

United States Department of Agriculture

National Agricultural Statistics Service

# Farm Production Expenditures 2010 Summary



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## United States Total Farm Production Expenditures Edge Up in 2010 Higher Expenditures for Tractors and Self Propelled Machinery Lead Slight Increase

United States Total Farm Production Expenditures were \$289.0 billion in 2010, up from \$287.4 billion in 2009. The 2010 Total Expenditures rose 0.6 percent compared to 2009 Total Expenditures. This is in contrast to a fall of 6.4 percent for 2009 Total Expenditures when compared to 2008 Total Expenditures. Total Expenditures for 2009 remain unchanged from a year ago. Expense items showing increases from the previous year were: Tractors & Self Propelled Machinery, up 17.2 percent, Rent, up 14.6 percent, Other Farm Machinery, up 6.4 percent, Seeds & Plants, up 5.2 percent, Fertilizer, Lime, and Soil Conditioners, up 4.5 percent, Fuels, up 4.0 percent, Taxes, up 3.8 percent, Farm Supplies & Repairs, up 2.6 percent, and Feed, up 0.9 percent.

Total Fuels Expense was \$12.9 billion. Diesel, the largest sub-component, was \$8.2 billion accounting for 63.1 percent. Diesel expenditures were up 13.2 percent in 2010. Gasoline was \$2.6 billion, up 4.9 percent. LP Gas was \$1.5 billion, down 24.9 percent. Other Fuels were \$0.7 billion, down 10.0 percent.

The four largest expenditures at the United States level totaled \$134.4 billion and accounted for 46.5 percent of Total Expenditures in 2010. They were Feed, 15.7 percent; Farm Services, 12.4 percent; Labor, 9.5 percent; and Rent, 9.0 percent.

In 2010, the United States Total Farm Expenditure average per farm was \$131,793 compared with \$131,137 in 2009, an increase of 0.5 percent. On average, United States farm operations spent: \$20,705 on Feed, \$16,281 on Farm Services, \$12,496 on Labor, \$11,812 on Rent, and \$11,128 on Livestock and Poultry Purchases. For 2009, United States farms spent an average of: \$20,533 on Feed, \$16,609 on Farm Services, \$13,141 on Labor, \$11,818 on Livestock and Poultry Purchases, and \$10,312 on Rent.

The top three average per farm expenditures with the largest dollar increase were: Rent, up \$1,500 or 14.5 percent; Tractors & Self Propelled Equipment, up \$728, or 17.2 percent; and Fertilizer, Lime & Soil Conditioners, up \$406, or 4.4 percent.

The United States Economic Sales Class contributing most to the 2010 United States Total Expenditures was the \$1,000,000 - \$4,999,999 class, with expenses of \$80.1 billion, 27.7 percent of the United States total, up 6.3 percent from the 2009 level of \$75.4 billion. It was followed by the \$500,000 - \$999,999 class with \$51.6 billion (2009 - \$49.3 billion) and the \$5,000,000 and Over class with \$51.0 billion (2009 - \$51.0 billion).

Average 2010 Total Expenditures for the largest economic class of farms (\$5,000,000 and Over) were \$10.2 million. That is 5.7 times larger than the next largest economic class with farms \$1,000,000 - \$4,999,999 averaging \$1.8 million followed by the \$500,000 - \$999,999 economic class of farms averaging \$0.7 million.

In 2010, Crop Farms expenditures decreased to \$158.4 billion, down 0.1 percent while Livestock Farms expenditures increased to \$130.6 billion, up 1.3 percent. The largest expenditures for Crop Farms were Rent at \$21.7 billion, (13.7 percent); Farm Services at \$20.8 billion, (13.1 percent); Labor at \$18.8 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 \$41.9 billion, (32.1 percent); Livestock and Poultry Purchases, at \$21.2 billion, (16.2 percent); Farm Services at \$14.9 billion, (11.4 percent), together accounting for 59.7 percent of Livestock Farms total expenses. The average Total Expenditure for a Crop farm was \$165,006 compared with \$105,922 per Livestock farm.

Total Expenditures by Region were up in the Atlantic, the South, and the Plains in 2010. The South had the largest increase at 7.3 percent, while the Atlantic was up 1.5 percent. Total Expenditures for the Plains were up slightly. Total Expenditures for the West decreased 1.4 percent; the Midwest decreased only 0.4 percent.

The Midwest region contributed the most to United States Total Expenditures with expenses of \$87.7 billion (30.3 percent), down from \$88.0 billion in 2009. The other regions ranked by Total Expenditures are: Plains at

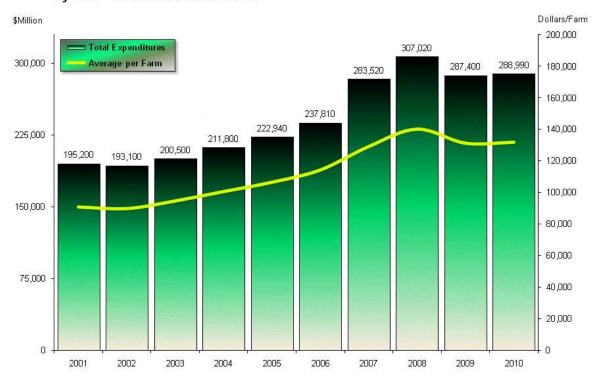
\$68.1 billion (23.6 percent); West at \$63.6 billion (22.0 percent); Atlantic at \$36.0 billion (12.5 percent); and South at \$33.6 billion (11.6 percent).

The sum of Total Expenditures for the 15 Estimate States was \$188.3 billion in 2010 (65.2 percent of the United States Total Expenses) and \$186.1 billion in 2009 (64.8 percent). California contributed most to the 2010 United States Total Expenditures, with expenses of \$30.3 billion, (10.5 percent). California expenditures were up 2.8 percent from the 2009 estimate of \$29.5 billion. Iowa, the next leading state, had \$21.6 billion in expenses, (7.5 percent). Other states with more than \$10 billion in Total Expenditures were: Texas with \$20.4 billion (\$20.7 billion - 2009), Nebraska with \$16.0 billion (\$15.3 billion - 2009), Illinois with \$14.8 billion (\$14.4 billion - 2009), Minnesota with \$13.4 billion (\$13.5 billion -2009), and Kansas with \$11.7 billion (\$12.0 billion – 2009).

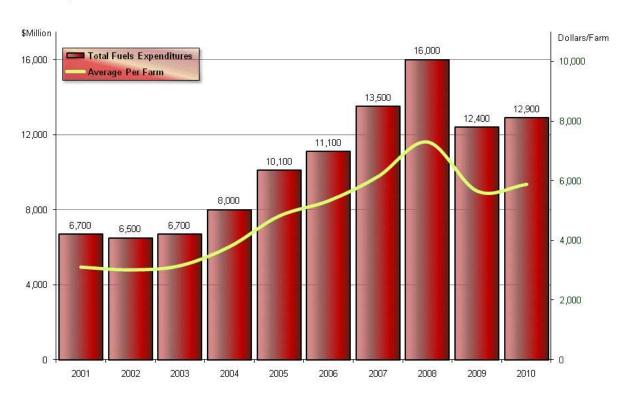
The 2010 Agricultural Resource and Management Survey - Phase III (ARMS III) sample size was 35,431 with 21,577 positive usable reports, a response rate of 60.9 percent. The sample size was increased in 2003 and estimates for the 15 Leading Cash Receipts States have been published annually since 2004.

For further information on USDA farm expenditures, please visit http://www.nass.usda.gov/Statistics by Subject/index.php.

## Farm Production Expenditures, Total and Average Per Farm by Year – United States: 2001-2010



Fuels Expenditures, Total and Average Per Farm by Year – United States: 2001-2010



### Farm Production Expenditures by Total and Percent of Total – United States: 2009 and 2010

[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	2009		2010			
	(million dollars)	(percent)	(million dollars)	(percent)		
Livestock, poultry and related expenses	25,900	9.0	24,400	8.4		
Feed	45,000	15.7	45,400	15.7		
Farm services	36,400	12.7	35,700	12.4		
Rent	22,600	7.9	25,900	9.0		
Agricultural chemicals	11,500	4.0	10,600	3.7		
Fertilizer, lime and soil conditioners	20,100	7.0	21,000	7.3		
Interest	11,000	3.8	10,200	3.5		
Taxes	10,400	3.6	10,800	3.7		
Labor	28,800	10.0	27,400	9.5		
Fuels	12,400	4.3	12,900	4.5		
Farm supplies and repairs	15,500	5.4	15,900	5.5		
Farm improvements and construction	14,100	4.9	12,600	4.4		
Tractors and self-propelled farm machinery	9,300	3.2	10,900	3.8		
Other farm machinery	4,700	1.6	5,000	1.7		
Seeds and plants	15,500	5.4	16,300	5.6		
Trucks and autos	4,000	1.4	3,800	1.3		
Miscellaneous capital expenses	200	0.1	190	0.1		
Total farm production expenditures	287,400	100.0	288,990	100.0		

# Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
		2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	25.1	23.2	11,818	11,128	25,900	24,400	
Feed	56.9	57.0	20,533	20,705	45,000	45,400	
Farm services	92.8	93.2	16,609	16,281	36,400	35,700	
Rent	29.3	28.3	10,312	11,812	22,600	25,900	
Agricultural chemicals	44.8	40.0	5,247	4,834	11,500	10,600	
Fertilizer, lime and soil conditioners	47.8	48.7	9,171	9,577	20,100	21,000	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	36.2 99.6 28.8 82.5 81.0 53.9	34.5 99.3 28.3 82.8 79.8 50.9	5,019 4,745 13,141 5,658 7,072 6,434	4,652 4,925 12,496 5,883 7,251 5,746	11,000 10,400 28,800 12,400 15,500 14,100	10,200 10,800 27,400 12,900 15,900 12,600	
Tractors and self-propelled farm machinery	21.2	20.4	4,243	4,971	9,300	10,900	
Other farm machinery	22.7	22.2	2,145	2,280	4,700	5,000	
Seeds and plants	38.2	38.1	7,072	7,434	15,500	16,300	
Trucks and autos	21.2	19.4	1,825	1,733	4,000	3,800	
Miscellaneous capital expenses	13.3	11.6	91	87	200	190	
Total farm production expenditures	100.0	100.0	131,137	131,793	287,400	288,990	

## Farm Production Expenditures Total by Year – United States: 2006-2010

[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	2006	2007	2008	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	26,100	33,000	28,300	25,900	24,400
Feed	31,400	41,900	46,900	45,000	45,400
Farm services	32,000	36,800	38,000	36,400	35,700
Rent	18,300	19,700	22,400	22,600	25,900
Agricultural chemicals	9,000	10,500	11,700	11,500	10,600
Fertilizer, lime and soil conditioners	13,300	17,700	22,500	20,100	21,000
Interest	10,700	12,100	12,000	11,000	10,200
Taxes	9,000	10,300	10,700	10,400	10,800
Labor	24,500	28,600	29,700	28,800	27,400
Fuels	11,100	13,500	16,000	12,400	12,900
Farm supplies and repairs	13,400	15,100	15,900	15,500	15,900
Farm improvements and construction	12,700	14,100	15,800	14,100	12,600
Tractors and self-propelled farm machinery	7,300	8,600	11,400	9,300	10,900
Other farm machinery	3,900	4,400	5,900	4,700	5,000
Seeds and plants	11,000	12,600	15,100	15,500	16,300
Trucks and autos	3,900	4,400	4,500	4,000	3,800
Miscellaneous capital expenses	210	220	220	200	190
Total farm production expenditures	237,810	283,520	307,020	287,400	288,990

#### Farm Production Expenditures by Percent of Total - United States: 2006-2010

Expenditure	2006	2007	2008	2009	2010
	(percent)	(percent)	(percent)	(percent)	(percent)
Livestock, poultry and related expenses	11.0	11.6	9.2	9.0	8.4
Feed		14.8	15.3	15.7	15.7
Farm services	13.5	13.0	12.4	12.7	12.4
Rent	7.7	6.9	7.3	7.9	9.0
Agricultural chemicals	3.8	3.7	3.8	4.0	3.7
Fertilizer, lime and soil conditioners		6.2	7.3	7.0	7.3
Interest	4.5	4.3	3.9	3.8	3.5
Taxes	3.8	3.6	3.5	3.6	3.7
Labor	10.3	10.1	9.7	10.0	9.5
Fuels	4.7	4.8	5.2	4.3	4.5
Farm supplies and repairs	5.6	5.3	5.2	5.4	5.5
Farm improvements and construction		5.0	5.1	4.9	4.4
Tractors and self-propelled farm machinery	3.1	3.0	3.7	3.2	3.8
Other farm machinery		1.6	1.9	1.6	1.7
Seeds and plants		4.4	4.9	5.4	5.6
Trucks and autos		1.6	1.5	1.4	1.3
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: 2009 and 2010

[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	
·	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	10.3	8.9	3,150	3,333	3,100	3,200
Feed	20.2	20.1	3,861	3,645	3,800	3,500
Farm services	88.3	88.9	22,051	21,663	21,700	20,800
Rent	32.2	31.7	19,206	22,601	18,900	21,700
Agricultural chemicals		50.8	10,568	9,790	10,400	9,400
Fertilizer, lime and soil conditioners	58.8	59.4	17,580	18,643	17,300	17,900
Interest Taxes Labor Fuels	36.6 99.7 30.7 78.6 75.3	35.7 99.5 31.7 77.7 74.0	6,046 6,199 20,323 8,180 9,857	5,520 6,614 19,580 8,124 9,946	5,950 6,100 20,000 8,050 9,700	5,300 6,350 18,800 7,800 9,550
Farm supplies and repairs  Farm improvements and construction	48.4	48.2	7,520	6,874	7,400	6,600
Tractors and self-propelled farm machinery  Other farm machinery  Seeds and plants  Trucks and autos  Miscellaneous capital expenses	23.2 24.6	22.4 24.0 51.9 20.3 12.4	6,605 3,303 14,226 2,286 142	7,811 3,541 14,998 2,218 104	6,500 3,250 14,000 2,250 140	7,500 3,400 14,400 2,130 100
Total farm production expenditures	100.0	100.0	161,104	165,006	158,540	158,430

## Livestock Farms Production Expenditures by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
·	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	37.2	34.4	18,882	17,199	22,800	21,200	
Feed	86.8	85.7	34,120	33,993	41,200	41,900	
Farm services	96.5	96.6	12,174	12,088	14,700	14,900	
Rent	26.9	25.6	3,064	3,407	3,700	4,200	
Agricultural chemicals		31.5	911	974	1,100	1,200	
Fertilizer, lime and soil conditioners	38.8	40.3	2,319	2,515	2,800	3,100	
Interest	35.9	33.6	4,182	3,975	5,050	4,900	
Taxes	99.4	99.2	3,561	3,610	4,300	4,450	
Labor	27.2	25.7	7,288	6,977	8,800	8,600	
Fuels	85.8	86.7	3,602	4,138	4,350	5,100	
Farm supplies and repairs	85.6	84.3	4,803	5,152	5,800	6,350	
Farm improvements and construction	58.4	53.1	5,549	4,868	6,700	6,000	
Tractors and self-propelled farm machinery	19.6	18.8	2,319	2,758	2,800	3,400	
Other farm machinery	21.2	20.8	1,201	1,298	1,450	1,600	
Seeds and plants	26.6	27.3	1,242	1,541	1,500	1,900	
Trucks and autos	20.6	18.7	1,449	1,355	1,750	1,670	
Miscellaneous capital expenses	12.0	11.0	50	73	60	90	
Total farm production expenditures	100.0	100.0	106,715	105,922	128,860	130,560	

## Farm Production Expenditures, Economic Class Gross Sales, by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

[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 2009 2010			Aver per f	Total expenditures		
		2010	2009	2009 2010		2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Less than \$10,000	100.0	100.0	15,475	13,746	18,930	16,850
\$10,000 - \$49,999	100.0	100.0	34,327	35,089	14,820	15,470
\$50,000 - \$99,999	100.0	100.0	91,610	80,994	14,970	12,260
\$100,000 - \$249,999	100.0	100.0	177,796	172,673	26,520	25,680
\$250,000 - \$499,999	100.0	100.0	366,067	362,548	36,420	36,030
\$500,000 - \$999,999	100.0	100.0	662,636	673,102	49,320	51,600
\$1,000,000 - \$4,999,999	100.0	100.0	1,668,807	1,784,410	75,380	80,120
\$5,000,000 and over	100.0	100.0	10,311,111	10,216,433	51,040	50,980
Total farm production expenditures	100.0	100.0	131,137	131,793	287,400	288,990

## Farm Production Expenditures, Economic Class Gross Sales Less than \$10,000 by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
· ·	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	18.9	16.2	490	359	600	440	
Feed	58.5	57.9	1,561	1,395	1,910	1,710	
Farm services	89.1	89.1	2,273	2,039	2,780	2,500	
Rent	10.7	9.5	188	188	230	230	
Agricultural chemicals	26.7	21.8	106	82	130	100	
Fertilizer, lime and soil conditioners	30.6	31.3	368	326	450	400	
Interest	25.2	22.0	1,496	1,183	1,830	1,450	
Taxes	99.3	98.9	2,011	1,925	2,460	2,360	
Labor	14.7	15.2	654	530	800	650	
Fuels	75.2	74.6	703	750	860	920	
Farm supplies and repairs	72.3	69.8	1,006	1,020	1,230	1,250	
Farm improvements and construction	45.8	41.8	2,551	1,917	3,120	2,350	
Tractors and self-propelled farm machinery	15.6	13.4	916	946	1,120	1,160	
Other farm machinery	15.7	14.1	335	367	410	450	
Seeds and plants	20.7	20.1	147	114	180	140	
Trucks and autos	15.9	13.6	654	579	800	710	
Miscellaneous capital expenses	9.6	7.7	16	24	20	30	
Total farm production expenditures	100.0	100.0	15,475	13,746	18,930	16,850	

## Farm Production Expenditures, Economic Class Gross Sales \$10,000-\$49,999 by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

[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	
'	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	28.0	26.6	1,575	1,678	680	740	
Feed	58.1	58.7	2,594	2,586	1,120	1,140	
Farm services	94.7	96.7	5,281	4,809	2,280	2,120	
Rent	32.3	32.4	1,621	1,565	700	690	
Agricultural chemicals		43.3	788	612	340	270	
Fertilizer, lime and soil conditioners	54.8	56.4	2,015	2,064	870	910	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	31.7 100.0 27.9 85.4 85.3 52.7	33.3 99.8 29.9 88.7 87.5 52.4	1,922 3,127 2,224 2,061 2,641 3,752	1,724 3,130 2,177 2,223 3,130 3,516	830 1,350 960 890 1,140 1,620	760 1,380 960 980 1,380 1,550	
Tractors and self-propelled farm machinery	19.4	21.4	1,691	2,631	730	1,160	
Other farm machinery	21.2	22.5	788	998	340	440	
Seeds and plants	39.7	40.4	1,019	1,134	440	500	
Trucks and autos	18.8	19.0	1,181	1,066	510	470	
Miscellaneous capital expenses	12.6	13.4	46	45	20	20	
Total farm production expenditures	100.0	100.0	34,327	35,089	14,820	15,470	

## Farm Production Expenditures, Economic Class Gross Sales \$50,000-\$99,999 by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

Expenditure		Farms reporting		Average per farm		tal ditures
'	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	32.1	31.4	4,406	5,021	720	760
Feed	51.4	54.7	5,936	5,351	970	810
Farm services	99.5	99.9	13,585	11,561	2,220	1,750
Rent	58.3	53.3	7,038	6,342	1,150	960
Agricultural chemicals	74.3	67.6	3,427	2,775	560	420
Fertilizer, lime and soil conditioners	73.8	74.3	7,343	6,408	1,200	970
Interest	49.3	46.7	4,651	3,567	760	540
Taxes	99.8	99.6	5,385	5,087	880	770
Labor	46.9	42.3	6,915	5,549	1,130	840
Fuels	94.9	93.5	5,385	4,955	880	750
Farm supplies and repairs	96.0	93.8	6,976	6,540	1,140	990
Farm improvements and construction	66.9	63.7	6,793	5,219	1,110	790
Tractors and self-propelled farm machinery	27.8	26.1	4,284	3,700	700	560
Other farm machinery		32.2	2,387	2,180	390	330
Seeds and plants	67.5	66.1	4,957	4,823	810	730
Trucks and autos		27.2	2,019	1,850	330	280
Miscellaneous capital expenses	18.7	18.2	122	66	20	10
Total farm production expenditures	100.0	100.0	91,610	80,994	14,970	12,260

# Farm Production Expenditures, Economic Class Gross Sales \$100,000-\$249,999 by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

[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	
'	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	36.0	34.5	10,392	10,490	1,550	1,560	
Feed	54.4	52.1	13,744	12,439	2,050	1,850	
Farm services	99.9	100.0	24,336	22,458	3,630	3,340	
Rent	69.9	67.0	17,297	17,751	2,580	2,640	
Agricultural chemicals	85.4	79.8	8,380	6,859	1,250	1,020	
Fertilizer, lime and soil conditioners	84.9	85.7	16,291	15,600	2,430	2,320	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	63.0 100.0 56.3 96.4 96.8 70.3	63.4 100.0 48.6 97.2 96.5 66.8	7,576 7,911 14,213 9,855 12,269 10,324	7,464 8,136 12,641 9,750 12,708 8,405	1,130 1,180 2,120 1,470 1,830 1,540	1,110 1,210 1,880 1,450 1,890 1,250	
Tractors and self-propelled farm machinery	30.9	34.1	6,436	8,002	960	1,190	
Other farm machinery	37.7	38.7	3,620	4,034	540	600	
Seeds and plants	79.0	80.5	11,799	12,305	1,760	1,830	
Trucks and autos	32.0	31.1	3,218	3,429	480	510	
Miscellaneous capital expenses	19.9	18.8	134	202	20	30	
Total farm production expenditures	100.0	100.0	177,796	172,673	26,520	25,680	

## Farm Production Expenditures, Economic Class Gross Sales \$250,000-\$499,999 by Farms Reporting, Average per Farm, and Total – United States: 2009-2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
'	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	36.0	36.5	19,097	18,012	1,900	1,790	
Feed	49.8	50.8	29,852	28,678	2,970	2,850	
Farm services	100.0	100.0	47,743	44,576	4,750	4,430	
Rent	79.3	81.9	43,019	46,086	4,280	4,580	
Agricultural chemicals	89.1	87.4	19,298	17,509	1,920	1,740	
Fertilizer, lime and soil conditioners	86.5	89.8	36,788	37,231	3,660	3,700	
Interest	73.5	73.9	14,273	13,282	1,420	1,320	
Taxes	100.0	99.8	12,564	13,987	1,250	1,390	
Labor	66.7	65.5	27,943	25,659	2,780	2,550	
Fuels	98.3	98.8	18,796	18,515	1,870	1,840	
Farm supplies and repairs	97.7	99.0	22,515	23,445	2,240	2,330	
Farm improvements and construction	76.2	75.3	16,384	13,785	1,630	1,370	
Tractors and self-propelled farm machinery	41.1	38.5	14,474	18,314	1,440	1,820	
Other farm machinery	47.7	46.1	8,644	8,754	860	870	
Seeds and plants	83.7	87.2	28,445	29,282	2,830	2,910	
Trucks and autos	41.7	35.0	5,930	5,232	590	520	
Miscellaneous capital expenses	28.0	18.1	302	201	30	20	
Total farm production expenditures	100.0	100.0	366,067	362,548	36,420	36,030	

## Farm Production Expenditures, Economic Class Gross Sales \$500,000-\$999,999 by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

[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	
<b>'</b>	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	40.5	40.9	46,352	45,004	3,450	3,450	
Feed	50.2	50.9	81,016	73,963	6,030	5,670	
Farm services	100.0	100.0	76,582	77,615	5,700	5,950	
Rent	77.5	79.8	76,851	89,616	5,720	6,870	
Agricultural chemicals		88.4	34,932	33,003	2,600	2,530	
Fertilizer, lime and soil conditioners	85.1	84.9	63,147	67,702	4,700	5,190	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	79.6 100.0 78.0 99.5 98.9 80.2	77.7 99.6 74.8 99.5 99.2 80.4	23,109 18,003 56,026 31,305 34,126 22,840	21,002 18,915 52,178 31,438 35,351 23,741	1,720 1,340 4,170 2,330 2,540 1,700	1,610 1,450 4,000 2,410 2,710 1,820	
Tractors and self-propelled farm machinery	47.0	46.2	27,274	30,133	2,030	2,310	
Other farm machinery	48.2	49.1	13,301	14,610	990	1,120	
Seeds and plants	82.9	83.7	49,039	51,265	3,650	3,930	
Trucks and autos	41.1	39.2	8,196	7,175	610	550	
Miscellaneous capital expenses	25.0	21.7	537	391	40	30	
Total farm production expenditures	100.0	100.0	662,636	673,102	49,320	51,600	

## Farm Production Expenditures, Economic Class Gross Sales \$1,000,000-\$4,999,999 by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
· ·	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	52.0	54.0	181,979	194,209	8,220	8,720	
Feed	57.4	61.3	328,315	377,506	14,830	16,950	
Farm services	100.0	100.0	196,369	210,690	8,870	9,460	
Rent	72.1	75.7	141,023	173,497	6,370	7,790	
Agricultural chemicals	87.0	85.5	73,721	70,156	3,330	3,150	
Fertilizer, lime and soil conditioners	79.6	81.6	117,335	126,949	5,300	5,700	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	82.3 99.9 89.9 99.5 98.9 86.3	82.4 99.8 88.9 99.0 98.1 82.1	51,362 32,765 187,292 66,194 69,294 50,255	47,439 35,189 173,051 70,601 74,833 48,330	2,320 1,480 8,460 2,990 3,130 2,270	2,130 1,580 7,770 3,170 3,360 2,170	
Tractors and self-propelled farm machinery	46.9	48.2	42,506	48,107	1,920	2,160	
Other farm machinery	48.9	49.2	21,917	20,935	990	940	
Seeds and plants	78.6	80.2	95,417	98,886	4,310	4,440	
Trucks and autos	44.3	46.0	12,176	13,363	550	600	
Miscellaneous capital expenses	25.3	22.4	886	668	40	30	
Total farm production expenditures	100.0	100.0	1,668,807	1,784,410	75,380	80,120	

# Farm Production Expenditures, Economic Class Gross Sales \$5,000,000 and Over by Farms Reporting, Average per Farm, and Total – United States: 2009 and 2010

	Far	ms	Avei	rage	То	tal
Expenditure	repoi	ting	per f	arm	expend	ditures
·	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	56.6	51.6	1,773,737	1,390,782	8,780	6,940
Feed	67.7	64.3	3,054,545	2,889,780	15,120	14,420
Farm services	100.0	100.0	1,246,465	1,232,465	6,170	6,150
Rent	63.7	65.1	317,172	428,858	1,570	2,140
Agricultural chemicals	75.7	84.4	276,768	274,549	1,370	1,370
Fertilizer, lime and soil conditioners	65.6	74.6	301,010	362,725	1,490	1,810
Interest	79.9	82.1	200,000	256,513	990	1,280
Taxes	100.0	100.0	92,929	132,265	460	660
Labor	98.1	96.7	1,692,929	1,753,507	8,380	8,750
Fuels	98.9	98.9	224,242	276,553	1,110	1,380
Farm supplies and repairs	99.6	98.6	454,545	398,798	2,250	1,990
Farm improvements and construction	87.9	90.7	224,242	260,521	1,110	1,300
Tractors and self-propelled farm machinery	46.9	51.5	80,808	108,216	400	540
Other farm machinery	40.6	46.6	36,364	50,100	180	250
Seeds and plants	64.1	76.7	307,071	364,729	1,520	1,820
Trucks and autos	41.7	50.7	26,263	32,064	130	160
Miscellaneous capital expenses	20.0	18.7	2,020	4,008	10	20
Total farm production expenditures	100.0	100.0	10,311,111	10,216,433	51,040	50,980

State and	Total pro		Livestock and related		Fe	ed
region	2009	2010	2009	2010	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Atlantic						
North Carolina	8,640	8,480	1,430	1,560	2,720	2,670
Other States	26,850	27,550	1,650	1,620	4,300	4,920
Total	35,490	36,030	3,080	3,180	7,020	7,590
South						
Arkansas	6,770	7,680	640	680	1,870	2,170
Florida	6,080	6,160	100	90	420	470
Georgia	5,560	6,260	570	610	1,660	2,170
Other States	12,940	13,540	1,280	1,070	3,190	3,610
Total	31,350	33,640	2,590	2,450	7,140	8,420
Midwest						
Illinois	14,410	14,810	500	420	710	720
Indiana	8,390	8,560	250	250	1,140	1,090
lowa	21,940	21,620	3,160	2,690	3,860	3,660
Minnesota	13,540	13,430	1,050	990	1,690	1,700
Missouri	7,520	7,540	590	640	1,060	1,040
Wisconsin	8,980	8,610	340	370	1,310	1,330
Other States	13,230	13,090	510	420	1,540	1,630
Total	88,010	87,660	6,400	5,780	11,310	11,170
Plains						
Kansas	11,990	11,700	2,700	2,200	1,910	1,550
Nebraska	15,310	15,970	3,150	3,700	2,050	1,780
Texas	20,660	20,400	3,500	3,100	4,600	3,870
Other States	20,090	19,990	2,130	1,780	1,940	1,680
Total	68,050	68,060	11,480	10,780	10,500	8,880
West						
California	29,480	30,320	700	550	4,000	4,450
Washington	6,850	6,780	90	70	570	660
Other States	28,170	26,500	1,560	1,590	4,460	4,230
Total	64,500	63,600	2,350	2,210	9,030	9,340
United States	287,400	288,990	25,900	24,400	45,000	45,400

[FOI delimitions of terms used in t			n page 53. Excluding Alaska and Hawaii. To		Totals may not add due to rounding		
State and	Total pro expend		Livestock and related		Fe	ed	
region	2009	2010	2009	2010	2009	2010	
	(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	16.6	18.4	31.5	31.5	
Other States	100.0	100.0	6.1	5.9	16.0	17.9	
Total	100.0	100.0	8.7	8.8	19.8	21.1	
South							
Arkansas	100.0	100.0	9.5	8.9	27.6	28.3	
Florida	100.0	100.0	1.6	1.5	6.9	7.6	
Georgia	100.0	100.0	10.3	9.7	29.9	34.7	
Other States	100.0	100.0	9.9	7.9	24.7	26.7	
Total	100.0	100.0	8.3	7.3	22.8	25.0	
Midwest							
Illinois	100.0	100.0	3.5	2.8	4.9	4.9	
Indiana	100.0	100.0	3.0	2.9	13.6	12.7	
lowa	100.0	100.0	14.4	12.4	17.6	16.9	
Minnesota	100.0	100.0	7.8	7.4	12.5	12.7	
Missouri	100.0	100.0	7.8	8.5	14.1	13.8	
Wisconsin	100.0	100.0	3.8	4.3	14.6	15.4	
Other States	100.0	100.0	3.9	3.2	11.6	12.5	
Total	100.0	100.0	7.3	6.6	12.9	12.7	
Plains							
Kansas	100.0	100.0	22.5	18.8	15.9	13.2	
Nebraska	100.0	100.0	20.6	23.2	13.4	11.1	
Texas	100.0	100.0	16.9	15.2	22.3	19.0	
Other States	100.0	100.0	10.6	8.9	9.7	8.4	
Total	100.0	100.0	16.9	15.8	15.4	13.0	
West							
California	100.0	100.0	2.4	1.8	13.6	14.7	
Washington	100.0	100.0	1.3	1.0	8.3	9.7	
Other States	100.0	100.0	5.5	6.0	15.8	16.0	
Total	100.0	100.0	3.6	3.5	14.0	14.7	
United States	100.0	100.0	9.0	8.4	15.7	15.7	

## Farm Production Expenditures – Region, State, and United States: 2009 and 2010 (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	Farm so	ervices	Re	ent		ultural nicals	
region	2009	2010	2009	2010	2009	2010	
	(million dollars)						
Atlantic							
North Carolina	830	850	210	250	290	260	
Other States	3,650	3,530	900	1,070	760	680	
Total	4,480	4,380	1,110	1,320	1,050	940	
South							
Arkansas	810	910	550	650	410	380	
Florida	950	1,040	170	160	380	310	
Georgia	590	630	190	180	300	300	
Other States	1,630	1,810	720	820	740	700	
Total	3,980	4,390	1,630	1,810	1,830	1,690	
Midwest							
Illinois	1,350	1,240	2,990	3,340	850	760	
Indiana	730	710	1,100	1,240	450	410	
lowa	1,890	1,800	2,920	3,290	810	720	
Minnesota	1,490	1,390	1,430	1,620	530	500	
Missouri	770	760	800	890	310	270	
Wisconsin	1,270	1,260	410	440	260	230	
Other States	1,430	1,350	1,130	1,290	560	470	
Total	8,930	8,510	10,780	12,110	3,770	3,360	
Plains							
Kansas	1,150	1,090	1,020	1,300	420	400	
Nebraska	1,360	1,370	1,690	1,930	520	500	
Texas	2,490	2,550	980	1,280	460	480	
Other States	2,630	2,310	1,930	2,170	1,000	880	
Total	7,630	7,320	5,620	6,680	2,400	2,260	
West							
California	5,680	5,730	1,440	1,580	1,300	1,190	
Washington	1,410	1,270	350	490	350	350	
Other States	4,290	4,100	1,670	1,910	800	810	
Total	11,380	11,100	3,460	3,980	2,450	2,350	
United States	36,400	35,700	22,600	25,900	11,500	10,600	

State and	Farm s		Rent		Agricultural chemicals	
region	2009	2010	2009	2010	2009	2010
	(percent of total)	(percent of total)				
Atlantic						
North Carolina	9.6	10.0	2.4	2.9	3.4	3.1
Other States	13.6	12.8	3.4	3.9	2.8	2.5
Total	12.6	12.2	3.1	3.7	3.0	2.6
South						
Arkansas	12.0	11.8	8.1	8.5	6.1	4.9
Florida	15.6	16.9	2.8	2.6	6.3	5.0
Georgia	10.6	10.1	3.4	2.9	5.4	4.8
Other States	12.6	13.4	5.6	6.1	5.7	5.2
Total	12.7	13.0	5.2	5.4	5.8	5.0
Midwest						
Illinois	9.4	8.4	20.7	22.6	5.9	5.1
Indiana	8.7	8.3	13.1	14.5	5.4	4.8
lowa	8.6	8.3	13.3	15.2	3.7	3.3
Minnesota	11.0	10.3	10.6	12.1	3.9	3.7
Missouri	10.2	10.1	10.6	11.8	4.1	3.6
Wisconsin	14.1	14.6	4.6	5.1	2.9	2.7
Other States	10.8	10.3	8.5	9.9	4.2	3.6
Total	10.1	9.7	12.2	13.8	4.3	3.8
Plains						
Kansas	9.6	9.3	8.5	11.1	3.5	3.4
Nebraska	8.9	8.6	11.0	12.1	3.4	3.1
Texas	12.1	12.5	4.7	6.3	2.2	2.4
Other States	13.1	11.6	9.6	10.9	5.0	4.4
Total	11.2	10.8	8.3	9.8	3.5	3.3
West						
California	19.3	18.9	4.9	5.2	4.4	3.9
Washington	20.6	18.7	5.1	7.2	5.1	5.2
Other States	15.2	15.5	5.9	7.2	2.8	3.1
Total	17.6	17.5	5.4	6.3	3.8	3.7
United States	12.7	12.4	7.9	9.0	4.0	3.7

[For definitions of terms used in t	his table, see Terms	and Definitions on	page 53. Excluding Alaska and Hawaii. To		otals may not add due to rounding		
State and	Fertilizer soil cond		Inte	rest	Taxes (re and pre		
region	2009	2010	2009	2010	2009	2010	
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	
Atlantic							
North Carolina	410	390	210	180	240	200	
Other States	1,360	1,490	1,060	930	1,290	1,320	
Total	1,770	1,880	1,270	1,110	1,530	1,520	
South							
Arkansas	380	410	220	210	130	150	
Florida	470	420	180	170	230	260	
Georgia	410	340	170	120	170	150	
Other States	750	810	340	350	270	270	
Total	2,010	1,980	910	850	800	830	
Midwest							
Illinois	1,870	2,000	560	540	540	560	
Indiana	1,060	1,140	350	350	350	350	
lowa	1,700	1,810	870	790	670	710	
Minnesota	1,270	1,270	580	530	480	480	
Missouri	710	720	320	290	310	300	
Wisconsin	580	560	460	470	380	410	
Other States	1,370	1,470	590	480	540	540	
Total	8,560	8,970	3,730	3,450	3,270	3,350	
Plains							
Kansas	800	1,040	420	410	400	470	
Nebraska	1,220	1,180	540	470	710	780	
Texas	900	960	640	550	980	1,020	
Other States	1,740	1,770	900	830	700	750	
Total	4,660	4,950	2,500	2,260	2,790	3,020	
West							
California	1,240	1,350	1,090	1,100	880	920	
Washington	370	410	250	230	240	250	
Other States	1,490	1,460	1,250	1,200	890	910	
Total	3,100	3,220	2,590	2,530	2,010	2,080	
United States	20,100	21,000	11,000	10,200	10,400	10,800	

nis table, see Terms	and Definitions on	page 53. Excluding	Alaska and Hawaii.	l otals may not add o	due to rounding]
		Inte	rest	\	
2009	2010	2009	2010	2009	2010
(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)
4.7	4.6	2.4	2.1	2.8	2.4
5.1	5.4	3.9	3.4	4.8	4.8
5.0	5.2	3.6	3.1	4.3	4.2
5.6	5.3	3.2	2.7	1.9	2.0
7.7	6.8	3.0	2.8	3.8	4.2
7.4	5.4	3.1	1.9	3.1	2.4
5.8	6.0	2.6	2.6	2.1	2.0
6.4	5.9	2.9	2.5	2.6	2.5
13.0	13.5	3.9	3.6	3.7	3.8
12.6	13.3	4.2	4.1	4.2	4.1
7.7	8.4	4.0	3.7	3.1	3.3
9.4	9.5	4.3	3.9	3.5	3.6
9.4	9.5	4.3	3.8	4.1	4.0
6.5	6.5	5.1	5.5	4.2	4.8
10.4	11.2	4.5	3.7	4.1	4.1
9.7	10.2	4.2	3.9	3.7	3.8
6.7	8.9	3.5	3.5	3.3	4.0
8.0	7.4	3.5	2.9	4.6	4.9
4.4	4.7	3.1	2.7	4.7	5.0
8.7	8.9	4.5	4.2	3.5	3.8
6.8	7.3	3.7	3.3	4.1	4.4
4.2	4.5	3.7	3.6	3.0	3.0
5.4	6.0	3.6	3.4	3.5	3.7
5.3	5.5	4.4	4.5	3.2	3.4
4.8	5.1	4.0	4.0	3.1	3.3
7.0	7.3	3.8	3.5	3.6	3.7
	Fertilizer soil conditions 2009  (percent of total)  4.7 5.1 5.0  5.6 7.7 7.4 5.8 6.4  13.0 12.6 7.7 9.4 9.4 6.5 10.4 9.7  6.7 8.0 4.4 8.7 6.8	Fertilizer lime and soil conditioners  2009 2010  (percent of total) (percent of total)  4.7 4.6 5.1 5.4 5.0 5.2  5.6 5.3 7.7 6.8 7.4 5.4 5.8 6.0 6.4 5.9  13.0 13.5 12.6 13.3 7.7 8.4 9.4 9.5 9.4 9.5 9.4 9.5 6.5 10.4 11.2 9.7 10.2  6.7 8.9 8.0 7.4 4.4 4.7 8.7 8.9 6.8 7.3  4.2 4.5 5.4 6.0 5.3 5.5 4.8 5.1	Fertilizer lime and soil conditioners    2009   2010   2009	Fertilizer lime and soil conditioners         Interest           2009         2010         2009         2010           (percent of total)         (percent of total)         (percent of total)         (percent of total)           4.7         4.6         2.4         2.1           5.1         5.4         3.9         3.4           5.0         5.2         3.6         3.1           5.6         5.3         3.2         2.7           7.7         6.8         3.0         2.8           7.4         5.4         3.1         1.9           5.8         6.0         2.6         2.6           6.4         5.9         2.9         2.5           13.0         13.5         3.9         3.6           12.6         13.3         4.2         4.1           7.7         8.4         4.0         3.7           9.4         9.5         4.3         3.8           6.5         6.5         5.1         5.5           10.4         11.2         4.5         3.7           9.7         10.2         4.2         3.9           6.7         8.9         3.5         3.5	Soil conditioners   Soil conditioners   Soil conditioners   2009   2010   2009   2010   2009   2010   2009   2010   2009   2010   2009   2010   2009   2010   2009   2010   2009   2010   2009   2010   2009   2010   201

## Farm Production Expenditures – Region, State, and United States: 2009 and 2010 (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	Lab		Fu		Farm supplies and repairs		
region	2009	2010	2009	2010	2009	2010	
	(million dollars)	(million dollars)					
Atlantic							
North Carolina	730	550	360	370	360	290	
Other States	3,190	3,060	1,220	1,270	1,950	2,160	
Total	3,920	3,610	1,580	1,640	2,310	2,450	
South							
Arkansas	280	310	360	420	270	330	
Florida	1,770	1,820	270	250	330	310	
Georgia	420	420	270	290	240	260	
Other States	800	810	640	670	630	690	
Total	3,270	3,360	1,540	1,630	1,470	1,590	
Midwest							
Illinois	540	490	650	640	660	640	
Indiana	380	390	380	370	400	440	
lowa	630	650	750	740	840	870	
Minnesota	760	690	720	650	770	830	
Missouri	330	310	390	390	400	440	
Wisconsin	900	780	420	410	690	680	
Other States	1,160	900	580	560	830	830	
Total	4,700	4,210	3,890	3,760	4,590	4,730	
Plains							
Kansas	470	400	500	520	550	530	
Nebraska	610	510	580	590	730	750	
Texas	1,500	1,510	940	1,080	900	990	
Other States	820	700	1,010	1,080	1,120	1,240	
Total	3,400	3,120	3,030	3,270	3,300	3,510	
West							
California	7,830	8,120	880	1,030	1,610	1,500	
Washington	1,560	1,430	280	270	440	440	
Other States	4,120	3,550	1,200	1,300	1,780	1,680	
Total	13,510	13,100	2,360	2,600	3,830	3,620	
United States	28,800	27,400	12,400	12,900	15,500	15,900	

State and	Lal		Fu		Farm supplies and repairs		
region	2009	2010	2009	2010	2009	2010	
	(percent of total)	(percent of total)					
Atlantic							
North Carolina	8.4	6.5	4.2	4.4	4.2	3.4	
Other States	11.9	11.1	4.5	4.6	7.3	7.8	
Total	11.0	10.0	4.5	4.6	6.5	6.8	
South							
Arkansas	4.1	4.0	5.3	5.5	4.0	4.3	
Florida	29.1	29.5	4.4	4.1	5.4	5.0	
Georgia		6.7	4.9	4.6	4.3	4.2	
Other States		6.0	4.9	4.9	4.9	5.1	
Total	10.4	10.0	4.9	4.8	4.7	4.7	
Midwest							
Illinois	3.7	3.3	4.5	4.3	4.6	4.3	
Indiana	-	4.6	4.5	4.3	4.8	5.1	
lowa	2.9	3.0	3.4	3.4	3.8	4.0	
Minnesota	5.6	5.1	5.3	4.8	5.7	6.2	
Missouri	4.4	4.1	5.2	5.2	5.3	5.8	
Wisconsin	10.0	9.1	4.7	4.8	7.7	7.9	
Other States		6.9	4.4	4.3	6.3	6.3	
Total	5.3	4.8	4.4	4.3	5.2	5.4	
Plains							
Kansas	3.9	3.4	4.2	4.4	4.6	4.5	
Nebraska	4.0	3.2	3.8	3.7	4.8	4.7	
Texas	7.3	7.4	4.5	5.3	4.4	4.9	
Other States	4.1	3.5	5.0	5.4	5.6	6.2	
Total	5.0	4.6	4.5	4.8	4.8	5.2	
West							
California	26.6	26.8	3.0	3.4	5.5	4.9	
Washington		21.1	4.1	4.0	6.4	6.5	
Other States	14.6	13.4	4.3	4.9	6.3	6.3	
Total	20.9	20.6	3.7	4.1	5.9	5.7	
United States	10.0	9.5	4.3	4.5	5.4	5.5	

State and	Farm improv		Tractors and s		Other mach	
region	2009	2010	2009	2010	2009	2010
	(million dollars)					
Atlantic						
North Carolina	290	250	140	210	70	60
Other States	2,250	1,810	990	1,310	490	600
Total	2,540	2,060	1,130	1,520	560	660
South						
Arkansas	180	230	140	260	60	80
Florida	230	210	100	90	30	40
Georgia	140	180	100	200	30	50
Other States	430	500	500	470	150	140
Total	980	1,120	840	1,020	270	310
Midwest						
Illinois	590	590	600	700	310	340
Indiana	430	410	280	310	190	180
lowa	900	800	740	880	400	410
Minnesota	630	570	460	530	300	290
Missouri	430	340	290	340	150	170
Wisconsin	740	510	340	310	230	220
Other States	760	760	650	820	350	390
Total	4,480	3,980	3,360	3,890	1,930	2,000
Plains						
Kansas	380	400	390	440	200	220
Nebraska	470	460	390	470	220	270
Texas	920	890	680	780	270	290
Other States	930	1,030	1,040	1,420	600	680
Total	2,700	2,780	2,500	3,110	1,290	1,460
West						
California	1,030	1,050	400	360	170	170
Washington	400	410	160	140	60	40
Other States	1,970	1,200	910	860	420	360
Total	3,400	2,660	1,470	1,360	650	570
United States	14,100	12,600	9,300	10,900	4,700	5,000

State and		vements and ruction	Tractors and farm ma		Other farm machinery		
region	2009	2010	2009	2010	2009	2010	
	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)	
Atlantic							
North Carolina	3.4	2.9	1.6	2.5	0.8	0.7	
Other States	8.4	6.6	3.7	4.8	1.8	2.2	
Total	7.2	5.7	3.2	4.2	1.6	1.8	
South							
Arkansas	2.7	3.0	2.1	3.4	0.9	1.0	
Florida	3.8	3.4	1.6	1.5	0.5	0.6	
Georgia	2.5	2.9	1.8	3.2	0.5	0.8	
Other States	3.3	3.7	3.9	3.5	1.2	1.0	
Total	3.1	3.3	2.7	3.0	0.9	0.9	
Midwest							
Illinois	4.1	4.0	4.2	4.7	2.2	2.3	
Indiana	5.1	4.8	3.3	3.6	2.3	2.1	
lowa	4.1	3.7	3.4	4.1	1.8	1.9	
Minnesota	4.7	4.2	3.4	3.9	2.2	2.2	
Missouri	5.7	4.5	3.9	4.5	2.0	2.3	
Wisconsin	8.2	5.9	3.8	3.6	2.6	2.6	
Other States	5.7	5.8	4.9	6.3	2.6	3.0	
Total	5.1	4.5	3.8	4.4	2.2	2.3	
Plains							
Kansas	3.2	3.4	3.3	3.8	1.7	1.9	
Nebraska	3.1	2.9	2.5	2.9	1.4	1.7	
Texas	4.5	4.4	3.3	3.8	1.3	1.4	
Other States	4.6	5.2	5.2	7.1	3.0	3.4	
Total	4.0	4.1	3.7	4.6	1.9	2.1	
West							
California	3.5	3.5	1.4	1.2	0.6	0.6	
Washington	5.8	6.0	2.3	2.1	0.9	0.6	
Other States	7.0	4.5	3.2	3.2	1.5	1.4	
Total	5.3	4.2	2.3	2.1	1.0	0.9	
United States	4.9	4.4	3.2	3.8	1.6	1.7	

## Farm Production Expenditures – Region, State, and United States: 2009 and 2010 (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	Seeds ar		Trucks a		Misc. capital expenses		
region	2009	2010	2009	2010 2009		2010	
	(million dollars)	(million dollars)					
Atlantic							
North Carolina	280	300	70	80	(Z)	10	
Other States	1,280	1,250	480	490	`3Ó	40	
Total	1,560	1,550	550	570	30	50	
South							
Arkansas	390	380	80	110	(Z)	(Z)	
Florida	400	450	50	60	(Z)	10	
Georgia	250	270	50	80	(Z)	10	
Other States	570	620	290	200	10	(Z)	
Total	1,610	1,720	470	450	10	20	
Midwest							
Illinois	1,520	1,660	160	160	10	10	
Indiana	790	830	100	80	10	10	
lowa	1,540	1,600	250	190	10	10	
Minnesota	1,200	1,230	170	150	10	10	
Missouri	580	540	80	100	(Z)	(Z)	
Wisconsin	500	530	140	100	10	(Z)	
Other States	1,050	1,060	170	110	10	10	
Total	7,180	7,450	1,070	890	60	50	
Plains							
Kansas	490	550	180	180	10	(Z)	
Nebraska	870	1,000	190	200	10	10	
Texas	560	690	330	350	10	10	
Other States	1,180	1,240	410	420	10	10	
Total	3,100	3,480	1,110	1,150	40	30	
West							
California	970	980	240	230	20	10	
Washington	230	250	80	60	10	10	
Other States	850	870	480	450	30	20	
Total	2,050	2,100	800	740	60	40	
United States	15,500	16,300	4,000	3,800	200	190	

See footnote(s) at end of table.

## Farm Production Expenditures – Region, State, and United States: 2009 and 2010 (continued)

For definitions of terms used in t	this table, see Terms and Definitions on page 53. Excluding Alaska and Hawaii.				otals may not add due to rounding			
State and	Seeds a	nd plants	Trucks a	nd autos	Misc. capital expenses			
region	2009	2010	2009	2010	2009	2010		
	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)	(percent of total)		
Atlantic								
North Carolina	3.2	3.5	0.8	0.9	(Z)	0.1		
Other States	4.8	4.5	1.8	1.8	0.1	0.1		
Total	4.4	4.3	1.5	1.6	0.1	0.1		
South								
Arkansas	5.8	4.9	1.2	1.4	(Z)	(Z)		
Florida	6.6	7.3	0.8	1.0	(Z)	Ò.2		
Georgia	4.5	4.3	0.9	1.3	(Z)	0.2		
Other States	4.4	4.6	2.2	1.5	0.1	(Z)		
Total	5.1	5.1	1.5	1.3	(Z)	0.1		
Midwest								
Illinois	10.5	11.2	1.1	1.1	0.1	0.1		
Indiana	9.4	9.7	1.2	0.9	0.1	0.1		
lowa	7.0	7.4	1.1	0.9	(Z)	(Z)		
Minnesota	8.9	9.2	1.3	1.1	0.1	0.1		
Missouri	7.7	7.2	1.1	1.3	(Z)	(Z)		
Wisconsin	5.6	6.2	1.6	1.2	0.1	(Z)		
Other States	7.9	8.1	1.3	0.8	0.1	0.1		
Total	8.2	8.5	1.2	1.0	0.1	0.1		
Plains								
Kansas	4.1	4.7	1.5	1.5	0.1	(Z)		
Nebraska	5.7	6.3	1.2	1.3	0.1	0.1		
Texas	2.7	3.4	1.6	1.7	(Z)	(Z)		
Other States	5.9	6.2	2.0	2.1	(Z)	0.1		
Total	4.6	5.1	1.6	1.7	0.1	(Z)		
West								
California	3.3	3.2	0.8	0.8	0.1	(Z)		
Washington	3.4	3.7	1.2	0.9	0.1	0.1		
Other States	3.0	3.3	1.7	1.7	0.1	0.1		
Total	3.2	3.3	1.2	1.2	0.1	0.1		
United States	5.4	5.6	1.4	1.3	0.1	0.1		

<sup>(</sup>Z) Less than half of the unit shown.

# Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Atlantic Region: 2009 and 2010

[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	
Experialitire	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	24.9	22.6	6,917	7,148	3,080	3,180	
Feed	62.7	58.5	15,766	17,062	7,020	7,590	
Farm services	94.5	94.3	10,062	9,846	4,480	4,380	
Rent	22.7	21.7	2,493	2,967	1,110	1,320	
Agricultural chemicals	40.4	33.1	2,358	2,113	1,050	940	
Fertilizer, lime and soil conditioners	51.2	52.6	3,975	4,226	1,770	1,880	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	30.7 99.9 27.1 86.7 86.6 52.6	27.0 99.9 27.5 88.0 86.4 50.1	2,852 3,436 8,804 3,549 5,188 5,705	2,495 3,417 8,115 3,687 5,507 4,631	1,270 1,530 3,920 1,580 2,310 2,540	1,110 1,520 3,610 1,640 2,450 2,060	
Tractors and self-propelled farm machinery	15.6	16.7	2,538	3,417	1,130	1,520	
Other farm machinery	17.2	20.6	1,258	1,484	560	660	
Seeds and plants	40.1	38.0	3,504	3,484	1,560	1,550	
Trucks and autos	15.4	15.3	1,235	1,281	550	570	
Miscellaneous capital expenses	6.2	6.4	67	112	30	50	
Total farm production expenditures	100.0	100.0	79,708	80,994	35,490	36,030	

### Total Farm Production Expenditures by Year - Atlantic Region: 2006-2010

Expenditure	2006	2007	2008	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	2,740	2,910	3,060	3,080	3,180
Feed	5,270	6,730	8,250	7,020	7,590
Farm services	3,870	4,480	4,800	4,480	4,380
Rent	950	1,060	1,120	1,110	1,320
Agricultural chemicals	830	980	970	1,050	940
Fertilizer, lime and soil conditioners	1,400	1,620	2,090	1,770	1,880
Interest	1,260	1,500	1,490	1,270	1,110
Taxes	1,360	1,600	1,770	1,530	1,520
Labor	3,620	4,400	4,110	3,920	3,610
Fuels	1,460	1,760	1,980	1,580	1,640
Farm supplies and repairs	2,010	2,340	2,180	2,310	2,450
Farm improvements and construction	2,590	2,750	2,620	2,540	2,060
Tractors and self-propelled farm machinery	1.020	1,020	1.350	1,130	1,520
Other farm machinery	580	600	780	560	660
Seeds and plants	1.240	1,540	1.700	1,560	1,550
Trucks and autos	630	540	580	550	570
Miscellaneous capital expenses	20	50	30	30	50
Total farm production expenditures	30,850	35,880	38,880	35,490	36,030

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – North Carolina: 2009 and 2010

[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	
Experialitie	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	30.1	28.5	27,290	29,771	1,430	1,560	
Feed	59.8	63.9	51,908	50,954	2,720	2,670	
Farm services	91.7	88.2	15,840	16,221	830	850	
Rent	26.8	31.2	4,008	4,771	210	250	
Agricultural chemicals	48.3	46.2	5,534	4,962	290	260	
Fertilizer, lime and soil conditioners	60.8	62.1	7,824	7,443	410	390	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	29.1 100.0 29.8 86.5 90.0 56.6	22.4 99.8 27.9 87.1 84.6 58.0	4,008 4,580 13,931 6,870 6,870 5,534	3,435 3,817 10,496 7,061 5,534 4,771	210 240 730 360 360 290	180 200 550 370 290 250	
Tractors and self-propelled farm machinery	24.9	23.1	2,672	4,008	140	210	
Other farm machinery	24.6	22.4	1,336	1,145	70	60	
Seeds and plants	41.2	42.7	5,344	5,725	280	300	
Trucks and autos	23.1	26.3	1,336	1,527	70	80	
Miscellaneous capital expenses	15.6	16.1	(X)	191	(Z)	10	
Total farm production expenditures	100.0	100.0	164,885	161,832	8,640	8,480	

<sup>(</sup>X) Not applicable.

# Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Atlantic Region: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	24.2	21.8	4,200	4,128	1,650	1,620	
Feed	63.1	57.8	10,946	12,537	4,300	4,920	
Farm services	94.9	95.2	9,291	8,995	3,650	3,530	
Rent	22.2	20.5	2,291	2,726	900	1,070	
Agricultural chemicals	39.3	31.3	1,935	1,733	760	680	
Fertilizer, lime and soil conditioners	49.9	51.3	3,462	3,797	1,360	1,490	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction  Tractors and self-propelled farm machinery Other farm machinery Seeds and plants	52.1 14.3 16.2 40.0	27.6 99.9 27.5 88.1 86.7 49.0 15.8 20.4 37.4	2,698 3,284 8,120 3,106 4,964 5,727 2,520 1,247 3,258	2,370 3,363 7,797 3,236 5,504 4,612 3,338 1,529 3,185	1,060 1,290 3,190 1,220 1,950 2,250 990 490 1,280	930 1,320 3,060 1,270 2,160 1,810 1,310 600 1,250	
Trucks and autos	14.3	13.8	1,222	1,249	480	490	
Miscellaneous capital expenses	4.9	5.1	76	102	30	40	
Total farm production expenditures	100.0	100.0	68,347	70,200	26,850	27,550	

<sup>(</sup>Z) Less than half of the unit shown.

# Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – South Region: 2009 and 2010

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

Expenditure		rms orting	Average per farm		Total expenditures	
'	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	22.4	20.3	8,870	8,388	2,590	2,450
Feed	63.6	65.0	24,452	28,826	7,140	8,420
Farm services	92.1	94.6	13,630	15,029	3,980	4,390
Rent	19.8	20.9	5,582	6,197	1,630	1,810
Agricultural chemicals	39.9	42.9	6,267	5,786	1,830	1,690
Fertilizer, lime and soil conditioners	51.0	54.3	6,884	6,779	2,010	1,980
Interest	27.0 98.6	26.6 97.9	3,116 2,740	2,910 2,841	910 800	850 830
Labor	26.9	28.8	11,199	11.503	3.270	3.360
Fuels	84.2	86.4	5,274	5,580	1,540	1,630
Farm supplies and repairs	79.0	82.0	5,034	5,443	1,470	1,590
Farm improvements and construction	47.0	50.1	3,356	3,834	980	1,120
Tractors and self-propelled farm machinery	15.5	16.1	2,877	3,492	840	1,020
Other farm machinery	14.7	17.0	925	1,061	270	310
Seeds and plants	28.9	32.3	5,514	5,888	1,610	1,720
Trucks and autos	15.6	15.4	1,610	1,541	470	450
Miscellaneous capital expenses	8.0	9.7	34	68	10	20
Total farm production expenditures	100.0	100.0	107,363	115,166	31,350	33,640

### Total Farm Production Expenditures by Year - South Region: 2006-2010

Expenditure	2006	2007	2008	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	2,300	2,180	2,480	2,590	2,450
Feed	5,500	6,290	7,220	7,140	8,420
Farm services	3,930	4,560	4,370	3,980	4,390
Rent	1,260	1,560	1,650	1,630	1,810
Agricultural chemicals	1,400	1,670	1,660	1,830	1,690
Fertilizer, lime and soil conditioners	1,440	2,030	2,320	2,010	1,980
Interest	890	1,150	1,060	910	850
Taxes	630	830	790	800	830
Labor	3,050	3,610	3,750	3,270	3,360
Fuels	1,410	1,760	1,960	1,540	1,630
Farm supplies and repairs	1,430	1,630	1,640	1,470	1,590
Farm improvements and construction	1,130	1,240	1,350	980	1,120
Tractors and self-propelled farm machinery	770	920	990	840	1,020
Other farm machinery	320	310	350	270	310
Seeds and plants	1,430	1,480	1,630	1,610	1,720
Trucks and autos	410	510	540	470	450
Miscellaneous capital expenses	10	10	10	10	20
Total farm production expenditures	27,310	31,740	33,770	31,350	33,640

#### Farm Production Expenditures by Farms Reporting, Average per Farm, and Total - Arkansas: 2009 and 2010

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

Expenditure		ms rting	Average per farm		Total expenditures	
Experialitie	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	30.8	25.2	13,035	13,793	640	680
Feed	68.8	65.5	38,086	44,016	1,870	2,170
Farm services	96.6	94.6	16,497	18,458	810	910
Rent	26.5	22.6	11,202	13,185	550	650
Agricultural chemicals	37.6	33.5	8,350	7,708	410	380
Fertilizer, lime and soil conditioners	43.8	40.0	7,739	8,316	380	410
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	34.7 100.0 29.0 83.8 83.0 50.2	36.4 100.0 28.7 81.0 78.3 49.0	4,481 2,648 5,703 7,332 5,499 3,666	4,260 3,043 6,288 8,519 6,694 4,665	220 130 280 360 270 180	210 150 310 420 330 230
Tractors and self-propelled farm machinery	21.1	24.6	2,851	5,274	140	260
Other farm machinery	20.6	22.4	1,222	1,623	60	80
Seeds and plants	19.7	23.9	7,943	7,708	390	380
Trucks and autos	20.3	23.2	1,629	2,231	80	110
Miscellaneous capital expenses	16.0	17.1	(X)	(X)	(Z)	(Z)
Total farm production expenditures	100.0	100.0	137,882	155,781	6,770	7,680

<sup>(</sup>X) Not applicable.

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Florida: 2009 and 2010

Expenditure	Farms reporting		Ave per	rage farm	To expend	
	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	15.6	11.3	2,105	1,895	100	90
Feed	62.0	57.1	8,842	9,895	420	470
Farm services	95.2	95.5	20,000	21,895	950	1,040
Rent	12.6	9.2	3,579	3,368	170	160
Agricultural chemicals	47.5	40.4	8,000	6,526	380	310
Fertilizer, lime and soil conditioners	59.9	46.5	9,895	8,842	470	420
Interest	22.9 99.9	21.5 100.0	3,789 4,842	3,579 5,474	180 230	170 260
Taxes Labor	30.0	26.3	37,263	38,316	1,770	1.820
Fuels	84.1	87.1	5.684	5,263	270	250
Farm supplies and repairs	83.1	77.9	6,947	6,526	330	310
Farm improvements and construction	53.8	46.0	4,842	4,421	230	210
Tractors and self-propelled farm machinery	13.8	12.6	2,105	1,895	100	90
Other farm machinery	11.4	13.9	632	842	30	40
Seeds and plants	28.6	24.1	8,421	9,474	400	450
Trucks and autos	11.7	15.8	1,053	1,263	50	60
Miscellaneous capital expenses	10.2	11.8	(X)	211	(Z)	10
Total farm production expenditures	100.0	100.0	128,000	129,684	6,080	6,160

<sup>(</sup>Z) Less than half of the unit shown.

<sup>(</sup>X) Not applicable. (Z) Less than half of the unit shown.

### Farm Production Expenditures by Farms Reporting, Average per Farm, and Total - Georgia: 2009 and 2010

[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		tal ditures
·	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	19.9	22.9	11,975	12,869	570	610
Feed	59.1	63.0	34,874	45,781	1,660	2,170
Farm services	87.7	91.6	12,395	13,291	590	630
Rent	21.8	23.3	3,992	3,797	190	180
Agricultural chemicals	36.2	49.7	6,303	6,329	300	300
Fertilizer, lime and soil conditioners	53.2	61.8	8,613	7,173	410	340
Interest	26.1	24.1	3,571	2,532	170	120
Taxes	100.0	100.0	3,571	3,165	170	150
Labor	29.2	32.2	8,824	8,861	420	420
Fuels	83.5	85.9	5,672	6,118	270	290
Farm supplies and repairs	71.9	83.3	5,042	5,485	240	260
Farm improvements and construction	41.2	49.6	2,941	3,797	140	180
Tractors and self-propelled farm machinery	15.9	24.9	2,101	4,219	100	200
Other farm machinery	16.0	23.7	630	1,055	30	50
Seeds and plants	30.1	42.9	5,252	5,696	250	270
Trucks and autos	15.3	22.1	1,050	1,688	50	80
Miscellaneous capital expenses	13.7	17.6	(X)	211	(Z)	10
Total farm production expenditures	100.0	100.0	116,807	132,068	5,560	6,260

<sup>(</sup>X) Not applicable.

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total - All Other States, South Region: 2009 and 2010

Expenditure		rms orting	Average per farm		Total expenditures	
	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses		20.8	8,660	7,235	1,280	1,070
Feed	63.9	68.1	21,583	24,408	3,190	3,610
Farm services	91.0	95.2	11,028	12,238	1,630	1,810
Rent	19.2	23.4	4,871	5,544	720	820
Agricultural chemicals	39.5	44.6	5,007	4,733	740	700
Fertilizer, lime & soil conditioners	49.9	59.1	5,074	5,477	750	810
Interest	45.7 14.1	25.7 95.8 28.6 88.2 84.2 51.9 11.6 14.1 34.3	2,300 1,827 5,413 4,330 4,263 2,909 3,383 1,015 3,857	2,366 1,826 5,477 4,530 4,665 3,381 3,178 947 4,192	340 270 800 640 630 430 500 150	350 270 810 670 690 500 470 140 620
Trucks and autos	15.5	10.5	1,962	1,352	290	200
Miscellaneous capital expenses	2.7	4.0	68	(X)	10	(Z)
Total farm production expenditures	100.0	100.0	87,551	91,548	12,940	13,540

<sup>(</sup>Z) Less than half of the unit shown.

<sup>(</sup>X) Not applicable.(Z) Less than half of the unit shown.

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Midwest Region: 2009 and 2010

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

		Farms		Average		Total	
Expenditure	repo	rting	per	farm	expend	ditures	
	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	23.7	22.3	10,214	9,219	6,400	5,780	
Feed	47.6	49.5	18,050	17,815	11,310	11,170	
Farm services	90.8	92.0	14,252	13,573	8,930	8,510	
Rent	34.0	33.6	17,204	19,314	10,780	12,110	
Agricultural chemicals	50.7	45.0	6,017	5,359	3,770	3,360	
Fertilizer, lime and soil conditioners	51.8	52.2	13,661	14,306	8,560	8,970	
Interest	43.6 99.8 24.4 79.9 79.8 55.9	41.5 99.9 23.3 79.9 77.1 53.0	5,953 5,219 7,501 6,208 7,325 7,150	5,502 5,343 6,715 5,997 7,544 6,348	3,730 3,270 4,700 3,890 4,590 4,480	3,450 3,350 4,210 3,760 4,730 3,980	
Tractors and self-propelled farm machinery	25.1	23.9	5,362	6,204	3,360	3,890	
Other farm machinery	29.6	26.7	3,080	3,190	1,930	2,000	
Seeds and plants	50.7	49.2	11,459	11,882	7,180	7,450	
Trucks and autos	24.4	20.4	1,708	1,419	1,070	890	
Miscellaneous capital expenses	18.2	15.3	96	80	60	50	
Total farm production expenditures	100.0	100.0	140,456	139,809	88,010	87,660	

### Total Farm Production Expenditures by Year - Midwest Region: 2006-2010

Expenditure	2006	2007	2008	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	5,390	6,800	6,640	6,400	5,780
Feed	6,520	9,690	11,020	11,310	11,170
Farm services	7,000	8,970	9,170	8,930	8,510
Rent	8,310	8,970	10,620	10,780	12,110
Agricultural chemicals	2,860	3,450	3,890	3,770	3,360
Fertilizer, lime and soil conditioners	4,950	7,010	9,110	8,560	8,970
Interest	3,600	3,980	4,040	3,730	3,450
Taxes	2,990	3,280	3,270	3,270	3,350
Labor	3,590	4,920	4,680	4,700	4,210
Fuels	3,070	3,840	4,750	3,890	3,760
Farm supplies and repairs	3,730	4,490	4,620	4,590	4,730
Farm improvements and construction	3,520	4,160	5,220	4,480	3,980
Tractors and self-propelled farm machinery	2,690	3,030	4,260	3,360	3,890
Other farm machinery	1,490	1,690	2,440	1,930	2,000
Seeds and plants	4,280	5,180	6,280	7,180	7,450
Trucks and autos	980	1,170	1,270	1,070	890
Miscellaneous capital expenses	70	80	70	60	50
Total farm production expenditures	65,040	80,710	91,350	88,010	87,660

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Illinois: 2009 and 2010

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

		rms	Average		Total	
Expenditure	repo	rting	per t	arm	expend	ditures
	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	19.1	16.0	6,596	5,526	500	420
Feed	35.6	36.8	9,367	9,474	710	720
Farm services	90.4	92.3	17,810	16,316	1,350	1,240
Rent	42.7	39.5	39,446	43,947	2,990	3,340
Agricultural chemicals	56.3	54.2	11,214	10,000	850	760
Fertilizer, lime and soil conditioners	56.8	58.0	24,670	26,316	1,870	2,000
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	41.5 100.0 26.6 75.8 73.9 53.1	42.4 99.5 24.7 82.2 79.6 57.3	7,388 7,124 7,124 8,575 8,707 7,784	7,105 7,368 6,447 8,421 8,421 7,763	560 540 540 650 660 590	540 560 490 640 640 590
Tractors and self-propelled farm machinery	25.2	29.1	7,916	9,211	600	700
Other farm machinery	29.8	28.0	4,090	4,474	310	340
Seeds and plants		58.7	20,053	21,842	1,520	1,660
Trucks and autos	27.9	25.0	2,111	2,105	160	160
Miscellaneous capital expenses	19.1	18.3	132	132	10	10
Total farm production expenditures	100.0	100.0	190,106	194,868	14,410	14,810

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Indiana: 2009 and 2010

Expenditure		rms orting	Average per farm		Total expenditures	
·	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses		26.1	4,065	4,032	250	250
Feed	54.8	57.9	18,537	17,581	1,140	1,090
Farm services	94.8	92.0	11,870	11,452	730	710
Rent	30.3	31.3	17,886	20,000	1,100	1,240
Agricultural chemicals	52.6	42.0	7,317	6,613	450	410
Fertilizer, lime and soil conditioners	59.9	50.9	17,236	18,387	1,060	1,140
Interest Taxes	44.6 100.0	39.7 100.0	5,691 5,691	5,645 5,645	350 350	350 350
Labor	21.8	22.1	6,179	6,290	380	390
Fuels	82.5	81.9	6,179	5,968	380	370
Farm supplies and repairs	84.6	82.3	6,504	7,097	400	440
Farm improvements and construction	61.9	54.9	6,992	6,613	430	410
Tractors and self-propelled farm machinery		24.9	4,553	5,000	280	310
Other farm machinery		29.4	3,089	2,903	190	180
Seeds and plants		42.7	12,846	13,387	790	830
Trucks and autos		21.6	1,626	1,290	100	80
Miscellaneous capital expenses	21.7	19.3	163	161	10	10
Total farm production expenditures	100.0	100.0	136,423	138,065	8,390	8,560

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Iowa: 2009 and 2010

[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		tal ditures
·	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	23.2	22.5	34,125	29,113	3,160	2,690
Feed	35.8	39.0	41,685	39,610	3,860	3,660
Farm services	90.8	91.1	20,410	19,481	1,890	1,800
Rent	42.3	44.2	31,533	35,606	2,920	3,290
Agricultural chemicals	64.9	54.8	8,747	7,792	810	720
Fertilizer, lime and soil conditioners	61.8	60.9	18,359	19,589	1,700	1,810
Interest	54.0	46.3	9,395	8,550	870	790
Taxes	100.0	100.0	7,235	7,684	670	710
Labor	25.6	28.1	6,803	7,035	630	650
Fuels	79.0	76.2	8,099	8,009	750	740
Farm supplies and repairs	77.0	74.0	9,071	9,416	840	870
Farm improvements and construction	60.2	57.0	9,719	8,658	900	800
Tractors and self-propelled farm machinery	34.6	29.8	7,991	9,524	740	880
Other farm machinery	37.0	31.3	4,320	4,437	400	410
Seeds and plants	65.0	61.1	16,631	17,316	1,540	1,600
Trucks and autos	35.2	25.2	2,700	2,056	250	190
Miscellaneous capital expenses	25.5	20.2	108	108	10	10
Total farm production expenditures	100.0	100.0	236,933	233,983	21,940	21,620

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Minnesota: 2009 and 2010

Expenditure		rms orting	Average per farm		Total expenditures	
·	2009	2010	2009	2010	2009	2010
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	25.9	22.7	12,963	12,222	1,050	990
Feed	46.3	45.0	20,864	20,988	1,690	1,700
Farm services	90.5	93.1	18,395	17,160	1,490	1,390
Rent	40.1	36.5	17,654	20,000	1,430	1,620
Agricultural chemicals	52.7	51.9	6,543	6,173	530	500
Fertilizer, lime and soil conditioners	50.3	55.6	15,679	15,679	1,270	1,270
Interest	49.7	45.4	7,160	6,543	580	530
Taxes	100.0	100.0	5,926	5,926	480	480
Labor	26.3	26.4	9,383	8,519	760	690
Fuels	76.8	80.8	8,889	8,025	720	650
Farm supplies and repairs	77.4	79.7	9,506	10,247	770	830
Farm improvements and construction	56.3	54.1	7,778	7,037	630	570
Tractors and self-propelled farm machinery	30.4	29.0	5,679	6,543	460	530
Other farm machinery	33.2	31.6	3,704	3,580	300	290
Seeds and plants	56.4	56.8	14,815	15,185	1,200	1,230
Trucks and autos	26.4	27.7	2,099	1,852	170	150
Miscellaneous capital expenses	22.0	22.2	123	123	10	10
Total farm production expenditures	100.0	100.0	167,160	165,802	13,540	13,430

#### Farm Production Expenditures by Farms Reporting, Average per Farm, and Total - Missouri: 2009 and 2010

[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	
·	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	25.7	22.0	5,463	5,926	590	640	
Feed	53.8	55.9	9,815	9,630	1,060	1,040	
Farm services	85.9	85.6	7,130	7,037	770	760	
Rent	24.7	24.7	7,407	8,241	800	890	
Agricultural chemicals	34.0	28.2	2,870	2,500	310	270	
Fertilizer, lime and soil conditioners	39.8	39.9	6,574	6,667	710	720	
Interest	29.5 100.0 18.1	36.0 100.0 20.1	2,963 2,870 3,056	2,685 2,778 2,870	320 310 330	290 300 310	
Fuels	75.1	74.8	3,611	3,611	390	390	
Farm supplies and repairs	73.3	68.8	3,704	4,074	400	440	
Farm improvements and construction	45.0	43.3	3,981	3,148	430	340	
Tractors and self-propelled farm machinery  Other farm machinery	21.6 22.7	19.5 20.4	2,685 1.389	3,148 1,574	290 150	340 170	
Seeds and plants	28.0	26.5	5,370	5,000	580	540	
Trucks and autos	19.4	20.9	741	926	80	100	
Miscellaneous capital expenses	16.4	15.0	(X)	(X)	(Z)	(Z)	
Total farm production expenditures	100.0	100.0	69,630	69,815	7,520	7,540	

<sup>(</sup>X) Not applicable.

### Farm Production Expenditures by Farms Reporting, Average per Farm, and Total - Wisconsin: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	29.4	25.9	4,359	4,744	340	370	
Feed	59.7	60.3	16,795	17,051	1,310	1,330	
Farm services	93.5	95.3	16,282	16,154	1,270	1,260	
Rent	34.7	32.3	5,256	5,641	410	440	
Agricultural chemicals	58.3	46.0	3,333	2,949	260	230	
Fertilizer, lime and soil conditioners	53.7	55.3	7,436	7,179	580	560	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction  Tractors and self-propelled farm machinery Other farm machinery Seeds and plants Trucks and autos	66.6 31.3 34.6 59.1 30.5	48.1 100.0 26.8 87.1 83.2 60.8 24.2 30.7 54.5 24.1	5,897 4,872 11,538 5,385 8,846 9,487 4,359 2,949 6,410 1,795	6,026 5,256 10,000 5,256 8,718 6,538 3,974 2,821 6,795 1,282	460 380 900 420 690 740 340 230 500 140	470 410 780 410 680 510 310 220 530 100	
Miscellaneous capital expenses	27.1	18.8	128	(X)	10	(Z)	
Total farm production expenditures	100.0	100.0	115,128	110,385	8,980	8,610	

<sup>(</sup>Z) Less than half of the unit shown.

<sup>(</sup>X) Not applicable.(Z) Less than half of the unit shown.

# Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Midwest Region: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
'	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	18.7	22.1	3,932	3,241	510	420	
Feed	47.8	51.4	11,874	12,577	1,540	1,630	
Farm services	92.0	95.4	11,025	10,417	1,430	1,350	
Rent	28.3	30.2	8,712	9,954	1,130	1,290	
Agricultural chemicals	44.5	43.2	4,318	3,627	560	470	
Fertilizer, lime and soil conditioners	47.5	49.4	10,563	11,343	1,370	1,470	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	42.1 99.2 24.4 84.3 87.3 53.9	36.8 100.0 18.2 79.6 77.0 49.5	4,549 4,163 8,944 4,472 6,399 5,860	3,704 4,167 6,944 4,321 6,404 5,864	590 540 1,160 580 830 760	480 540 900 560 830 760	
Tractors and self-propelled farm machinery	14.5	16.7	5,012	6,327	650	820	
Other farm machinery	24.8	21.0	2,699	3,009	350	390	
Seeds and plants	44.3	49.2	8,096	8,179	1,050	1,060	
Trucks and autos	13.9	6.3	1,311	849	170	110	
Miscellaneous capital expenses	4.4	2.0	77	77	10	10	
Total farm production expenditures	100.0	100.0	102,005	101,003	13,230	13,090	

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Plains Region: 2009 and 2010

[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	
·	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	29.4	28.0	22,501	21,121	11,480	10,780	
Feed	64.9	65.0	20,580	17,398	10,500	8,880	
Farm services	93.2	93.1	14,955	14,342	7,630	7,320	
Rent	34.9	31.7	11,015	13,088	5,620	6,680	
Agricultural chemicals	44.5	39.0	4,704	4,428	2,400	2,260	
Fertilizer, lime and soil conditioners	44.1	44.0	9,134	9,698	4,660	4,950	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	35.7 99.5 28.9 82.0 79.2 53.5	36.2 99.7 28.5 82.4 78.7 49.7	4,900 5,468 6,664 5,939 6,468 5,292	4,428 5,917 6,113 6,407 6,877 5,447	2,500 2,790 3,400 3,030 3,300 2,700	2,260 3,020 3,120 3,270 3,510 2,780	
Tractors and self-propelled farm machinery	25.3	23.7	4,900	6,093	2,500	3,110	
Other farm machinery	25.3	24.0	2,528	2,861	1,290	1,460	
Seeds and plants	32.9	33.6	6,076	6,818	3,100	3,480	
Trucks and autos	24.5	24.3	2,176	2,253	1,110	1,150	
Miscellaneous capital expenses	17.3	13.9	78	59	40	30	
Total farm production expenditures	100.0	100.0	133,379	133,346	68,050	68,060	

### Total Farm Production Expenditures by Year - Plains Region: 2006-2010

Expenditure	2006	2007	2008	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	12,530	17,880	13,320	11,480	10,780
Feed	6,920	10,270	10,170	10,500	8,880
Farm services	6,080	7,940	8,200	7,630	7,320
Rent	4,480	4,980	5,530	5,620	6,680
Agricultural chemicals	1,710	2,210	2,690	2,400	2,260
Fertilizer, lime and soil conditioners	3,030	4,280	5,470	4,660	4,950
Interest	2,330	2,900	2,680	2,500	2,260
Taxes	2,230	2,460	2,680	2,790	3,020
Labor	2,700	3,610	3,960	3,400	3,120
Fuels	2,780	3,380	4,080	3,030	3,270
Farm supplies and repairs	2,530	3,130	3,290	3,300	3,510
Farm improvements and construction	2,580	2,900	3,170	2,700	2,780
Tractors and self-propelled farm machinery	1,550	2,380	3,010	2,500	3,110
Other farm machinery		1,200	1,560	1,290	1,460
Seeds and plants		2,430	3,100	3,100	3,480
Trucks and autos		1,360	1,250	1,110	1,150
Miscellaneous capital expenses	40	40	40	40	30
Total farm production expenditures	55,450	73,350	74,200	68,050	68,060

### Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Kansas: 2009 and 2010

[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	
'	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	32.2	27.1	41,221	33,588	2,700	2,200	
Feed	48.7	52.7	29,160	23,664	1,910	1,550	
Farm services	90.2	90.7	17,557	16,641	1,150	1,090	
Rent	46.5	42.2	15,573	19,847	1,020	1,300	
Agricultural chemicals	53.1	50.5	6,412	6,107	420	400	
Fertilizer, lime and soil conditioners	53.3	54.4	12,214	15,878	800	1,040	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	43.8 100.0 26.4 77.5 78.5 51.6	45.1 100.0 21.1 81.1 80.4 54.5	6,412 6,107 7,176 7,634 8,397 5,802	6,260 7,176 6,107 7,939 8,092 6,107	420 400 470 500 550 380	410 470 400 520 530 400	
Tractors and self-propelled farm machinery  Other farm machinery	27.3 29.7	26.5 27.6	5,954 3,053	6,718 3,359	390 200	440 220	
Seeds and plants	43.9	44.4	7,481	8,397	490	550	
Trucks and autos	27.7	27.4	2,748	2,748	180	180	
Miscellaneous capital expenses	22.4	21.1	153	(X)	10	(Z)	
Total farm production expenditures	100.0	100.0	183,053	178,626	11,990	11,700	

<sup>(</sup>X) Not applicable.

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Nebraska: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	30.1	33.1	66,737	78,390	3,150	3,700	
Feed	48.8	49.1	43,432	37,712	2,050	1,780	
Farm services	93.8	94.5	28,814	29,025	1,360	1,370	
Rent	54.8	52.5	35,805	40,890	1,690	1,930	
Agricultural chemicals	63.5	61.3	11,017	10,593	520	500	
Fertilizer, lime and soil conditioners	61.0	62.6	25,847	25,000	1,220	1,180	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	55.6 100.0 40.2 83.9 82.4 61.0	59.4 100.0 32.8 85.5 85.1 55.9	11,441 15,042 12,924 12,288 15,466 9,958	9,958 16,525 10,805 12,500 15,890 9,746	540 710 610 580 730 470	470 780 510 590 750 460	
Tractors and self-propelled farm machinery	36.3	32.8	8,263	9,958	390	470	
Other farm machinery	37.4	35.4	4,661	5,720	220	270	
Seeds and plants	58.9	62.6	18,432	21,186	870	1,000	
Trucks and autos	35.5	33.5	4,025	4,237	190	200	
Miscellaneous capital expenses	29.6	22.2	212	212	10	10	
Total farm production expenditures	100.0	100.0	324,364	338,347	15,310	15,970	

<sup>(</sup>Z) Less than half of the unit shown.

### Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Texas: 2009 and 2010

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

		Farms		Average		Total	
Expenditure	repo	rting	per farm		expend	ditures	
·	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	25.2	22.8	14,141	12,525	3,500	3,100	
Feed	73.1	72.7	18,586	15,636	4,600	3,870	
Farm services	93.0	94.0	10,061	10,303	2,490	2,550	
Rent	23.3	22.3	3,960	5,172	980	1,280	
Agricultural chemicals	34.1	27.7	1,859	1,939	460	480	
Fertilizer, lime and soil conditioners	37.8	41.7	3,636	3,879	900	960	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	25.1 100.0 28.3 82.7 77.8 50.8	21.9 100.0 29.0 82.0 76.0 45.2	2,586 3,960 6,061 3,798 3,636 3,717	2,222 4,121 6,101 4,364 4,000 3,596	640 980 1,500 940 900 920	550 1,020 1,510 1,080 990 890	
Tractors and self-propelled farm machinery	23.7	21.9	2,747	3,152	680	780	
Other farm machinery		21.5	1,091	1,172	270	290	
Seeds and plants	20.8	25.4	2,263	2,788	560	690	
Trucks and autos	22.7	22.6	1,333	1,414	330	350	
Miscellaneous capital expenses	18.1	16.0	40	40	10	10	
Total farm production expenditures	100.0	100.0	83,475	82,424	20,660	20,400	

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, Plains Region: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
·	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	34.9	35.4	14,200	11,851	2,130	1,780	
Feed	63.4	62.7	12,933	11,185	1,940	1,680	
Farm services	94.5	92.2	17,533	15,379	2,630	2,310	
Rent	42.9	36.2	12,867	14,447	1,930	2,170	
Agricultural chemicals	52.1	45.5	6,667	5,859	1,000	880	
Fertilizer, lime & soil conditioners	45.1	37.2	11,600	11,784	1,740	1,770	
Interest	43.3	48.5	6,000	5,526	900	830	
Taxes	98.5	99.0	4,667	4,993	700	750	
Labor	27.5	29.7	5,467	4,660	820	700	
Fuels	82.2	82.6	6,733	7,190	1,010	1,080	
Farm supplies and repairs	80.8	80.4	7,467	8,256	1,120	1,240	
Farm improvements and construction	56.6	53.3	6,200	6,858	930	1,030	
Tractors and self-propelled farm machinery	23.5	22.5	6,933	9,454	1,040	1,420	
Other farm machinery		23.1	4,000	4,527	600	680	
Seeds and plants		33.3	7,867	8,256	1,180	1,240	
Trucks and autos	22.7	22.7	2,733	2,796	410	420	
Miscellaneous capital expenses	9.8	4.7	67	67	10	10	
Total farm production expenditures	100.0	100.0	133,933	133,089	20,090	19,990	

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – West Region: 2009 and 2010

[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	
Experialitie	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	23.5	21.0	7,401	6,941	2,350	2,210	
Feed	48.4	49.3	28,437	29,334	9,030	9,340	
Farm services	94.7	93.0	35,837	34,862	11,380	11,100	
Rent	28.8	28.0	10,896	12,500	3,460	3,980	
Agricultural chemicals	44.3	38.5	7,715	7,381	2,450	2,350	
Fertilizer, lime and soil conditioners	38.1	38.6	9,762	10,113	3,100	3,220	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	38.7 99.6 41.4 81.2 80.0 58.7	35.6 98.0 38.6 78.5 75.7 50.7	8,156 6,330 42,545 7,432 12,061 10,707	7,946 6,533 41,143 8,166 11,369 8,354	2,590 2,010 13,510 2,360 3,830 3,400	2,530 2,080 13,100 2,600 3,620 2,660	
Tractors and self-propelled farm machinery	20.2	17.3	4,629	4,271	1,470	1,360	
Other farm machinery	20.1	17.4	2,047	1,790	650	570	
Seeds and plants	27.8	28.6	6,456	6,595	2,050	2,100	
Trucks and autos	22.6	19.1	2,519	2,324	800	740	
Miscellaneous capital expenses	11.8	9.7	189	126	60	40	
Total farm production expenditures	100.0	100.0	203,120	199,749	64,500	63,600	

### Total Farm Production Expenditures by Year – West Region: 2006-2010

Expenditure	2006	2007	2008	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses	3,140	3,230	2,800	2,350	2,210
Feed	7,190	8,920	10,240	9,030	9,340
Farm services	11,120	10,850	11,460	11,380	11,100
Rent	3,300	3,130	3,480	3,460	3,980
Agricultural chemicals	2,200	2,190	2,490	2,450	2,350
Fertilizer, lime and soil conditioners	2,480	2,760	3,510	3,100	3,220
Interest Taxes Labor	2,620 1,790 11,540	2,570 2,130 12,060	2,730 2,190 13,200	2,590 2,010 13,510	2,530 2,080 13,100
Fuels	2,380	2,760	3,230	2,360	2,600
Farm supplies and repairs Farm improvements and construction	3,700 2,880	3,510 3,050	4,170 3,440	3,830 3,400	3,620 2,660
Tractors and self-propelled farm machinery Other farm machinery Seeds and plants Trucks and autos		1,250 600 1,970 820	1,790 770 2,390 860	1,470 650 2,050 800	1,360 570 2,100 740
Miscellaneous capital expenses	70	40	70	60	40
Total farm production expenditures	59,160	61,840	68,820	64,500	63,600

### Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – California: 2009 and 2010

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

		Farms		Average		Total	
Expenditure	repo	rting	per farm		expenditures		
	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	13.9	15.7	8,589	6,732	700	550	
Feed	33.5	31.7	49,080	54,468	4,000	4,450	
Farm services	98.8	91.5	69,693	70,135	5,680	5,730	
Rent	21.6	20.4	17,669	19,339	1,440	1,580	
Agricultural chemicals	54.5	42.8	15,951	14,565	1,300	1,190	
Fertilizer, lime and soil conditioners	51.5	49.7	15,215	16,524	1,240	1,350	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction	33.4 100.0 60.0 78.0 85.5 59.6	34.0 100.0 55.6 72.5 69.9 45.1	13,374 10,798 96,074 10,798 19,755 12,638	13,464 11,261 99,388 12,607 18,360 12,852	1,090 880 7,830 880 1,610 1,030	1,100 920 8,120 1,030 1,500 1,050	
Tractors and self-propelled farm machinery	25.5	19.3	4,908	4,406	400	360	
Other farm machinery	23.1	20.1	2,086	2,081	170	170	
Seeds and plants	28.5	31.1	11,902	11,995	970	980	
Trucks and autos	27.8	21.1	2,945	2,815	240	230	
Miscellaneous capital expenses	20.1	16.5	245	122	20	10	
Total farm production expenditures	100.0	100.0	361,718	371,114	29,480	30,320	

## Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – Washington: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
·	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	26.3	18.3	2,278	1,772	90	70	
Feed	42.2	53.9	14,430	16,709	570	660	
Farm services	94.2	94.7	35,696	32,152	1,410	1,270	
Rent	28.1	22.0	8,861	12,405	350	490	
Agricultural chemicals	40.5	46.2	8,861	8,861	350	350	
Fertilizer, lime and soil conditioners	39.8	41.9	9,367	10,380	370	410	
Interest Taxes Labor Fuels Farm supplies and repairs Farm improvements and construction  Tractors and self-propelled farm machinery	67.0 28.6	33.4 100.0 31.3 81.1 79.4 51.0	6,329 6,076 39,494 7,089 11,139 10,127 4,051	5,823 6,329 36,203 6,835 11,139 10,380 3,544	250 240 1,560 280 440 400	230 250 1,430 270 440 410	
Other farm machinery	23.9	16.4	1,519	1,013	60	40	
Seeds and plants	37.0	31.0	5,823	6,329	230	250	
Trucks and autos	25.3	18.5	2,025	1,519	80	60	
Miscellaneous capital expenses	21.7	14.8	253	253	10	10	
Total farm production expenditures	100.0	100.0	173,418	171,646	6,850	6,780	

# Farm Production Expenditures by Farms Reporting, Average per Farm, and Total – All Other States, West Region: 2009 and 2010

Expenditure		Farms reporting		Average per farm		Total expenditures	
<b>'</b>	2009	2010	2009	2010	2009	2010	
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)	
Livestock, poultry and related expenses	27.0	23.7	7,937	8,063	1,560	1,590	
Feed	55.8	55.7	22,692	21,450	4,460	4,230	
Farm services	93.1	93.3	21,827	20,791	4,290	4,100	
Rent	31.9	32.3	8,497	9,686	1,670	1,910	
Agricultural chemicals	40.8	35.2	4,070	4,108	800	810	
Fertilizer, lime & soil conditioners	32.2	33.3	7,581	7,404	1,490	1,460	
Interest	41.7 99.4 34.7 81.9 76.0 56.6	36.7 96.7 33.0 80.5 77.3 53.0	6,360 4,528 20,962 6,105 9,056 10,023	6,085 4,615 18,002 6,592 8,519 6,085	1,250 890 4,120 1,200 1,780 1,970	1,200 910 3,550 1,300 1,680 1,200	
Tractors and self-propelled farm machinery	16.4	15.9	4,630	4,361		860	
Other farm machinery	18.1	16.6 27.0	2,137	1,826	420 850	360 870	
Seeds and plants	25.7 19.9		4,325	4,412	480	870 450	
Trucks and autos		18.3	2,442	2,282	480 30		
Miscellaneous capital expenses	6.4	5.8	153	101	30	20	
Total farm production expenditures	100.0	100.0	143,325	134,381	28,170	26,500	

### Fuels Production Expenditures by Sub-Components, Total and Percent of Total – United States: 2009 and 2010

[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		2009	2010		
	(million dollars)	(percent of fuel expenditures)	(million dollars)	(percent of fuel expenditures)	
Diesel Gasoline LP gas Other fuels	7,200 2,430 1,970 800	58.0 19.6 15.9 6.5	8,150 2,550 1,480 720	63.1 19.8 11.5 5.6	
		(percent of total)		(percent of total)	
Total fuels expenditures	12,400	4.3	12,900	4.5	

## Fuels Production Expenditures, Type of Farms by Sub-Components and Total – United States: 2009 and 2010

[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]

Eve en diture	Crop f	farms	Livestock farms			
Expenditure	2009	2010	2009	2010		
	(million dollars)	(million dollars)	(million dollars)	(million dollars)		
Diesel	4,845 1,410 1,175 620	5,330 1,380 670 420	2,355 1,020 795 180	2,820 1,170 810 300		
Total fuels expenditures	8,050	7,800	4,350	5,100		

### Fuels Production Expenditures, Economic Class of Farm by Sub-Components and Total – United States: 2009 and 2010

[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]

		Economic Class						
Expenditure	Less than \$10,000		\$10,000	- \$49,999	\$50,000 - \$99,999			
	2009 2010		2009 2010		2009	2010		
	(million dollars)							
Diesel	460 325 55 20	460 355 70 35	510 270 80 30	580 315 65 20	535 240 75 30	460 220 50 20		
Total fuels expenditures	860	920	890	980	880	750		

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### Fuels Production Expenditures, Economic Class of Farm by Sub-Components and Total – United States: 2009 and 2010 (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	\$100,000 - \$249,999		\$250,000	- \$499,999	\$500,000 - \$999,999	
	2009	2010	2009	2010	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Diesel	910 300 190 70	935 345 130 40	1,135 330 300 105	1,255 345 175 65	1,340 335 425 230	1,635 380 305 90
Total fuels expenditures	1,470	1,450	1,870	1,840	2,330	2,410

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## Fuels Production Expenditures, Economic Class of Farm by Sub-Components and Total – United States: 2009 and 2010 (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]

	Economic Class						
Expenditure	\$1,000,000 -	\$4,999,999	\$5,000,000 and over				
	2009	2010	2009	2010			
	(million dollars)	(million dollars)	(million dollars)	(million dollars)			
Diesel  Gasoline  LP gas  Other fuels	1,635 455 675 225	1,955 405 510 300	675 175 170 90	870 185 175 150			
Total fuels expenditures	2,990	3,170	1,110	1,380			

### Fuels Production Expenditures, Farm Production Region by Sub-Components and Total – United States: 2009 and 2010

[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]

Evenenditure	Atlantic		So	uth	Midwest	
Expenditure	2009	2010	2009	2010	2009	2010
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)	(million dollars)
Diesel		910 365 275 90	930 300 250 60	995 315 260 60	2,145 580 965 200	2,475 605 570 110
Total fuels expenditures	1,580	1,640	1,540	1,630	3,890	3,760

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## Fuels Production Expenditures, Farm Production Region by Sub-Components and Total – United States: 2009 and 2010 (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]

Eve en diture	Pla	ins	West		
Expenditure	2009	2010	2009	2010	
	(million dollars)	(million dollars)	(million dollars)	(million dollars)	
Diesel	1,795 630 290 315	2,085 685 190 310	1,510 545 165 140	1,685 580 185 150	
Total fuels expenditures	3,030	3,270	2,360	2,600	

### 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.

#### Statistical Methodology

Survey: The 2010 Agricultural Resource Management Survey

**Publication:** "Farm Production Expenditures 2010 Summary" was released on August 2, 2011. This publication is released early in August each year.

**Data Collection:** The Agricultural Resource Management Survey (ARMS III) was conducted January through April of 2011.

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

ARMS III covers a population of all farms in the 48 contiguous states (excluding Alaska and Hawaii) that meet the official USDA definition (all establishments 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.

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.

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 2010 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.

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.

**Sample:** The 2010 sample was 35,431 farms and ranches.

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

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 2010, there were three COP commodities: organic corn, corn, and dairy. The States involved this year were:

Organic Corn: Colorado, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota,

Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Pennsylvania, South

Dakota, Texas, and Wisconsin

Corn: Colorado, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota,

Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Pennsylvania, South

Dakota, Texas, and Wisconsin

Dairy: Arizona, California, Colorado, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas,

Kentucky, Maine, Michigan, Minnesota, Missouri, New Mexico, New York, Ohio,

Oregon, Pennsylvania, Tennessee, Texas, Vermont, Virginia, Washington, and 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. Intrastate 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.

#### **Statistical Procedures**

**Survey Edit:** 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.

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.

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.

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.

**Estimation:** 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.

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).

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.

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 (Farms, Land in Farms, and Livestock Operations - 2008 Summary-02/2009) based on the 2007 Census of Agriculture. 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.

For more information concerning methodology and quality measures see Farm Production Expenditures Methodology and Quality Measures located at <a href="http://www.nass.usda.gov/Publications/Methodology\_and\_Data\_Quality/index.asp">http://www.nass.usda.gov/Publications/Methodology\_and\_Data\_Quality/index.asp</a>

#### **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
Daryl Brinkman – Prices Received, Prices Received Indexes	` '
Kuan Chen – Prices, Prices Research	(202) 720-5446
Bryan Combs – ARMS	(202) 720-9168
Angie Considine – Cash Rents	(202) 720-2250
Mark Gorsak – Prices, Prices Research	(202) 720-3225
Michael Mathison – ARMS	(202) 720-3243
Scott Shimmin – Farm Numbers, Land in Farms, Land Values	(202) 690-3231

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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <a href="http://www.nass.usda.gov">http://www.nass.usda.gov</a> and in the "Receive NASS Updates" box under "Receive reports by Email," click on "National" or "State" to select the reports you would like to receive.
- ➤ Printed reports may be purchased from the National Technical Information Service (NTIS) by calling toll-free (800) 999-6779, or (703) 605-6220 if calling from outside the United States or Canada. Accepted methods of payment are Visa, MasterCard, check, or money order.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

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