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Special Note

NASS is in the process of modifying report layouts in order to improve readability. This is the first issue produced using the new layout. This report issue is published using both layouts, but future issues will only be produced using this layout. The previous layout is available on the NASS website: <http://www.nass.usda.gov>.

United States Total Farm Production Expenditures Down in 2009 Lower Fuel Expenditures Leads Decline

United States Total Farm Production Expenditures totaled \$287.4 billion in 2009 down from \$307.0 billion in 2008. This is the first major decline of farm expenditures since 1986. The 2009 Total Expenditures fell 6.4 percent compared to the 2008 rise of 8.3 percent. Total Expenditures for 2008 remain unchanged from a year ago. Two expense items showing increases from the previous year were; Rent, up 0.9 percent, and Seed and Plants, up 2.6 percent.

Major factors that impacted expenditures this year were general economic conditions and the price of crude oil. The sharp decline in petroleum prices was a major factor affecting Total Expenditures. Fuels, down 22.5 percent from previous year, had the largest decrease of any capital or non-capital expense. The decreasing cost of crude oil also contributed to the drop of Fertilizer and Agricultural Chemicals in 2009.

Total Fuels Expense was \$12.4 billion. Diesel, the largest sub-component, was \$7.2 billion accounting for 58.2 percent of the total Fuels Expense. Diesel expenditures were down 26.8 percent in 2009. Gasoline was \$2.4 billion, down 19.3 percent. LP Gas was \$2.0 billion, down 3.9 percent. Other Fuels were \$0.8 billion, down 27.3 percent.

Expenditures with the largest percentage drop were: Fuels, down 22.5 percent; Other Farm Machinery, down 20.3 percent; Tractors and Self Propelled Machinery, down 18.4 percent; Farm Improvements, down 10.8 percent; and Fertilizer, Lime, and Soil Conditioners, down 10.7 percent

The four largest expenditures at the United States level totaled \$136.1 billion and accounted for 47.4 percent of Total Expenditures in 2009. They were Feed, 15.7 percent; Farm Services, 12.7 percent; Labor, 10.0 percent; and Livestock and Poultry Purchases, 9.0 percent.

In 2009, the United States Total Farm Expenditure average per farm was \$131,137 compared with \$140,075 in 2008, a decrease of 6.4 percent. On average, United States farm operations spent: \$20,533 on Feed, \$16,609 on Farm Services, \$13,141 on Labor, \$11,818 on Livestock and Poultry Purchases, \$9,171 on Fertilizer, Lime, and Soil Conditioners, and \$10,312 on Rent. For 2008, United States farms spent an average of: \$21,398 on Feed, \$17,337 on Farm Services, \$12,912 on Livestock and Poultry Purchases, \$13,550 on Labor, and \$10,220 on Rent.

The top three average per farm expenditures with the largest dollar decrease were: Fuels down \$1,642 or 22.5 percent; Fertilizer, Lime and Soil Conditioners, down \$1,094, or 10.7 percent; and Livestock and Poultry Purchases, down \$1,094, or 8.5 percent. All other per farm average decreases were down less than \$1,000 per farm.

The United States Economic Sales Class contributing most to the 2009 United States Total Expenditures was the \$1,000,000 - \$4,999,999 class, with expenses of \$75.4 billion, 26.2 percent of the United States total, down 9.3 percent from the 2008 level of \$83.1 billion. It was followed by the \$5,000,000 and Over class with \$51.0 billion (2008 - \$57.4 billion) and the \$500,000 - \$999,999 class with \$49.3 billion (2008 - \$51.9 billion).

Average 2009 Total Expenditures for the largest economic class of farms (\$5 million and Over) were \$10.3 million. That is 6.2 times larger than the next largest economic class with farms \$1,000,000 - \$4,999,999 averaging \$1.7 million followed by the \$500,000 - \$999,999 economic class of farms averaging \$0.7 million.

In 2009, Crop Farms expenditures decreased to \$158.5 billion, down 4.6 percent and Livestock Farms expenditures also decreased to \$128.9 billion, down 8.5 percent. The largest expenditures for Crop Farms were Farm Services at \$21.7 billion, (13.7 percent); Labor at \$20.0 billion, (12.6 percent); Rent at \$18.9 billion, (11.9 percent). Combined crop inputs (chemicals, fertilizers, and seeds) were \$41.7 billion, accounting for 26.3 percent of Crop Farms total expenses. The largest expenditures for Livestock Farms were Feed at \$41.1 billion, (31.9 percent); Livestock and Poultry Purchases, at \$22.9 billion, (17.8 percent); Farm Services at \$14.7 billion, (11.4 percent), together account for 61.0 percent of Livestock Farms total expenses. The average Total Expenditure for a Crop farm was \$161,073 compared with \$106,740 per Livestock farm.

Total Expenditures by Region were down for all five regions in 2009. The Atlantic had the largest decrease at 8.7 percent, followed by the Plains down 8.4 percent. Total Expenditures for the South decreased 7.8 percent; the West decreased 6.1 percent; and the Midwest decreased only 3.5 percent.

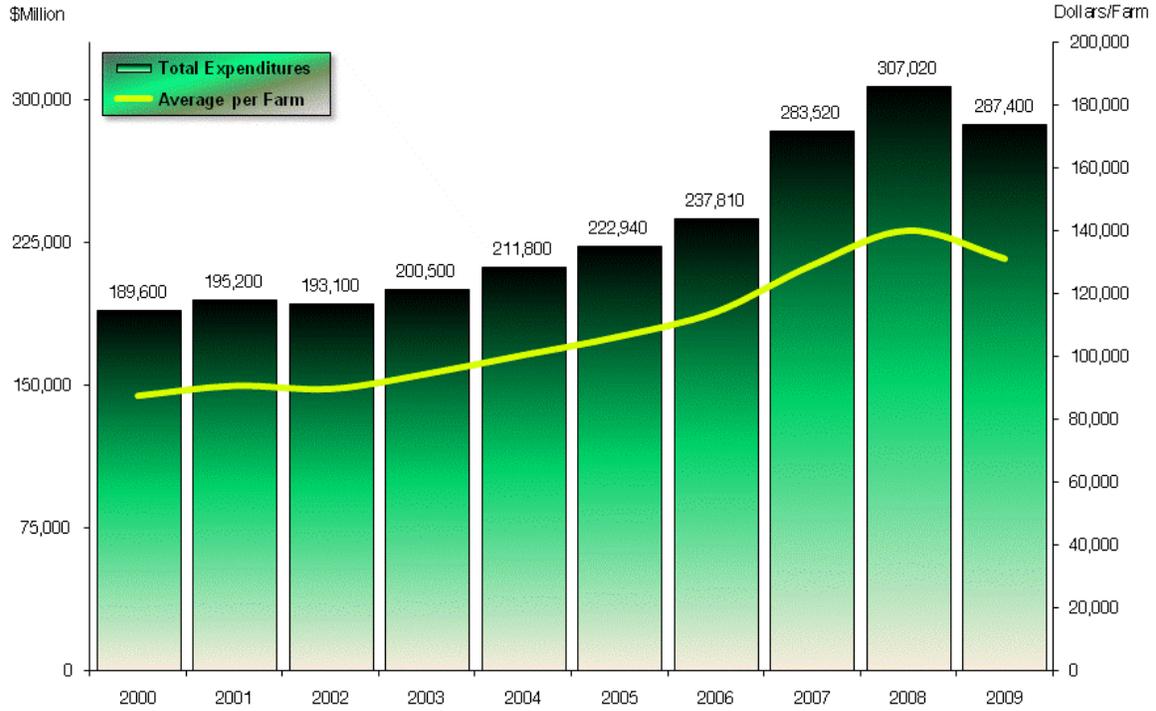
The Midwest region contributed the most to United States Total Expenditures with expenses of \$88.2 billion (30.7 percent), down from \$91.4 billion in 2008. The other regions ranked by Total Expenditures are: Plains at \$68.0 billion (23.7 percent); West at \$64.6 billion (22.5 percent); Atlantic at \$35.5 billion (12.4 percent); and South at \$31.1 billion (10.8 percent).

The sum of Total Expenditures for the 15 Estimate States was \$186.4 billion in 2009 (64.9 percent of the United States Total Expenses) and \$198.4 billion in 2008 (64.6 percent). California contributed most to the 2009 United States Total Expenditures, with expenses of \$29.6 billion, (10.3 percent). California expenditures were down 8.2 percent from the 2008 estimate of \$32.3 billion. Iowa, the next leading state, had \$22.0 billion in expenses, (7.7 percent). Other states with more than \$10 billion in Total Expenditures were: Texas with \$20.6 billion (\$22.9 billion - 2008), Nebraska with \$15.2 billion (\$16.8 billion - 2008), Illinois with \$14.5 billion (\$14.9 billion - 2008), Minnesota with \$13.5 billion (14.2 billion - 2008), and Kansas with \$12.2 billion (\$13.0 billion - 2008).

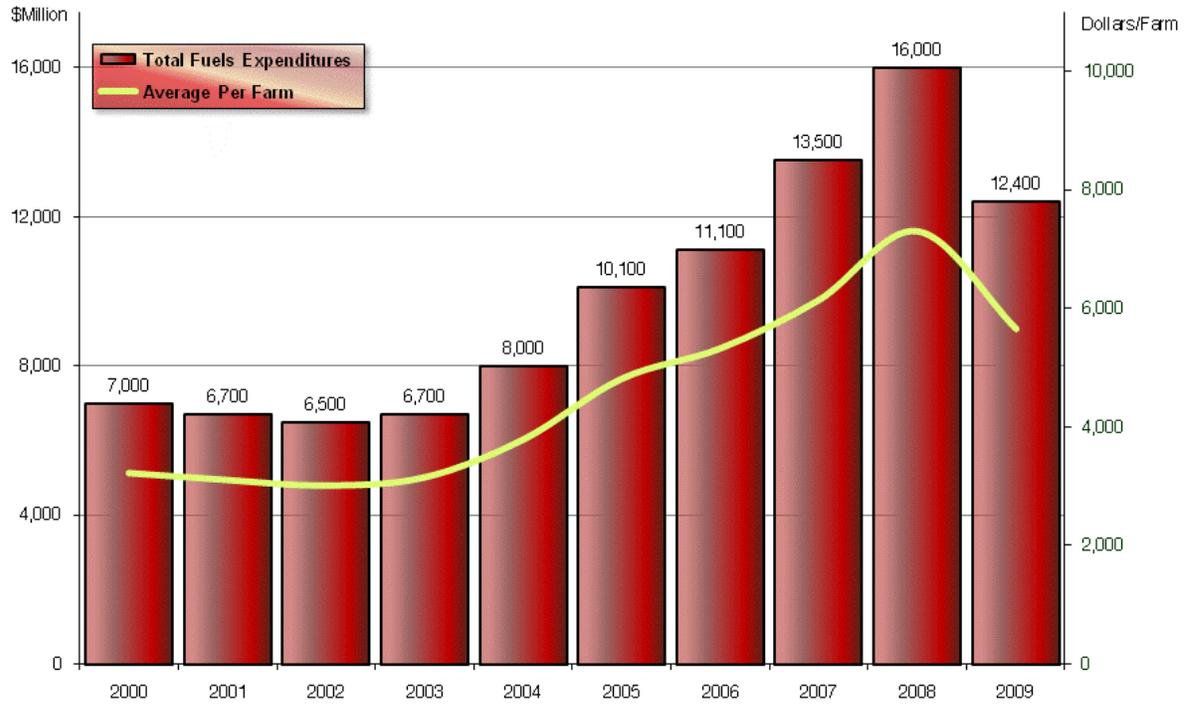
The 2009 Agricultural Resource and Management Survey - Phase III (ARMS III) sample size was 33,348 with 21,050 usable reports, a response rate of 63.1 percent. The sample size was increased in 2003 and estimates for the 15 Leading Cash Receipts States have been published annually since 2004. Please be advised, the current form of this publication is changing. NASS will produce the 'old format' on August 3, 2010 and shortly after will release a newly formatted report, and going forward only the new format will be available.

For further information on USDA farm expenditures, please visit http://www.nass.usda.gov/QuickStats/indexbysubject.jsp?Pass_group=Economics.

**Farm Production Expenditures, Total and Average Per Farm
by Year – United States: 2000-2009**



**Fuels Expenditures, Total and Average Per Farm
by Year – United States: 2000-2009**



Farm Production Expenditures by Total and Percent of Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	2008		2009	
	(million dollars)	(percent)	(million dollars)	(percent)
Livestock, poultry and related expenses	28,300	9.2	25,900	9.0
Feed	46,900	15.3	45,000	15.7
Farm services	38,000	12.4	36,400	12.7
Rent	22,400	7.3	22,600	7.9
Agricultural chemicals	11,700	3.8	11,500	4.0
Fertilizer, lime and soil conditioners	22,500	7.3	20,100	7.0
Interest	12,000	3.9	11,000	3.8
Taxes	10,700	3.5	10,400	3.6
Labor	29,700	9.7	28,800	10.0
Fuels	16,000	5.2	12,400	4.3
Farm supplies and repairs	15,900	5.2	15,500	5.4
Farm improvements and construction	15,800	5.1	14,100	4.9
Tractors and self-propelled farm machinery	11,400	3.7	9,300	3.2
Other farm machinery	5,900	1.9	4,700	1.6
Seeds and plants	15,100	4.9	15,500	5.4
Trucks and autos	4,500	1.5	4,000	1.4
Miscellaneous capital expenses	220	0.1	200	0.1
Total farm production expenditures	307,020	100.0	287,400	100.0

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	25.9	25.1	12,912	11,818	28,300	25,900
Feed	59.4	56.9	21,398	20,533	46,900	45,000
Farm services	93.3	92.8	17,337	16,609	38,000	36,400
Rent	28.2	29.3	10,220	10,312	22,400	22,600
Agricultural chemicals	45.7	44.8	5,338	5,247	11,700	11,500
Fertilizer, lime and soil conditioners	51.0	47.8	10,265	9,171	22,500	20,100
Interest	38.1	36.2	5,475	5,019	12,000	11,000
Taxes	99.7	99.6	4,882	4,745	10,700	10,400
Labor	30.8	28.8	13,550	13,141	29,700	28,800
Fuels	85.1	82.5	7,300	5,658	16,000	12,400
Farm supplies and repairs	82.7	81.0	7,254	7,072	15,900	15,500
Farm improvements and construction	55.7	53.9	7,209	6,434	15,800	14,100
Tractors and self-propelled farm machinery	22.9	21.2	5,201	4,243	11,400	9,300
Other farm machinery	25.4	22.7	2,692	2,145	5,900	4,700
Seeds and plants	41.1	38.2	6,889	7,072	15,100	15,500
Trucks and autos	23.0	21.2	2,053	1,825	4,500	4,000
Miscellaneous capital expenses	13.1	13.3	100	91	220	200
Total farm production expenditures	100.0	100.0	140,075	131,137	307,020	287,400

Farm Production Expenditures Total by Year—United States: 2005-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	2005	2006	2007	2008	2009
	(million dollars)				
Livestock, poultry and related expenses	21,600	26,100	33,000	28,300	25,900
Feed	28,000	31,400	41,900	46,900	45,000
Farm services	29,600	32,000	36,800	38,000	36,400
Rent	17,100	18,300	19,700	22,400	22,600
Agricultural chemicals	8,800	9,000	10,500	11,700	11,500
Fertilizer, lime and soil conditioners	12,800	13,300	17,700	22,500	20,100
Interest	9,700	10,700	12,100	12,000	11,000
Taxes	8,000	9,000	10,300	10,700	10,400
Labor	24,000	24,500	28,600	29,700	28,800
Fuels	10,100	11,100	13,500	16,000	12,400
Farm supplies and repairs	12,600	13,400	15,100	15,900	15,500
Farm improvements and construction	12,700	12,700	14,100	15,800	14,100
Tractors and self-propelled farm machinery	8,500	7,300	8,600	11,400	9,300
Other farm machinery	4,100	3,900	4,400	5,900	4,700
Seeds and plants	10,400	11,000	12,600	15,100	15,500
Trucks and autos	4,700	3,900	4,400	4,500	4,000
Miscellaneous capital expenses	240	210	220	220	200
Total farm production expenditures	222,940	237,810	283,520	307,020	287,400

Farm Production Expenditures by Percent of Total—United States: 2005-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	2005	2006	2007	2008	2009
	(percent)	(percent)	(percent)	(percent)	(percent)
Livestock, poultry and related expenses	9.7	11.0	11.6	9.2	9.0
Feed	12.6	13.2	14.8	15.3	15.7
Farm services	13.3	13.5	13.0	12.4	12.7
Rent	7.7	7.7	6.9	7.3	7.9
Agricultural chemicals	3.9	3.8	3.7	3.8	4.0
Fertilizer, lime and soil conditioners	5.7	5.6	6.2	7.3	7.0
Interest	4.4	4.5	4.3	3.9	3.8
Taxes	3.6	3.8	3.6	3.5	3.6
Labor	10.8	10.3	10.1	9.7	10.0
Fuels	4.5	4.7	4.8	5.2	4.3
Farm supplies and repairs	5.7	5.6	5.3	5.2	5.4
Farm improvements and construction	5.7	5.3	5.0	5.1	4.9
Tractors and self-propelled farm machinery	3.8	3.1	3.0	3.7	3.2
Other farm machinery	1.8	1.6	1.6	1.9	1.6
Seeds and plants	4.7	4.6	4.4	4.9	5.4
Trucks and autos	2.1	1.6	1.6	1.5	1.4
Miscellaneous capital expenses	0.1	0.1	0.1	0.1	0.1
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: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	11.0	10.3	3,484	3,069	3,300	3,020
Feed	22.4	20.2	3,959	3,963	3,750	3,900
Farm services	88.4	88.3	23,100	22,092	21,880	21,740
Rent	31.8	32.2	19,859	19,206	18,810	18,900
Agricultural chemicals	58.6	56.2	10,969	10,568	10,390	10,400
Fertilizer, lime and soil conditioners	63.1	58.8	20,355	17,620	19,280	17,340
Interest	39.1	36.6	6,704	6,026	6,350	5,930
Taxes	99.9	99.7	6,704	6,219	6,350	6,120
Labor	33.2	30.7	21,506	20,273	20,370	19,950
Fuels	81.2	78.6	10,980	8,160	10,400	8,030
Farm supplies and repairs	78.1	75.3	10,188	9,867	9,650	9,710
Farm improvements and construction	51.5	48.4	8,362	7,479	7,920	7,360
Tractors and self-propelled farm machinery	25.6	23.2	8,119	6,564	7,690	6,460
Other farm machinery	27.9	24.6	3,970	3,313	3,760	3,260
Seeds and plants	56.0	52.4	14,253	14,226	13,500	14,000
Trucks and autos	25.2	21.8	2,734	2,286	2,590	2,250
Miscellaneous capital expenses	14.9	14.8	169	142	160	140
Total farm production expenditures	100.0	100.0	175,415	161,073	166,150	158,510

Livestock Farms Production Expenditures by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	37.2	37.2	20,086	18,948	25,000	22,880
Feed	87.6	86.8	34,669	34,037	43,150	41,100
Farm services	97.0	96.5	12,952	12,141	16,120	14,660
Rent	25.4	26.9	2,884	3,064	3,590	3,700
Agricultural chemicals	35.9	35.5	1,053	911	1,310	1,100
Fertilizer, lime and soil conditioners	41.8	38.8	2,587	2,286	3,220	2,760
Interest	37.3	35.9	4,539	4,199	5,650	5,070
Taxes	99.5	99.4	3,495	3,544	4,350	4,280
Labor	28.9	27.2	7,496	7,329	9,330	8,850
Fuels	88.0	85.8	4,499	3,619	5,600	4,370
Farm supplies and repairs	86.2	85.6	5,022	4,795	6,250	5,790
Farm improvements and construction	58.9	58.4	6,331	5,582	7,880	6,740
Tractors and self-propelled farm machinery	20.7	19.6	2,981	2,352	3,710	2,840
Other farm machinery	23.5	21.2	1,719	1,193	2,140	1,440
Seeds and plants	29.7	26.6	1,286	1,242	1,600	1,500
Trucks and autos	21.3	20.6	1,535	1,449	1,910	1,750
Miscellaneous capital expenses	11.6	12.0	48	50	60	60
Total farm production expenditures	100.0	100.0	113,182	106,740	140,870	128,890

Farm Production Expenditures, Economic Class Gross Sales, by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Less than \$10,000	100.0	100.0	15,562	15,492	18,940	18,950
\$10,000 - \$49,999	100.0	100.0	36,434	34,234	15,980	14,780
\$50,000 - \$99,999	100.0	100.0	90,809	92,038	14,830	15,040
\$100,000 - \$249,999	100.0	100.0	183,830	177,662	27,330	26,500
\$250,000 - \$499,999	100.0	100.0	381,315	366,167	37,510	36,430
\$500,000 - \$999,999	100.0	100.0	697,340	662,367	51,910	49,300
\$1,000,000 - \$4,999,999	100.0	100.0	1,796,024	1,669,692	83,120	75,420
\$5,000,000 and over	100.0	100.0	11,232,877	10,298,990	57,400	50,980
Total farm production expenditures	100.0	100.0	140,075	131,137	307,020	287,400

Farm Production Expenditures, Economic Class Gross Sales Less than \$10,000 by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	20.3	18.9	468	499	570	610
Feed	60.6	58.5	1,561	1,561	1,900	1,910
Farm services	89.3	89.1	2,243	2,273	2,730	2,780
Rent	11.3	10.7	214	188	260	230
Agricultural chemicals	28.0	26.7	115	106	140	130
Fertilizer, lime and soil conditioners	35.6	30.6	435	368	530	450
Interest	26.5	25.2	1,537	1,496	1,870	1,830
Taxes	99.5	99.3	1,939	2,011	2,360	2,460
Labor	17.5	14.7	690	654	840	800
Fuels	78.3	75.2	797	703	970	860
Farm supplies and repairs	75.0	72.3	994	1,006	1,210	1,230
Farm improvements and construction	47.5	45.8	2,268	2,551	2,760	3,120
Tractors and self-propelled farm machinery	16.3	15.6	1,035	916	1,260	1,120
Other farm machinery	18.0	15.7	419	335	510	410
Seeds and plants	23.7	20.7	181	155	220	190
Trucks and autos	16.9	15.9	649	654	790	800
Miscellaneous capital expenses	9.5	9.6	16	16	20	20
Total farm production expenditures	100.0	100.0	15,562	15,492	18,940	18,950

Farm Production Expenditures, Economic Class Gross Sales \$10,000-\$49,999 by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	26.8	28.0	1,528	1,575	670	680
Feed	61.3	58.1	2,987	2,594	1,310	1,120
Farm services	96.6	94.7	5,130	5,281	2,250	2,280
Rent	29.3	32.3	1,300	1,529	570	660
Agricultural chemicals	49.9	48.4	775	788	340	340
Fertilizer, lime and soil conditioners	56.0	54.8	2,120	2,015	930	870
Interest	36.5	31.7	2,212	1,922	970	830
Taxes	99.8	100.0	3,260	3,127	1,430	1,350
Labor	31.9	27.9	2,052	2,224	900	960
Fuels	88.7	85.4	2,440	2,061	1,070	890
Farm supplies and repairs	86.7	85.3	2,645	2,641	1,160	1,140
Farm improvements and construction	56.2	52.7	4,469	3,752	1,960	1,620
Tractors and self-propelled farm machinery	20.8	19.4	2,189	1,691	960	730
Other farm machinery	24.1	21.2	1,026	788	450	340
Seeds and plants	44.8	39.7	980	1,019	430	440
Trucks and autos	20.9	18.8	1,300	1,181	570	510
Miscellaneous capital expenses	12.5	12.6	23	46	10	20
Total farm production expenditures	100.0	100.0	36,434	34,234	15,980	14,780

Farm Production Expenditures, Economic Class Gross Sales \$50,000-\$99,999 by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	31.5	32.1	4,286	4,406	700	720
Feed	55.1	51.4	5,756	5,936	940	970
Farm services	98.9	99.5	13,165	13,585	2,150	2,220
Rent	52.3	58.3	6,552	7,099	1,070	1,160
Agricultural chemicals	72.5	74.3	3,552	3,427	580	560
Fertilizer, lime and soil conditioners	75.9	73.8	7,838	7,343	1,280	1,200
Interest	48.1	49.3	4,592	4,651	750	760
Taxes	100.0	99.8	5,511	5,385	900	880
Labor	45.2	46.9	6,368	7,160	1,040	1,170
Fuels	95.2	94.9	6,246	5,385	1,020	880
Farm supplies and repairs	93.4	96.0	6,123	6,976	1,000	1,140
Farm improvements and construction	65.9	66.9	6,797	6,854	1,110	1,120
Tractors and self-propelled farm machinery	28.9	27.8	5,144	4,284	840	700
Other farm machinery	32.0	31.3	2,388	2,387	390	390
Seeds and plants	66.5	67.5	4,470	5,018	730	820
Trucks and autos	29.4	28.2	1,959	2,019	320	330
Miscellaneous capital expenses	16.0	18.7	61	122	10	20
Total farm production expenditures	100.0	100.0	90,809	92,038	14,830	15,040

Farm Production Expenditures, Economic Class Gross Sales \$100,000-\$249,999 by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	38.9	36.0	11,300	10,392	1,680	1,550
Feed	58.8	54.4	15,807	13,744	2,350	2,050
Farm services	99.9	99.9	23,340	24,336	3,470	3,630
Rent	63.6	69.9	15,067	17,297	2,240	2,580
Agricultural chemicals	83.1	85.4	7,937	8,380	1,180	1,250
Fertilizer, lime and soil conditioners	82.3	84.9	16,278	16,291	2,420	2,430
Interest	63.6	63.0	8,206	7,576	1,220	1,130
Taxes	99.9	100.0	7,735	7,911	1,150	1,180
Labor	53.2	56.3	13,654	14,213	2,030	2,120
Fuels	97.7	96.4	12,175	9,855	1,810	1,470
Farm supplies and repairs	97.6	96.8	12,915	12,269	1,920	1,830
Farm improvements and construction	72.0	70.3	10,359	10,324	1,540	1,540
Tractors and self-propelled farm machinery	35.9	30.9	8,475	6,436	1,260	960
Other farm machinery	43.4	37.7	5,314	3,620	790	540
Seeds and plants	79.7	79.0	10,964	11,799	1,630	1,760
Trucks and autos	37.3	32.0	4,103	3,084	610	460
Miscellaneous capital expenses	20.4	19.9	202	134	30	20
Total farm production expenditures	100.0	100.0	183,830	177,662	27,330	26,500

Farm Production Expenditures, Economic Class Gross Sales \$250,000-\$499,999 by Farms Reporting, Average per Farm, and Total—United States: 2008-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	38.7	36.0	22,568	19,097	2,220	1,900
Feed	54.1	49.8	35,783	29,852	3,520	2,970
Farm services	99.9	100.0	46,254	47,743	4,550	4,750
Rent	78.0	79.3	40,866	43,019	4,020	4,280
Agricultural chemicals	88.9	89.1	19,721	19,298	1,940	1,920
Fertilizer, lime and soil conditioners	88.0	86.5	38,426	36,788	3,780	3,660
Interest	76.4	73.5	15,858	14,273	1,560	1,420
Taxes	100.0	100.0	12,402	12,564	1,220	1,250
Labor	67.7	66.7	25,516	27,943	2,510	2,780
Fuels	98.5	98.3	23,178	18,796	2,280	1,870
Farm supplies and repairs	98.4	97.7	21,856	22,515	2,150	2,240
Farm improvements and construction	79.2	76.2	18,807	16,384	1,850	1,630
Tractors and self-propelled farm machinery	46.8	41.1	18,603	14,474	1,830	1,440
Other farm machinery	49.4	47.7	9,962	8,644	980	860
Seeds and plants	85.2	83.7	25,211	28,445	2,480	2,830
Trucks and autos	43.1	41.7	5,998	6,031	590	600
Miscellaneous capital expenses	25.9	28.0	305	302	30	30
Total farm production expenditures	100.0	100.0	381,315	366,167	37,510	36,430

Farm Production Expenditures, Economic Class Gross Sales \$500,000-\$999,999 by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	41.0	40.5	45,674	46,352	3,400	3,450
Feed	49.7	50.2	77,378	81,016	5,760	6,030
Farm services	100.0	100.0	81,677	76,582	6,080	5,700
Rent	78.1	77.5	77,378	76,851	5,760	5,720
Agricultural chemicals	91.4	89.1	37,077	34,932	2,760	2,600
Fertilizer, lime and soil conditioners	87.5	85.1	73,213	63,147	5,450	4,700
Interest	82.7	79.6	25,255	23,109	1,880	1,720
Taxes	100.0	100.0	19,613	18,003	1,460	1,340
Labor	75.6	78.0	51,854	56,026	3,860	4,170
Fuels	98.9	99.5	41,376	31,305	3,080	2,330
Farm supplies and repairs	98.9	98.9	34,121	34,126	2,540	2,540
Farm improvements and construction	81.1	80.2	28,882	22,706	2,150	1,690
Tractors and self-propelled farm machinery	51.0	47.0	32,644	27,274	2,430	2,030
Other farm machinery	52.8	48.2	16,389	13,301	1,220	990
Seeds and plants	84.9	82.9	44,331	48,905	3,300	3,640
Trucks and autos	47.1	41.1	9,941	8,196	740	610
Miscellaneous capital expenses	28.6	25.0	537	537	40	40
Total farm production expenditures	100.0	100.0	697,340	662,367	51,910	49,300

Farm Production Expenditures, Economic Class Gross Sales \$1,000,000-\$4,999,999 by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	48.2	52.0	180,640	181,758	8,360	8,210
Feed	55.1	57.4	348,099	328,315	16,110	14,830
Farm services	100.0	100.0	211,106	196,369	9,770	8,870
Rent	74.2	72.1	151,901	141,687	7,030	6,400
Agricultural chemicals	87.9	87.0	74,762	74,607	3,460	3,370
Fertilizer, lime and soil conditioners	80.5	79.6	139,369	117,335	6,450	5,300
Interest	84.0	82.3	55,748	51,362	2,580	2,320
Taxes	100.0	99.9	36,085	32,765	1,670	1,480
Labor	89.6	89.9	187,770	187,071	8,690	8,450
Fuels	99.4	99.5	89,888	66,194	4,160	2,990
Farm supplies and repairs	99.0	98.9	74,762	69,294	3,460	3,130
Farm improvements and construction	84.2	86.3	56,828	50,255	2,630	2,270
Tractors and self-propelled farm machinery	51.4	46.9	50,346	42,506	2,330	1,920
Other farm machinery	53.2	48.9	26,361	21,917	1,220	990
Seeds and plants	79.9	78.6	96,370	95,196	4,460	4,300
Trucks and autos	48.7	44.3	15,125	12,176	700	550
Miscellaneous capital expenses	25.3	25.3	864	886	40	40
Total farm production expenditures	100.0	100.0	1,796,024	1,669,692	83,120	75,420

Farm Production Expenditures, Economic Class Gross Sales \$5,000,000 and Over by Farms Reporting, Average per Farm, and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	56.2	56.6	2,093,933	1,773,737	10,700	8,780
Feed	64.5	67.7	2,937,378	3,054,545	15,010	15,120
Farm services	100.0	100.0	1,369,863	1,246,465	7,000	6,170
Rent	65.9	63.7	283,757	317,172	1,450	1,570
Agricultural chemicals	85.5	75.7	254,403	268,687	1,300	1,330
Fertilizer, lime and soil conditioners	74.1	65.6	324,853	301,010	1,660	1,490
Interest	80.1	79.9	228,963	200,000	1,170	990
Taxes	100.0	100.0	99,804	92,929	510	460
Labor	96.8	98.1	1,923,679	1,686,869	9,830	8,350
Fuels	99.1	98.9	315,068	224,242	1,610	1,110
Farm supplies and repairs	98.7	99.6	481,409	454,545	2,460	2,250
Farm improvements and construction	89.4	87.9	352,250	224,242	1,800	1,110
Tractors and self-propelled farm machinery	55.9	46.9	95,890	80,808	490	400
Other farm machinery	48.9	40.6	66,536	36,364	340	180
Seeds and plants	75.3	64.1	362,035	307,071	1,850	1,520
Trucks and autos	58.3	41.7	35,225	28,283	180	140
Miscellaneous capital expenses	18.7	20.0	7,828	2,020	40	10
Total farm production expenditures	100.0	100.0	11,232,877	10,298,990	57,400	50,980

Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Total production expenditures		Livestock, poultry, and related expenses		Feed	
	2008	2009	2008	2009	2008	2009
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Atlantic						
North Carolina	9,250	8,670	1,230	1,370	3,290	2,740
Other States	29,630	26,840	1,830	1,670	4,960	4,290
Total	38,880	35,510	3,060	3,040	8,250	7,030
South						
Arkansas	7,130	6,750	570	640	1,680	1,830
Florida	6,780	6,050	140	120	500	400
Georgia	5,860	5,480	540	560	1,600	1,540
Other States	14,000	12,850	1,230	1,300	3,440	3,180
Total	33,770	31,130	2,480	2,620	7,220	6,950
Midwest						
Illinois	14,880	14,480	500	520	830	700
Indiana	8,210	8,400	280	260	990	1,140
Iowa	22,440	21,990	3,030	3,170	3,680	3,900
Minnesota	14,150	13,530	1,000	1,060	1,730	1,690
Missouri	7,740	7,480	520	540	770	1,050
Wisconsin	9,440	9,020	390	330	1,380	1,300
Other States	14,490	13,250	920	540	1,640	1,530
Total	91,350	88,150	6,640	6,420	11,020	11,310
Plains						
Kansas	12,970	12,240	3,100	2,820	1,900	2,080
Nebraska	16,770	15,230	4,020	3,090	2,500	2,080
Texas	22,910	20,600	4,500	3,500	4,090	4,620
Other States	21,550	19,910	1,700	2,060	1,680	1,880
Total	74,200	67,980	13,320	11,470	10,170	10,660
West						
California	32,280	29,620	780	730	5,080	4,010
Washington	7,560	6,840	130	110	700	570
Other States	28,980	28,170	1,890	1,510	4,460	4,470
Total	68,820	64,630	2,800	2,350	10,240	9,050
United States	307,020	287,400	28,300	25,900	46,900	45,000

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Total production expenditures		Livestock, poultry, and related expenses		Feed	
	2008	2009	2008	2009	2008	2009
	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)
Atlantic						
North Carolina	100.0	100.0	13.3	15.8	35.6	31.6
Other States	100.0	100.0	6.2	6.2	16.7	16.0
Total	100.0	100.0	7.9	8.6	21.2	19.8
South						
Arkansas	100.0	100.0	8.0	9.5	23.6	27.1
Florida	100.0	100.0	2.1	2.0	7.4	6.6
Georgia	100.0	100.0	9.2	10.2	27.3	28.1
Other States	100.0	100.0	8.8	10.1	24.6	24.7
Total	100.0	100.0	7.3	8.4	21.4	22.3
Midwest						
Illinois	100.0	100.0	3.4	3.6	5.6	4.8
Indiana	100.0	100.0	3.4	3.1	12.1	13.6
Iowa	100.0	100.0	13.5	14.4	16.4	17.7
Minnesota	100.0	100.0	7.1	7.8	12.2	12.5
Missouri	100.0	100.0	6.7	7.2	9.9	14.0
Wisconsin	100.0	100.0	4.1	3.7	14.6	14.4
Other States	100.0	100.0	6.3	4.1	11.3	11.5
Total	100.0	100.0	7.3	7.3	12.1	12.8
Plains						
Kansas	100.0	100.0	23.9	23.0	14.6	17.0
Nebraska	100.0	100.0	24.0	20.3	14.9	13.7
Texas	100.0	100.0	19.6	17.0	17.9	22.4
Other States	100.0	100.0	7.9	10.3	7.8	9.4
Total	100.0	100.0	18.0	16.9	13.7	15.7
West						
California	100.0	100.0	2.4	2.5	15.7	13.5
Washington	100.0	100.0	1.7	1.6	9.3	8.3
Other States	100.0	100.0	6.5	5.4	15.4	15.9
Total	100.0	100.0	4.1	3.6	14.9	14.0
United States	100.0	100.0	9.2	9.0	15.3	15.7

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Farm services		Rent		Agricultural chemicals	
	2008	2009	2008	2009	2008	2009
	(million dollars)	(million dollars)				
Atlantic						
North Carolina	820	830	190	200	280	300
Other States	3,980	3,650	930	900	690	780
Total	4,800	4,480	1,120	1,100	970	1,080
South						
Arkansas	760	810	590	550	420	420
Florida	1,110	950	160	180	370	400
Georgia	660	600	180	190	230	300
Other States	1,840	1,570	720	740	640	740
Total	4,370	3,930	1,650	1,660	1,660	1,860
Midwest						
Illinois	1,380	1,360	2,900	3,010	890	850
Indiana	760	730	1,130	1,120	430	450
Iowa	1,920	1,900	2,790	2,930	820	810
Minnesota	1,610	1,500	1,390	1,440	580	530
Missouri	770	770	930	800	310	310
Wisconsin	1,280	1,260	400	410	290	260
Other States	1,450	1,430	1,080	1,140	570	560
Total	9,170	8,950	10,620	10,850	3,890	3,770
Plains						
Kansas	1,090	1,140	1,010	1,000	460	410
Nebraska	1,410	1,350	1,650	1,680	570	510
Texas	2,790	2,490	940	930	510	450
Other States	2,910	2,650	1,930	1,910	1,150	1,010
Total	8,200	7,630	5,530	5,520	2,690	2,380
West						
California	5,680	5,690	1,420	1,440	1,340	1,280
Washington	1,490	1,430	410	350	310	340
Other States	4,290	4,290	1,650	1,680	840	790
Total	11,460	11,410	3,480	3,470	2,490	2,410
United States	38,000	36,400	22,400	22,600	11,700	11,500

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Farm services		Rent		Agricultural chemicals	
	2008	2009	2008	2009	2008	2009
	(percent of total)	(percent of total)				
Atlantic						
North Carolina	8.9	9.6	2.1	2.3	3.0	3.5
Other States	13.4	13.6	3.1	3.4	2.3	2.9
Total	12.3	12.6	2.9	3.1	2.5	3.0
South						
Arkansas	10.7	12.0	8.3	8.1	5.9	6.2
Florida	16.4	15.7	2.4	3.0	5.5	6.6
Georgia	11.3	10.9	3.1	3.5	3.9	5.5
Other States	13.1	12.2	5.1	5.8	4.6	5.8
Total	12.9	12.6	4.9	5.3	4.9	6.0
Midwest						
Illinois	9.3	9.4	19.5	20.8	6.0	5.9
Indiana	9.3	8.7	13.8	13.3	5.2	5.4
Iowa	8.6	8.6	12.4	13.3	3.7	3.7
Minnesota	11.4	11.1	9.8	10.6	4.1	3.9
Missouri	9.9	10.3	12.0	10.7	4.0	4.1
Wisconsin	13.6	14.0	4.2	4.5	3.1	2.9
Other States	10.0	10.8	7.5	8.6	3.9	4.2
Total	10.0	10.2	11.6	12.3	4.3	4.3
Plains						
Kansas	8.4	9.3	7.8	8.2	3.5	3.3
Nebraska	8.4	8.9	9.8	11.0	3.4	3.3
Texas	12.2	12.1	4.1	4.5	2.2	2.2
Other States	13.5	13.3	9.0	9.6	5.3	5.1
Total	11.1	11.2	7.5	8.1	3.6	3.5
West						
California	17.6	19.2	4.4	4.9	4.2	4.3
Washington	19.7	20.9	5.4	5.1	4.1	5.0
Other States	14.8	15.2	5.7	6.0	2.9	2.8
Total	16.7	17.7	5.1	5.4	3.6	3.7
United States	12.4	12.7	7.3	7.9	3.8	4.0

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Fertilizer lime and soil conditioners		Interest		Taxes (real estate and property)	
	2008	2009	2008	2009	2008	2009
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Atlantic						
North Carolina	410	410	210	220	280	240
Other States	1,680	1,370	1,280	1,060	1,490	1,310
Total	2,090	1,780	1,490	1,280	1,770	1,550
South						
Arkansas	550	380	260	220	120	130
Florida	430	450	180	170	210	230
Georgia	390	420	230	190	170	170
Other States	950	780	390	330	290	270
Total	2,320	2,030	1,060	910	790	800
Midwest						
Illinois	1,950	1,870	640	560	540	540
Indiana	1,110	1,060	350	350	380	350
Iowa	1,870	1,710	900	860	670	670
Minnesota	1,320	1,260	630	580	470	480
Missouri	790	720	410	330	330	310
Wisconsin	580	580	520	450	360	380
Other States	1,490	1,360	590	600	520	540
Total	9,110	8,560	4,040	3,730	3,270	3,270
Plains						
Kansas	1,010	800	410	410	410	400
Nebraska	1,170	1,210	580	550	670	710
Texas	1,080	900	760	650	890	960
Other States	2,210	1,740	930	890	710	700
Total	5,470	4,650	2,680	2,500	2,680	2,770
West						
California	1,500	1,240	1,020	1,090	900	870
Washington	360	360	260	230	320	240
Other States	1,650	1,480	1,450	1,260	970	900
Total	3,510	3,080	2,730	2,580	2,190	2,010
United States	22,500	20,100	12,000	11,000	10,700	10,400

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Fertilizer lime and soil conditioners		Interest		Taxes (real estate and property)	
	2008	2009	2008	2009	2008	2009
	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)
Atlantic						
North Carolina	4.4	4.7	2.3	2.5	3.0	2.8
Other States	5.7	5.1	4.3	3.9	5.0	4.9
Total	5.4	5.0	3.8	3.6	4.6	4.4
South						
Arkansas	7.7	5.6	3.6	3.3	1.7	1.9
Florida	6.3	7.4	2.7	2.8	3.1	3.8
Georgia	6.7	7.7	3.9	3.5	2.9	3.1
Other States	6.8	6.1	2.8	2.6	2.1	2.1
Total	6.9	6.5	3.1	2.9	2.3	2.6
Midwest						
Illinois	13.1	12.9	4.3	3.9	3.6	3.7
Indiana	13.5	12.6	4.3	4.2	4.6	4.2
Iowa	8.3	7.8	4.0	3.9	3.0	3.0
Minnesota	9.3	9.3	4.5	4.3	3.3	3.5
Missouri	10.2	9.6	5.3	4.4	4.3	4.1
Wisconsin	6.1	6.4	5.5	5.0	3.8	4.2
Other States	10.3	10.3	4.1	4.5	3.6	4.1
Total	10.0	9.7	4.4	4.2	3.6	3.7
Plains						
Kansas	7.8	6.5	3.2	3.3	3.2	3.3
Nebraska	7.0	7.9	3.5	3.6	4.0	4.7
Texas	4.7	4.4	3.3	3.2	3.9	4.7
Other States	10.3	8.7	4.3	4.5	3.3	3.5
Total	7.4	6.8	3.6	3.7	3.6	4.1
West						
California	4.6	4.2	3.2	3.7	2.8	2.9
Washington	4.8	5.3	3.4	3.4	4.2	3.5
Other States	5.7	5.3	5.0	4.5	3.3	3.2
Total	5.1	4.8	4.0	4.0	3.2	3.1
United States	7.3	7.0	3.9	3.8	3.5	3.6

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Labor		Fuels		Farm supplies and repairs	
	2008	2009	2008	2009	2008	2009
	(million dollars)	(million dollars)				
Atlantic						
North Carolina	830	770	440	360	330	370
Other States	3,280	3,160	1,540	1,220	1,850	1,920
Total	4,110	3,930	1,980	1,580	2,180	2,290
South						
Arkansas	310	280	510	360	270	280
Florida	2,080	1,760	310	280	460	340
Georgia	520	440	340	270	250	240
Other States	840	770	800	630	660	590
Total	3,750	3,250	1,960	1,540	1,640	1,450
Midwest						
Illinois	610	560	770	650	650	660
Indiana	360	360	430	370	400	390
Iowa	660	630	960	750	850	840
Minnesota	600	740	880	720	790	760
Missouri	300	330	460	390	420	400
Wisconsin	970	920	520	420	690	690
Other States	1,180	1,180	730	590	820	840
Total	4,680	4,720	4,750	3,890	4,620	4,580
Plains						
Kansas	560	470	700	500	550	560
Nebraska	610	610	730	580	680	730
Texas	1,720	1,520	1,300	940	910	880
Other States	1,070	820	1,350	1,010	1,150	1,090
Total	3,960	3,420	4,080	3,030	3,290	3,260
West						
California	7,880	7,850	1,300	880	1,720	1,680
Washington	1,560	1,560	340	280	670	450
Other States	3,760	4,070	1,590	1,200	1,780	1,790
Total	13,200	13,480	3,230	2,360	4,170	3,920
United States	29,700	28,800	16,000	12,400	15,900	15,500

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Labor		Fuels		Farm supplies and repairs	
	2008	2009	2008	2009	2008	2009
	(percent of total)	(percent of total)				
Atlantic						
North Carolina	9.0	8.9	4.8	4.2	3.6	4.3
Other States	11.1	11.8	5.2	4.5	6.2	7.2
Total	10.6	11.1	5.1	4.4	5.6	6.4
South						
Arkansas	4.3	4.1	7.2	5.3	3.8	4.1
Florida	30.7	29.1	4.6	4.6	6.8	5.6
Georgia	8.9	8.0	5.8	4.9	4.3	4.4
Other States	6.0	6.0	5.7	4.9	4.7	4.6
Total	11.1	10.4	5.8	4.9	4.9	4.7
Midwest						
Illinois	4.1	3.9	5.2	4.5	4.4	4.6
Indiana	4.4	4.3	5.2	4.4	4.9	4.6
Iowa	2.9	2.9	4.3	3.4	3.8	3.8
Minnesota	4.2	5.5	6.2	5.3	5.6	5.6
Missouri	3.9	4.4	5.9	5.2	5.4	5.3
Wisconsin	10.3	10.2	5.5	4.7	7.3	7.6
Other States	8.1	8.9	5.0	4.5	5.7	6.3
Total	5.1	5.4	5.2	4.4	5.1	5.2
Plains						
Kansas	4.3	3.8	5.4	4.1	4.2	4.6
Nebraska	3.6	4.0	4.4	3.8	4.1	4.8
Texas	7.5	7.4	5.7	4.6	4.0	4.3
Other States	5.0	4.1	6.3	5.1	5.3	5.5
Total	5.3	5.0	5.5	4.5	4.4	4.8
West						
California	24.4	26.5	4.0	3.0	5.3	5.7
Washington	20.6	22.8	4.5	4.1	8.9	6.6
Other States	13.0	14.4	5.5	4.3	6.1	6.4
Total	19.2	20.9	4.7	3.7	6.1	6.1
United States	9.7	10.0	5.2	4.3	5.2	5.4

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Farm improvements and construction		Tractors and self propelled farm machinery		Other farm machinery	
	2008	2009	2008	2009	2008	2009
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Atlantic						
North Carolina	260	290	170	140	70	70
Other States	2,360	2,250	1,180	960	710	480
Total	2,620	2,540	1,350	1,100	780	550
South						
Arkansas	260	180	240	140	120	60
Florida	220	230	90	80	30	30
Georgia	220	140	130	90	50	30
Other States	650	410	530	530	150	150
Total	1,350	960	990	840	350	270
Midwest						
Illinois	640	590	780	600	330	320
Indiana	360	430	280	290	170	190
Iowa	1,180	890	880	740	580	400
Minnesota	820	620	640	460	420	300
Missouri	560	430	390	290	200	150
Wisconsin	670	770	430	360	290	240
Other States	990	750	860	610	450	340
Total	5,220	4,480	4,260	3,350	2,440	1,940
Plains						
Kansas	440	380	440	400	240	200
Nebraska	520	470	440	380	250	220
Texas	1,150	920	960	690	340	270
Other States	1,060	910	1,170	1,040	730	600
Total	3,170	2,680	3,010	2,510	1,560	1,290
West						
California	1,480	1,030	400	410	160	170
Washington	380	380	200	160	90	60
Other States	1,580	2,030	1,190	930	520	420
Total	3,440	3,440	1,790	1,500	770	650
United States	15,800	14,100	11,400	9,300	5,900	4,700

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Farm improvements and construction		Tractors and self propelled farm machinery		Other farm machinery	
	2008	2009	2008	2009	2008	2009
	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)
Atlantic						
North Carolina	2.8	3.3	1.8	1.6	0.8	0.8
Other States	8.0	8.4	4.0	3.6	2.4	1.8
Total	6.7	7.2	3.5	3.1	2.0	1.5
South						
Arkansas	3.6	2.7	3.4	2.1	1.7	0.9
Florida	3.2	3.8	1.3	1.3	0.4	0.5
Georgia	3.8	2.6	2.2	1.6	0.9	0.5
Other States	4.6	3.2	3.8	4.1	1.1	1.2
Total	4.0	3.1	2.9	2.7	1.0	0.9
Midwest						
Illinois	4.3	4.1	5.2	4.1	2.2	2.2
Indiana	4.4	5.1	3.4	3.5	2.1	2.3
Iowa	5.3	4.0	3.9	3.4	2.6	1.8
Minnesota	5.8	4.6	4.5	3.4	3.0	2.2
Missouri	7.2	5.7	5.0	3.9	2.6	2.0
Wisconsin	7.1	8.5	4.6	4.0	3.1	2.7
Other States	6.8	5.7	5.9	4.6	3.1	2.6
Total	5.7	5.1	4.7	3.8	2.7	2.2
Plains						
Kansas	3.4	3.1	3.4	3.3	1.9	1.6
Nebraska	3.1	3.1	2.6	2.5	1.5	1.4
Texas	5.0	4.5	4.2	3.3	1.5	1.3
Other States	4.9	4.6	5.4	5.2	3.4	3.0
Total	4.3	3.9	4.1	3.7	2.1	1.9
West						
California	4.6	3.5	1.2	1.4	0.5	0.6
Washington	5.0	5.6	2.6	2.3	1.2	0.9
Other States	5.5	7.2	4.1	3.3	1.8	1.5
Total	5.0	5.3	2.6	2.3	1.1	1.0
United States	5.1	4.9	3.7	3.2	1.9	1.6

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Seeds and plants		Trucks and autos		Misc. capital expenses	
	2008	2009	2008	2009	2008	2009
	(million dollars)	(million dollars)				
Atlantic						
North Carolina	350	290	80	70	10	0
Other States	1,350	1,310	500	480	20	30
Total	1,700	1,600	580	550	30	30
South						
Arkansas	340	390	130	80	0	0
Florida	420	390	60	40	10	0
Georgia	270	250	80	50	0	0
Other States	600	560	270	290	0	10
Total	1,630	1,590	540	460	10	10
Midwest						
Illinois	1,270	1,520	190	160	10	10
Indiana	670	790	100	110	10	10
Iowa	1,350	1,540	290	240	10	10
Minnesota	1,030	1,200	220	180	20	10
Missouri	460	580	110	80	10	0
Wisconsin	500	500	160	140	10	10
Other States	1,000	1,050	200	180	0	10
Total	6,280	7,180	1,270	1,090	70	60
Plains						
Kansas	450	490	190	170	10	10
Nebraska	760	860	200	190	10	10
Texas	600	550	360	320	10	10
Other States	1,290	1,180	500	410	10	10
Total	3,100	3,080	1,250	1,090	40	40
West						
California	1,380	980	230	250	10	20
Washington	240	230	90	80	10	10
Other States	770	840	540	480	50	30
Total	2,390	2,050	860	810	70	60
United States	15,100	15,500	4,500	4,000	220	200

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Farm Production Expenditures by Total and Geographical Location—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

State and region	Seeds and plants		Trucks and autos		Misc. capital expenses	
	2008 (percent of total)	2009 (percent of total)	2008 (percent of total)	2009 (percent of total)	2008 (percent of total)	2009 (percent of total)
Atlantic						
North Carolina	3.8	3.3	0.9	0.8	0.1	0.0
Other States	4.6	4.9	1.7	1.8	0.1	0.1
Total	4.4	4.5	1.5	1.5	0.1	0.1
South						
Arkansas	4.8	5.8	1.8	1.2	0.0	0.0
Florida	6.2	6.4	0.9	0.7	0.1	0.0
Georgia	4.6	4.6	1.4	0.9	0.0	0.0
Other States	4.3	4.4	1.9	2.3	0.0	0.1
Total	4.8	5.1	1.6	1.5	0.0	0.0
Midwest						
Illinois	8.5	10.5	1.3	1.1	0.1	0.1
Indiana	8.2	9.4	1.2	1.3	0.1	0.1
Iowa	6.0	7.0	1.3	1.1	0.0	0.0
Minnesota	7.3	8.9	1.6	1.3	0.1	0.1
Missouri	5.9	7.8	1.4	1.1	0.1	0.0
Wisconsin	5.3	5.5	1.7	1.6	0.1	0.1
Other States	6.9	7.9	1.4	1.4	0.0	0.1
Total	6.9	8.1	1.4	1.2	0.1	0.1
Plains						
Kansas	3.5	4.0	1.5	1.4	0.1	0.1
Nebraska	4.5	5.6	1.2	1.2	0.1	0.1
Texas	2.6	2.7	1.6	1.6	0.0	0.0
Other States	6.0	5.9	2.3	2.1	0.0	0.1
Total	4.2	4.5	1.7	1.6	0.1	0.1
West						
California	4.3	3.3	0.7	0.8	0.0	0.1
Washington	3.2	3.4	1.2	1.2	0.1	0.1
Other States	2.7	3.0	1.9	1.7	0.2	0.1
Total	3.5	3.2	1.2	1.3	0.1	0.1
United States	4.9	5.4	1.5	1.4	0.1	0.1

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Atlantic Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	25.5	24.9	6,870	6,828	3,060	3,040
Feed	64.5	62.7	18,522	15,789	8,250	7,030
Farm services	95.9	94.5	10,776	10,062	4,800	4,480
Rent	19.6	22.7	2,514	2,471	1,120	1,100
Agricultural chemicals	39.3	40.4	2,178	2,426	970	1,080
Fertilizer, lime and soil conditioners	57.3	51.2	4,692	3,998	2,090	1,780
Interest	31.9	30.7	3,345	2,875	1,490	1,280
Taxes	100.0	99.9	3,974	3,481	1,770	1,550
Labor	26.8	27.1	9,227	8,827	4,110	3,930
Fuels	91.3	86.7	4,445	3,549	1,980	1,580
Farm supplies and repairs	89.7	86.6	4,894	5,143	2,180	2,290
Farm improvements and construction	56.5	52.6	5,882	5,705	2,620	2,540
Tractors and self-propelled farm machinery	17.7	15.6	3,031	2,471	1,350	1,100
Other farm machinery	23.4	17.2	1,751	1,235	780	550
Seeds and plants	44.6	40.1	3,817	3,593	1,700	1,600
Trucks and autos	16.5	15.4	1,302	1,235	580	550
Miscellaneous capital expenses	6.5	6.2	67	67	30	30
Total farm production expenditures	100.0	100.0	87,288	79,753	38,880	35,510

Total Farm Production Expenditures by Year—Atlantic Region: 2005-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	2005	2006	2007	2008	2009
	(million dollars)				
Livestock, poultry and related expenses	2,600	2,740	2,910	3,060	3,040
Feed	5,150	5,270	6,730	8,250	7,030
Farm services	3,640	3,870	4,480	4,800	4,480
Rent	960	950	1,060	1,120	1,100
Agricultural chemicals	800	830	980	970	1,080
Fertilizer, lime and soil conditioners	1,290	1,400	1,620	2,090	1,780
Interest	1,120	1,260	1,500	1,490	1,280
Taxes	1,210	1,360	1,600	1,770	1,550
Labor	3,190	3,620	4,400	4,110	3,930
Fuels	1,310	1,460	1,760	1,980	1,580
Farm supplies and repairs	1,920	2,010	2,340	2,180	2,290
Farm improvements and construction	2,690	2,590	2,750	2,620	2,540
Tractors and self-propelled farm machinery	1,080	1,020	1,020	1,350	1,100
Other farm machinery	620	580	600	780	550
Seeds and plants	1,170	1,240	1,540	1,700	1,600
Trucks and autos	740	630	540	580	550
Miscellaneous capital expenses	50	20	50	30	30
Total farm production expenditures	29,540	30,850	35,880	38,880	35,510

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—North Carolina: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	23.0	30.1	23,429	26,145	1,230	1,370
Feed	54.5	59.8	62,667	52,290	3,290	2,740
Farm services	87.4	91.7	15,619	15,840	820	830
Rent	27.8	26.8	3,619	3,817	190	200
Agricultural chemicals	52.9	48.3	5,333	5,725	280	300
Fertilizer, lime and soil conditioners	67.5	60.8	7,810	7,824	410	410
Interest	27.3	29.1	4,000	4,198	210	220
Taxes	100.0	100.0	5,333	4,580	280	240
Labor	27.5	29.8	15,810	14,695	830	770
Fuels	90.6	86.5	8,381	6,870	440	360
Farm supplies and repairs	83.5	90.0	6,286	7,061	330	370
Farm improvements and construction	50.7	56.6	4,952	5,534	260	290
Tractors and self-propelled farm machinery	22.6	24.9	3,238	2,672	170	140
Other farm machinery	24.8	24.6	1,333	1,336	70	70
Seeds and plants	48.7	41.2	6,667	5,534	350	290
Trucks and autos	22.4	23.1	1,524	1,336	80	70
Miscellaneous capital expenses	16.4	15.6	190	0	10	0
Total farm production expenditures	100.0	100.0	176,190	165,458	9,250	8,670

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—All Other States, Atlantic Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	25.8	24.2	4,657	4,251	1,830	1,670
Feed	65.8	63.1	12,623	10,920	4,960	4,290
Farm services	97.0	94.9	10,129	9,291	3,980	3,650
Rent	18.5	22.2	2,367	2,291	930	900
Agricultural chemicals	37.5	39.3	1,756	1,985	690	780
Fertilizer, lime and soil conditioners	55.9	49.9	4,276	3,487	1,680	1,370
Interest	32.5	30.9	3,258	2,698	1,280	1,060
Taxes	100.0	99.8	3,792	3,335	1,490	1,310
Labor	26.7	26.7	8,348	8,044	3,280	3,160
Fuels	91.4	86.8	3,919	3,106	1,540	1,220
Farm supplies and repairs	90.5	86.2	4,708	4,887	1,850	1,920
Farm improvements and construction	57.2	52.1	6,006	5,727	2,360	2,250
Tractors and self-propelled farm machinery	17.0	14.3	3,003	2,444	1,180	960
Other farm machinery	23.3	16.2	1,807	1,222	710	480
Seeds and plants	44.0	40.0	3,436	3,335	1,350	1,310
Trucks and autos	15.8	14.3	1,273	1,222	500	480
Miscellaneous capital expenses	5.1	4.9	51	76	20	30
Total farm production expenditures	100.0	100.0	75,410	68,321	29,630	26,840

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—South Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	22.6	22.4	8,493	8,973	2,480	2,620
Feed	63.1	63.6	24,726	23,801	7,220	6,950
Farm services	93.6	92.1	14,966	13,459	4,370	3,930
Rent	19.4	19.8	5,651	5,685	1,650	1,660
Agricultural chemicals	43.6	39.9	5,685	6,370	1,660	1,860
Fertilizer, lime and soil conditioners	54.8	51.0	7,945	6,952	2,320	2,030
Interest	32.1	27.0	3,630	3,116	1,060	910
Taxes	98.2	98.6	2,705	2,740	790	800
Labor	30.1	26.9	12,842	11,130	3,750	3,250
Fuels	85.6	84.2	6,712	5,274	1,960	1,540
Farm supplies and repairs	81.5	79.0	5,616	4,966	1,640	1,450
Farm improvements and construction	50.6	47.0	4,623	3,288	1,350	960
Tractors and self-propelled farm machinery	17.8	15.5	3,390	2,877	990	840
Other farm machinery	18.2	14.7	1,199	925	350	270
Seeds and plants	33.0	28.9	5,582	5,445	1,630	1,590
Trucks and autos	20.4	15.6	1,849	1,575	540	460
Miscellaneous capital expenses	9.3	8.0	34	34	10	10
Total farm production expenditures	100.0	100.0	115,651	106,610	33,770	31,130

Total Farm Production Expenditures by Year—South Region: 2005-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	2005	2006	2007	2008	2009
	(million dollars)				
Livestock, poultry and related expenses	2,240	2,300	2,180	2,480	2,620
Feed	4,600	5,500	6,290	7,220	6,950
Farm services	3,580	3,930	4,560	4,370	3,930
Rent	1,130	1,260	1,560	1,650	1,660
Agricultural chemicals	1,310	1,400	1,670	1,660	1,860
Fertilizer, lime and soil conditioners	1,440	1,440	2,030	2,320	2,030
Interest	910	890	1,150	1,060	910
Taxes	610	630	830	790	800
Labor	2,790	3,050	3,610	3,750	3,250
Fuels	1,280	1,410	1,760	1,960	1,540
Farm supplies and repairs	1,350	1,430	1,630	1,640	1,450
Farm improvements and construction	1,210	1,130	1,240	1,350	960
Tractors and self-propelled farm machinery	960	770	920	990	840
Other farm machinery	310	320	310	350	270
Seeds and plants	1,270	1,430	1,480	1,630	1,590
Trucks and autos	550	410	510	540	460
Miscellaneous capital expenses	10	10	10	10	10
Total farm production expenditures	25,550	27,310	31,740	33,770	31,130

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Arkansas: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	36.1	30.8	11,562	13,035	570	640
Feed	69.4	68.8	34,077	37,271	1,680	1,830
Farm services	97.8	96.6	15,416	16,497	760	810
Rent	22.7	26.5	11,968	11,202	590	550
Agricultural chemicals	37.2	37.6	8,519	8,554	420	420
Fertilizer, lime and soil conditioners	34.4	43.8	11,156	7,739	550	380
Interest	43.3	34.7	5,274	4,481	260	220
Taxes	100.0	100.0	2,434	2,648	120	130
Labor	23.7	29.0	6,288	5,703	310	280
Fuels	85.1	83.8	10,345	7,332	510	360
Farm supplies and repairs	83.3	83.0	5,477	5,703	270	280
Farm improvements and construction	56.9	50.2	5,274	3,666	260	180
Tractors and self-propelled farm machinery	26.3	21.1	4,868	2,851	240	140
Other farm machinery	30.1	20.6	2,434	1,222	120	60
Seeds and plants	18.4	19.7	6,897	7,943	340	390
Trucks and autos	31.7	20.3	2,637	1,629	130	80
Miscellaneous capital expenses	19.9	16.0	0	0	0	0
Total farm production expenditures	100.0	100.0	144,625	137,475	7,130	6,750

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Florida: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	12.4	15.6	2,947	2,526	140	120
Feed	62.6	62.0	10,526	8,421	500	400
Farm services	94.2	95.2	23,368	20,000	1,110	950
Rent	8.6	12.6	3,368	3,789	160	180
Agricultural chemicals	48.6	47.5	7,789	8,421	370	400
Fertilizer, lime and soil conditioners	61.7	59.9	9,053	9,474	430	450
Interest	23.4	22.9	3,789	3,579	180	170
Taxes	100.0	99.9	4,421	4,842	210	230
Labor	34.4	30.0	43,789	37,053	2,080	1,760
Fuels	86.7	84.1	6,526	5,895	310	280
Farm supplies and repairs	78.8	83.1	9,684	7,158	460	340
Farm improvements and construction	47.3	53.8	4,632	4,842	220	230
Tractors and self-propelled farm machinery	14.9	13.8	1,895	1,684	90	80
Other farm machinery	15.4	11.4	632	632	30	30
Seeds and plants	27.9	28.6	8,842	8,211	420	390
Trucks and autos	14.3	11.7	1,263	842	60	40
Miscellaneous capital expenses	11.0	10.2	211	0	10	0
Total farm production expenditures	100.0	100.0	142,737	127,368	6,780	6,050

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Georgia: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	17.4	19.9	11,297	11,765	540	560
Feed	55.8	59.1	33,473	32,353	1,600	1,540
Farm services	94.5	87.7	13,808	12,605	660	600
Rent	22.2	21.8	3,766	3,992	180	190
Agricultural chemicals	45.8	36.2	4,812	6,303	230	300
Fertilizer, lime and soil conditioners	63.3	53.2	8,159	8,824	390	420
Interest	32.0	26.1	4,812	3,992	230	190
Taxes	100.0	100.0	3,556	3,571	170	170
Labor	29.4	29.2	10,879	9,244	520	440
Fuels	84.0	83.5	7,113	5,672	340	270
Farm supplies and repairs	86.0	71.9	5,230	5,042	250	240
Farm improvements and construction	57.3	41.2	4,603	2,941	220	140
Tractors and self-propelled farm machinery	20.9	15.9	2,720	1,891	130	90
Other farm machinery	22.8	16.0	1,046	630	50	30
Seeds and plants	37.1	30.1	5,649	5,252	270	250
Trucks and autos	23.7	15.3	1,674	1,050	80	50
Miscellaneous capital expenses	15.8	13.7	0	0	0	0
Total farm production expenditures	100.0	100.0	122,594	115,126	5,860	5,480

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—All Other States, South Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	23.1	22.7	8,345	8,796	1,230	1,300
Feed	63.6	63.9	23,338	21,516	3,440	3,180
Farm services	91.7	91.0	12,483	10,622	1,840	1,570
Rent	20.9	19.2	4,885	5,007	720	740
Agricultural chemicals	43.3	39.5	4,342	5,007	640	740
Fertilizer, lime & soil conditioners	56.5	49.9	6,445	5,277	950	780
Interest	31.1	26.0	2,646	2,233	390	330
Taxes	96.5	97.3	1,967	1,827	290	270
Labor	31.1	24.6	5,699	5,210	840	770
Fuels	85.9	84.7	5,427	4,263	800	630
Farm supplies and repairs	80.3	78.6	4,478	3,992	660	590
Farm improvements and construction	47.3	45.7	4,410	2,774	650	410
Tractors and self-propelled farm machinery	15.0	14.1	3,596	3,586	530	530
Other farm machinery	13.6	13.3	1,018	1,015	150	150
Seeds and plants	38.1	31.6	4,071	3,789	600	560
Trucks and autos	17.5	15.5	1,832	1,962	270	290
Miscellaneous capital expenses	3.1	2.7	0	68	0	10
Total farm production expenditures	100.0	100.0	94,980	86,942	14,000	12,850

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Midwest Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	23.5	23.7	10,599	10,246	6,640	6,420
Feed	50.2	47.6	17,590	18,050	11,020	11,310
Farm services	92.6	90.8	14,637	14,283	9,170	8,950
Rent	33.5	34.0	16,951	17,316	10,620	10,850
Agricultural chemicals	52.4	50.7	6,209	6,017	3,890	3,770
Fertilizer, lime and soil conditioners	56.8	51.8	14,541	13,661	9,110	8,560
Interest	46.3	43.6	6,449	5,953	4,040	3,730
Taxes	100.0	99.8	5,219	5,219	3,270	3,270
Labor	26.3	24.4	7,470	7,533	4,680	4,720
Fuels	82.4	79.9	7,582	6,208	4,750	3,890
Farm supplies and repairs	82.1	79.8	7,374	7,309	4,620	4,580
Farm improvements and construction	57.1	55.9	8,332	7,150	5,220	4,480
Tractors and self-propelled farm machinery	29.0	25.1	6,800	5,346	4,260	3,350
Other farm machinery	31.5	29.6	3,895	3,096	2,440	1,940
Seeds and plants	52.7	50.7	10,024	11,459	6,280	7,180
Trucks and autos	27.9	24.4	2,027	1,740	1,270	1,090
Miscellaneous capital expenses	19.5	18.2	112	96	70	60
Total farm production expenditures	100.0	100.0	145,810	140,680	91,350	88,150

Total Farm Production Expenditures by Year—Midwest Region: 2005-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	2005	2006	2007	2008	2009
	(million dollars)				
Livestock, poultry and related expenses	4,830	5,390	6,800	6,640	6,420
Feed	6,550	6,520	9,690	11,020	11,310
Farm services	6,980	7,000	8,970	9,170	8,950
Rent	7,640	8,310	8,970	10,620	10,850
Agricultural chemicals	2,870	2,860	3,450	3,890	3,770
Fertilizer, lime and soil conditioners	4,870	4,950	7,010	9,110	8,560
Interest	3,240	3,600	3,980	4,040	3,730
Taxes	2,700	2,990	3,280	3,270	3,270
Labor	3,570	3,590	4,920	4,680	4,720
Fuels	2,780	3,070	3,840	4,750	3,890
Farm supplies and repairs	3,580	3,730	4,490	4,620	4,580
Farm improvements and construction	3,720	3,520	4,160	5,220	4,480
Tractors and self-propelled farm machinery	3,190	2,690	3,030	4,260	3,350
Other farm machinery	1,660	1,490	1,690	2,440	1,940
Seeds and plants	4,110	4,280	5,180	6,280	7,180
Trucks and autos	1,090	980	1,170	1,270	1,090
Miscellaneous capital expenses	90	70	80	70	60
Total farm production expenditures	63,470	65,040	80,710	91,350	88,150

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Illinois: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	15.6	19.1	6,588	6,860	500	520
Feed	36.8	35.6	10,935	9,235	830	700
Farm services	89.1	90.4	18,182	17,942	1,380	1,360
Rent	38.7	42.7	38,208	39,710	2,900	3,010
Agricultural chemicals	54.7	56.3	11,726	11,214	890	850
Fertilizer, lime and soil conditioners	59.7	56.8	25,692	24,670	1,950	1,870
Interest	47.6	41.5	8,432	7,388	640	560
Taxes	100.0	100.0	7,115	7,124	540	540
Labor	29.2	26.6	8,037	7,388	610	560
Fuels	81.7	75.8	10,145	8,575	770	650
Farm supplies and repairs	83.3	73.9	8,564	8,707	650	660
Farm improvements and construction	53.1	53.1	8,432	7,784	640	590
Tractors and self-propelled farm machinery	29.8	25.2	10,277	7,916	780	600
Other farm machinery	29.8	29.8	4,348	4,222	330	320
Seeds and plants	57.4	58.9	16,733	20,053	1,270	1,520
Trucks and autos	29.0	27.9	2,503	2,111	190	160
Miscellaneous capital expenses	18.9	19.1	132	132	10	10
Total farm production expenditures	100.0	100.0	196,047	191,029	14,880	14,480

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Indiana: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	21.1	27.2	4,590	4,228	280	260
Feed	49.5	54.8	16,230	18,537	990	1,140
Farm services	94.3	94.8	12,459	11,870	760	730
Rent	32.2	30.3	18,525	18,211	1,130	1,120
Agricultural chemicals	53.6	52.6	7,049	7,317	430	450
Fertilizer, lime and soil conditioners	59.7	59.9	18,197	17,236	1,110	1,060
Interest	45.9	44.6	5,738	5,691	350	350
Taxes	100.0	100.0	6,230	5,691	380	350
Labor	25.6	21.8	5,902	5,854	360	360
Fuels	75.7	82.5	7,049	6,016	430	370
Farm supplies and repairs	81.0	84.6	6,557	6,341	400	390
Farm improvements and construction	56.5	61.9	5,902	6,992	360	430
Tractors and self-propelled farm machinery	24.6	24.1	4,590	4,715	280	290
Other farm machinery	27.7	29.3	2,787	3,089	170	190
Seeds and plants	55.2	54.1	10,984	12,846	670	790
Trucks and autos	26.3	24.4	1,639	1,789	100	110
Miscellaneous capital expenses	21.6	21.7	164	163	10	10
Total farm production expenditures	100.0	100.0	134,590	136,585	8,210	8,400

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Iowa: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	23.7	23.2	32,721	34,233	3,030	3,170
Feed	40.2	35.8	39,741	42,117	3,680	3,900
Farm services	94.1	90.8	20,734	20,518	1,920	1,900
Rent	41.6	42.3	30,130	31,641	2,790	2,930
Agricultural chemicals	59.1	64.9	8,855	8,747	820	810
Fertilizer, lime and soil conditioners	59.6	61.8	20,194	18,467	1,870	1,710
Interest	55.2	54.0	9,719	9,287	900	860
Taxes	99.9	100.0	7,235	7,235	670	670
Labor	27.7	25.6	7,127	6,803	660	630
Fuels	76.7	79.0	10,367	8,099	960	750
Farm supplies and repairs	75.2	77.0	9,179	9,071	850	840
Farm improvements and construction	60.4	60.2	12,743	9,611	1,180	890
Tractors and self-propelled farm machinery	36.6	34.6	9,503	7,991	880	740
Other farm machinery	38.7	37.0	6,263	4,320	580	400
Seeds and plants	61.3	65.0	14,579	16,631	1,350	1,540
Trucks and autos	36.4	35.2	3,132	2,592	290	240
Miscellaneous capital expenses	24.2	25.5	108	108	10	10
Total farm production expenditures	100.0	100.0	242,333	237,473	22,440	21,990

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Minnesota: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	23.9	25.9	12,346	13,086	1,000	1,060
Feed	42.9	46.3	21,358	20,864	1,730	1,690
Farm services	90.6	90.5	19,877	18,519	1,610	1,500
Rent	39.3	40.1	17,160	17,778	1,390	1,440
Agricultural chemicals	54.9	52.7	7,160	6,543	580	530
Fertilizer, lime and soil conditioners	53.5	50.3	16,296	15,556	1,320	1,260
Interest	46.7	49.7	7,778	7,160	630	580
Taxes	100.0	100.0	5,802	5,926	470	480
Labor	27.2	26.3	7,407	9,136	600	740
Fuels	81.3	76.8	10,864	8,889	880	720
Farm supplies and repairs	80.6	77.4	9,753	9,383	790	760
Farm improvements and construction	56.9	56.3	10,123	7,654	820	620
Tractors and self-propelled farm machinery	33.7	30.4	7,901	5,679	640	460
Other farm machinery	35.3	33.2	5,185	3,704	420	300
Seeds and plants	54.7	56.4	12,716	14,815	1,030	1,200
Trucks and autos	32.7	26.4	2,716	2,222	220	180
Miscellaneous capital expenses	27.5	22.0	247	123	20	10
Total farm production expenditures	100.0	100.0	174,691	167,037	14,150	13,530

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Missouri: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	25.9	25.7	4,815	5,000	520	540
Feed	63.8	53.8	7,130	9,722	770	1,050
Farm services	95.0	85.9	7,130	7,130	770	770
Rent	24.4	24.7	8,611	7,407	930	800
Agricultural chemicals	41.3	34.0	2,870	2,870	310	310
Fertilizer, lime and soil conditioners	49.7	39.8	7,315	6,667	790	720
Interest	40.2	29.5	3,796	3,056	410	330
Taxes	100.0	100.0	3,056	2,870	330	310
Labor	24.1	18.1	2,778	3,056	300	330
Fuels	83.3	75.1	4,259	3,611	460	390
Farm supplies and repairs	80.2	73.3	3,889	3,704	420	400
Farm improvements and construction	55.3	45.0	5,185	3,981	560	430
Tractors and self-propelled farm machinery	26.9	21.6	3,611	2,685	390	290
Other farm machinery	28.4	22.7	1,852	1,389	200	150
Seeds and plants	35.3	28.0	4,259	5,370	460	580
Trucks and autos	26.8	19.4	1,019	741	110	80
Miscellaneous capital expenses	20.7	16.4	93	0	10	0
Total farm production expenditures	100.0	100.0	71,667	69,259	7,740	7,480

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Wisconsin: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	26.8	29.4	5,000	4,231	390	330
Feed	60.0	59.7	17,692	16,667	1,380	1,300
Farm services	93.3	93.5	16,410	16,154	1,280	1,260
Rent	30.6	34.7	5,128	5,256	400	410
Agricultural chemicals	50.9	58.3	3,718	3,333	290	260
Fertilizer, lime and soil conditioners	55.1	53.7	7,436	7,436	580	580
Interest	51.3	48.3	6,667	5,769	520	450
Taxes	99.9	100.0	4,615	4,872	360	380
Labor	30.4	29.3	12,436	11,795	970	920
Fuels	82.5	85.4	6,667	5,385	520	420
Farm supplies and repairs	86.9	84.4	8,846	8,846	690	690
Farm improvements and construction	67.3	66.6	8,590	9,872	670	770
Tractors and self-propelled farm machinery	31.0	31.3	5,513	4,615	430	360
Other farm machinery	34.3	34.6	3,718	3,077	290	240
Seeds and plants	56.5	59.1	6,410	6,410	500	500
Trucks and autos	31.6	30.5	2,051	1,795	160	140
Miscellaneous capital expenses	24.5	27.1	128	128	10	10
Total farm production expenditures	100.0	100.0	121,026	115,641	9,440	9,020

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—All Other States, Midwest Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	24.8	18.7	7,077	4,163	920	540
Feed	53.1	47.8	12,615	11,796	1,640	1,530
Farm services	91.7	92.0	11,154	11,025	1,450	1,430
Rent	30.8	28.3	8,308	8,790	1,080	1,140
Agricultural chemicals	54.0	44.5	4,385	4,318	570	560
Fertilizer, lime and soil conditioners	60.7	47.5	11,462	10,486	1,490	1,360
Interest	41.0	42.1	4,538	4,626	590	600
Taxes	100.0	99.2	4,000	4,163	520	540
Labor	22.5	24.4	9,077	9,098	1,180	1,180
Fuels	89.8	84.3	5,615	4,549	730	590
Farm supplies and repairs	86.2	87.3	6,308	6,476	820	840
Farm improvements and construction	52.7	53.9	7,615	5,783	990	750
Tractors and self-propelled farm machinery	23.0	14.5	6,615	4,703	860	610
Other farm machinery	27.7	24.8	3,462	2,621	450	340
Seeds and plants	53.4	44.3	7,692	8,096	1,000	1,050
Trucks and autos	17.5	13.9	1,538	1,388	200	180
Miscellaneous capital expenses	6.7	4.4	0	77	0	10
Total farm production expenditures	100.0	100.0	111,462	102,159	14,490	13,250

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Plains Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	30.8	29.4	26,102	22,481	13,320	11,470
Feed	66.5	64.9	19,929	20,894	10,170	10,660
Farm services	90.5	93.2	16,069	14,955	8,200	7,630
Rent	34.5	34.9	10,837	10,819	5,530	5,520
Agricultural chemicals	46.6	44.5	5,271	4,665	2,690	2,380
Fertilizer, lime and soil conditioners	42.6	44.1	10,719	9,114	5,470	4,650
Interest	37.9	35.7	5,252	4,900	2,680	2,500
Taxes	99.7	99.5	5,252	5,429	2,680	2,770
Labor	33.3	28.9	7,760	6,703	3,960	3,420
Fuels	83.9	82.0	7,995	5,939	4,080	3,030
Farm supplies and repairs	79.2	79.2	6,447	6,390	3,290	3,260
Farm improvements and construction	55.8	53.5	6,212	5,253	3,170	2,680
Tractors and self-propelled farm machinery	23.8	25.3	5,898	4,920	3,010	2,510
Other farm machinery	26.4	25.3	3,057	2,528	1,560	1,290
Seeds and plants	35.0	32.9	6,075	6,037	3,100	3,080
Trucks and autos	23.9	24.5	2,450	2,136	1,250	1,090
Miscellaneous capital expenses	14.4	17.3	78	78	40	40
Total farm production expenditures	100.0	100.0	145,405	133,242	74,200	67,980

Total Farm Production Expenditures by Year—Plains Region: 2005-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	2005	2006	2007	2008	2009
	(million dollars)				
Livestock, poultry and related expenses	8,680	12,530	17,880	13,320	11,470
Feed	5,400	6,920	10,270	10,170	10,660
Farm services	5,770	6,080	7,940	8,200	7,630
Rent	4,180	4,480	4,980	5,530	5,520
Agricultural chemicals	1,740	1,710	2,210	2,690	2,380
Fertilizer, lime and soil conditioners	2,880	3,030	4,280	5,470	4,650
Interest	2,140	2,330	2,900	2,680	2,500
Taxes	1,950	2,230	2,460	2,680	2,770
Labor	2,670	2,700	3,610	3,960	3,420
Fuels	2,560	2,780	3,380	4,080	3,030
Farm supplies and repairs	2,590	2,530	3,130	3,290	3,260
Farm improvements and construction	2,520	2,580	2,900	3,170	2,680
Tractors and self-propelled farm machinery	1,910	1,550	2,380	3,010	2,510
Other farm machinery	1,000	950	1,200	1,560	1,290
Seeds and plants	1,880	1,980	2,430	3,100	3,080
Trucks and autos	1,300	1,030	1,360	1,250	1,090
Miscellaneous capital expenses	40	40	40	40	40
Total farm production expenditures	49,210	55,450	73,350	74,200	67,980

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Kansas: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	30.1	32.2	47,328	43,053	3,100	2,820
Feed	54.5	48.7	29,008	31,756	1,900	2,080
Farm services	88.9	90.2	16,641	17,405	1,090	1,140
Rent	40.2	46.5	15,420	15,267	1,010	1,000
Agricultural chemicals	52.9	53.1	7,023	6,260	460	410
Fertilizer, lime and soil conditioners	54.8	53.3	15,420	12,214	1,010	800
Interest	42.5	43.8	6,260	6,260	410	410
Taxes	100.0	100.0	6,260	6,107	410	400
Labor	26.6	26.4	8,550	7,176	560	470
Fuels	81.7	77.5	10,687	7,634	700	500
Farm supplies and repairs	74.7	78.5	8,397	8,550	550	560
Farm improvements and construction	52.2	51.6	6,718	5,802	440	380
Tractors and self-propelled farm machinery	28.1	27.3	6,718	6,107	440	400
Other farm machinery	29.4	29.7	3,664	3,053	240	200
Seeds and plants	45.0	43.9	6,870	7,481	450	490
Trucks and autos	30.4	27.7	2,901	2,595	190	170
Miscellaneous capital expenses	22.3	22.4	153	153	10	10
Total farm production expenditures	100.0	100.0	198,015	186,870	12,970	12,240

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Nebraska: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	34.3	30.1	84,810	65,466	4,020	3,090
Feed	53.5	48.8	52,743	44,068	2,500	2,080
Farm services	98.2	93.8	29,747	28,602	1,410	1,350
Rent	55.0	54.8	34,810	35,593	1,650	1,680
Agricultural chemicals	68.4	63.5	12,025	10,805	570	510
Fertilizer, lime and soil conditioners	60.4	61.0	24,684	25,636	1,170	1,210
Interest	62.4	55.6	12,236	11,653	580	550
Taxes	100.0	100.0	14,135	15,042	670	710
Labor	34.9	40.2	12,869	12,924	610	610
Fuels	86.9	83.9	15,401	12,288	730	580
Farm supplies and repairs	88.8	82.4	14,346	15,466	680	730
Farm improvements and construction	60.9	61.0	10,970	9,958	520	470
Tractors and self-propelled farm machinery	34.2	36.3	9,283	8,051	440	380
Other farm machinery	38.6	37.4	5,274	4,661	250	220
Seeds and plants	60.3	58.9	16,034	18,220	760	860
Trucks and autos	35.5	35.5	4,219	4,025	200	190
Miscellaneous capital expenses	26.4	29.6	211	212	10	10
Total farm production expenditures	100.0	100.0	353,797	322,669	16,770	15,230

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Texas: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	30.6	25.2	18,182	14,141	4,500	3,500
Feed	73.7	73.1	16,525	18,667	4,090	4,620
Farm services	89.2	93.0	11,273	10,061	2,790	2,490
Rent	24.8	23.3	3,798	3,758	940	930
Agricultural chemicals	33.5	34.1	2,061	1,818	510	450
Fertilizer, lime and soil conditioners	35.3	37.8	4,364	3,636	1,080	900
Interest	27.1	25.1	3,071	2,626	760	650
Taxes	99.9	100.0	3,596	3,879	890	960
Labor	34.3	28.3	6,949	6,141	1,720	1,520
Fuels	83.1	82.7	5,253	3,798	1,300	940
Farm supplies and repairs	77.1	77.8	3,677	3,556	910	880
Farm improvements and construction	52.1	50.8	4,646	3,717	1,150	920
Tractors and self-propelled farm machinery	24.8	23.7	3,879	2,788	960	690
Other farm machinery	23.1	22.5	1,374	1,091	340	270
Seeds and plants	24.0	20.8	2,424	2,222	600	550
Trucks and autos	20.1	22.7	1,455	1,293	360	320
Miscellaneous capital expenses	16.4	18.1	40	40	10	10
Total farm production expenditures	100.0	100.0	92,566	83,232	22,910	20,600

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—All Other States, Plains Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	30.4	34.9	11,341	13,733	1,700	2,060
Feed	64.1	63.4	11,207	12,533	1,680	1,880
Farm services	91.0	94.5	19,413	17,667	2,910	2,650
Rent	41.7	42.9	12,875	12,733	1,930	1,910
Agricultural chemicals	58.5	52.1	7,672	6,733	1,150	1,010
Fertilizer, lime & soil conditioners	43.8	45.1	14,743	11,600	2,210	1,740
Interest	46.1	43.3	6,204	5,933	930	890
Taxes	99.1	98.5	4,736	4,667	710	700
Labor	34.1	27.5	7,138	5,467	1,070	820
Fuels	85.2	82.2	9,006	6,733	1,350	1,010
Farm supplies and repairs	81.4	80.8	7,672	7,267	1,150	1,090
Farm improvements and construction	61.9	56.6	7,071	6,067	1,060	910
Tractors and self-propelled farm machinery	16.9	23.5	7,805	6,933	1,170	1,040
Other farm machinery	26.8	24.4	4,870	4,000	730	600
Seeds and plants	40.9	39.7	8,606	7,867	1,290	1,180
Trucks and autos	23.6	22.7	3,336	2,733	500	410
Miscellaneous capital expenses	3.9	9.8	67	67	10	10
Total farm production expenditures	100.0	100.0	143,763	132,733	21,550	19,910

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—West Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	26.2	23.5	8,816	7,401	2,800	2,350
Feed	55.6	48.4	32,242	28,500	10,240	9,050
Farm services	95.0	94.7	36,083	35,932	11,460	11,410
Rent	27.7	28.8	10,957	10,928	3,480	3,470
Agricultural chemicals	42.1	44.3	7,840	7,589	2,490	2,410
Fertilizer, lime and soil conditioners	40.9	38.1	11,052	9,699	3,510	3,080
Interest	36.6	38.7	8,596	8,125	2,730	2,580
Taxes	99.8	99.6	6,895	6,330	2,190	2,010
Labor	41.9	41.4	41,562	42,451	13,200	13,480
Fuels	83.1	81.2	10,170	7,432	3,230	2,360
Farm supplies and repairs	81.0	80.0	13,130	12,345	4,170	3,920
Farm improvements and construction	56.5	58.7	10,831	10,833	3,440	3,440
Tractors and self-propelled farm machinery	21.0	20.2	5,636	4,724	1,790	1,500
Other farm machinery	21.2	20.1	2,424	2,047	770	650
Seeds and plants	30.4	27.8	7,525	6,456	2,390	2,050
Trucks and autos	23.3	22.6	2,708	2,551	860	810
Miscellaneous capital expenses	10.8	11.8	220	189	70	60
Total farm production expenditures	100.0	100.0	216,688	203,530	68,820	64,630

Total Farm Production Expenditures by Year—West Region: 2005-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	2005	2006	2007	2008	2009
	(million dollars)				
Livestock, poultry and related expenses	3,250	3,140	3,230	2,800	2,350
Feed	6,300	7,190	8,920	10,240	9,050
Farm services	9,630	11,120	10,850	11,460	11,410
Rent	3,190	3,300	3,130	3,480	3,470
Agricultural chemicals	2,080	2,200	2,190	2,490	2,410
Fertilizer, lime and soil conditioners	2,320	2,480	2,760	3,510	3,080
Interest	2,290	2,620	2,570	2,730	2,580
Taxes	1,530	1,790	2,130	2,190	2,010
Labor	11,780	11,540	12,060	13,200	13,480
Fuels	2,170	2,380	2,760	3,230	2,360
Farm supplies and repairs	3,160	3,700	3,510	4,170	3,920
Farm improvements and construction	2,560	2,880	3,050	3,440	3,440
Tractors and self-propelled farm machinery	1,360	1,270	1,250	1,790	1,500
Other farm machinery	510	560	600	770	650
Seeds and plants	1,970	2,070	1,970	2,390	2,050
Trucks and autos	1,020	850	820	860	810
Miscellaneous capital expenses	50	70	40	70	60
Total farm production expenditures	55,170	59,160	61,840	68,820	64,630

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—California: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	17.1	13.9	9,571	8,957	780	730
Feed	42.5	33.5	62,331	49,202	5,080	4,010
Farm services	94.4	98.8	69,693	69,816	5,680	5,690
Rent	19.2	21.6	17,423	17,669	1,420	1,440
Agricultural chemicals	48.8	54.5	16,442	15,706	1,340	1,280
Fertilizer, lime and soil conditioners	51.6	51.5	18,405	15,215	1,500	1,240
Interest	30.3	33.4	12,515	13,374	1,020	1,090
Taxes	100.0	100.0	11,043	10,675	900	870
Labor	63.8	60.0	96,687	96,319	7,880	7,850
Fuels	83.0	78.0	15,951	10,798	1,300	880
Farm supplies and repairs	85.7	85.5	21,104	20,613	1,720	1,680
Farm improvements and construction	57.9	59.6	18,160	12,638	1,480	1,030
Tractors and self-propelled farm machinery	18.9	25.5	4,908	5,031	400	410
Other farm machinery	18.3	23.1	1,963	2,086	160	170
Seeds and plants	29.8	28.5	16,933	12,025	1,380	980
Trucks and autos	19.4	27.8	2,822	3,067	230	250
Miscellaneous capital expenses	16.7	20.1	123	245	10	20
Total farm production expenditures	100.0	100.0	396,074	363,436	32,280	29,620

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—Washington: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	28.0	26.3	3,291	2,785	130	110
Feed	55.9	42.2	17,722	14,430	700	570
Farm services	93.7	94.2	37,722	36,203	1,490	1,430
Rent	19.9	28.1	10,380	8,861	410	350
Agricultural chemicals	38.3	40.5	7,848	8,608	310	340
Fertilizer, lime and soil conditioners	37.3	39.8	9,114	9,114	360	360
Interest	34.0	34.3	6,582	5,823	260	230
Taxes	99.9	99.7	8,101	6,076	320	240
Labor	33.6	36.2	39,494	39,494	1,560	1,560
Fuels	83.3	83.8	8,608	7,089	340	280
Farm supplies and repairs	78.3	89.1	16,962	11,392	670	450
Farm improvements and construction	58.1	67.0	9,620	9,620	380	380
Tractors and self-propelled farm machinery	24.0	28.6	5,063	4,051	200	160
Other farm machinery	26.8	23.9	2,278	1,519	90	60
Seeds and plants	23.4	37.0	6,076	5,823	240	230
Trucks and autos	30.7	25.3	2,278	2,025	90	80
Miscellaneous capital expenses	19.4	21.7	253	253	10	10
Total farm production expenditures	100.0	100.0	191,392	173,165	7,560	6,840

Farm Production Expenditures by Farms Reporting, Average per Farm, and Total—All Other States, West Region: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Totals may not add due to rounding]

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2008	2009	2008	2009	2008	2009
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	29.6	27.0	9,613	7,683	1,890	1,510
Feed	61.0	55.8	22,686	22,743	4,460	4,470
Farm services	95.5	93.1	21,821	21,827	4,290	4,290
Rent	32.9	31.9	8,393	8,548	1,650	1,680
Agricultural chemicals	40.1	40.8	4,273	4,019	840	790
Fertilizer, lime & soil conditioners	37.2	32.2	8,393	7,530	1,650	1,480
Interest	39.7	41.7	7,375	6,411	1,450	1,260
Taxes	99.7	99.4	4,934	4,579	970	900
Labor	34.6	34.7	19,125	20,708	3,760	4,070
Fuels	83.1	81.9	8,087	6,105	1,590	1,200
Farm supplies and repairs	79.6	76.0	9,054	9,107	1,780	1,790
Farm improvements and construction	55.6	56.6	8,037	10,328	1,580	2,030
Tractors and self-propelled farm machinery	21.3	16.4	6,053	4,732	1,190	930
Other farm machinery	21.3	18.1	2,645	2,137	520	420
Seeds and plants	32.1	25.7	3,917	4,274	770	840
Trucks and autos	23.4	19.9	2,747	2,442	540	480
Miscellaneous capital expenses	6.7	6.4	254	153	50	30
Total farm production expenditures	100.0	100.0	147,406	143,325	28,980	28,170

Fuels Production Expenditures by Sub-Components, Total and Percent of Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	2008		2009	
	(million dollars)	(percent of fuel expenditures)	(million dollars)	(percent of fuel expenditures)
Diesel	9,860	61.6	7,220	58.2
Gasoline	3,010	18.8	2,430	19.6
LP gas	2,030	12.7	1,950	15.7
Other fuels	1,100	6.9	800	6.5
		(percent of total)		(percent of total)
Total fuels expenditures	16,000	5.2	12,400	4.3

Fuels Production Expenditures, Type of Farms by Sub-Components and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Crop farms		Livestock farms	
	2008	2009	2008	2009
	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Diesel	6,700	4,835	3,160	2,385
Gasoline	1,730	1,400	1,280	1,030
LP gas	1,160	1,155	870	795
Other fuels	810	640	290	160
Total fuels expenditures	10,400	8,030	5,600	4,370

Fuels Production Expenditures, Economic Class of Farm by Sub-Components and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Economic Class					
	Less than \$10,000		\$10,000 - \$49,999		\$50,000 - \$99,999	
	2008	2009	2008	2009	2008	2009
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Diesel	500	465	610	510	605	535
Gasoline	385	315	355	270	275	240
LP gas	65	55	75	80	105	75
Other fuels	20	25	30	30	35	30
Total fuels expenditures	970	860	1,070	890	1,020	880

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Fuels Production Expenditures, Economic Class of Farm by Sub-Components and Total—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Economic Class					
	\$100,000 - \$249,999		\$250,000 - \$499,999		\$500,000 - \$999,999	
	2008	2009	2008	2009	2008	2009
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Diesel	1,140	915	1,490	1,145	2,010	1,345
Gasoline	400	300	390	330	455	335
LP gas	200	185	315	295	410	420
Other fuels	70	70	85	100	205	230
Total fuels expenditures	1,810	1,470	2,280	1,870	3,080	2,330

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Fuels Production Expenditures, Economic Class of Farm by Sub-Components and Total—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Economic Class			
	\$1,000,000 - \$4,999,999		\$5,000,000 and over	
	2008	2009	2008	2009
	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Diesel	2,575	1,635	930	670
Gasoline	515	460	235	180
LP gas	665	670	195	170
Other fuels	405	225	250	90
Total fuels expenditures	4,160	2,990	1,610	1,110

Fuels Production Expenditures, Farm Production Region by Sub-Components and Total—United States: 2008 and 2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Atlantic		South		Midwest	
	2008	2009	2008	2009	2008	2009
	(million dollars)					
Diesel	1,030	825	1,265	935	2,875	2,150
Gasoline	425	375	370	300	735	580
LP gas	355	295	260	245	935	960
Other fuels	170	85	65	60	205	200
Total fuels expenditures	1,980	1,580	1,960	1,540	4,750	3,890

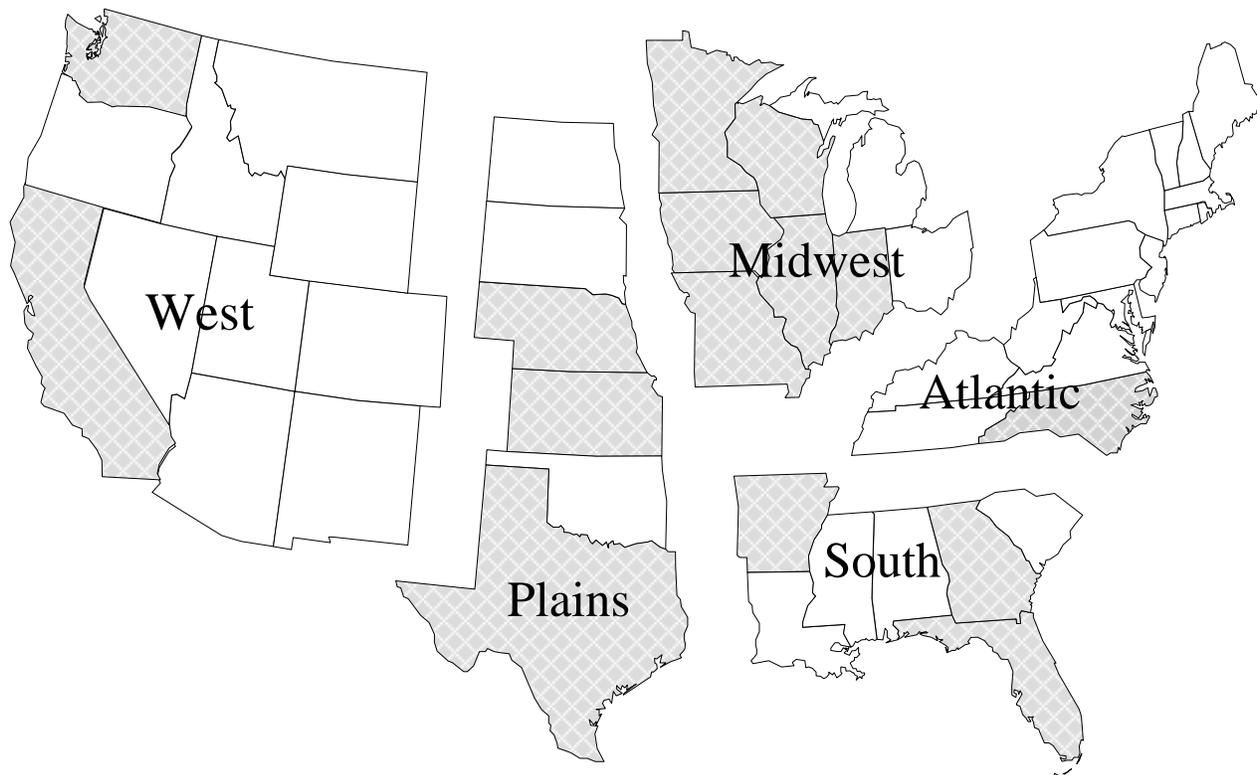
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Fuels Production Expenditures, Farm Production Region by Sub-Components and Total—United States: 2008 and 2009 (continued)

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Expenditure	Plains		West	
	2008	2009	2008	2009
	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Diesel	2,580	1,800	2,110	1,510
Gasoline	780	630	700	545
LP gas	280	285	200	165
Other fuels	440	315	220	140
Total fuels expenditures	4,080	3,030	3,230	2,360

Farm Production Expenditure Regions



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

South Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, South Carolina

Midwest Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Ohio, Wisconsin

Plains Kansas, Nebraska, North Dakota, Oklahoma, South Dakota, Texas

West Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

15 Estimate States Arkansas, California, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Carolina, Texas, Washington, Wisconsin

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 improving 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 include 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. The changes included the following: 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 have expanded significantly over the past several years. Currently, data collected allows ERS to develop many estimates including 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. As the agricultural community becomes increasingly more complex and integrated the demand for quality farm expenditure and income data continues to increase.

Economic classification has been revised over time. Before 2002, the five United States Economic Classes for Gross Value of Sales used in previous reports were: \$250,000 and Over; \$100,000 – \$249,999; \$40,000 – \$99,999; \$10,000 – \$39,999; Less Than \$10,000. 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: \$1,000,000 and Over; \$500,000 – \$999,999; \$250,000 – \$499,999; \$100,000 – \$249,999; \$50,000 – \$99,999; \$10,000 – \$49,999; Less Than \$10,000. In 2007, a change was made to divide the largest economic class “\$1,000,000 and Over” into two classes for the purpose of calibration. The “\$1,000,000 and Over” class became “\$1,000,000 – \$4,999,999” and “\$5,000,000 and Over” classes. Calibrated indications were rerun for 2006, using these new classes as targets. The eight United States Economic Classes for Gross Value of Sales were: \$5,000,000 and Over; \$1,000,000 – \$4,999,999; \$500,000 – \$999,999; \$250,000 – \$499,999; \$100,000 – \$249,999; \$50,000 – \$99,999; \$10,000 – \$49,999; Less Than \$10,000.

In 2003, Congress appropriated nearly \$7 million for the restoration and expansion of the ARMS program. The subsequent changes included: increased sample size, recombining of expenditure categories, fuel sub-component

estimates, and 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 by NASS the following year. This NASS funding restored the ARMS III sample to historical levels, as well as the restoration of 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.

In 2004, the first expenditure estimates were published for the 15 Leading Cash Receipts States. The farm production regions were reduced from 10 to five regions. This change was made to allow NASS to publish state level expenditure estimates without disclosing data for unpublished states. The map, on page 49, shows the new distribution of regions and states.

In 2005, the survey edit was changed so that Landlord Real Estate Taxes would be carefully examined by editors. Research indicated this change was needed to improve data quality in the area of taxes. As a result, about 3,300 more Landlord Real Estate Tax questionnaire cells were imputed. The effect of the change accounts for only a portion of the increase between 2004 and 2005 in the Taxes estimate. 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 all questionnaires in 2006.

During 2005 and 2006, an emphasis was placed on cattle farms where not all cattle are owned by the operation. These operations were identified and correctly recorded for production contracts and contractor livestock purchase expenditures. This edit work resulted in a break in the data series (about 1 percent of total expenditures). Research indicates that after the 1997 Agricultural Census, the 1999 Agricultural Economics and Land Ownership Survey, and an emphasis from ERS on contracts in general in the mid to late 1990's, a similar change in the data series occurred.

Also, in 2006, Miscellaneous Capital Expenses was added as a separate line-item to the publication. Summary inconsistencies with version five (CORE) questionnaires dictated that Miscellaneous Expense be summarized with General Business Expense and rolled up into the Farms Services line-item.

In 2008, all eight economic classes were published for Total Production Expenses. The 2008 publication 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.

In 2009, data mining was conducted on the ARMS III open dataset using SAS Enterprise Miner. The purpose of this research was to improve the quality of the dataset by searching for unexpected relationships between variables. Several benefits were discovered under this limited trial. It is expected to be a help in testing and refining future ARMS III edits procedures. Full production use should occur in 2011.

Statistical Methodology

Name of survey

The 2009 Agricultural Resource Management Survey

Publication date

“Farm Production Expenditures 2009 Summary” was released on August 3, 2010. This publication is released early in August each year.

Data collection and sample

Period: The Agricultural Resource Management Survey (ARMS III) was conducted January through April of 2010.

Sampling frames: 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.

Sample size: The 2009 sample was 33,348 farms and ranches.

Reporting unit: 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 which 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, etc.

Sampling for large operations (EO's): Sample Design creates an additional strata (stratum 60) consisting of Farm Value of Sales (FVS) greater than \$5,000,000 in States where appropriate. The farm value of sales strata are subdivided into substrata defined by type of farm. These substrata are used in the sampling program to switch overburdened farms with similar less burdened farms.

Non-farm NOL area tract sampling: June Area Survey (JAS) area non-overlap tracts for ARMS III with June farm value of sales (FVS) below \$1,000, after point determination, were not sampled for the 2009 ARMS. This includes operations which are determined to have pasture points only. All completed non-overlap tract reports are eligible for ARMS III expenditure survey sampling.

Modes of data collection

Training: 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. Questionnaire versions 1,2,3,4 are enumerated and version 5 can be EDR, mail return, or personal enumeration.

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.

There is a Version 5 (CORE) questionnaire. This is initially mailed to the entire CORE sample and followed up with field enumeration. The CORE questionnaire, like the name suggests, contains only core questions. These questions are all included in the CRR version or can be arrived at by adding detail from the CRR version to totals. All States have a CORE sample.

In 2009, there were three COP commodities: wheat, organic wheat, and hogs. The States involved this year were:

- Organic Wheat: Colorado, Idaho, Illinois, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, Washington
- Wheat: Colorado, Idaho, Illinois, Kansas, Michigan, Minnesota, Missouri, Montana, Nebraska, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, Washington
- Hogs: Arkansas, Colorado, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, North Carolina, Ohio, Oklahoma, Pennsylvania, South Dakota, 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 (Rent, Interest, etc.) 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. (Edit procedures have been upgraded over the last several years to accurately identify operations with animal production contracts. This leads to an increase in recorded Livestock, Poultry, and Related Expenses for contractors.)

Miscellaneous capital expenses: Miscellaneous Capital Expense records any capital expenses not recorded in specific items on the questionnaire. It was estimated for the first time in 2005. Due the small size of this expense, a zero in this line-item denotes less than 5 million dollars. Average value derived from expenditure rounding to zero will also be zero.

Other fuels: Line-item includes all other forms of fuel not specifically listed in the questionnaire (natural gas, coal, fuel oil, kerosene, wood, etc).

Regions: There are 5 agricultural regions used for ARMS III analysis. Refer to page 49 for a complete listing and map of states and regions.

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

State data review procedures

Within individual reports: Data were edited using both hand and machine 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.

Between individual reports: Macro analysis is accomplished using the Individual 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.

National data review procedures

ARMS III Commodity Statisticians edit data along with NASS Field Offices (FO) 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 FO editors on specific records and general procedures as record editing progresses as the need arises.

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.

Summary 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 2009). Those targets currently include Corn for grain acres, Wheat for grain acres, Soybean acres, Cotton acres, Vegetable acres, Fruit acres, Hay acres, Peanut acres, Rice acres, Sugarcane/Sugar beet acres, Tobacco acres, Nursery/Floriculture (Open Area and Area Under Cover), Cattle inventory, Cattle on Feed inventory, Hog and Pig inventory, Milk production, Eggs produced, Broiler inventory, Turkey inventory, Number of Farms by eight economic classes, Number of Farms by non-estimate states, and Total Number of Farms. The sources for the targets are official USDA estimates. Additional targets may be added to control for commodities in the COP questionnaire versions. Sample weights are calibrated to known targets to ensure that farms of all economic sizes are properly represented in the survey results and therefore their economic activity is fully representative of the farm population.

Estimating procedures

The implementation of the estimates analysis tool Analysis Comments Estimation Review (ACER) was done in 2004. ACER improvements over several years have made it possible to set the 1424 estimates now required for this publication. In 2005, Executive Summaries were sent to all states electronically. The ACER tools provide more administrative data, charting, and sample coverage data to the NASS analysis stats as they completed their review of the summary.

Board review: 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. Eighteen United States level line-items are set first (on rounded indication). After the Farm Production Expenditures Board formally approves the national estimates, the commodity statisticians in the Environmental, Economics, and Demographics Branch set estimates for line-items in Regions, 15 States, type of farm, economic class, and fuel subcomponents. These are also reviewed and approved by ERS. NASS publishes the approved expenditures and ERS staff set USDA estimates for income and demographic data.

Estimate states: 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, FO 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 also. These are used by ERS to develop the value added tables (Income and Expense estimates by state).

Reliability

Revision policy: Farm Production Expenditure estimates are subject to revision one year after their preliminary release. Each publication contains the current year preliminary estimates and the previous year final estimates. 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. NASS revised its 2007 annual farm number estimates based on the 2007 Census of Agriculture (Farms, Land in Farms, and Livestock Operations - 2008 Summary- 02/2009). NASS did not make revisions to farm numbers for the years previous to 2007, because no new information was available. Consequently, published farm production expenditures for the years prior will not be revised. Data are not subject to revision in the five year census cycle.

Coefficients of variation (CV): The CVs for the last four years are presented in the table on the following page.

Information Contacts

Listed below are the commodity statisticians in the Economics Section of 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.

Kevin Barnes, Chief, Environmental, Economics, and Demographics Branch.....	(202) 720-6146
Kevin Hintzman, Head, Economics Section.....	(202) 690-3223
Richard Barton – Agricultural Resource Management Survey – Phase III.....	(202) 690-1052
Daryl Brinkman – Prices Received, Prices Received Indexes.....	(202) 720-8844
Kuan Chen – Prices, Prices Research.....	(202) 690-3347
Angie Considine – Cash Rents.....	(202) 720-2250
Mark Gorsak – Prices, Prices Research.....	(202) 720-3225
Michael Mathison – Agricultural Resource Management Survey – Phase III.....	(202) 720-3243
Joe Samson – Cash Receipts, Grazing Fees.....	(202) 720-5446
Scott Shimmin – Farm Numbers, Land in Farms, Land Values.....	(202) 690-3231
Jennifer Sissom – Prices Paid, Prices Paid Indexes.....	(202) 690-3229

Farm Production Expenditures Coefficients of Variation: Total United States and Major Expenditure Items 2006-2009

[For definitions of terms used in this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii. Totals may not add due to rounding]

Total	2006	2007	2008	2009
Total farm production expenditures	2.5	1.5	1.3	1.1
Livestock, poultry and related expenses	6.4	6.8	6.1	4.7
Feed	5.9	2.8	3.3	2.6
Farm services	2.9	1.6	1.5	1.2
Rent	2.7	2.0	1.2	1.3
Agricultural chemicals	2.4	2.1	1.3	1.4
Fertilizer, lime and soil conditioners	2.1	1.8	1.1	0.9
Interest	3.6	2.1	1.5	1.5
Taxes (real estate and property)	2.5	1.5	1.3	0.9
Labor	4.6	3.0	2.7	2.3
Fuels	2.7	1.7	1.0	1.0
Farm supplies and repairs	3.0	2.1	1.5	1.6
Farm improvements and construction	4.9	4.2	2.2	2.3
Tractors and self-propelled farm machinery	3.9	3.4	2.0	2.1
Other farm machinery	4.4	3.3	2.0	2.4
Seeds and plants	3.4	2.7	2.2	1.4
Trucks and autos	5.4	4.1	2.2	2.6
Miscellaneous capital expenses	9.4	9.9	16.1	6.3
Regional - total farm expense				
Atlantic	11.2	4.1	2.1	2.5
North Carolina	6.0	5.7	1.2	1.4
Other States	14.1	5.1	2.7	3.2
South	3.5	3.2	2.7	2.5
Arkansas	2.9	2.1	1.7	1.7
Florida	3.4	6.0	9.5	2.9
Georgia	5.4	4.5	2.8	4.4
Other States	7.8	6.6	4.4	5.6
Midwest	2.2	1.4	0.9	1.0
Illinois	2.5	1.5	1.3	2.1
Indiana	2.9	2.5	1.4	1.3
Iowa	4.5	2.1	2.1	2.3
Minnesota	3.9	3.1	1.9	2.5
Missouri	10.7	5.3	2.2	0.8
Wisconsin	4.4	3.4	2.5	1.5
Other States	9.2	6.0	3.2	4.2
Plains	6.2	3.9	3.6	3.0
Kansas	5.7	10.6	16.0	14.2
Nebraska	4.7	2.6	1.6	2.6
Texas	18.6	5.5	3.5	3.6
Other States	6.2	8.0	6.3	3.8
West	4.7	3.5	3.7	2.5
California	4.9	4.1	3.6	3.5
Washington	4.8	4.5	8.8	2.3
Other States	9.5	6.6	7.6	4.4
Farm type - total farm expense				
Crop	2.6	1.7	1.3	1.3
Livestock	3.6	2.5	2.4	2.1
Economic class - total farm expense				
Less than \$10,000	5.8	3.7	2.1	2.2
\$10,000-\$49,999	4.5	3.5	2.2	2.6
\$50,000-\$99,999	4.2	4.6	2.8	2.2
\$100,000-\$249,999	4.7	3.1	2.2	1.7
\$250,000-\$499,999	3.5	2.3	2.0	1.7
\$500,000-\$999,999	3.5	2.2	1.9	1.3
\$1,000,000 and over	5.2	3.0	(²)	(²)
\$1,000,000-\$4,999,999	(¹)	2.8	1.8	1.5
\$5,000,000 and over	(¹)	5.8	6.0	5.0

¹ Data series started in 2007.

² Data series ended with 2007.

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