350
Interest	23.6	25.7	12,899	15,936	890	1,090
Taxes	100.0	100.0	21,159	24,854	1,460	1,700
Labor	50.4	59.5	160,870	180,702	11,100	12,360
Fuel	80.0	84.6	15,942	21,199	1,100	1,450
Farm supplies and repairs	78.3	85.7	27,246	28,363	1,880	1,940
Farm improvements and construction	39.3	44.3	27,536	26,901	1,900	1,840
Tractors and self-propelled farm machinery	10.0	12.4	8,986	10,234	620	700
Other farm machinery	11.3	7.3	2,754	2,851	190	195
Seeds and plants	33.5	28.4	24,638	23,684	1,700	1,620
Trucks and autos	9.4	10.7	3,261	3,947	225	270
Miscellaneous capital expenses	7.3	8.1	870	1,170	60	80
Total farm production expenditures	100.0	100.0	611,087	673,173	42,165	46,045

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Washington: 2021 and 2022

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

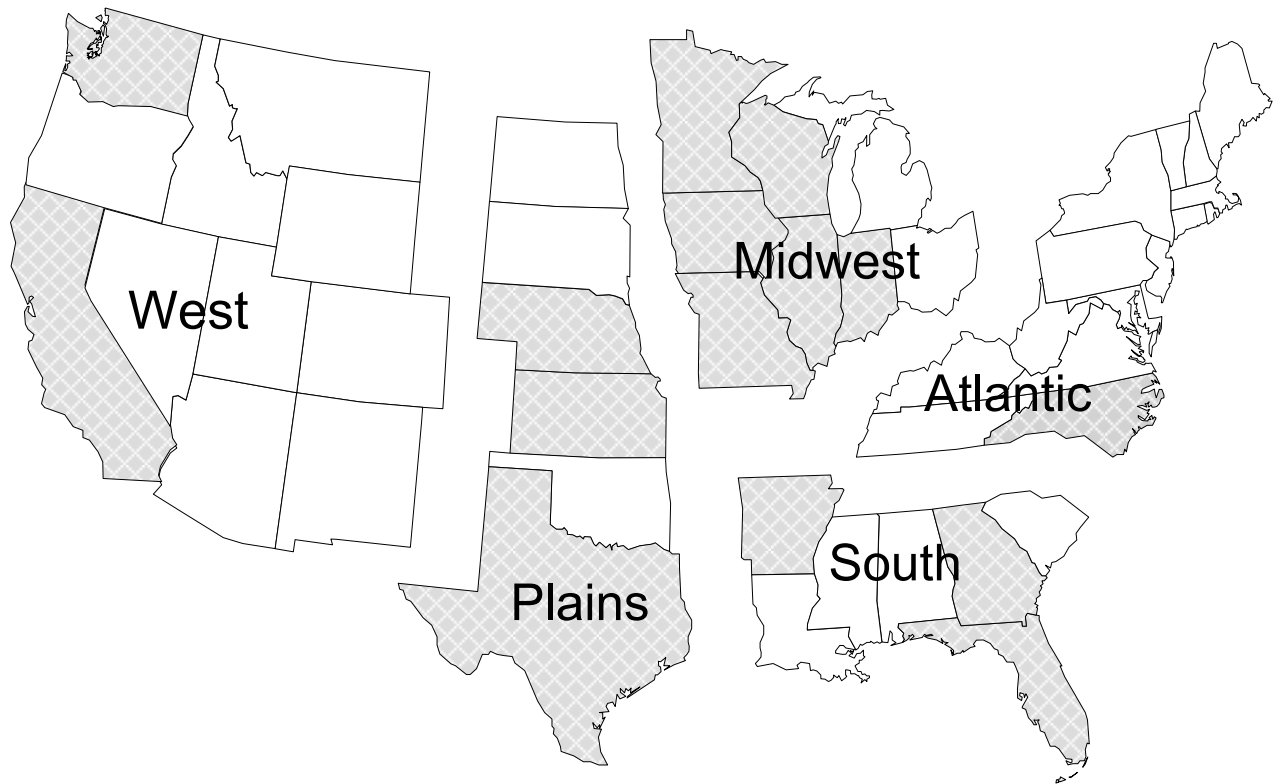
Expenditure	Farms reporting		Average per farm		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	23.5	29.7	13,314	14,205	470	500
Feed	49.7	48.3	31,728	31,250	1,120	1,100
Farm services	89.7	90.2	32,578	59,659	1,150	2,100
Rent	17.5	20.3	14,448	16,193	510	570
Agricultural chemicals	41.1	31.9	14,731	21,307	520	750
Fertilizer, lime, and soil conditioners	42.1	38.7	15,297	24,148	540	850
Interest	22.7	24.8	4,816	7,102	170	250
Taxes	100.0	100.0	7,365	9,375	260	330
Labor	25.9	32.6	64,306	98,295	2,270	3,460
Fuel	78.2	76.4	7,365	11,932	260	420
Farm supplies and repairs	78.0	76.5	14,731	18,182	520	640
Farm improvements and construction	51.2	50.3	13,314	19,318	470	680
Tractors and self-propelled farm machinery	14.8	13.8	6,516	9,091	230	320
Other farm machinery	11.1	9.2	2,550	4,403	90	155
Seeds and plants	33.4	30.1	9,632	11,364	340	400
Trucks and autos	13.2	7.4	3,541	2,841	125	100
Miscellaneous capital expenses	6.0	6.7	567	710	20	25
Total farm production expenditures	100.0	100.0	256,799	359,375	9,065	12,650

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, West Region: 2021 and 2022

[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	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry, and related expenses	30.6	27.1	9,317	12,057	1,910	2,450
Feed	59.1	55.4	30,878	46,752	6,330	9,500
Farm services	93.1	93.8	23,415	22,146	4,800	4,500
Rent	26.0	19.3	10,488	7,726	2,150	1,570
Agricultural chemicals	28.3	31.9	6,341	6,152	1,300	1,250
Fertilizer, lime, and soil conditioners	33.1	32.5	12,244	11,811	2,510	2,400
Interest	20.2	22.5	3,902	4,921	800	1,000
Taxes	96.5	93.5	5,659	6,102	1,160	1,240
Labor	23.6	23.1	25,512	24,508	5,230	4,980
Fuel	80.8	77.9	6,537	8,219	1,340	1,670
Farm supplies and repairs	82.5	74.0	10,683	11,368	2,190	2,310
Farm improvements and construction	49.9	48.8	8,195	9,941	1,680	2,020
Tractors and self-propelled farm machinery	13.2	10.4	6,976	7,677	1,430	1,560
Other farm machinery	13.1	13.9	3,220	3,346	660	680
Seeds and plants	26.8	27.1	6,000	5,906	1,230	1,200
Trucks and autos	11.3	13.7	2,927	3,888	600	790
Miscellaneous capital expenses	7.0	9.0	537	960	110	195
Total farm production expenditures	100.0	100.0	172,829	193,479	35,430	39,315

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 2022 Agricultural Resource Management Survey

Publication: *Farm Production Expenditures 2022 Summary* was released on July 28, 2023.

Data Collection: The Agricultural Resource Management Survey (ARMS III) was conducted January through May of 2022.

Sampling: ARMS III is a multi-frame survey, which utilizes a list frame (OL)/area frame (NOL) design. The list frame typically represents the larger, more specialized operations contributing the greater portion of the data expansions. The 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.

ARMS III covers a population of all farms in the 48 contiguous states (excluding Alaska and Hawaii) 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 a large number of 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 ARMS III with June farm value of sales (FVS) \$1,000 or more, after point determination, were eligible for the 2022 ARMS sample. This includes operations that are determined to have pasture points only.

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 ARMS data collection period. Data are collected using electronic data reporting (EDR), mail return, and personal enumeration.

Sample: The 2022 sample was 41,168 farms and ranches.

Questionnaires: The ARMS III Cost and Returns Report (CRR) version collects information on general farm finances, farm expenses and income, assets, debt, farm household expenses, off-farm income, and farm operator demographic information. The commodity-specific ARMS III Cost of Production (COP) questionnaires collect the same information as the CRR. Additionally, these versions collect information related to the amount spent for selected expense items so that entire farm costs can be allocated to the targeted crop or livestock enterprise.

In 2022, there was one COP commodity: Wheat. The states involved for this year were:

California, Idaho, Oregon, Washington, Arizona, Colorado, New Mexico, Utah, Texas, Kansas, Nebraska, North Dakota, South Dakota, Arkansas, Louisiana, Mississippi, Illinois, Missouri, Iowa, Minnesota, Wisconsin, Indiana, Michigan, Ohio, Florida, Georgia, Kentucky, North Carolina, Tennessee, Virginia, Main, New York, Pennsylvania, Vermont.

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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Ralph Mondesir – Prices Received Indexes, Parity Prices, Prices Paid Indexes.....	(202) 221-9297
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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

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.

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