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Farm Production Expenditures 2018 Summary

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2018 United States Total Farm Production Expenditure Highlights

Farm production expenditures in the United States are estimated at \$354.0 billion for 2018, down from \$357.8 billion in 2017. The 2018 total farm production expenditures are down 1.1 percent compared with 2017 total farm production expenditures. For the 17 line items, 7 showed an increase from previous year, while the rest showed a decrease.

The four largest expenditures at the United States level total \$178.1 billion and account for 50.3 percent of total expenditures in 2018. These include feed, 15.2 percent, farm services, 12.5 percent, livestock, poultry and related expenses, 13.1 percent, and labor, 9.6 percent.

In 2018, the United States total farm expenditure average per farm is \$175,169, down 0.4 percent from \$175,935 in 2017. On average, United States farm operations spent \$26,622 on feed, \$22,911 on livestock, poultry and related expenses, \$21,822 on farm services, and \$16,775 on labor. For 2017, United States farms spent an average of \$26,798 on feed, \$21,193 on farm services, \$20,455 on livestock, poultry, and related expenses, and \$17,702 on labor.

Total fuel expense is \$12.3 billion. Diesel, the largest sub component, is \$8.1 billion, accounting for 65.9 percent. Diesel expenditures are up 8.0 percent from the previous year. Gasoline is \$2.13 billion, down 3.2 percent. LP gas is \$1.41 billion, up 0.7 percent. Other fuel is \$660 million, down 17.5 percent.

The United States economic sales class contributing most to the 2018 United States total expenditures is the \$1,000,000 - \$4,999,999 class, with expenses of \$113.3 billion, 32.0 percent of the United States total, down 2.2 percent from the 2017 level of \$115.9 billion. The next highest is the \$5,000,000 and Over class with \$92.5 billion, up from \$91.2 billion in 2017.

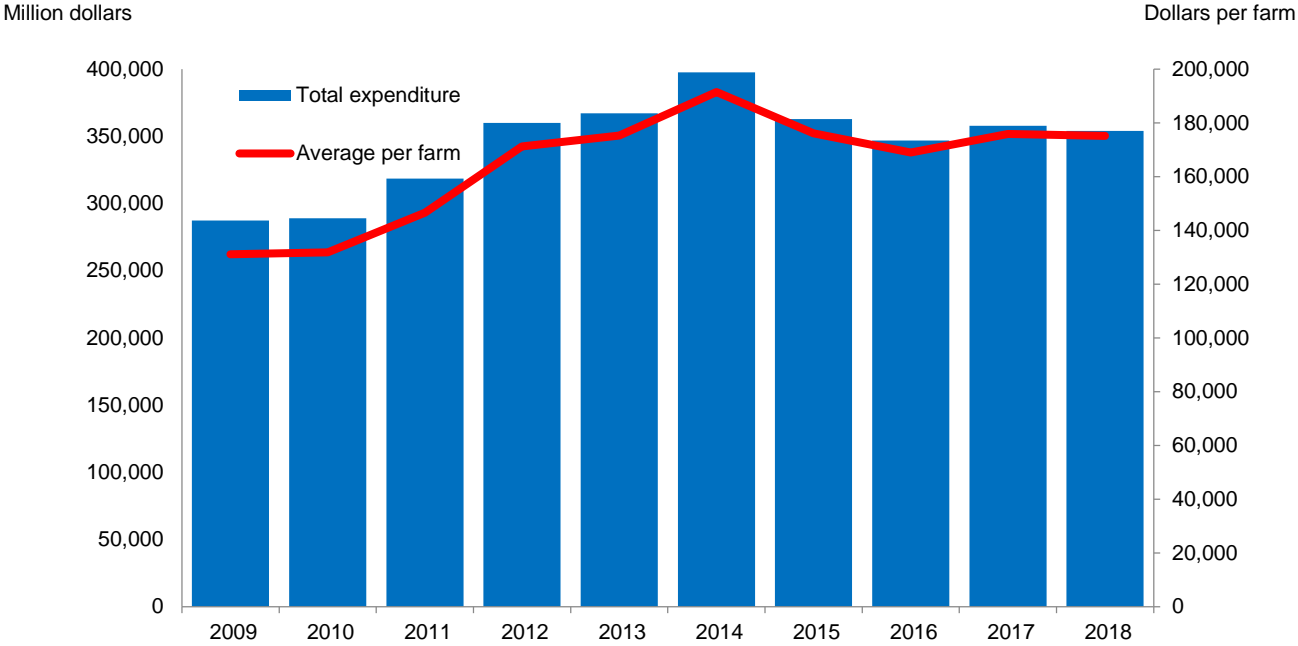
In 2018, crop farms expenditures decreased to \$181.9 billion, down 1.5 percent, while livestock farms expenditures decreased to \$172.1 billion, down 0.6 percent. The largest expenditures for crop farms are rent at \$24.1 billion (13.2 percent of total), labor at \$24.5 billion (13.5 percent), and farm services at \$24.8 billion (13.6 percent). Combined crop inputs (chemicals, fertilizers, and seeds) are \$53.2 billion, accounting for 29.2 percent of crop farms total expenses. The largest expenditures for livestock farms are feed at \$52.3 billion (30.4 percent of total), livestock, poultry and related expenses at \$44.2 billion (25.7 percent), and farm services at \$19.3 billion (11.2 percent). Together, these line items account for 67.3 percent of livestock farms total expenses. The average total expenditure for a crop farm is \$208,026 compared to \$150,108 per livestock farm.

The Midwest region contributed the most to United States total expenditures with expenses of \$104.7 billion (29.6 percent), down from \$107.8 billion in 2017. Other regions, ranked by total expenditures, are the Plains at \$91.7 billion (25.9 percent), West at \$76.2 billion (21.5 percent), Atlantic at \$45.0 billion (12.7 percent), and South at \$36.3 billion (10.3 percent). The Midwest decreased \$3.1 billion from 2017, which is the largest regional decrease.

Combined total expenditures for the 15 estimate states is \$232.8 billion in 2018 (65.8 percent of the United States total expenditures) and \$236.0 billion in 2017 (65.9 percent). California contributed most to the 2018 United States total expenditures, with expenses of \$36.8 billion, (10.4 percent). California expenditures are down 2.7 percent from the 2017 estimate of \$37.8 billion. Iowa, the next leading state, has \$25.3 billion in expenses, (7.2 percent). Other states with more than \$20 billion in total expenditures are Texas with \$25.1 billion and Nebraska with \$24.2 billion.

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

Farm Production Expenditures, Total, and Average Per Farm by Year – United States: 2009-2018



Farm Production Expenditures by Expenditure Category and Percent of Total – United States: 2017 and 2018

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

| Expenditure | 2017 | | 2018 | |
|--|-------------------|-----------|-------------------|-----------|
| | (million dollars) | (percent) | (million dollars) | (percent) |
| Livestock, poultry, and related expenses | 41,600 | 11.6 | 46,300 | 13.1 |
| Feed | 54,500 | 15.2 | 53,800 | 15.2 |
| Farm services | 43,100 | 12.0 | 44,100 | 12.5 |
| Rent | 29,700 | 8.3 | 28,800 | 8.1 |
| Agricultural chemicals | 15,700 | 4.4 | 15,400 | 4.4 |
| Fertilizer, lime, and soil conditioners | 22,000 | 6.1 | 23,200 | 6.6 |
| Interest | 9,700 | 2.7 | 9,800 | 2.8 |
| Taxes | 12,700 | 3.5 | 12,800 | 3.6 |
| Labor | 36,000 | 10.1 | 33,900 | 9.6 |
| Fuel | 11,900 | 3.3 | 12,300 | 3.5 |
| Farm supplies and repairs | 18,000 | 5.0 | 17,200 | 4.9 |
| Farm improvements and construction | 16,200 | 4.5 | 12,700 | 3.6 |
| Tractors and self-propelled farm machinery | 12,500 | 3.5 | 11,300 | 3.2 |
| Other farm machinery | 5,700 | 1.6 | 5,200 | 1.5 |
| Seeds and plants | 22,500 | 6.3 | 21,900 | 6.2 |
| Trucks and autos | 5,400 | 1.5 | 4,610 | 1.3 |
| Miscellaneous capital expenses | 600 | 0.2 | 690 | 0.2 |
| Total farm production expenditures | 357,800 | 100.0 | 354,000 | 100.0 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 27.4 | 25.1 | 20,455 | 22,911 | 41,600 | 46,300 |
| Feed | 57.0 | 55.8 | 26,798 | 26,622 | 54,500 | 53,800 |
| Farm services | 91.1 | 92.7 | 21,193 | 21,822 | 43,100 | 44,100 |
| Rent | 26.1 | 27.3 | 14,604 | 14,251 | 29,700 | 28,800 |
| Agricultural chemicals | 39.6 | 45.4 | 7,720 | 7,620 | 15,700 | 15,400 |
| Fertilizer, lime, and soil conditioners | 46.7 | 50.2 | 10,818 | 11,480 | 22,000 | 23,200 |
| Interest | 31.9 | 31.8 | 4,770 | 4,849 | 9,700 | 9,800 |
| Taxes | 99.6 | 99.6 | 6,245 | 6,334 | 12,700 | 12,800 |
| Labor | 23.2 | 23.1 | 17,702 | 16,775 | 36,000 | 33,900 |
| Fuel | 84.1 | 84.6 | 5,851 | 6,086 | 11,900 | 12,300 |
| Farm supplies and repairs | 80.8 | 81.6 | 8,851 | 8,511 | 18,000 | 17,200 |
| Farm improvements and construction | 49.2 | 44.5 | 7,966 | 6,284 | 16,200 | 12,700 |
| Tractors and self-propelled farm machinery | 13.2 | 13.0 | 6,146 | 5,592 | 12,500 | 11,300 |
| Other farm machinery | 14.8 | 14.9 | 2,803 | 2,573 | 5,700 | 5,200 |
| Seeds and plants | 37.2 | 38.4 | 11,064 | 10,837 | 22,500 | 21,900 |
| Trucks and autos | 13.7 | 12.2 | 2,655 | 2,281 | 5,400 | 4,610 |
| Miscellaneous capital expenses | 4.7 | 4.8 | 295 | 341 | 600 | 690 |
| Total farm production expenditures | 100.0 | 100.0 | 175,935 | 175,169 | 357,800 | 354,000 |

Farm Production Expenditures by Year – United States: 2014-2018

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

| Expenditure | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 45,100 | 45,400 | 40,000 | 41,600 | 46,300 |
| Feed | 63,700 | 58,500 | 55,600 | 54,500 | 53,800 |
| Farm services | 45,300 | 41,600 | 41,700 | 43,100 | 44,100 |
| Rent | 32,600 | 31,000 | 29,800 | 29,700 | 28,800 |
| Agricultural chemicals | 15,800 | 14,600 | 15,200 | 15,700 | 15,400 |
| Fertilizer, lime, and soil conditioners | 28,000 | 25,500 | 23,500 | 22,000 | 23,200 |
| Interest | 9,700 | 9,500 | 9,100 | 9,700 | 9,800 |
| Taxes | 13,600 | 12,800 | 11,900 | 12,700 | 12,800 |
| Labor | 34,200 | 31,800 | 34,100 | 36,000 | 33,900 |
| Fuel | 16,700 | 12,300 | 11,300 | 11,900 | 12,300 |
| Farm supplies and repairs | 19,900 | 18,700 | 17,600 | 18,000 | 17,200 |
| Farm improvements and construction | 18,200 | 16,100 | 14,500 | 16,200 | 12,700 |
| Tractors and self-propelled farm machinery | 16,900 | 11,900 | 10,600 | 12,500 | 11,300 |
| Other farm machinery | 9,000 | 6,100 | 5,000 | 5,700 | 5,200 |
| Seeds and plants | 22,100 | 21,300 | 21,800 | 22,500 | 21,900 |
| Trucks and autos | 6,200 | 5,000 | 4,400 | 5,400 | 4,610 |
| Miscellaneous capital expenses | 600 | 700 | 800 | 600 | 690 |
| Total farm production expenditures | 397,600 | 362,800 | 346,900 | 357,800 | 354,000 |

Farm Production Expenditures by Percent of Total – United States: 2014-2018

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

| Expenditure | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|-----------|-----------|-----------|-----------|-----------|
| | (percent) | (percent) | (percent) | (percent) | (percent) |
| Livestock, poultry, and related expenses | 11.3 | 12.5 | 11.5 | 11.6 | 13.1 |
| Feed | 16.0 | 16.1 | 16.0 | 15.2 | 15.2 |
| Farm services | 11.4 | 11.5 | 12.0 | 12.0 | 12.5 |
| Rent | 8.2 | 8.5 | 8.6 | 8.3 | 8.1 |
| Agricultural chemicals | 4.0 | 4.0 | 4.4 | 4.4 | 4.4 |
| Fertilizer, lime, and soil conditioners | 7.0 | 7.0 | 6.8 | 6.1 | 6.6 |
| Interest | 2.4 | 2.6 | 2.6 | 2.7 | 2.8 |
| Taxes | 3.4 | 3.5 | 3.4 | 3.5 | 3.6 |
| Labor | 8.6 | 8.8 | 9.8 | 10.1 | 9.6 |
| Fuel | 4.2 | 3.4 | 3.3 | 3.3 | 3.5 |
| Farm supplies and repairs | 5.0 | 5.2 | 5.1 | 5.0 | 4.9 |
| Farm improvements and construction | 4.6 | 4.4 | 4.2 | 4.5 | 3.6 |
| Tractors and self-propelled farm machinery | 4.3 | 3.3 | 3.1 | 3.5 | 3.2 |
| Other farm machinery | 2.3 | 1.7 | 1.4 | 1.6 | 1.5 |
| Seeds and plants | 5.6 | 5.9 | 6.3 | 6.3 | 6.2 |
| Trucks and autos | 1.6 | 1.4 | 1.3 | 1.5 | 1.3 |
| Miscellaneous capital expenses | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| 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: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 11.2 | 8.8 | 2,329 | 2,401 | 2,000 | 2,100 |
| Feed | 19.5 | 18.0 | 2,096 | 1,715 | 1,800 | 1,500 |
| Farm services | 89.5 | 88.7 | 28,182 | 28,360 | 24,200 | 24,800 |
| Rent | 31.8 | 31.0 | 28,997 | 27,560 | 24,900 | 24,100 |
| Agricultural chemicals | 54.5 | 57.0 | 16,304 | 15,781 | 14,000 | 13,800 |
| Fertilizer, lime, and soil conditioners | 59.2 | 61.3 | 21,660 | 22,757 | 18,600 | 19,900 |
| Interest | 35.0 | 34.8 | 6,405 | 6,404 | 5,500 | 5,600 |
| Taxes | 99.9 | 99.8 | 9,083 | 9,149 | 7,800 | 8,000 |
| Labor | 26.8 | 26.4 | 30,627 | 28,017 | 26,300 | 24,500 |
| Fuel | 82.4 | 80.4 | 8,734 | 8,920 | 7,500 | 7,800 |
| Farm supplies and repairs | 78.4 | 76.9 | 12,693 | 12,236 | 10,900 | 10,700 |
| Farm improvements and construction | 45.5 | 41.6 | 8,152 | 7,433 | 7,000 | 6,500 |
| Tractors and self-propelled farm machinery | 14.0 | 13.9 | 9,200 | 8,119 | 7,900 | 7,100 |
| Other farm machinery | 17.0 | 15.4 | 4,192 | 3,820 | 3,600 | 3,340 |
| Seeds and plants | 55.2 | 53.9 | 23,058 | 22,300 | 19,800 | 19,500 |
| Trucks and autos | 13.5 | 12.3 | 3,074 | 2,745 | 2,640 | 2,400 |
| Miscellaneous capital expenses | 4.3 | 4.1 | 268 | 309 | 230 | 270 |
| Total farm production expenditures | 100.0 | 100.0 | 215,055 | 208,026 | 184,670 | 181,910 |

Livestock Farms Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 39.3 | 37.4 | 33,702 | 38,554 | 39,600 | 44,200 |
| Feed | 84.4 | 84.7 | 44,851 | 45,619 | 52,700 | 52,300 |
| Farm services | 92.3 | 95.7 | 16,085 | 16,835 | 18,900 | 19,300 |
| Rent | 21.9 | 24.6 | 4,085 | 4,100 | 4,800 | 4,700 |
| Agricultural chemicals | 28.6 | 36.6 | 1,447 | 1,396 | 1,700 | 1,600 |
| Fertilizer, lime, and soil conditioners | 37.5 | 41.6 | 2,894 | 2,878 | 3,400 | 3,300 |
| Interest | 29.6 | 29.6 | 3,574 | 3,664 | 4,200 | 4,200 |
| Taxes | 99.3 | 99.5 | 4,170 | 4,187 | 4,900 | 4,800 |
| Labor | 20.6 | 20.7 | 8,255 | 8,199 | 9,700 | 9,400 |
| Fuel | 85.3 | 87.8 | 3,745 | 3,925 | 4,400 | 4,500 |
| Farm supplies and repairs | 82.5 | 85.3 | 6,043 | 5,670 | 7,100 | 6,500 |
| Farm improvements and construction | 51.9 | 46.6 | 7,830 | 5,408 | 9,200 | 6,200 |
| Tractors and self-propelled farm machinery | 12.6 | 12.3 | 3,915 | 3,664 | 4,600 | 4,200 |
| Other farm machinery | 13.2 | 14.6 | 1,787 | 1,622 | 2,100 | 1,860 |
| Seeds and plants | 24.0 | 26.6 | 2,298 | 2,093 | 2,700 | 2,400 |
| Trucks and autos | 13.9 | 12.1 | 2,349 | 1,928 | 2,760 | 2,210 |
| Miscellaneous capital expenses | 5.0 | 5.3 | 315 | 366 | 370 | 420 |
| Total farm production expenditures | 100.0 | 100.0 | 147,346 | 150,108 | 173,130 | 172,090 |

Farm Production Expenditures, Economic Class Gross Sales, by Percent of Total, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|------------------|-----------|------------------|------------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Less than \$10,000 | 4.7 | 4.7 | 16,020 | 15,996 | 16,650 | 16,490 |
| \$10,000 - \$49,999 | 5.1 | 5.0 | 37,864 | 36,667 | 18,330 | 17,640 |
| \$50,000 - \$99,999 | 3.4 | 3.3 | 92,092 | 87,053 | 12,310 | 11,760 |
| \$100,000 - \$249,999 | 6.6 | 6.8 | 174,594 | 178,338 | 23,750 | 24,040 |
| \$250,000 - \$499,999 | 9.0 | 8.9 | 359,181 | 354,357 | 32,100 | 31,350 |
| \$500,000 - \$999,999 | 13.3 | 13.3 | 662,587 | 651,360 | 47,640 | 46,950 |
| \$1,000,000 - \$4,999,999 | 32.4 | 32.0 | 1,647,050 | 1,627,496 | 115,870 | 113,290 |
| \$5,000,000 and over | 25.5 | 26.1 | 10,150,334 | 10,426,156 | 91,150 | 92,480 |
| Total farm production expenditures | 100.0 | 100.0 | 175,935 | 175,169 | 357,800 | 354,000 |

Farm Production Expenditures, Economic Class Gross Sales of Less than \$10,000 by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 21.2 | 19.2 | 452 | 446 | 470 | 460 |
| Feed | 58.1 | 57.9 | 1,616 | 1,649 | 1,680 | 1,700 |
| Farm services | 84.9 | 88.6 | 2,126 | 2,202 | 2,210 | 2,270 |
| Rent | 7.4 | 9.0 | 164 | 175 | 170 | 180 |
| Agricultural chemicals | 18.6 | 27.0 | 115 | 136 | 120 | 140 |
| Fertilizer, lime, and soil conditioners | 26.7 | 32.0 | 337 | 398 | 350 | 410 |
| Interest | 18.8 | 18.4 | 818 | 786 | 850 | 810 |
| Taxes | 99.3 | 99.5 | 2,184 | 2,250 | 2,270 | 2,320 |
| Labor | 10.7 | 11.3 | 481 | 524 | 500 | 540 |
| Fuel | 75.0 | 77.2 | 664 | 795 | 690 | 820 |
| Farm supplies and repairs | 70.6 | 72.7 | 1,203 | 1,135 | 1,250 | 1,170 |
| Farm improvements and construction | 38.8 | 35.1 | 2,540 | 2,134 | 2,640 | 2,200 |
| Tractors and self-propelled farm machinery | 8.3 | 9.1 | 1,443 | 1,533 | 1,500 | 1,580 |
| Other farm machinery | 7.7 | 8.7 | 471 | 456 | 490 | 470 |
| Seeds and plants | 16.8 | 18.5 | 183 | 175 | 190 | 180 |
| Trucks and autos | 8.7 | 9.0 | 1,087 | 1,038 | 1,130 | 1,070 |
| Miscellaneous capital expenses | 2.9 | 3.3 | 135 | 165 | 140 | 170 |
| Total farm production expenditures | 100.0 | 100.0 | 16,020 | 15,996 | 16,650 | 16,490 |

Farm Production Expenditures, Economic Class Gross Sales of \$10,000-\$49,999 by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 28.9 | 25.1 | 1,859 | 1,767 | 900 | 850 |
| Feed | 59.4 | 56.8 | 2,975 | 2,869 | 1,440 | 1,380 |
| Farm services | 95.4 | 93.7 | 5,350 | 5,197 | 2,590 | 2,500 |
| Rent | 24.8 | 27.0 | 1,467 | 1,393 | 710 | 670 |
| Agricultural chemicals | 42.0 | 47.4 | 723 | 769 | 350 | 370 |
| Fertilizer, lime, and soil conditioners | 51.7 | 55.9 | 1,797 | 2,141 | 870 | 1,030 |
| Interest | 27.6 | 29.4 | 1,487 | 1,642 | 720 | 790 |
| Taxes | 99.6 | 99.5 | 3,512 | 3,409 | 1,700 | 1,640 |
| Labor | 21.5 | 20.7 | 1,694 | 1,663 | 820 | 800 |
| Fuel | 89.2 | 87.1 | 1,900 | 1,933 | 920 | 930 |
| Farm supplies and repairs | 85.8 | 84.8 | 2,954 | 2,806 | 1,430 | 1,350 |
| Farm improvements and construction | 52.6 | 46.6 | 3,739 | 3,409 | 1,810 | 1,640 |
| Tractors and self-propelled farm machinery | 15.4 | 13.9 | 3,450 | 3,097 | 1,670 | 1,490 |
| Other farm machinery | 14.4 | 16.5 | 1,136 | 1,247 | 550 | 600 |
| Seeds and plants | 39.4 | 40.7 | 1,219 | 1,289 | 590 | 620 |
| Trucks and autos | 14.2 | 11.1 | 2,293 | 1,642 | 1,110 | 790 |
| Miscellaneous capital expenses | 5.4 | 5.2 | 310 | 395 | 150 | 190 |
| Total farm production expenditures | 100.0 | 100.0 | 37,864 | 36,667 | 18,330 | 17,640 |

Farm Production Expenditures, Economic Class Gross Sales of \$50,000-\$99,999 by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 32.8 | 32.8 | 4,788 | 4,367 | 640 | 590 |
| Feed | 56.3 | 54.3 | 6,284 | 5,404 | 840 | 730 |
| Farm services | 99.4 | 99.7 | 13,541 | 12,880 | 1,810 | 1,740 |
| Rent | 49.3 | 49.2 | 5,835 | 6,070 | 780 | 820 |
| Agricultural chemicals | 68.4 | 70.2 | 3,741 | 3,849 | 500 | 520 |
| Fertilizer, lime, and soil conditioners | 75.5 | 74.2 | 6,509 | 7,032 | 870 | 950 |
| Interest | 45.9 | 44.9 | 3,516 | 3,405 | 470 | 460 |
| Taxes | 100.0 | 100.0 | 6,135 | 5,922 | 820 | 800 |
| Labor | 33.2 | 30.2 | 4,638 | 5,330 | 620 | 720 |
| Fuel | 95.2 | 94.9 | 4,414 | 4,664 | 590 | 630 |
| Farm supplies and repairs | 93.9 | 95.4 | 7,556 | 6,884 | 1,010 | 930 |
| Farm improvements and construction | 59.1 | 52.5 | 7,032 | 5,774 | 940 | 780 |
| Tractors and self-propelled farm machinery | 14.9 | 12.0 | 5,087 | 4,738 | 680 | 640 |
| Other farm machinery | 22.6 | 16.8 | 2,918 | 1,777 | 390 | 240 |
| Seeds and plants | 65.4 | 64.2 | 5,611 | 5,700 | 750 | 770 |
| Trucks and autos | 21.0 | 13.9 | 4,040 | 2,813 | 540 | 380 |
| Miscellaneous capital expenses | 6.6 | 7.0 | 449 | 444 | 60 | 60 |
| Total farm production expenditures | 100.0 | 100.0 | 92,092 | 87,053 | 12,310 | 11,760 |

Farm Production Expenditures, Economic Class Gross Sales of \$100,000-\$249,999 by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 34.6 | 32.2 | 8,822 | 8,160 | 1,200 | 1,100 |
| Feed | 50.3 | 49.0 | 11,468 | 11,795 | 1,560 | 1,590 |
| Farm services | 99.8 | 99.9 | 24,553 | 24,629 | 3,340 | 3,320 |
| Rent | 61.5 | 61.3 | 16,467 | 16,469 | 2,240 | 2,220 |
| Agricultural chemicals | 78.6 | 81.6 | 9,483 | 9,941 | 1,290 | 1,340 |
| Fertilizer, lime, and soil conditioners | 83.5 | 83.7 | 15,144 | 17,136 | 2,060 | 2,310 |
| Interest | 55.8 | 59.6 | 6,102 | 6,528 | 830 | 880 |
| Taxes | 100.0 | 99.9 | 9,704 | 9,644 | 1,320 | 1,300 |
| Labor | 40.2 | 39.1 | 12,130 | 12,018 | 1,650 | 1,620 |
| Fuel | 97.1 | 97.0 | 8,233 | 9,050 | 1,120 | 1,220 |
| Farm supplies and repairs | 96.0 | 96.5 | 12,497 | 12,760 | 1,700 | 1,720 |
| Farm improvements and construction | 62.3 | 57.6 | 9,557 | 9,050 | 1,300 | 1,220 |
| Tractors and self-propelled farm machinery | 16.2 | 18.6 | 8,013 | 8,383 | 1,090 | 1,130 |
| Other farm machinery | 25.1 | 25.4 | 4,117 | 4,228 | 560 | 570 |
| Seeds and plants | 76.9 | 76.1 | 13,894 | 13,947 | 1,890 | 1,880 |
| Trucks and autos | 18.8 | 17.6 | 3,896 | 4,006 | 530 | 540 |
| Miscellaneous capital expenses | 7.9 | 7.7 | 515 | 593 | 70 | 80 |
| Total farm production expenditures | 100.0 | 100.0 | 174,594 | 178,338 | 23,750 | 24,040 |

Farm Production Expenditures, Economic Class Gross Sales of \$250,000-\$499,999 by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 38.2 | 36.5 | 17,120 | 19,216 | 1,530 | 1,700 |
| Feed | 50.3 | 48.0 | 28,309 | 24,867 | 2,530 | 2,200 |
| Farm services | 100.0 | 100.0 | 46,436 | 47,135 | 4,150 | 4,170 |
| Rent | 78.0 | 78.6 | 44,310 | 43,065 | 3,960 | 3,810 |
| Agricultural chemicals | 88.8 | 86.1 | 22,379 | 22,380 | 2,000 | 1,980 |
| Fertilizer, lime, and soil conditioners | 89.5 | 88.0 | 32,449 | 34,023 | 2,900 | 3,010 |
| Interest | 68.9 | 65.0 | 11,861 | 12,434 | 1,060 | 1,100 |
| Taxes | 100.0 | 99.8 | 16,113 | 15,825 | 1,440 | 1,400 |
| Labor | 55.0 | 53.6 | 23,610 | 24,302 | 2,110 | 2,150 |
| Fuel | 99.6 | 98.1 | 14,322 | 15,372 | 1,280 | 1,360 |
| Farm supplies and repairs | 98.5 | 96.9 | 22,491 | 21,702 | 2,010 | 1,920 |
| Farm improvements and construction | 71.1 | 62.8 | 13,987 | 9,834 | 1,250 | 870 |
| Tractors and self-propelled farm machinery | 25.7 | 21.5 | 18,686 | 15,485 | 1,670 | 1,370 |
| Other farm machinery | 35.8 | 29.2 | 8,280 | 8,477 | 740 | 750 |
| Seeds and plants | 85.1 | 88.2 | 33,009 | 34,249 | 2,950 | 3,030 |
| Trucks and autos | 23.6 | 21.2 | 5,259 | 5,426 | 470 | 480 |
| Miscellaneous capital expenses | 6.8 | 6.3 | 559 | 565 | 50 | 50 |
| Total farm production expenditures | 100.0 | 100.0 | 359,181 | 354,357 | 32,100 | 31,350 |

Farm Production Expenditures, Economic Class Gross Sales of \$500,000-\$999,999 by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 40.2 | 34.8 | 43,950 | 45,782 | 3,160 | 3,300 |
| Feed | 46.0 | 42.6 | 53,547 | 47,170 | 3,850 | 3,400 |
| Farm services | 100.0 | 100.0 | 77,886 | 80,466 | 5,600 | 5,800 |
| Rent | 78.7 | 79.0 | 87,622 | 84,628 | 6,300 | 6,100 |
| Agricultural chemicals | 87.8 | 89.3 | 41,725 | 40,927 | 3,000 | 2,950 |
| Fertilizer, lime, and soil conditioners | 88.6 | 88.4 | 61,196 | 65,344 | 4,400 | 4,710 |
| Interest | 78.8 | 71.3 | 21,280 | 20,117 | 1,530 | 1,450 |
| Taxes | 100.0 | 100.0 | 24,896 | 24,695 | 1,790 | 1,780 |
| Labor | 65.2 | 68.7 | 52,851 | 53,690 | 3,800 | 3,870 |
| Fuel | 98.7 | 98.9 | 25,174 | 25,805 | 1,810 | 1,860 |
| Farm supplies and repairs | 98.9 | 98.3 | 37,413 | 35,932 | 2,690 | 2,590 |
| Farm improvements and construction | 73.1 | 69.9 | 26,565 | 23,030 | 1,910 | 1,660 |
| Tractors and self-propelled farm machinery | 24.1 | 25.0 | 25,452 | 23,446 | 1,830 | 1,690 |
| Other farm machinery | 34.6 | 32.9 | 14,186 | 11,654 | 1,020 | 840 |
| Seeds and plants | 85.1 | 87.4 | 59,805 | 61,043 | 4,300 | 4,400 |
| Trucks and autos | 26.6 | 22.8 | 8,345 | 6,937 | 600 | 500 |
| Miscellaneous capital expenses | 9.2 | 8.6 | 695 | 694 | 50 | 50 |
| Total farm production expenditures | 100.0 | 100.0 | 662,587 | 651,360 | 47,640 | 46,950 |

Farm Production Expenditures, Economic Class Gross Sales of \$1,000,000-\$4,999,999 by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 54.8 | 53.6 | 181,947 | 214,050 | 12,800 | 14,900 |
| Feed | 56.2 | 57.9 | 301,350 | 295,934 | 21,200 | 20,600 |
| Farm services | 100.0 | 100.0 | 196,162 | 205,430 | 13,800 | 14,300 |
| Rent | 72.8 | 69.3 | 167,733 | 165,206 | 11,800 | 11,500 |
| Agricultural chemicals | 84.0 | 84.7 | 83,866 | 80,448 | 5,900 | 5,600 |
| Fertilizer, lime, and soil conditioners | 79.2 | 76.7 | 109,453 | 112,053 | 7,700 | 7,800 |
| Interest | 80.3 | 80.3 | 40,654 | 40,942 | 2,860 | 2,850 |
| Taxes | 100.0 | 100.0 | 35,679 | 36,776 | 2,510 | 2,560 |
| Labor | 76.4 | 76.3 | 160,625 | 147,967 | 11,300 | 10,300 |
| Fuel | 99.6 | 99.6 | 52,168 | 52,866 | 3,670 | 3,680 |
| Farm supplies and repairs | 99.2 | 97.8 | 69,225 | 66,370 | 4,870 | 4,620 |
| Farm improvements and construction | 78.4 | 72.5 | 54,584 | 30,599 | 3,840 | 2,130 |
| Tractors and self-propelled farm machinery | 30.7 | 28.2 | 46,624 | 39,362 | 3,280 | 2,740 |
| Other farm machinery | 38.0 | 33.5 | 21,322 | 19,537 | 1,500 | 1,360 |
| Seeds and plants | 77.6 | 76.2 | 113,717 | 109,180 | 8,000 | 7,600 |
| Trucks and autos | 29.9 | 26.7 | 10,945 | 9,769 | 770 | 680 |
| Miscellaneous capital expenses | 9.5 | 7.1 | 995 | 1,006 | 70 | 70 |
| Total farm production expenditures | 100.0 | 100.0 | 1,647,050 | 1,627,496 | 115,870 | 113,290 |

Farm Production Expenditures, Economic Class Gross Sales of \$5,000,000 and Over by Farms Reporting, Average per Farm, and Total – United States: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|------------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 58.6 | 54.0 | 2,327,394 | 2,638,106 | 20,900 | 23,400 |
| Feed | 63.8 | 60.6 | 2,383,073 | 2,502,818 | 21,400 | 22,200 |
| Farm services | 100.0 | 100.0 | 1,069,042 | 1,127,396 | 9,600 | 10,000 |
| Rent | 66.2 | 68.1 | 416,481 | 394,589 | 3,740 | 3,500 |
| Agricultural chemicals | 85.4 | 84.8 | 282,851 | 281,849 | 2,540 | 2,500 |
| Fertilizer, lime, and soil conditioners | 80.2 | 77.9 | 317,372 | 335,964 | 2,850 | 2,980 |
| Interest | 84.3 | 81.7 | 153,675 | 164,600 | 1,380 | 1,460 |
| Taxes | 100.0 | 100.0 | 94,655 | 112,740 | 850 | 1,000 |
| Labor | 91.8 | 95.2 | 1,692,650 | 1,567,080 | 15,200 | 13,900 |
| Fuel | 99.4 | 100.0 | 202,673 | 202,931 | 1,820 | 1,800 |
| Farm supplies and repairs | 99.4 | 98.6 | 338,530 | 326,945 | 3,040 | 2,900 |
| Farm improvements and construction | 86.9 | 81.7 | 279,510 | 248,027 | 2,510 | 2,200 |
| Tractors and self-propelled farm machinery | 43.4 | 36.1 | 86,860 | 74,408 | 780 | 660 |
| Other farm machinery | 35.3 | 37.0 | 50,111 | 41,714 | 450 | 370 |
| Seeds and plants | 79.3 | 77.0 | 426,503 | 385,569 | 3,830 | 3,420 |
| Trucks and autos | 44.3 | 33.4 | 27,840 | 19,166 | 250 | 170 |
| Miscellaneous capital expenses | 11.0 | 9.0 | 1,114 | 2,255 | 10 | 20 |
| Total farm production expenditures | 100.0 | 100.0 | 10,150,334 | 10,426,156 | 91,150 | 92,480 |

Fuel Production Expenditure Sub-Components by Type of Farm, Economic Class, and Region – United States: 2017 and 2018

[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 | |
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Crop farms | 7,500 | 7,800 | 4,940 | 5,400 | 1,250 | 1,230 | 740 | 740 | 570 | 430 |
| Livestock farms | 4,400 | 4,500 | 2,560 | 2,700 | 950 | 900 | 660 | 670 | 230 | 230 |

| Economic class | Fuel production expenditure | | | | | | | | | |
|---------------------------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | | Diesel | | Gasoline | | LP gas | | Other fuel | |
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Less than \$10,000 | 690 | 820 | 360 | 440 | 260 | 300 | 50 | 50 | 20 | 30 |
| \$10,000 - \$49,999 | 920 | 930 | 580 | 600 | 260 | 250 | 60 | 60 | 20 | 20 |
| \$50,000 - \$99,999 | 590 | 630 | 370 | 400 | 150 | 160 | 50 | 50 | 20 | 20 |
| \$100,000 - \$249,999 | 1,120 | 1,220 | 710 | 860 | 260 | 220 | 110 | 100 | 40 | 40 |
| \$250,000 - \$499,999 | 1,280 | 1,360 | 850 | 1,000 | 230 | 200 | 130 | 120 | 70 | 40 |
| \$500,000 - \$999,999 | 1,810 | 1,860 | 1,230 | 1,290 | 290 | 280 | 210 | 210 | 80 | 80 |
| \$1,000,000 - \$4,999,999 | 3,670 | 3,680 | 2,310 | 2,390 | 520 | 460 | 610 | 540 | 230 | 290 |
| \$5,000,000 and over | 1,820 | 1,800 | 1,090 | 1,120 | 230 | 260 | 180 | 280 | 320 | 140 |

| Region | Fuel production expenditure | | | | | | | | | |
|---------------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | Total | | Diesel | | Gasoline | | LP gas | | Other fuel | |
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Atlantic | 1,600 | 1,560 | 900 | 930 | 320 | 280 | 230 | 220 | 150 | 130 |
| South | 1,460 | 1,510 | 920 | 950 | 260 | 270 | 210 | 190 | 70 | 100 |
| Midwest | 3,450 | 3,820 | 2,160 | 2,540 | 510 | 480 | 640 | 640 | 140 | 160 |
| Plains | 2,950 | 3,050 | 1,930 | 2,110 | 570 | 560 | 175 | 220 | 275 | 160 |
| West | 2,440 | 2,360 | 1,590 | 1,570 | 540 | 540 | 145 | 140 | 165 | 110 |
| United States | 11,900 | 12,300 | 7,500 | 8,100 | 2,200 | 2,130 | 1,400 | 1,410 | 800 | 660 |

Farm Production Expenditures – Region, State, and United States: 2017 and 2018

[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 | | | |
|----------------------------|------------------------------------|-------------------|--|-------------------|--------------------|--------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (percent of total) | (percent of total) |
| Atlantic | | | | | | |
| North Carolina | 11,235 | 12,110 | 2,350 | 2,770 | 20.9 | 22.9 |
| Other States | 32,005 | 32,915 | 1,670 | 2,210 | 5.2 | 6.7 |
| Total | 43,240 | 45,025 | 4,020 | 4,980 | 9.3 | 11.1 |
| South | | | | | | |
| Arkansas | 8,190 | 8,160 | 800 | 910 | 9.8 | 11.2 |
| Florida | 5,950 | 5,490 | 70 | 80 | 1.2 | 1.5 |
| Georgia | 7,205 | 7,675 | 980 | 1,070 | 13.6 | 13.9 |
| Other States | 14,765 | 15,020 | 1,390 | 1,740 | 9.4 | 11.6 |
| Total | 36,110 | 36,345 | 3,240 | 3,800 | 9.0 | 10.5 |
| Midwest | | | | | | |
| Illinois | 16,835 | 16,050 | 880 | 530 | 5.2 | 3.3 |
| Indiana | 10,285 | 10,125 | 590 | 550 | 5.7 | 5.4 |
| Iowa | 26,395 | 25,320 | 4,240 | 4,050 | 16.1 | 16.0 |
| Minnesota | 16,030 | 15,955 | 1,300 | 1,370 | 8.1 | 8.6 |
| Missouri | 10,170 | 10,315 | 930 | 1,030 | 9.1 | 10.0 |
| Wisconsin | 11,425 | 10,050 | 630 | 610 | 5.5 | 6.1 |
| Other States | 16,630 | 16,920 | 1,000 | 970 | 6.0 | 5.7 |
| Total | 107,770 | 104,735 | 9,570 | 9,110 | 8.9 | 8.7 |
| Plains | | | | | | |
| Kansas | 18,635 | 17,260 | 6,590 | 6,380 | 35.4 | 37.0 |
| Nebraska | 22,595 | 24,240 | 6,330 | 8,090 | 28.0 | 33.4 |
| Texas | 24,550 | 25,080 | 4,600 | 5,910 | 18.7 | 23.6 |
| Other States | 26,120 | 25,165 | 3,580 | 3,520 | 13.7 | 14.0 |
| Total | 91,900 | 91,745 | 21,100 | 23,900 | 23.0 | 26.1 |
| West | | | | | | |
| California | 37,795 | 36,770 | 680 | 990 | 1.8 | 2.7 |
| Washington | 8,665 | 8,190 | 630 | 230 | 7.3 | 2.8 |
| Other States | 32,320 | 31,190 | 2,360 | 3,290 | 7.3 | 10.5 |
| Total | 78,780 | 76,150 | 3,670 | 4,510 | 4.7 | 5.9 |
| United States | 357,800 | 354,000 | 41,600 | 46,300 | 11.6 | 13.1 |

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Farm Production Expenditures – Region, State, and United States: 2017 and 2018 (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 | | | |
|----------------------------|-------------------|-------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (percent of total) | (percent of total) | (million dollars) | (million dollars) | (percent of total) | (percent of total) |
| Atlantic | | | | | | | | |
| North Carolina | 3,400 | 3,760 | 30.3 | 31.0 | 1,030 | 1,640 | 9.2 | 13.5 |
| Other States | 5,900 | 5,840 | 18.4 | 17.7 | 4,070 | 4,060 | 12.7 | 12.3 |
| Total | 9,300 | 9,600 | 21.5 | 21.3 | 5,100 | 5,700 | 11.8 | 12.7 |
| South | | | | | | | | |
| Arkansas | 2,160 | 2,130 | 26.4 | 26.1 | 970 | 940 | 11.8 | 11.5 |
| Florida | 520 | 510 | 8.7 | 9.3 | 800 | 640 | 13.4 | 11.7 |
| Georgia | 2,100 | 2,260 | 29.1 | 29.4 | 720 | 880 | 10.0 | 11.5 |
| Other States | 3,720 | 3,900 | 25.2 | 26.0 | 1,820 | 1,940 | 12.3 | 12.9 |
| Total | 8,500 | 8,800 | 23.5 | 24.2 | 4,310 | 4,400 | 11.9 | 12.1 |
| Midwest | | | | | | | | |
| Illinois | 1,000 | 820 | 5.9 | 5.1 | 1,500 | 1,520 | 8.9 | 9.5 |
| Indiana | 1,150 | 1,130 | 11.2 | 11.2 | 1,070 | 990 | 10.4 | 9.8 |
| Iowa | 4,400 | 4,270 | 16.7 | 16.9 | 2,610 | 2,500 | 9.9 | 9.9 |
| Minnesota | 2,250 | 2,030 | 14.0 | 12.7 | 1,920 | 1,840 | 12.0 | 11.5 |
| Missouri | 1,770 | 1,410 | 17.4 | 13.7 | 1,040 | 1,080 | 10.2 | 10.5 |
| Wisconsin | 1,930 | 1,790 | 16.9 | 17.8 | 1,590 | 1,400 | 13.9 | 13.9 |
| Other States | 2,500 | 2,050 | 15.0 | 12.1 | 2,000 | 1,970 | 12.0 | 11.6 |
| Total | 15,000 | 13,500 | 13.9 | 12.9 | 11,730 | 11,300 | 10.9 | 10.8 |
| Plains | | | | | | | | |
| Kansas | 2,600 | 2,300 | 14.0 | 13.3 | 1,340 | 1,360 | 7.2 | 7.9 |
| Nebraska | 3,000 | 3,100 | 13.3 | 12.8 | 1,990 | 2,010 | 8.8 | 8.3 |
| Texas | 4,400 | 4,750 | 17.9 | 18.9 | 3,020 | 3,100 | 12.3 | 12.4 |
| Other States | 2,100 | 1,850 | 8.0 | 7.4 | 2,900 | 2,830 | 11.1 | 11.2 |
| Total | 12,100 | 12,000 | 13.2 | 13.1 | 9,250 | 9,300 | 10.1 | 10.1 |
| West | | | | | | | | |
| California | 3,400 | 4,500 | 9.0 | 12.2 | 6,530 | 7,330 | 17.3 | 19.9 |
| Washington | 1,100 | 870 | 12.7 | 10.6 | 1,320 | 1,650 | 15.2 | 20.1 |
| Other States | 5,100 | 4,530 | 15.8 | 14.5 | 4,860 | 4,420 | 15.0 | 14.2 |
| Total | 9,600 | 9,900 | 12.2 | 13.0 | 12,710 | 13,400 | 16.1 | 17.6 |
| United States | 54,500 | 53,800 | 15.2 | 15.2 | 43,100 | 44,100 | 12.0 | 12.5 |

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Farm Production Expenditures – Region, State, and United States: 2017 and 2018 (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 | | | |
|----------------------------|-------------------|-------------------|--------------------|--------------------|------------------------|-------------------|--------------------|--------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (percent of total) | (percent of total) | (million dollars) | (million dollars) | (percent of total) | (percent of total) |
| Atlantic | | | | | | | | |
| North Carolina | 280 | 250 | 2.5 | 2.1 | 310 | 320 | 2.8 | 2.6 |
| Other States | 1,280 | 1,290 | 4.0 | 3.9 | 930 | 1,010 | 2.9 | 3.1 |
| Total | 1,560 | 1,540 | 3.6 | 3.4 | 1,240 | 1,330 | 2.9 | 3.0 |
| South | | | | | | | | |
| Arkansas | 730 | 730 | 8.9 | 8.9 | 450 | 460 | 5.5 | 5.6 |
| Florida | 130 | 110 | 2.2 | 2.0 | 430 | 300 | 7.2 | 5.5 |
| Georgia | 220 | 220 | 3.1 | 2.9 | 310 | 320 | 4.3 | 4.2 |
| Other States | 810 | 840 | 5.5 | 5.6 | 690 | 700 | 4.7 | 4.7 |
| Total | 1,890 | 1,900 | 5.2 | 5.2 | 1,880 | 1,780 | 5.2 | 4.9 |
| Midwest | | | | | | | | |
| Illinois | 3,590 | 3,280 | 21.3 | 20.4 | 1,130 | 1,210 | 6.7 | 7.5 |
| Indiana | 1,520 | 1,490 | 14.8 | 14.7 | 560 | 560 | 5.4 | 5.5 |
| Iowa | 3,720 | 3,690 | 14.1 | 14.6 | 1,140 | 1,090 | 4.3 | 4.3 |
| Minnesota | 1,840 | 2,080 | 11.5 | 13.0 | 780 | 730 | 4.9 | 4.6 |
| Missouri | 990 | 1,180 | 9.7 | 11.4 | 580 | 580 | 5.7 | 5.6 |
| Wisconsin | 580 | 560 | 5.1 | 5.6 | 360 | 320 | 3.2 | 3.2 |
| Other States | 1,390 | 1,400 | 8.4 | 8.3 | 730 | 780 | 4.4 | 4.6 |
| Total | 13,630 | 13,680 | 12.6 | 13.1 | 5,280 | 5,270 | 4.9 | 5.0 |
| Plains | | | | | | | | |
| Kansas | 1,360 | 1,320 | 7.3 | 7.6 | 740 | 770 | 4.0 | 4.5 |
| Nebraska | 2,400 | 2,440 | 10.6 | 10.1 | 830 | 870 | 3.7 | 3.6 |
| Texas | 1,120 | 800 | 4.6 | 3.2 | 700 | 610 | 2.9 | 2.4 |
| Other States | 3,000 | 2,910 | 11.5 | 11.6 | 1,470 | 1,390 | 5.6 | 5.5 |
| Total | 7,880 | 7,470 | 8.6 | 8.1 | 3,740 | 3,640 | 4.1 | 4.0 |
| West | | | | | | | | |
| California | 2,230 | 1,950 | 5.9 | 5.3 | 1,910 | 2,000 | 5.1 | 5.4 |
| Washington | 540 | 460 | 6.2 | 5.6 | 560 | 480 | 6.5 | 5.9 |
| Other States | 1,970 | 1,800 | 6.1 | 5.8 | 1,090 | 900 | 3.4 | 2.9 |
| Total | 4,740 | 4,210 | 6.0 | 5.5 | 3,560 | 3,380 | 4.5 | 4.4 |
| United States | 29,700 | 28,800 | 8.3 | 8.1 | 15,700 | 15,400 | 4.4 | 4.4 |

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Farm Production Expenditures – Region, State, and United States: 2017 and 2018 (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 | | | |
|----------------------------|---|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| | 2017 (million dollars) | 2018 (million dollars) | 2017 (percent of total) | 2018 (percent of total) | 2017 (million dollars) | 2018 (million dollars) | 2017 (percent of total) | 2018 (percent of total) |
| Atlantic | | | | | | | | |
| North Carolina | 460 | 410 | 4.1 | 3.4 | 160 | 150 | 1.4 | 1.2 |
| Other States | 1,630 | 1,950 | 5.1 | 5.9 | 900 | 890 | 2.8 | 2.7 |
| Total | 2,090 | 2,360 | 4.8 | 5.2 | 1,060 | 1,040 | 2.5 | 2.3 |
| South | | | | | | | | |
| Arkansas | 435 | 485 | 5.3 | 5.9 | 200 | 180 | 2.4 | 2.2 |
| Florida | 455 | 310 | 7.6 | 5.6 | 160 | 100 | 2.7 | 1.8 |
| Georgia | 360 | 455 | 5.0 | 5.9 | 150 | 110 | 2.1 | 1.4 |
| Other States | 800 | 920 | 5.4 | 6.1 | 300 | 330 | 2.0 | 2.2 |
| Total | 2,050 | 2,170 | 5.7 | 6.0 | 810 | 720 | 2.2 | 2.0 |
| Midwest | | | | | | | | |
| Illinois | 1,720 | 1,850 | 10.2 | 11.5 | 460 | 530 | 2.7 | 3.3 |
| Indiana | 960 | 1,080 | 9.3 | 10.7 | 370 | 350 | 3.6 | 3.5 |
| Iowa | 1,810 | 1,790 | 6.9 | 7.1 | 830 | 890 | 3.1 | 3.5 |
| Minnesota | 1,310 | 1,420 | 8.2 | 8.9 | 600 | 640 | 3.7 | 4.0 |
| Missouri | 850 | 910 | 8.4 | 8.8 | 320 | 370 | 3.1 | 3.6 |
| Wisconsin | 720 | 660 | 6.3 | 6.6 | 450 | 460 | 3.9 | 4.6 |
| Other States | 1,150 | 1,270 | 6.9 | 7.5 | 520 | 560 | 3.1 | 3.3 |
| Total | 8,520 | 8,980 | 7.9 | 8.6 | 3,550 | 3,800 | 3.3 | 3.6 |
| Plains | | | | | | | | |
| Kansas | 950 | 970 | 5.1 | 5.6 | 380 | 390 | 2.0 | 2.3 |
| Nebraska | 1,270 | 1,360 | 5.6 | 5.6 | 580 | 550 | 2.6 | 2.3 |
| Texas | 1,000 | 1,060 | 4.1 | 4.2 | 400 | 530 | 1.6 | 2.1 |
| Other States | 2,040 | 2,280 | 7.8 | 9.1 | 950 | 950 | 3.6 | 3.8 |
| Total | 5,260 | 5,670 | 5.7 | 6.2 | 2,310 | 2,420 | 2.5 | 2.6 |
| West | | | | | | | | |
| California | 1,980 | 2,030 | 5.2 | 5.5 | 840 | 710 | 2.2 | 1.9 |
| Washington | 410 | 380 | 4.7 | 4.6 | 160 | 150 | 1.8 | 1.8 |
| Other States | 1,690 | 1,610 | 5.2 | 5.2 | 970 | 960 | 3.0 | 3.1 |
| Total | 4,080 | 4,020 | 5.2 | 5.3 | 1,970 | 1,820 | 2.5 | 2.4 |
| United States | 22,000 | 23,200 | 6.1 | 6.6 | 9,700 | 9,800 | 2.7 | 2.8 |

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Farm Production Expenditures – Region, State, and United States: 2017 and 2018 (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 | | | |
|----------------------------|-------------------|-------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (percent of total) | (percent of total) | (million dollars) | (million dollars) | (percent of total) | (percent of total) |
| Atlantic | | | | | | | | |
| North Carolina | 230 | 240 | 2.0 | 2.0 | 1,070 | 730 | 9.5 | 6.0 |
| Other States | 1,440 | 1,540 | 4.5 | 4.7 | 3,610 | 3,360 | 11.3 | 10.2 |
| Total | 1,670 | 1,780 | 3.9 | 4.0 | 4,680 | 4,090 | 10.8 | 9.1 |
| South | | | | | | | | |
| Arkansas | 170 | 155 | 2.1 | 1.9 | 310 | 320 | 3.8 | 3.9 |
| Florida | 170 | 200 | 2.9 | 3.6 | 1,550 | 1,540 | 26.1 | 28.1 |
| Georgia | 170 | 200 | 2.4 | 2.6 | 610 | 530 | 8.5 | 6.9 |
| Other States | 360 | 285 | 2.4 | 1.9 | 740 | 700 | 5.0 | 4.7 |
| Total | 870 | 840 | 2.4 | 2.3 | 3,210 | 3,090 | 8.9 | 8.5 |
| Midwest | | | | | | | | |
| Illinois | 510 | 600 | 3.0 | 3.7 | 570 | 550 | 3.4 | 3.4 |
| Indiana | 435 | 510 | 4.2 | 5.0 | 500 | 520 | 4.9 | 5.1 |
| Iowa | 820 | 900 | 3.1 | 3.6 | 910 | 770 | 3.4 | 3.0 |
| Minnesota | 620 | 720 | 3.9 | 4.5 | 730 | 670 | 4.6 | 4.2 |
| Missouri | 265 | 310 | 2.6 | 3.0 | 390 | 350 | 3.8 | 3.4 |
| Wisconsin | 380 | 400 | 3.3 | 4.0 | 1,050 | 1,110 | 9.2 | 11.0 |
| Other States | 830 | 860 | 5.0 | 5.1 | 1,290 | 1,670 | 7.8 | 9.9 |
| Total | 3,860 | 4,300 | 3.6 | 4.1 | 5,440 | 5,640 | 5.0 | 5.4 |
| Plains | | | | | | | | |
| Kansas | 620 | 480 | 3.3 | 2.8 | 610 | 560 | 3.3 | 3.2 |
| Nebraska | 1,300 | 1,200 | 5.8 | 5.0 | 770 | 780 | 3.4 | 3.2 |
| Texas | 1,050 | 1,020 | 4.3 | 4.1 | 1,900 | 2,050 | 7.7 | 8.2 |
| Other States | 1,140 | 960 | 4.4 | 3.8 | 840 | 760 | 3.2 | 3.0 |
| Total | 4,110 | 3,660 | 4.5 | 4.0 | 4,120 | 4,150 | 4.5 | 4.5 |
| West | | | | | | | | |
| California | 1,110 | 1,160 | 2.9 | 3.2 | 11,700 | 10,170 | 31.0 | 27.7 |
| Washington | 210 | 250 | 2.4 | 3.1 | 2,100 | 2,090 | 24.2 | 25.5 |
| Other States | 870 | 810 | 2.7 | 2.6 | 4,750 | 4,670 | 14.7 | 15.0 |
| Total | 2,190 | 2,220 | 2.8 | 2.9 | 18,550 | 16,930 | 23.5 | 22.2 |
| United States | 12,700 | 12,800 | 3.5 | 3.6 | 36,000 | 33,900 | 10.1 | 9.6 |

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Farm Production Expenditures – Region, State, and United States: 2017 and 2018 (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 | | | |
|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| | 2017 (million dollars) | 2018 (million dollars) | 2017 (percent of total) | 2018 (percent of total) | 2017 (million dollars) | 2018 (million dollars) | 2017 (percent of total) | 2018 (percent of total) |
| Atlantic | | | | | | | | |
| North Carolina | 320 | 290 | 2.8 | 2.4 | 430 | 330 | 3.8 | 2.7 |
| Other States | 1,280 | 1,270 | 4.0 | 3.9 | 2,220 | 2,320 | 6.9 | 7.0 |
| Total | 1,600 | 1,560 | 3.7 | 3.5 | 2,650 | 2,650 | 6.1 | 5.9 |
| South | | | | | | | | |
| Arkansas | 380 | 390 | 4.6 | 4.8 | 315 | 355 | 3.8 | 4.4 |
| Florida | 200 | 170 | 3.4 | 3.1 | 345 | 300 | 5.8 | 5.5 |
| Georgia | 230 | 290 | 3.2 | 3.8 | 280 | 275 | 3.9 | 3.6 |
| Other States | 650 | 660 | 4.4 | 4.4 | 660 | 680 | 4.5 | 4.5 |
| Total | 1,460 | 1,510 | 4.0 | 4.2 | 1,600 | 1,610 | 4.4 | 4.4 |
| Midwest | | | | | | | | |
| Illinois | 510 | 560 | 3.0 | 3.5 | 730 | 780 | 4.3 | 4.9 |
| Indiana | 360 | 380 | 3.5 | 3.8 | 520 | 520 | 5.1 | 5.1 |
| Iowa | 650 | 780 | 2.5 | 3.1 | 950 | 1,060 | 3.6 | 4.2 |
| Minnesota | 620 | 650 | 3.9 | 4.1 | 880 | 840 | 5.5 | 5.3 |
| Missouri | 380 | 395 | 3.7 | 3.8 | 530 | 580 | 5.2 | 5.6 |
| Wisconsin | 370 | 395 | 3.2 | 3.9 | 790 | 700 | 6.9 | 7.0 |
| Other States | 560 | 660 | 3.4 | 3.9 | 980 | 1,100 | 5.9 | 6.5 |
| Total | 3,450 | 3,820 | 3.2 | 3.6 | 5,380 | 5,580 | 5.0 | 5.3 |
| Plains | | | | | | | | |
| Kansas | 510 | 490 | 2.7 | 2.8 | 680 | 600 | 3.6 | 3.5 |
| Nebraska | 570 | 610 | 2.5 | 2.5 | 830 | 820 | 3.7 | 3.4 |
| Texas | 890 | 880 | 3.6 | 3.5 | 1,010 | 910 | 4.1 | 3.6 |
| Other States | 980 | 1,070 | 3.8 | 4.3 | 1,400 | 1,390 | 5.4 | 5.5 |
| Total | 2,950 | 3,050 | 3.2 | 3.3 | 3,920 | 3,720 | 4.3 | 4.1 |
| West | | | | | | | | |
| California | 1,020 | 970 | 2.7 | 2.6 | 1,900 | 1,530 | 5.0 | 4.2 |
| Washington | 200 | 210 | 2.3 | 2.6 | 430 | 410 | 5.0 | 5.0 |
| Other States | 1,220 | 1,180 | 3.8 | 3.8 | 2,120 | 1,700 | 6.6 | 5.5 |
| Total | 2,440 | 2,360 | 3.1 | 3.1 | 4,450 | 3,640 | 5.6 | 4.8 |
| United States | 11,900 | 12,300 | 3.3 | 3.5 | 18,000 | 17,200 | 5.0 | 4.9 |

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Farm Production Expenditures – Region, State, and United States: 2017 and 2018 (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 | | | |
|----------------------------|------------------------------------|-------------------|--------------------|--------------------|--|-------------------|--------------------|--------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (percent of total) | (percent of total) | (million dollars) | (million dollars) | (percent of total) | (percent of total) |
| Atlantic | | | | | | | | |
| North Carolina | 280 | 350 | 2.5 | 2.9 | 290 | 300 | 2.6 | 2.5 |
| Other States | 2,360 | 1,950 | 7.4 | 5.9 | 1,210 | 1,670 | 3.8 | 5.1 |
| Total | 2,640 | 2,300 | 6.1 | 5.1 | 1,500 | 1,970 | 3.5 | 4.4 |
| South | | | | | | | | |
| Arkansas | 160 | 150 | 2.0 | 1.8 | 330 | 225 | 4.0 | 2.8 |
| Florida | 350 | 320 | 5.9 | 5.8 | 125 | 200 | 2.1 | 3.6 |
| Georgia | 280 | 210 | 3.9 | 2.7 | 285 | 295 | 4.0 | 3.8 |
| Other States | 760 | 480 | 5.1 | 3.2 | 770 | 630 | 5.2 | 4.2 |
| Total | 1,550 | 1,160 | 4.3 | 3.2 | 1,510 | 1,350 | 4.2 | 3.7 |
| Midwest | | | | | | | | |
| Illinois | 700 | 500 | 4.2 | 3.1 | 860 | 740 | 5.1 | 4.6 |
| Indiana | 490 | 500 | 4.8 | 4.9 | 440 | 340 | 4.3 | 3.4 |
| Iowa | 960 | 610 | 3.6 | 2.4 | 650 | 550 | 2.5 | 2.2 |
| Minnesota | 650 | 470 | 4.1 | 2.9 | 520 | 400 | 3.2 | 2.5 |
| Missouri | 460 | 450 | 4.5 | 4.4 | 460 | 510 | 4.5 | 4.9 |
| Wisconsin | 950 | 400 | 8.3 | 4.0 | 440 | 280 | 3.9 | 2.8 |
| Other States | 1,010 | 720 | 6.1 | 4.3 | 630 | 780 | 3.8 | 4.6 |
| Total | 5,220 | 3,650 | 4.8 | 3.5 | 4,000 | 3,600 | 3.7 | 3.4 |
| Plains | | | | | | | | |
| Kansas | 470 | 190 | 2.5 | 1.1 | 530 | 380 | 2.8 | 2.2 |
| Nebraska | 570 | 390 | 2.5 | 1.6 | 510 | 390 | 2.3 | 1.6 |
| Texas | 1,250 | 980 | 5.1 | 3.9 | 1,310 | 850 | 5.3 | 3.4 |
| Other States | 1,250 | 790 | 4.8 | 3.1 | 1,190 | 1,220 | 4.6 | 4.8 |
| Total | 3,540 | 2,350 | 3.9 | 2.6 | 3,540 | 2,840 | 3.9 | 3.1 |
| West | | | | | | | | |
| California | 1,340 | 1,260 | 3.5 | 3.4 | 540 | 340 | 1.4 | 0.9 |
| Washington | 290 | 400 | 3.3 | 4.9 | 230 | 150 | 2.7 | 1.8 |
| Other States | 1,620 | 1,580 | 5.0 | 5.1 | 1,180 | 1,050 | 3.7 | 3.4 |
| Total | 3,250 | 3,240 | 4.1 | 4.3 | 1,950 | 1,540 | 2.5 | 2.0 |
| United States | 16,200 | 12,700 | 4.5 | 3.6 | 12,500 | 11,300 | 3.5 | 3.2 |

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Farm Production Expenditures – Region, State, and United States: 2017 and 2018 (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 | | | |
|----------------------------|----------------------|-------------------|--------------------|--------------------|-------------------|-------------------|--------------------|--------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (percent of total) | (percent of total) | (million dollars) | (million dollars) | (percent of total) | (percent of total) |
| Atlantic | | | | | | | | |
| North Carolina | 60 | 80 | 0.5 | 0.7 | 460 | 410 | 4.1 | 3.4 |
| Other States | 720 | 870 | 2.2 | 2.6 | 2,000 | 1,900 | 6.2 | 5.8 |
| Total | 780 | 950 | 1.8 | 2.1 | 2,460 | 2,310 | 5.7 | 5.1 |
| South | | | | | | | | |
| Arkansas | 120 | 85 | 1.5 | 1.0 | 460 | 510 | 5.6 | 6.3 |
| Florida | 55 | 60 | 0.9 | 1.1 | 500 | 495 | 8.4 | 9.0 |
| Georgia | 75 | 105 | 1.0 | 1.4 | 330 | 345 | 4.6 | 4.5 |
| Other States | 220 | 160 | 1.5 | 1.1 | 780 | 730 | 5.3 | 4.9 |
| Total | 470 | 410 | 1.3 | 1.1 | 2,070 | 2,080 | 5.7 | 5.7 |
| Midwest | | | | | | | | |
| Illinois | 420 | 440 | 2.5 | 2.7 | 2,020 | 1,940 | 12.0 | 12.1 |
| Indiana | 210 | 175 | 2.0 | 1.7 | 990 | 940 | 9.6 | 9.3 |
| Iowa | 340 | 260 | 1.3 | 1.0 | 2,100 | 1,930 | 8.0 | 7.6 |
| Minnesota | 350 | 385 | 2.2 | 2.4 | 1,500 | 1,590 | 9.4 | 10.0 |
| Missouri | 210 | 185 | 2.1 | 1.8 | 720 | 710 | 7.1 | 6.9 |
| Wisconsin | 310 | 170 | 2.7 | 1.7 | 700 | 720 | 6.1 | 7.2 |
| Other States | 430 | 395 | 2.6 | 2.3 | 1,310 | 1,440 | 7.9 | 8.5 |
| Total | 2,270 | 2,010 | 2.1 | 1.9 | 9,340 | 9,270 | 8.7 | 8.9 |
| Plains | | | | | | | | |
| Kansas | 260 | 215 | 1.4 | 1.2 | 790 | 750 | 4.2 | 4.3 |
| Nebraska | 260 | 225 | 1.2 | 0.9 | 1,190 | 1,220 | 5.3 | 5.0 |
| Texas | 310 | 250 | 1.3 | 1.0 | 900 | 850 | 3.7 | 3.4 |
| Other States | 550 | 570 | 2.1 | 2.3 | 2,060 | 2,020 | 7.9 | 8.0 |
| Total | 1,380 | 1,260 | 1.5 | 1.4 | 4,940 | 4,840 | 5.4 | 5.3 |
| West | | | | | | | | |
| California | 185 | 130 | 0.5 | 0.4 | 2,140 | 1,490 | 5.7 | 4.1 |
| Washington | 105 | 75 | 1.2 | 0.9 | 270 | 310 | 3.1 | 3.8 |
| Other States | 510 | 365 | 1.6 | 1.2 | 1,280 | 1,600 | 4.0 | 5.1 |
| Total | 800 | 570 | 1.0 | 0.7 | 3,690 | 3,400 | 4.7 | 4.5 |
| United States | 5,700 | 5,200 | 1.6 | 1.5 | 22,500 | 21,900 | 6.3 | 6.2 |

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Farm Production Expenditures – Region, State, and United States: 2017 and 2018 (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 | | | |
|----------------------------|-------------------|-------------------|--------------------|--------------------|--------------------------------|-------------------|--------------------|--------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (million dollars) | (million dollars) | (percent of total) | (percent of total) | (million dollars) | (million dollars) | (percent of total) | (percent of total) |
| Atlantic | | | | | | | | |
| North Carolina | 90 | 70 | 0.8 | 0.6 | 15 | 10 | 0.1 | 0.1 |
| Other States | 720 | 710 | 2.2 | 2.2 | 65 | 75 | 0.2 | 0.2 |
| Total | 810 | 780 | 1.9 | 1.7 | 80 | 85 | 0.2 | 0.2 |
| South | | | | | | | | |
| Arkansas | 190 | 120 | 2.3 | 1.5 | 10 | 15 | 0.1 | 0.2 |
| Florida | 85 | 150 | 1.4 | 2.7 | 5 | 5 | 0.1 | 0.1 |
| Georgia | 95 | 95 | 1.3 | 1.2 | 10 | 15 | 0.1 | 0.2 |
| Other States | 270 | 295 | 1.8 | 2.0 | 25 | 30 | 0.2 | 0.2 |
| Total | 640 | 660 | 1.8 | 1.8 | 50 | 65 | 0.1 | 0.2 |
| Midwest | | | | | | | | |
| Illinois | 210 | 170 | 1.2 | 1.1 | 25 | 30 | 0.1 | 0.2 |
| Indiana | 110 | 80 | 1.1 | 0.8 | 10 | 10 | 0.1 | 0.1 |
| Iowa | 240 | 155 | 0.9 | 0.6 | 25 | 25 | 0.1 | 0.1 |
| Minnesota | 140 | 90 | 0.9 | 0.6 | 20 | 30 | 0.1 | 0.2 |
| Missouri | 230 | 210 | 2.3 | 2.0 | 45 | 55 | 0.4 | 0.5 |
| Wisconsin | 150 | 50 | 1.3 | 0.5 | 25 | 25 | 0.2 | 0.2 |
| Other States | 280 | 285 | 1.7 | 1.7 | 20 | 10 | 0.1 | 0.1 |
| Total | 1,360 | 1,040 | 1.3 | 1.0 | 170 | 185 | 0.2 | 0.2 |
| Plains | | | | | | | | |
| Kansas | 190 | 90 | 1.0 | 0.5 | 15 | 15 | 0.1 | 0.1 |
| Nebraska | 170 | 160 | 0.8 | 0.7 | 25 | 25 | 0.1 | 0.1 |
| Texas | 590 | 450 | 2.4 | 1.8 | 100 | 80 | 0.4 | 0.3 |
| Other States | 610 | 570 | 2.3 | 2.3 | 60 | 85 | 0.2 | 0.3 |
| Total | 1,560 | 1,270 | 1.7 | 1.4 | 200 | 205 | 0.2 | 0.2 |
| West | | | | | | | | |
| California | 280 | 190 | 0.7 | 0.5 | 10 | 20 | (Z) | 0.1 |
| Washington | 100 | 60 | 1.2 | 0.7 | 10 | 15 | 0.1 | 0.2 |
| Other States | 650 | 610 | 2.0 | 2.0 | 80 | 115 | 0.2 | 0.4 |
| Total | 1,030 | 860 | 1.3 | 1.1 | 100 | 150 | 0.1 | 0.2 |
| United States | 5,400 | 4,610 | 1.5 | 1.3 | 600 | 690 | 0.2 | 0.2 |

(Z) Less than half of the unit shown.

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Atlantic Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 31.8 | 24.1 | 9,983 | 12,428 | 4,020 | 4,980 |
| Feed | 61.6 | 60.4 | 23,094 | 23,958 | 9,300 | 9,600 |
| Farm services | 90.9 | 88.8 | 12,665 | 14,225 | 5,100 | 5,700 |
| Rent | 19.0 | 20.1 | 3,874 | 3,843 | 1,560 | 1,540 |
| Agricultural chemicals | 32.5 | 37.4 | 3,079 | 3,319 | 1,240 | 1,330 |
| Fertilizer, lime, and soil conditioners | 50.0 | 50.8 | 5,190 | 5,890 | 2,090 | 2,360 |
| Interest | 32.4 | 27.3 | 2,632 | 2,595 | 1,060 | 1,040 |
| Taxes | 100.0 | 100.0 | 4,147 | 4,442 | 1,670 | 1,780 |
| Labor | 20.3 | 20.5 | 11,622 | 10,207 | 4,680 | 4,090 |
| Fuel | 91.6 | 88.2 | 3,973 | 3,893 | 1,600 | 1,560 |
| Farm supplies and repairs | 87.5 | 85.9 | 6,581 | 6,613 | 2,650 | 2,650 |
| Farm improvements and construction | 52.4 | 45.9 | 6,556 | 5,740 | 2,640 | 2,300 |
| Tractors and self-propelled farm machinery | 13.1 | 13.5 | 3,725 | 4,916 | 1,500 | 1,970 |
| Other farm machinery | 15.8 | 17.2 | 1,937 | 2,371 | 780 | 950 |
| Seeds and plants | 34.6 | 37.1 | 6,109 | 5,765 | 2,460 | 2,310 |
| Trucks and autos | 12.0 | 12.1 | 2,011 | 1,947 | 810 | 780 |
| Miscellaneous capital expenses | 3.7 | 3.5 | 199 | 212 | 80 | 85 |
| Total farm production expenditures | 100.0 | 100.0 | 107,375 | 112,366 | 43,240 | 45,025 |

Farm Production Expenditures Total by Year – Atlantic Region: 2014-2018

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

| Expenditure | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 4,600 | 4,150 | 3,780 | 4,020 | 4,980 |
| Feed | 10,630 | 10,050 | 9,430 | 9,300 | 9,600 |
| Farm services | 5,290 | 4,820 | 5,100 | 5,100 | 5,700 |
| Rent | 1,810 | 1,730 | 1,740 | 1,560 | 1,540 |
| Agricultural chemicals | 1,320 | 1,190 | 1,160 | 1,240 | 1,330 |
| Fertilizer, lime, and soil conditioners | 2,620 | 2,290 | 2,190 | 2,090 | 2,360 |
| Interest | 1,120 | 1,080 | 950 | 1,060 | 1,040 |
| Taxes | 1,970 | 1,700 | 1,600 | 1,670 | 1,780 |
| Labor | 4,510 | 4,160 | 4,560 | 4,680 | 4,090 |
| Fuel | 2,190 | 1,650 | 1,390 | 1,600 | 1,560 |
| Farm supplies and repairs | 3,000 | 2,910 | 2,550 | 2,650 | 2,650 |
| Farm improvements and construction | 2,700 | 2,420 | 2,440 | 2,640 | 2,300 |
| Tractors and self-propelled farm machinery | 2,120 | 2,120 | 1,510 | 1,500 | 1,970 |
| Other farm machinery | 1,190 | 880 | 700 | 780 | 950 |
| Seeds and plants | 2,190 | 2,020 | 2,200 | 2,460 | 2,310 |
| Trucks and autos | 860 | 910 | 710 | 810 | 780 |
| Miscellaneous capital expenses | 70 | 110 | 100 | 80 | 85 |
| Total farm production expenditures | 48,190 | 44,190 | 42,110 | 43,240 | 45,025 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – North Carolina: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 34.0 | 25.3 | 50,647 | 59,698 | 2,350 | 2,770 |
| Feed | 63.8 | 48.1 | 73,276 | 81,034 | 3,400 | 3,760 |
| Farm services | 93.5 | 97.2 | 22,198 | 35,345 | 1,030 | 1,640 |
| Rent | 30.6 | 24.0 | 6,034 | 5,388 | 280 | 250 |
| Agricultural chemicals | 51.2 | 58.5 | 6,681 | 6,897 | 310 | 320 |
| Fertilizer, lime, and soil conditioners | 66.1 | 62.4 | 9,914 | 8,836 | 460 | 410 |
| Interest | 29.9 | 26.4 | 3,448 | 3,233 | 160 | 150 |
| Taxes | 100.0 | 100.0 | 4,957 | 5,172 | 230 | 240 |
| Labor | 30.3 | 24.8 | 23,060 | 15,733 | 1,070 | 730 |
| Fuel | 93.0 | 92.4 | 6,897 | 6,250 | 320 | 290 |
| Farm supplies and repairs | 86.4 | 86.8 | 9,267 | 7,112 | 430 | 330 |
| Farm improvements and construction | 47.8 | 45.3 | 6,034 | 7,543 | 280 | 350 |
| Tractors and self-propelled farm machinery | 16.7 | 15.9 | 6,250 | 6,466 | 290 | 300 |
| Other farm machinery | 10.8 | 18.4 | 1,293 | 1,724 | 60 | 80 |
| Seeds and plants | 42.2 | 43.0 | 9,914 | 8,836 | 460 | 410 |
| Trucks and autos | 12.1 | 11.9 | 1,940 | 1,509 | 90 | 70 |
| Miscellaneous capital expenses | 4.3 | 4.3 | 323 | 216 | 15 | 10 |
| Total farm production expenditures | 100.0 | 100.0 | 242,134 | 260,991 | 11,235 | 12,110 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Atlantic Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 31.5 | 24.0 | 4,687 | 6,238 | 1,670 | 2,210 |
| Feed | 61.3 | 62.0 | 16,559 | 16,483 | 5,900 | 5,840 |
| Farm services | 90.6 | 87.7 | 11,423 | 11,459 | 4,070 | 4,060 |
| Rent | 17.5 | 19.6 | 3,592 | 3,641 | 1,280 | 1,290 |
| Agricultural chemicals | 30.1 | 34.6 | 2,610 | 2,851 | 930 | 1,010 |
| Fertilizer, lime, and soil conditioners | 47.9 | 49.3 | 4,575 | 5,504 | 1,630 | 1,950 |
| Interest | 32.7 | 27.4 | 2,526 | 2,512 | 900 | 890 |
| Taxes | 100.0 | 100.0 | 4,042 | 4,347 | 1,440 | 1,540 |
| Labor | 19.0 | 20.0 | 10,132 | 9,483 | 3,610 | 3,360 |
| Fuel | 91.4 | 87.6 | 3,592 | 3,585 | 1,280 | 1,270 |
| Farm supplies and repairs | 87.6 | 85.8 | 6,231 | 6,548 | 2,220 | 2,320 |
| Farm improvements and construction | 53.0 | 46.0 | 6,624 | 5,504 | 2,360 | 1,950 |
| Tractors and self-propelled farm machinery | 12.7 | 13.2 | 3,396 | 4,714 | 1,210 | 1,670 |
| Other farm machinery | 16.5 | 17.1 | 2,021 | 2,456 | 720 | 870 |
| Seeds and plants | 33.7 | 36.3 | 5,613 | 5,363 | 2,000 | 1,900 |
| Trucks and autos | 12.0 | 12.1 | 2,021 | 2,004 | 720 | 710 |
| Miscellaneous capital expenses | 3.7 | 3.4 | 182 | 212 | 65 | 75 |
| Total farm production expenditures | 100.0 | 100.0 | 89,826 | 92,901 | 32,005 | 32,915 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – South Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 24.4 | 26.0 | 12,442 | 14,729 | 3,240 | 3,800 |
| Feed | 60.5 | 67.5 | 32,642 | 34,109 | 8,500 | 8,800 |
| Farm services | 91.6 | 93.6 | 16,551 | 17,054 | 4,310 | 4,400 |
| Rent | 20.1 | 19.5 | 7,258 | 7,364 | 1,890 | 1,900 |
| Agricultural chemicals | 39.1 | 50.3 | 7,220 | 6,899 | 1,880 | 1,780 |
| Fertilizer, lime, and soil conditioners | 52.1 | 55.1 | 7,873 | 8,411 | 2,050 | 2,170 |
| Interest | 22.3 | 23.6 | 3,111 | 2,791 | 810 | 720 |
| Taxes | 99.4 | 99.8 | 3,341 | 3,256 | 870 | 840 |
| Labor | 20.6 | 21.2 | 12,327 | 11,977 | 3,210 | 3,090 |
| Fuel | 87.0 | 88.6 | 5,607 | 5,853 | 1,460 | 1,510 |
| Farm supplies and repairs | 78.4 | 83.2 | 6,144 | 6,240 | 1,600 | 1,610 |
| Farm improvements and construction | 44.0 | 40.1 | 5,952 | 4,496 | 1,550 | 1,160 |
| Tractors and self-propelled farm machinery | 13.8 | 14.6 | 5,799 | 5,233 | 1,510 | 1,350 |
| Other farm machinery | 11.1 | 12.2 | 1,805 | 1,589 | 470 | 410 |
| Seeds and plants | 32.1 | 31.7 | 7,949 | 8,062 | 2,070 | 2,080 |
| Trucks and autos | 12.6 | 10.6 | 2,458 | 2,558 | 640 | 660 |
| Miscellaneous capital expenses | 3.7 | 3.9 | 192 | 252 | 50 | 65 |
| Total farm production expenditures | 100.0 | 100.0 | 138,671 | 140,872 | 36,110 | 36,345 |

Farm Production Expenditures Total by Year – South Region: 2014-2018

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

| Expenditure | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 3,750 | 3,180 | 3,190 | 3,240 | 3,800 |
| Feed | 9,990 | 8,750 | 8,620 | 8,500 | 8,800 |
| Farm services | 4,430 | 4,180 | 4,200 | 4,310 | 4,400 |
| Rent | 2,080 | 2,070 | 1,800 | 1,890 | 1,900 |
| Agricultural chemicals | 2,210 | 1,840 | 1,960 | 1,880 | 1,780 |
| Fertilizer, lime, and soil conditioners | 2,600 | 2,420 | 2,240 | 2,050 | 2,170 |
| Interest | 760 | 790 | 690 | 810 | 720 |
| Taxes | 900 | 900 | 880 | 870 | 840 |
| Labor | 3,460 | 3,550 | 3,400 | 3,210 | 3,090 |
| Fuel | 1,970 | 1,560 | 1,480 | 1,460 | 1,510 |
| Farm supplies and repairs | 1,840 | 1,820 | 1,630 | 1,600 | 1,610 |
| Farm improvements and construction | 1,290 | 1,330 | 1,260 | 1,550 | 1,160 |
| Tractors and self-propelled farm machinery | 1,800 | 1,380 | 1,130 | 1,510 | 1,350 |
| Other farm machinery | 510 | 510 | 350 | 470 | 410 |
| Seeds and plants | 2,160 | 2,190 | 2,080 | 2,070 | 2,080 |
| Trucks and autos | 730 | 570 | 550 | 640 | 660 |
| Miscellaneous capital expenses | 20 | 40 | 60 | 50 | 65 |
| Total farm production expenditures | 40,500 | 37,080 | 35,520 | 36,110 | 36,345 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Arkansas: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 26.6 | 26.3 | 18,779 | 21,412 | 800 | 910 |
| Feed | 69.4 | 68.2 | 50,704 | 50,118 | 2,160 | 2,130 |
| Farm services | 94.4 | 92.0 | 22,770 | 22,118 | 970 | 940 |
| Rent | 23.3 | 22.8 | 17,136 | 17,176 | 730 | 730 |
| Agricultural chemicals | 32.4 | 48.7 | 10,563 | 10,824 | 450 | 460 |
| Fertilizer, lime, and soil conditioners | 39.7 | 53.5 | 10,211 | 11,412 | 435 | 485 |
| Interest | 30.3 | 35.5 | 4,695 | 4,235 | 200 | 180 |
| Taxes | 99.0 | 100.0 | 3,991 | 3,647 | 170 | 155 |
| Labor | 18.2 | 19.2 | 7,277 | 7,529 | 310 | 320 |
| Fuel | 89.8 | 83.9 | 8,920 | 9,176 | 380 | 390 |
| Farm supplies and repairs | 78.0 | 74.8 | 7,394 | 8,353 | 315 | 355 |
| Farm improvements and construction | 40.1 | 34.2 | 3,756 | 3,529 | 160 | 150 |
| Tractors and self-propelled farm machinery | 17.6 | 14.4 | 7,746 | 5,294 | 330 | 225 |
| Other farm machinery | 12.9 | 13.0 | 2,817 | 2,000 | 120 | 85 |
| Seeds and plants | 19.3 | 21.4 | 10,798 | 12,000 | 460 | 510 |
| Trucks and autos | 22.4 | 10.4 | 4,460 | 2,824 | 190 | 120 |
| Miscellaneous capital expenses | 3.8 | 5.0 | 235 | 353 | 10 | 15 |
| Total farm production expenditures | 100.0 | 100.0 | 192,254 | 192,000 | 8,190 | 8,160 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Florida: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 16.5 | 25.4 | 1,471 | 1,684 | 70 | 80 |
| Feed | 63.3 | 65.2 | 10,924 | 10,737 | 520 | 510 |
| Farm services | 91.1 | 88.8 | 16,807 | 13,474 | 800 | 640 |
| Rent | 14.0 | 15.6 | 2,731 | 2,316 | 130 | 110 |
| Agricultural chemicals | 33.1 | 46.3 | 9,034 | 6,316 | 430 | 300 |
| Fertilizer, lime, and soil conditioners | 41.9 | 51.4 | 9,559 | 6,526 | 455 | 310 |
| Interest | 20.2 | 17.3 | 3,361 | 2,105 | 160 | 100 |
| Taxes | 100.0 | 100.0 | 3,571 | 4,211 | 170 | 200 |
| Labor | 23.4 | 25.4 | 32,563 | 32,421 | 1,550 | 1,540 |
| Fuel | 80.8 | 83.7 | 4,202 | 3,579 | 200 | 170 |
| Farm supplies and repairs | 73.8 | 77.4 | 7,248 | 6,316 | 345 | 300 |
| Farm improvements and construction | 50.8 | 46.6 | 7,353 | 6,737 | 350 | 320 |
| Tractors and self-propelled farm machinery | 11.5 | 13.9 | 2,626 | 4,211 | 125 | 200 |
| Other farm machinery | 7.4 | 10.4 | 1,155 | 1,263 | 55 | 60 |
| Seeds and plants | 20.5 | 32.4 | 10,504 | 10,421 | 500 | 495 |
| Trucks and autos | 10.5 | 9.3 | 1,786 | 3,158 | 85 | 150 |
| Miscellaneous capital expenses | 2.6 | 1.3 | 105 | 105 | 5 | 5 |
| Total farm production expenditures | 100.0 | 100.0 | 125,000 | 115,579 | 5,950 | 5,490 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Georgia: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 22.2 | 25.0 | 23,113 | 25,721 | 980 | 1,070 |
| Feed | 53.2 | 58.1 | 49,528 | 54,327 | 2,100 | 2,260 |
| Farm services | 89.7 | 88.8 | 16,981 | 21,154 | 720 | 880 |
| Rent | 21.4 | 18.7 | 5,189 | 5,288 | 220 | 220 |
| Agricultural chemicals | 43.9 | 52.1 | 7,311 | 7,692 | 310 | 320 |
| Fertilizer, lime, and soil conditioners | 61.2 | 62.8 | 8,491 | 10,938 | 360 | 455 |
| Interest | 23.9 | 23.9 | 3,538 | 2,644 | 150 | 110 |
| Taxes | 100.0 | 100.0 | 4,009 | 4,808 | 170 | 200 |
| Labor | 25.0 | 24.7 | 14,387 | 12,740 | 610 | 530 |
| Fuel | 88.7 | 85.0 | 5,425 | 6,971 | 230 | 290 |
| Farm supplies and repairs | 82.4 | 81.2 | 6,604 | 6,611 | 280 | 275 |
| Farm improvements and construction | 43.8 | 35.1 | 6,604 | 5,048 | 280 | 210 |
| Tractors and self-propelled farm machinery | 13.5 | 14.4 | 6,722 | 7,091 | 285 | 295 |
| Other farm machinery | 12.3 | 14.6 | 1,769 | 2,524 | 75 | 105 |
| Seeds and plants | 34.5 | 32.1 | 7,783 | 8,293 | 330 | 345 |
| Trucks and autos | 10.6 | 10.6 | 2,241 | 2,284 | 95 | 95 |
| Miscellaneous capital expenses | 4.3 | 3.7 | 236 | 361 | 10 | 15 |
| Total farm production expenditures | 100.0 | 100.0 | 169,929 | 184,495 | 7,205 | 7,675 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, South Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 27.4 | 26.4 | 10,876 | 13,766 | 1,390 | 1,740 |
| Feed | 58.9 | 71.3 | 29,108 | 30,854 | 3,720 | 3,900 |
| Farm services | 91.5 | 97.4 | 14,241 | 15,348 | 1,820 | 1,940 |
| Rent | 20.8 | 20.1 | 6,338 | 6,646 | 810 | 840 |
| Agricultural chemicals | 41.9 | 51.7 | 5,399 | 5,538 | 690 | 700 |
| Fertilizer, lime, and soil conditioners | 57.1 | 54.5 | 6,260 | 7,278 | 800 | 920 |
| Interest | 19.9 | 21.9 | 2,347 | 2,611 | 300 | 330 |
| Taxes | 99.2 | 99.7 | 2,817 | 2,255 | 360 | 285 |
| Labor | 18.8 | 19.2 | 5,790 | 5,538 | 740 | 700 |
| Fuel | 87.8 | 93.2 | 5,086 | 5,222 | 650 | 660 |
| Farm supplies and repairs | 78.9 | 88.8 | 5,164 | 5,380 | 660 | 680 |
| Farm improvements and construction | 42.7 | 41.3 | 5,947 | 3,797 | 760 | 480 |
| Tractors and self-propelled farm machinery | 13.5 | 15.0 | 6,025 | 4,984 | 770 | 630 |
| Other farm machinery | 11.4 | 11.9 | 1,721 | 1,266 | 220 | 160 |
| Seeds and plants | 39.9 | 34.7 | 6,103 | 5,775 | 780 | 730 |
| Trucks and autos | 10.8 | 11.1 | 2,113 | 2,334 | 270 | 295 |
| Miscellaneous capital expenses | 3.8 | 4.6 | 196 | 237 | 25 | 30 |
| Total farm production expenditures | 100.0 | 100.0 | 115,532 | 118,829 | 14,765 | 15,020 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Midwest Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 24.6 | 21.8 | 16,798 | 16,061 | 9,570 | 9,110 |
| Feed | 47.5 | 42.5 | 26,330 | 23,801 | 15,000 | 13,500 |
| Farm services | 92.9 | 94.4 | 20,590 | 19,922 | 11,730 | 11,300 |
| Rent | 32.6 | 33.2 | 23,925 | 24,118 | 13,630 | 13,680 |
| Agricultural chemicals | 47.1 | 52.5 | 9,268 | 9,291 | 5,280 | 5,270 |
| Fertilizer, lime, and soil conditioners | 53.0 | 57.7 | 14,955 | 15,832 | 8,520 | 8,980 |
| Interest | 40.6 | 42.8 | 6,231 | 6,700 | 3,550 | 3,800 |
| Taxes | 100.0 | 100.0 | 6,775 | 7,581 | 3,860 | 4,300 |
| Labor | 20.6 | 20.6 | 9,549 | 9,944 | 5,440 | 5,640 |
| Fuel | 84.3 | 83.5 | 6,056 | 6,735 | 3,450 | 3,820 |
| Farm supplies and repairs | 82.3 | 81.9 | 9,444 | 9,838 | 5,380 | 5,580 |
| Farm improvements and construction | 53.9 | 48.6 | 9,163 | 6,435 | 5,220 | 3,650 |
| Tractors and self-propelled farm machinery | 14.1 | 13.0 | 7,021 | 6,347 | 4,000 | 3,600 |
| Other farm machinery | 19.5 | 19.6 | 3,985 | 3,544 | 2,270 | 2,010 |
| Seeds and plants | 51.1 | 52.0 | 16,395 | 16,343 | 9,340 | 9,270 |
| Trucks and autos | 13.2 | 11.5 | 2,387 | 1,834 | 1,360 | 1,040 |
| Miscellaneous capital expenses | 4.7 | 4.8 | 298 | 326 | 170 | 185 |
| Total farm production expenditures | 100.0 | 100.0 | 189,170 | 184,653 | 107,770 | 104,735 |

Farm Production Expenditures Total by Year – Midwest Region: 2014-2018

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

| Expenditure | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 10,600 | 10,850 | 9,230 | 9,570 | 9,110 |
| Feed | 17,560 | 16,950 | 16,700 | 15,000 | 13,500 |
| Farm services | 11,830 | 11,470 | 11,900 | 11,730 | 11,300 |
| Rent | 15,710 | 14,380 | 13,750 | 13,630 | 13,680 |
| Agricultural chemicals | 5,080 | 4,840 | 5,090 | 5,280 | 5,270 |
| Fertilizer, lime, and soil conditioners | 10,860 | 10,310 | 9,090 | 8,520 | 8,980 |
| Interest | 3,450 | 3,410 | 3,420 | 3,550 | 3,800 |
| Taxes | 4,760 | 4,270 | 3,790 | 3,860 | 4,300 |
| Labor | 5,590 | 5,320 | 5,890 | 5,440 | 5,640 |
| Fuel | 5,100 | 3,660 | 3,220 | 3,450 | 3,820 |
| Farm supplies and repairs | 5,780 | 5,540 | 5,560 | 5,380 | 5,580 |
| Farm improvements and construction | 6,560 | 5,390 | 4,740 | 5,220 | 3,650 |
| Tractors and self-propelled farm machinery | 5,790 | 3,540 | 3,550 | 4,000 | 3,600 |
| Other farm machinery | 3,800 | 2,250 | 2,080 | 2,270 | 2,010 |
| Seeds and plants | 9,830 | 9,550 | 9,470 | 9,340 | 9,270 |
| Trucks and autos | 1,530 | 1,150 | 1,170 | 1,360 | 1,040 |
| Miscellaneous capital expenses | 200 | 200 | 240 | 170 | 185 |
| Total farm production expenditures | 124,030 | 113,080 | 108,890 | 107,770 | 104,735 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Illinois: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 16.0 | 13.6 | 12,105 | 7,361 | 880 | 530 |
| Feed | 31.1 | 28.0 | 13,755 | 11,389 | 1,000 | 820 |
| Farm services | 89.1 | 90.0 | 20,633 | 21,111 | 1,500 | 1,520 |
| Rent | 41.6 | 35.1 | 49,381 | 45,556 | 3,590 | 3,280 |
| Agricultural chemicals | 58.8 | 62.6 | 15,543 | 16,806 | 1,130 | 1,210 |
| Fertilizer, lime, and soil conditioners | 61.6 | 66.5 | 23,659 | 25,694 | 1,720 | 1,850 |
| Interest | 39.2 | 38.5 | 6,327 | 7,361 | 460 | 530 |
| Taxes | 100.0 | 100.0 | 7,015 | 8,333 | 510 | 600 |
| Labor | 17.4 | 21.3 | 7,840 | 7,639 | 570 | 550 |
| Fuel | 78.7 | 78.6 | 7,015 | 7,778 | 510 | 560 |
| Farm supplies and repairs | 78.3 | 76.6 | 10,041 | 10,833 | 730 | 780 |
| Farm improvements and construction | 46.1 | 45.1 | 9,629 | 6,944 | 700 | 500 |
| Tractors and self-propelled farm machinery | 16.8 | 15.8 | 11,829 | 10,278 | 860 | 740 |
| Other farm machinery | 21.0 | 18.9 | 5,777 | 6,111 | 420 | 440 |
| Seeds and plants | 61.5 | 63.0 | 27,785 | 26,944 | 2,020 | 1,940 |
| Trucks and autos | 15.5 | 11.0 | 2,889 | 2,361 | 210 | 170 |
| Miscellaneous capital expenses | 4.9 | 4.4 | 344 | 417 | 25 | 30 |
| Total farm production expenditures | 100.0 | 100.0 | 231,568 | 222,917 | 16,835 | 16,050 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Indiana: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 28.5 | 19.7 | 10,424 | 9,804 | 590 | 550 |
| Feed | 53.1 | 43.4 | 20,318 | 20,143 | 1,150 | 1,130 |
| Farm services | 94.6 | 91.2 | 18,905 | 17,647 | 1,070 | 990 |
| Rent | 32.8 | 36.5 | 26,855 | 26,560 | 1,520 | 1,490 |
| Agricultural chemicals | 46.7 | 56.9 | 9,894 | 9,982 | 560 | 560 |
| Fertilizer, lime, and soil conditioners | 54.2 | 60.3 | 16,961 | 19,251 | 960 | 1,080 |
| Interest | 44.0 | 39.0 | 6,537 | 6,239 | 370 | 350 |
| Taxes | 100.0 | 100.0 | 7,686 | 9,091 | 435 | 510 |
| Labor | 21.7 | 21.8 | 8,834 | 9,269 | 500 | 520 |
| Fuel | 80.3 | 72.9 | 6,360 | 6,774 | 360 | 380 |
| Farm supplies and repairs | 84.4 | 75.0 | 9,187 | 9,269 | 520 | 520 |
| Farm improvements and construction | 52.8 | 51.7 | 8,657 | 8,913 | 490 | 500 |
| Tractors and self-propelled farm machinery | 14.4 | 12.2 | 7,774 | 6,061 | 440 | 340 |
| Other farm machinery | 18.0 | 20.7 | 3,710 | 3,119 | 210 | 175 |
| Seeds and plants | 49.9 | 56.4 | 17,491 | 16,756 | 990 | 940 |
| Trucks and autos | 10.8 | 8.8 | 1,943 | 1,426 | 110 | 80 |
| Miscellaneous capital expenses | 3.7 | 1.9 | 177 | 178 | 10 | 10 |
| Total farm production expenditures | 100.0 | 100.0 | 181,714 | 180,481 | 10,285 | 10,125 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Iowa: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 26.0 | 24.1 | 49,245 | 47,093 | 4,240 | 4,050 |
| Feed | 40.9 | 34.6 | 51,103 | 49,651 | 4,400 | 4,270 |
| Farm services | 97.0 | 98.5 | 30,314 | 29,070 | 2,610 | 2,500 |
| Rent | 42.5 | 41.6 | 43,206 | 42,907 | 3,720 | 3,690 |
| Agricultural chemicals | 59.2 | 58.0 | 13,240 | 12,674 | 1,140 | 1,090 |
| Fertilizer, lime, and soil conditioners | 60.2 | 58.0 | 21,022 | 20,814 | 1,810 | 1,790 |
| Interest | 48.3 | 47.2 | 9,640 | 10,349 | 830 | 890 |
| Taxes | 100.0 | 100.0 | 9,524 | 10,465 | 820 | 900 |
| Labor | 28.3 | 21.9 | 10,569 | 8,953 | 910 | 770 |
| Fuel | 81.0 | 81.0 | 7,549 | 9,070 | 650 | 780 |
| Farm supplies and repairs | 77.5 | 77.2 | 11,034 | 12,326 | 950 | 1,060 |
| Farm improvements and construction | 57.3 | 46.6 | 11,150 | 7,093 | 960 | 610 |
| Tractors and self-propelled farm machinery | 15.4 | 9.8 | 7,549 | 6,395 | 650 | 550 |
| Other farm machinery | 18.6 | 14.4 | 3,949 | 3,023 | 340 | 260 |
| Seeds and plants | 62.0 | 60.1 | 24,390 | 22,442 | 2,100 | 1,930 |
| Trucks and autos | 15.9 | 11.4 | 2,787 | 1,802 | 240 | 155 |
| Miscellaneous capital expenses | 5.4 | 3.9 | 290 | 291 | 25 | 25 |
| Total farm production expenditures | 100.0 | 100.0 | 306,562 | 294,419 | 26,395 | 25,320 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Minnesota: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 22.5 | 24.7 | 18,895 | 20,000 | 1,300 | 1,370 |
| Feed | 39.7 | 45.4 | 32,703 | 29,635 | 2,250 | 2,030 |
| Farm services | 95.8 | 96.2 | 27,907 | 26,861 | 1,920 | 1,840 |
| Rent | 41.9 | 39.3 | 26,744 | 30,365 | 1,840 | 2,080 |
| Agricultural chemicals | 53.9 | 55.3 | 11,337 | 10,657 | 780 | 730 |
| Fertilizer, lime, and soil conditioners | 53.2 | 56.4 | 19,041 | 20,730 | 1,310 | 1,420 |
| Interest | 48.3 | 51.0 | 8,721 | 9,343 | 600 | 640 |
| Taxes | 100.0 | 100.0 | 9,012 | 10,511 | 620 | 720 |
| Labor | 23.3 | 20.3 | 10,610 | 9,781 | 730 | 670 |
| Fuel | 85.6 | 85.4 | 9,012 | 9,489 | 620 | 650 |
| Farm supplies and repairs | 80.7 | 85.8 | 12,791 | 12,263 | 880 | 840 |
| Farm improvements and construction | 52.9 | 49.8 | 9,448 | 6,861 | 650 | 470 |
| Tractors and self-propelled farm machinery | 13.9 | 12.4 | 7,558 | 5,839 | 520 | 400 |
| Other farm machinery | 21.7 | 21.8 | 5,087 | 5,620 | 350 | 385 |
| Seeds and plants | 55.3 | 56.8 | 21,802 | 23,212 | 1,500 | 1,590 |
| Trucks and autos | 14.3 | 10.8 | 2,035 | 1,314 | 140 | 90 |
| Miscellaneous capital expenses | 5.0 | 6.5 | 291 | 438 | 20 | 30 |
| Total farm production expenditures | 100.0 | 100.0 | 232,994 | 232,920 | 16,030 | 15,955 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Missouri: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 29.0 | 27.1 | 9,759 | 10,842 | 930 | 1,030 |
| Feed | 66.9 | 57.2 | 18,573 | 14,842 | 1,770 | 1,410 |
| Farm services | 89.3 | 96.1 | 10,913 | 11,368 | 1,040 | 1,080 |
| Rent | 22.9 | 26.0 | 10,388 | 12,421 | 990 | 1,180 |
| Agricultural chemicals | 37.0 | 43.0 | 6,086 | 6,105 | 580 | 580 |
| Fertilizer, lime, and soil conditioners | 50.6 | 55.4 | 8,919 | 9,579 | 850 | 910 |
| Interest | 34.5 | 38.7 | 3,358 | 3,895 | 320 | 370 |
| Taxes | 100.0 | 100.0 | 2,781 | 3,263 | 265 | 310 |
| Labor | 18.7 | 18.6 | 4,092 | 3,684 | 390 | 350 |
| Fuel | 85.8 | 85.9 | 3,987 | 4,158 | 380 | 395 |
| Farm supplies and repairs | 81.1 | 81.5 | 5,561 | 6,105 | 530 | 580 |
| Farm improvements and construction | 52.1 | 44.0 | 4,827 | 4,737 | 460 | 450 |
| Tractors and self-propelled farm machinery | 12.2 | 13.0 | 4,827 | 5,368 | 460 | 510 |
| Other farm machinery | 15.5 | 13.3 | 2,204 | 1,947 | 210 | 185 |
| Seeds and plants | 32.0 | 35.0 | 7,555 | 7,474 | 720 | 710 |
| Trucks and autos | 14.9 | 10.9 | 2,413 | 2,211 | 230 | 210 |
| Miscellaneous capital expenses | 5.6 | 6.3 | 472 | 579 | 45 | 55 |
| Total farm production expenditures | 100.0 | 100.0 | 106,716 | 108,579 | 10,170 | 10,315 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Wisconsin: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 30.9 | 32.2 | 9,722 | 9,414 | 630 | 610 |
| Feed | 55.9 | 57.2 | 29,784 | 27,623 | 1,930 | 1,790 |
| Farm services | 95.7 | 91.6 | 24,537 | 21,605 | 1,590 | 1,400 |
| Rent | 33.9 | 31.7 | 8,951 | 8,642 | 580 | 560 |
| Agricultural chemicals | 49.8 | 47.5 | 5,556 | 4,938 | 360 | 320 |
| Fertilizer, lime, and soil conditioners | 53.7 | 53.7 | 11,111 | 10,185 | 720 | 660 |
| Interest | 44.3 | 40.2 | 6,944 | 7,099 | 450 | 460 |
| Taxes | 100.0 | 100.0 | 5,864 | 6,173 | 380 | 400 |
| Labor | 23.7 | 23.4 | 16,204 | 17,130 | 1,050 | 1,110 |
| Fuel | 85.0 | 80.1 | 5,710 | 6,096 | 370 | 395 |
| Farm supplies and repairs | 86.0 | 79.8 | 12,191 | 10,802 | 790 | 700 |
| Farm improvements and construction | 58.1 | 52.1 | 14,660 | 6,173 | 950 | 400 |
| Tractors and self-propelled farm machinery | 18.3 | 12.2 | 6,790 | 4,321 | 440 | 280 |
| Other farm machinery | 23.5 | 25.7 | 4,784 | 2,623 | 310 | 170 |
| Seeds and plants | 55.4 | 56.2 | 10,802 | 11,111 | 700 | 720 |
| Trucks and autos | 14.7 | 8.9 | 2,315 | 772 | 150 | 50 |
| Miscellaneous capital expenses | 6.3 | 7.3 | 386 | 386 | 25 | 25 |
| Total farm production expenditures | 100.0 | 100.0 | 176,312 | 155,093 | 11,425 | 10,050 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Midwest Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 21.2 | 14.6 | 7,974 | 7,772 | 1,000 | 970 |
| Feed | 44.0 | 35.6 | 19,936 | 16,426 | 2,500 | 2,050 |
| Farm services | 91.3 | 94.6 | 15,949 | 15,785 | 2,000 | 1,970 |
| Rent | 22.2 | 27.7 | 11,085 | 11,218 | 1,390 | 1,400 |
| Agricultural chemicals | 34.9 | 49.4 | 5,821 | 6,250 | 730 | 780 |
| Fertilizer, lime, and soil conditioners | 44.1 | 55.9 | 9,171 | 10,176 | 1,150 | 1,270 |
| Interest | 33.2 | 43.7 | 4,147 | 4,487 | 520 | 560 |
| Taxes | 100.0 | 100.0 | 6,619 | 6,891 | 830 | 860 |
| Labor | 15.2 | 18.9 | 10,287 | 13,381 | 1,290 | 1,670 |
| Fuel | 89.2 | 91.4 | 4,466 | 5,288 | 560 | 660 |
| Farm supplies and repairs | 86.7 | 90.7 | 7,815 | 8,814 | 980 | 1,100 |
| Farm improvements and construction | 56.5 | 51.6 | 8,054 | 5,769 | 1,010 | 720 |
| Tractors and self-propelled farm machinery | 10.8 | 14.5 | 5,024 | 6,250 | 630 | 780 |
| Other farm machinery | 19.8 | 23.5 | 3,429 | 3,165 | 430 | 395 |
| Seeds and plants | 48.2 | 46.0 | 10,447 | 11,538 | 1,310 | 1,440 |
| Trucks and autos | 8.5 | 15.3 | 2,233 | 2,284 | 280 | 285 |
| Miscellaneous capital expenses | 3.0 | 3.6 | 159 | 80 | 20 | 10 |
| Total farm production expenditures | 100.0 | 100.0 | 132,616 | 135,577 | 16,630 | 16,920 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Plains Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 29.4 | 23.6 | 43,211 | 49,299 | 21,100 | 23,900 |
| Feed | 64.3 | 65.0 | 24,780 | 24,752 | 12,100 | 12,000 |
| Farm services | 89.1 | 91.7 | 18,943 | 19,183 | 9,250 | 9,300 |
| Rent | 29.1 | 31.0 | 16,138 | 15,408 | 7,880 | 7,470 |
| Agricultural chemicals | 37.7 | 45.0 | 7,659 | 7,508 | 3,740 | 3,640 |
| Fertilizer, lime, and soil conditioners | 39.8 | 46.6 | 10,772 | 11,696 | 5,260 | 5,670 |
| Interest | 29.6 | 29.7 | 4,731 | 4,992 | 2,310 | 2,420 |
| Taxes | 100.0 | 99.8 | 8,417 | 7,550 | 4,110 | 3,660 |
| Labor | 25.7 | 25.5 | 8,437 | 8,560 | 4,120 | 4,150 |
| Fuel | 80.9 | 82.2 | 6,041 | 6,291 | 2,950 | 3,050 |
| Farm supplies and repairs | 77.5 | 76.8 | 8,028 | 7,673 | 3,920 | 3,720 |
| Farm improvements and construction | 46.3 | 36.8 | 7,250 | 4,847 | 3,540 | 2,350 |
| Tractors and self-propelled farm machinery | 12.6 | 12.5 | 7,250 | 5,858 | 3,540 | 2,840 |
| Other farm machinery | 11.9 | 11.1 | 2,826 | 2,599 | 1,380 | 1,260 |
| Seeds and plants | 31.7 | 31.1 | 10,117 | 9,983 | 4,940 | 4,840 |
| Trucks and autos | 14.9 | 11.5 | 3,195 | 2,620 | 1,560 | 1,270 |
| Miscellaneous capital expenses | 5.9 | 5.3 | 410 | 423 | 200 | 205 |
| Total farm production expenditures | 100.0 | 100.0 | 188,204 | 189,243 | 91,900 | 91,745 |

Farm Production Expenditures Total by Year – Plains Region: 2014-2018

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

| Expenditure | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 21,680 | 23,260 | 20,850 | 21,100 | 23,900 |
| Feed | 12,950 | 12,150 | 11,400 | 12,100 | 12,000 |
| Farm services | 9,230 | 9,130 | 9,250 | 9,250 | 9,300 |
| Rent | 8,260 | 8,080 | 8,210 | 7,880 | 7,470 |
| Agricultural chemicals | 3,540 | 3,650 | 3,670 | 3,740 | 3,640 |
| Fertilizer, lime, and soil conditioners | 6,940 | 6,000 | 5,730 | 5,260 | 5,670 |
| Interest | 2,290 | 2,260 | 2,270 | 2,310 | 2,420 |
| Taxes | 3,530 | 3,650 | 3,480 | 4,110 | 3,660 |
| Labor | 4,470 | 4,070 | 4,000 | 4,120 | 4,150 |
| Fuel | 4,100 | 2,950 | 2,770 | 2,950 | 3,050 |
| Farm supplies and repairs | 4,260 | 4,110 | 3,770 | 3,920 | 3,720 |
| Farm improvements and construction | 3,630 | 3,150 | 2,910 | 3,540 | 2,350 |
| Tractors and self-propelled farm machinery | 5,180 | 3,040 | 3,050 | 3,540 | 2,840 |
| Other farm machinery | 2,500 | 1,600 | 1,160 | 1,380 | 1,260 |
| Seeds and plants | 5,000 | 4,790 | 5,010 | 4,940 | 4,840 |
| Trucks and autos | 1,940 | 1,490 | 1,260 | 1,560 | 1,270 |
| Miscellaneous capital expenses | 120 | 150 | 220 | 200 | 205 |
| Total farm production expenditures | 99,620 | 93,530 | 89,010 | 91,900 | 91,745 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Kansas: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 23.6 | 19.0 | 112,457 | 108,319 | 6,590 | 6,380 |
| Feed | 45.9 | 43.0 | 44,369 | 39,049 | 2,600 | 2,300 |
| Farm services | 88.2 | 89.9 | 22,867 | 23,090 | 1,340 | 1,360 |
| Rent | 42.8 | 43.8 | 23,208 | 22,411 | 1,360 | 1,320 |
| Agricultural chemicals | 54.7 | 53.5 | 12,628 | 13,073 | 740 | 770 |
| Fertilizer, lime, and soil conditioners | 56.5 | 55.9 | 16,212 | 16,469 | 950 | 970 |
| Interest | 39.4 | 36.6 | 6,485 | 6,621 | 380 | 390 |
| Taxes | 100.0 | 100.0 | 10,580 | 8,149 | 620 | 480 |
| Labor | 20.2 | 21.7 | 10,410 | 9,508 | 610 | 560 |
| Fuel | 75.4 | 74.6 | 8,703 | 8,319 | 510 | 490 |
| Farm supplies and repairs | 73.4 | 75.9 | 11,604 | 10,187 | 680 | 600 |
| Farm improvements and construction | 46.1 | 31.0 | 8,020 | 3,226 | 470 | 190 |
| Tractors and self-propelled farm machinery | 13.0 | 11.7 | 9,044 | 6,452 | 530 | 380 |
| Other farm machinery | 17.8 | 13.5 | 4,437 | 3,650 | 260 | 215 |
| Seeds and plants | 48.1 | 45.5 | 13,481 | 12,733 | 790 | 750 |
| Trucks and autos | 14.3 | 9.1 | 3,242 | 1,528 | 190 | 90 |
| Miscellaneous capital expenses | 3.7 | 3.0 | 256 | 255 | 15 | 15 |
| Total farm production expenditures | 100.0 | 100.0 | 318,003 | 293,039 | 18,635 | 17,260 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Nebraska: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 28.4 | 27.5 | 136,717 | 176,253 | 6,330 | 8,090 |
| Feed | 43.3 | 46.9 | 64,795 | 67,538 | 3,000 | 3,100 |
| Farm services | 94.5 | 94.4 | 42,981 | 43,791 | 1,990 | 2,010 |
| Rent | 51.1 | 51.7 | 51,836 | 53,159 | 2,400 | 2,440 |
| Agricultural chemicals | 61.2 | 60.4 | 17,927 | 18,954 | 830 | 870 |
| Fertilizer, lime, and soil conditioners | 60.3 | 61.5 | 27,430 | 29,630 | 1,270 | 1,360 |
| Interest | 54.2 | 54.2 | 12,527 | 11,983 | 580 | 550 |
| Taxes | 100.0 | 99.6 | 28,078 | 26,144 | 1,300 | 1,200 |
| Labor | 30.6 | 31.5 | 16,631 | 16,993 | 770 | 780 |
| Fuel | 84.2 | 83.3 | 12,311 | 13,290 | 570 | 610 |
| Farm supplies and repairs | 83.6 | 85.2 | 17,927 | 17,865 | 830 | 820 |
| Farm improvements and construction | 48.9 | 46.3 | 12,311 | 8,497 | 570 | 390 |
| Tractors and self-propelled farm machinery | 15.0 | 13.3 | 11,015 | 8,497 | 510 | 390 |
| Other farm machinery | 19.5 | 20.2 | 5,616 | 4,902 | 260 | 225 |
| Seeds and plants | 59.5 | 61.8 | 25,702 | 26,580 | 1,190 | 1,220 |
| Trucks and autos | 18.1 | 14.9 | 3,672 | 3,486 | 170 | 160 |
| Miscellaneous capital expenses | 8.6 | 7.3 | 540 | 545 | 25 | 25 |
| Total farm production expenditures | 100.0 | 100.0 | 488,013 | 528,105 | 22,595 | 24,240 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Texas: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 27.0 | 18.3 | 18,511 | 23,927 | 4,600 | 5,910 |
| Feed | 71.8 | 72.5 | 17,706 | 19,231 | 4,400 | 4,750 |
| Farm services | 86.0 | 90.3 | 12,153 | 12,551 | 3,020 | 3,100 |
| Rent | 18.7 | 18.2 | 4,507 | 3,239 | 1,120 | 800 |
| Agricultural chemicals | 25.5 | 35.7 | 2,817 | 2,470 | 700 | 610 |
| Fertilizer, lime, and soil conditioners | 31.6 | 39.9 | 4,024 | 4,291 | 1,000 | 1,060 |
| Interest | 15.7 | 15.4 | 1,610 | 2,146 | 400 | 530 |
| Taxes | 100.0 | 99.9 | 4,225 | 4,130 | 1,050 | 1,020 |
| Labor | 25.7 | 23.5 | 7,646 | 8,300 | 1,900 | 2,050 |
| Fuel | 79.2 | 81.4 | 3,581 | 3,563 | 890 | 880 |
| Farm supplies and repairs | 73.1 | 73.7 | 4,064 | 3,684 | 1,010 | 910 |
| Farm improvements and construction | 40.5 | 32.5 | 5,030 | 3,968 | 1,250 | 980 |
| Tractors and self-propelled farm machinery | 11.7 | 9.8 | 5,272 | 3,441 | 1,310 | 850 |
| Other farm machinery | 7.5 | 6.5 | 1,247 | 1,012 | 310 | 250 |
| Seeds and plants | 20.0 | 17.1 | 3,622 | 3,441 | 900 | 850 |
| Trucks and autos | 11.1 | 7.8 | 2,374 | 1,822 | 590 | 450 |
| Miscellaneous capital expenses | 4.4 | 4.4 | 402 | 324 | 100 | 80 |
| Total farm production expenditures | 100.0 | 100.0 | 98,793 | 101,538 | 24,550 | 25,080 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Plains Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 36.6 | 34.2 | 26,538 | 26,466 | 3,580 | 3,520 |
| Feed | 65.7 | 67.2 | 15,567 | 13,910 | 2,100 | 1,850 |
| Farm services | 93.2 | 94.3 | 21,497 | 21,278 | 2,900 | 2,830 |
| Rent | 34.8 | 41.7 | 22,239 | 21,880 | 3,000 | 2,910 |
| Agricultural chemicals | 44.6 | 53.2 | 10,897 | 10,451 | 1,470 | 1,390 |
| Fertilizer, lime, and soil conditioners | 40.6 | 49.8 | 15,122 | 17,143 | 2,040 | 2,280 |
| Interest | 42.6 | 44.8 | 7,042 | 7,143 | 950 | 950 |
| Taxes | 100.0 | 99.6 | 8,451 | 7,218 | 1,140 | 960 |
| Labor | 26.4 | 28.8 | 6,227 | 5,714 | 840 | 760 |
| Fuel | 85.1 | 86.8 | 7,265 | 8,045 | 980 | 1,070 |
| Farm supplies and repairs | 85.2 | 80.0 | 10,378 | 10,451 | 1,400 | 1,390 |
| Farm improvements and construction | 56.1 | 44.2 | 9,266 | 5,940 | 1,250 | 790 |
| Tractors and self-propelled farm machinery | 13.3 | 17.5 | 8,821 | 9,173 | 1,190 | 1,220 |
| Other farm machinery | 14.7 | 15.5 | 4,077 | 4,286 | 550 | 570 |
| Seeds and plants | 36.5 | 40.2 | 15,271 | 15,188 | 2,060 | 2,020 |
| Trucks and autos | 21.1 | 18.5 | 4,522 | 4,286 | 610 | 570 |
| Miscellaneous capital expenses | 8.7 | 7.5 | 445 | 639 | 60 | 85 |
| Total farm production expenditures | 100.0 | 100.0 | 193,625 | 189,211 | 26,120 | 25,165 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – West Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 26.5 | 33.7 | 11,740 | 14,539 | 3,670 | 4,510 |
| Feed | 54.0 | 50.1 | 30,710 | 31,915 | 9,600 | 9,900 |
| Farm services | 90.8 | 95.3 | 40,659 | 43,198 | 12,710 | 13,400 |
| Rent | 23.3 | 26.9 | 15,163 | 13,572 | 4,740 | 4,210 |
| Agricultural chemicals | 38.2 | 39.3 | 11,388 | 10,896 | 3,560 | 3,380 |
| Fertilizer, lime, and soil conditioners | 36.9 | 36.9 | 13,052 | 12,959 | 4,080 | 4,020 |
| Interest | 26.8 | 28.0 | 6,302 | 5,867 | 1,970 | 1,820 |
| Taxes | 97.6 | 98.0 | 7,006 | 7,157 | 2,190 | 2,220 |
| Labor | 30.1 | 29.1 | 59,341 | 54,578 | 18,550 | 16,930 |
| Fuel | 76.6 | 82.4 | 7,806 | 7,608 | 2,440 | 2,360 |
| Farm supplies and repairs | 76.6 | 81.9 | 14,235 | 11,734 | 4,450 | 3,640 |
| Farm improvements and construction | 45.3 | 50.5 | 10,397 | 10,445 | 3,250 | 3,240 |
| Tractors and self-propelled farm machinery | 12.3 | 11.6 | 6,238 | 4,965 | 1,950 | 1,540 |
| Other farm machinery | 12.6 | 11.7 | 2,559 | 1,838 | 800 | 570 |
| Seeds and plants | 27.9 | 32.4 | 11,804 | 10,961 | 3,690 | 3,400 |
| Trucks and autos | 15.8 | 15.6 | 3,295 | 2,772 | 1,030 | 860 |
| Miscellaneous capital expenses | 5.1 | 6.1 | 320 | 484 | 100 | 150 |
| Total farm production expenditures | 100.0 | 100.0 | 252,015 | 245,487 | 78,780 | 76,150 |

Farm Production Expenditures Total by Year – West Region: 2014-2018

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

| Expenditure | 2014 | 2015 | 2016 | 2017 | 2018 |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| | (million dollars) | (million dollars) | (million dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 4,470 | 3,960 | 2,950 | 3,670 | 4,510 |
| Feed | 12,570 | 10,600 | 9,450 | 9,600 | 9,900 |
| Farm services | 14,520 | 12,000 | 11,250 | 12,710 | 13,400 |
| Rent | 4,740 | 4,740 | 4,300 | 4,740 | 4,210 |
| Agricultural chemicals | 3,650 | 3,080 | 3,320 | 3,560 | 3,380 |
| Fertilizer, lime, and soil conditioners | 4,980 | 4,480 | 4,250 | 4,080 | 4,020 |
| Interest | 2,080 | 1,960 | 1,770 | 1,970 | 1,820 |
| Taxes | 2,440 | 2,280 | 2,150 | 2,190 | 2,220 |
| Labor | 16,170 | 14,700 | 16,250 | 18,550 | 16,930 |
| Fuel | 3,340 | 2,480 | 2,440 | 2,440 | 2,360 |
| Farm supplies and repairs | 5,020 | 4,320 | 4,090 | 4,450 | 3,640 |
| Farm improvements and construction | 4,020 | 3,810 | 3,150 | 3,250 | 3,240 |
| Tractors and self-propelled farm machinery | 2,010 | 1,820 | 1,360 | 1,950 | 1,540 |
| Other farm machinery | 1,000 | 860 | 710 | 800 | 570 |
| Seeds and plants | 2,920 | 2,750 | 3,040 | 3,690 | 3,400 |
| Trucks and autos | 1,140 | 880 | 710 | 1,030 | 860 |
| Miscellaneous capital expenses | 190 | 200 | 180 | 100 | 150 |
| Total farm production expenditures | 85,260 | 74,920 | 71,370 | 78,780 | 76,150 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – California: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 24.1 | 25.6 | 9,645 | 14,265 | 680 | 990 |
| Feed | 31.8 | 39.9 | 48,227 | 64,841 | 3,400 | 4,500 |
| Farm services | 96.9 | 96.8 | 92,624 | 105,620 | 6,530 | 7,330 |
| Rent | 18.4 | 18.7 | 31,631 | 28,098 | 2,230 | 1,950 |
| Agricultural chemicals | 52.4 | 51.1 | 27,092 | 28,818 | 1,910 | 2,000 |
| Fertilizer, lime, and soil conditioners | 50.4 | 53.7 | 28,085 | 29,251 | 1,980 | 2,030 |
| Interest | 29.7 | 24.6 | 11,915 | 10,231 | 840 | 710 |
| Taxes | 100.0 | 99.9 | 15,745 | 16,715 | 1,110 | 1,160 |
| Labor | 47.6 | 49.4 | 165,957 | 146,542 | 11,700 | 10,170 |
| Fuel | 73.5 | 84.4 | 14,468 | 13,977 | 1,020 | 970 |
| Farm supplies and repairs | 76.6 | 85.4 | 26,950 | 22,046 | 1,900 | 1,530 |
| Farm improvements and construction | 44.0 | 46.3 | 19,007 | 18,156 | 1,340 | 1,260 |
| Tractors and self-propelled farm machinery | 11.7 | 10.8 | 7,660 | 4,899 | 540 | 340 |
| Other farm machinery | 10.2 | 11.3 | 2,624 | 1,873 | 185 | 130 |
| Seeds and plants | 34.9 | 35.2 | 30,355 | 21,470 | 2,140 | 1,490 |
| Trucks and autos | 12.7 | 10.3 | 3,972 | 2,738 | 280 | 190 |
| Miscellaneous capital expenses | 3.0 | 3.4 | 142 | 288 | 10 | 20 |
| Total farm production expenditures | 100.0 | 100.0 | 536,099 | 529,827 | 37,795 | 36,770 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Washington: 2017 and 2018

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

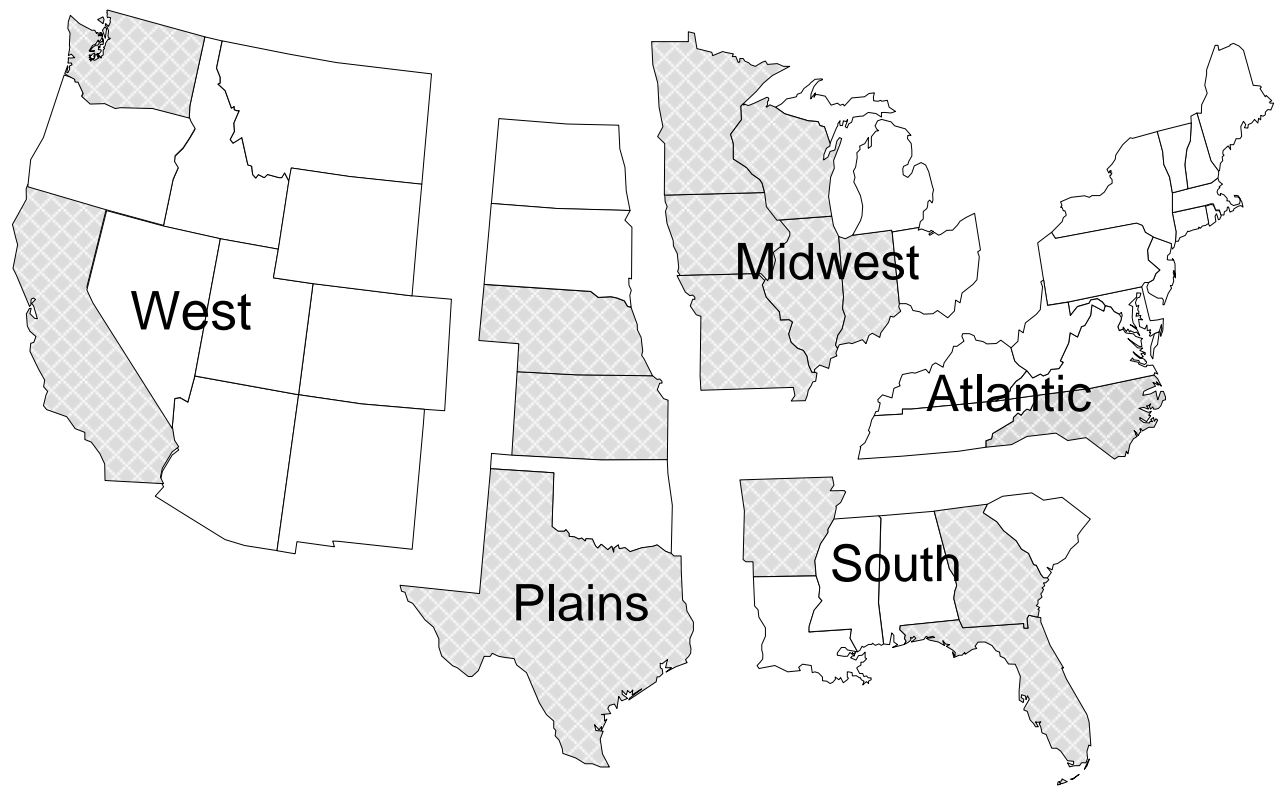
| Expenditure | Farms reporting | | Average per farm | | Total expenditures | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 21.2 | 35.3 | 17,598 | 6,443 | 630 | 230 |
| Feed | 54.9 | 51.4 | 30,726 | 24,370 | 1,100 | 870 |
| Farm services | 81.8 | 86.8 | 36,872 | 46,218 | 1,320 | 1,650 |
| Rent | 17.8 | 17.7 | 15,084 | 12,885 | 540 | 460 |
| Agricultural chemicals | 34.1 | 44.3 | 15,642 | 13,445 | 560 | 480 |
| Fertilizer, lime, and soil conditioners | 34.9 | 41.5 | 11,453 | 10,644 | 410 | 380 |
| Interest | 30.1 | 27.1 | 4,469 | 4,202 | 160 | 150 |
| Taxes | 100.0 | 100.0 | 5,866 | 7,003 | 210 | 250 |
| Labor | 26.3 | 27.4 | 58,659 | 58,543 | 2,100 | 2,090 |
| Fuel | 74.6 | 79.6 | 5,587 | 5,882 | 200 | 210 |
| Farm supplies and repairs | 79.2 | 77.2 | 12,011 | 11,485 | 430 | 410 |
| Farm improvements and construction | 49.9 | 46.2 | 8,101 | 11,204 | 290 | 400 |
| Tractors and self-propelled farm machinery | 12.0 | 10.7 | 6,425 | 4,202 | 230 | 150 |
| Other farm machinery | 13.0 | 9.7 | 2,933 | 2,101 | 105 | 75 |
| Seeds and plants | 25.1 | 35.6 | 7,542 | 8,683 | 270 | 310 |
| Trucks and autos | 11.2 | 10.4 | 2,793 | 1,681 | 100 | 60 |
| Miscellaneous capital expenses | 2.5 | 3.1 | 279 | 420 | 10 | 15 |
| Total farm production expenditures | 100.0 | 100.0 | 242,039 | 229,412 | 8,665 | 8,190 |

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, West Region: 2017 and 2018

[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 | |
|--|-----------------|-----------|------------------|-----------|--------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (percent) | (percent) | (dollars) | (dollars) | (million dollars) | (million dollars) |
| Livestock, poultry, and related expenses | 28.2 | 36.2 | 11,440 | 16,041 | 2,360 | 3,290 |
| Feed | 61.5 | 53.4 | 24,721 | 22,087 | 5,100 | 4,530 |
| Farm services | 90.3 | 96.2 | 23,558 | 21,550 | 4,860 | 4,420 |
| Rent | 26.0 | 31.3 | 9,549 | 8,776 | 1,970 | 1,800 |
| Agricultural chemicals | 34.0 | 34.5 | 5,284 | 4,388 | 1,090 | 900 |
| Fertilizer, lime, and soil conditioners | 32.6 | 30.4 | 8,192 | 7,850 | 1,690 | 1,610 |
| Interest | 25.3 | 29.3 | 4,702 | 4,681 | 970 | 960 |
| Taxes | 96.4 | 97.0 | 4,217 | 3,949 | 870 | 810 |
| Labor | 24.8 | 22.6 | 23,025 | 22,769 | 4,750 | 4,670 |
| Fuel | 77.9 | 82.2 | 5,914 | 5,753 | 1,220 | 1,180 |
| Farm supplies and repairs | 76.2 | 81.5 | 10,276 | 8,289 | 2,120 | 1,700 |
| Farm improvements and construction | 45.0 | 52.7 | 7,853 | 7,704 | 1,620 | 1,580 |
| Tractors and self-propelled farm machinery | 12.6 | 12.1 | 5,720 | 5,119 | 1,180 | 1,050 |
| Other farm machinery | 13.3 | 12.2 | 2,472 | 1,780 | 510 | 365 |
| Seeds and plants | 26.0 | 30.9 | 6,205 | 7,801 | 1,280 | 1,600 |
| Trucks and autos | 17.7 | 18.3 | 3,151 | 2,974 | 650 | 610 |
| Miscellaneous capital expenses | 6.3 | 7.5 | 388 | 561 | 80 | 115 |
| Total farm production expenditures | 100.0 | 100.0 | 156,665 | 152,072 | 32,320 | 31,190 |

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. The Farm Production Expenditure Survey and the Cost of Production Survey were combined and called the Farm Costs and Returns Survey (FCRS) beginning in 1985. The Agricultural Resource Management Survey (ARMS) replaced the former Cropping Practices Survey (CPS) and the FCRS in 1996, 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.

NASS initiated an estimation program in calendar year 1993 for Farm Production Expenditures. 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.

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 preliminary data. Formal release of expense data occurs before, but in coordination with, 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 restoration and 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 (CORE) 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. Similarly, the 2013 summary includes changes to the 2012 data and estimates, due to the farm numbers released in the 2012 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 un-weighted 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 2018 Agricultural Resource Management Survey

Publication: *Farm Production Expenditures 2018 Summary* was released on August 2, 2019.

Data Collection: The Agricultural Resource Management Survey (ARMS III) was conducted January through May of 2019.

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 creates an additional stratum (stratum 60) consisting of Farm Value of Sales (FVS) greater than \$5,000,000 in States that meet the threshold for the number of large operations in higher economic classes.

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 2018 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 2018 sample was 35,244 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 2018, there were two COP commodities: Cattle and Calves and Soybeans. The States involved for this year were:

Cattle and Calves: Alabama, Arkansas, California, Colorado, Florida, Georgia, Idaho, Iowa, Kansas, Kentucky, Mississippi, Missouri, Montana, Nebraska, New Mexico North Dakota, Oklahoma, Oregon, South Dakota, Tennessee, Texas, Virginia, Wyoming

Soybeans: Arkansas, Illinois, Indiana, Iowa, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Carolina, North Dakota, Ohio, South Dakota, Tennessee, Virginia, Wisconsin

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, which you can refer to page 41 for a breakdown of 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 if appropriate 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 for 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. 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 (31 in 2014). 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 Analysis Comments Estimation Review (ACER) was done in 2004. Since 2005, Executive Summaries have been sent to all states electronically. ACER improvements over several years have made it possible to set and revise the 1360 estimates now contained in this publication. The ACER tools provide more administrative data, charting, and sample coverage data to the NASS analysis stats as they complete their review of the summary.

The following states are assigned large enough samples that expenditure estimates are set: 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 for them. These are used by ERS to develop the value added tables (Income and Expense estimates by state).

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 rounded indication). After the Farm Production Expenditures Board formally approves the national estimates, NASS and ERS staff set estimates for line items in Regions, 15 States, type of farm, economic class, and fuel subcomponents. 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 [http://www.nass.usda.gov/Publications/Methodology and Data Quality/index.asp](http://www.nass.usda.gov/Publications/Methodology_and_Data_Quality/index.asp).

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.

| | |
|--|----------------|
| Jody McDaniel, Chief, Environmental, Economics, and Demographics Branch..... | (202) 720-6146 |
| Bruce Boess, Head, Economics Section..... | (202) 720-4447 |
| Eric Barnes – Cash Receipts, Farm Computer Use, Land Values | (202) 690-3225 |
| Stephanie Brennan – Farm Production Expenditures | (202) 690-0392 |
| Kuan Chen – Prices, Prices Indexes, Parity Prices | (202) 690-3347 |
| Ryan Cowen – Cash Rents, Farms, Land in Farms, Grazing Fees | (202) 720-2250 |
| Doug Farmer – Chemical Use | (202) 690-3229 |
| Stephen Habets – Prices, Prices Indexes, Parity Prices | (202) 720-9168 |
| Michael Mathison – Farm Production Expenditures | (202) 720-3243 |
| Theresa Varner – Farm Labor..... | (202) 690-3231 |

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Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: www.nass.usda.gov
- 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@nass.usda.gov.

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