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Statistics
Service



Farm Production Expenditures 2005 Summary

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U.S. Farm Production Expenditures Up 5.3 Percent in 2005 Livestock Purchases Rise While Feed Expenditures Fall

U.S. Farm Production Expenditures ¹ totaled \$223.1 billion in 2005, up 5.3 percent from the revised 2004 total of \$211.8 billion. The largest contributors to the increase were Fuels up 26.3 percent; Taxes up 14.3 percent ¹⁵; Fertilizer, Lime, and Soil Conditioners up 12.3 percent; Livestock and Poultry Purchases up 11.5 percent; Farm Services ⁵ up 9.7 percent; and Interest up 9.0 percent.

The rise in fuel expenditures was expected given the 2005 rise in crude oil prices and increased global demand for oil. Hurricane damage had a large influence on fuel prices and supply this year. Higher crude oil prices pressured the cost of fuel, fertilizer, chemicals, and transportation. Other upward influences on farm expenditures were biotech seed costs, increased broiler chick price, alfalfa winterkill in the upper Midwest requiring greater forage purchases, higher prices for dairy replacement females, and repairs caused by storm damage in the South and Plains.

Some of the influences that depressed farm expenditure indications this year were: Hurricane Katrina's closing of the major grain port, generally lower prices for feed grains, rain in some states increased home-grown feed inventories, low or no interest loans for machinery and trucks, lower corn and soybean planted acres in some states, increased number of organic operations in the Northeast, lower animal production in some states, and the high volume of machinery purchased in 2004.

Feed and three capital expenditure items were down in 2005. Feed was down 5.1 percent. Other Farm Machinery, Tractors and Self-propelled Machinery, and Trucks and Autos were down 4.7 percent, 2.3 percent and 2.1 percent, respectively.

The three largest expenditures at the U.S. level were the same ones as last year. The largest was Farm Services with 13.2 percent of the U.S. Total Production Expenses, Feed 12.6 percent, and Labor 10.7 percent.

In 2005, the average U.S. Total Farm Expenditure was \$106,499 compared with \$100,498 as revised for 2004. On average, U.S. farm operations spent: \$14,034 on Farm Services, \$13,462 on Feed, \$10,216 on Livestock and Poultry Purchases, \$11,361 on Labor, and \$8,163 on Rent. Revised estimates for 2004 indicate U.S. farms spent an average of: \$12,716 on Farm Services, \$14,093 on Feed, \$9,110 on Livestock and Poultry Purchases, \$11,056 on Labor, and \$7,877 on Rent. Average Total Expenditures for large farms (\$1 million and over in sales) was \$2.37 million, 3.6 times larger than the next largest economic class.

Review of the Total Expenditures by farm production region reveals that all regions except the Atlantic were up in 2005. Fertilizer, Taxes and Fuels were higher than 2004 at the U.S., Region, and State levels.

The Midwest farm production region contributed most to the total 2005 U.S. Farm Production Expenditures with expenses of \$63.6 billion, or 28.5 percent. Midwest expenses were up 5.4 percent from the 2004 level of \$60.4 billion. The other regions ranked in order by Total Expenditures were: West at \$54.6 billion (2004 - \$48.7 billion), Plains at \$49.5 billion (2004 - \$47.2 billion), Atlantic at \$29.8 billion (2004 - \$31.9 billion), and South at \$25.6 billion (2004 - \$23.7 billion).

U.S. Farm Production Expenditures Up 5.3 Percent in 2005 (cont.)

The 2005 ARMS III (the ARMS phase that collects financial and demographic information) sample size was 34,937 with 23,070 usable reports, equaling a response rate of 66 percent. The ARMS III sample size was increased in 2003. Comparatively, the 2002 sample size was 18,219 resulting in 12,391 usable reports. Estimates for the 15 Leading Cash Receipts States¹⁴ (Core States) were published for the first time in 2004. Core State estimates and revisions are now available for the second year.

The sum of Total Expenditures for Core States was \$142.0 billion (63.6 percent of the U.S. total) in 2005 and \$132.2 billion (62.4 percent) in 2004. California contributed most to the 2005 U.S. Total Farm Expenditures, with expenses of \$25.3 billion, or 11.4 percent. California expenditures were up 11.2 percent from the revised estimate of \$22.8 billion in 2004. States with more than \$10 billion in Total Expenditures were: California, followed by Texas with \$15.6 billion (2004 - \$14.5 billion), Iowa with \$14.8 billion (2004 - \$13.6 billion), Nebraska with \$10.6 billion (2004 - \$9.6 billion), and Illinois with \$10.2 billion (2004 - \$9.5 billion). Most states had an increase in Total Expenditures, while Minnesota remained steady and Kansas was down slightly.

The U.S. Economic Sales Class (as defined on page 70) contributing most to the 2005 U.S. Farm Production Expenditures was the \$1,000,000 and over class, with expenses of \$83.5 billion, 37.4 percent of the U.S. total. Expenditures in the \$1,000,000 and over class were up 12.2 percent from the 2004 level of \$74.4 billion. It was followed by the \$250,000 - \$499,999 class with \$32.8 billion (2004 - \$31.4 billion), and \$100,000 - \$249,999 class with \$29.6 billion (2004 - \$29.3 billion).

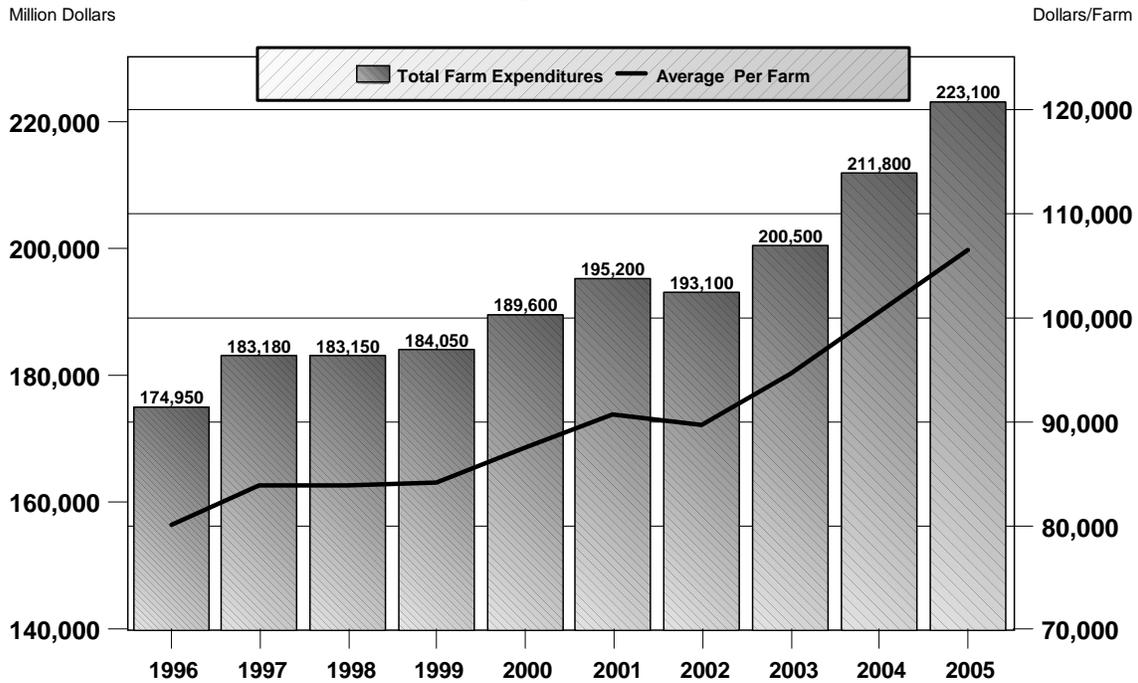
Studying total expenditures by type of farm showed that crop farms, with Total Expenditures of \$114.3 billion, contributed 51.2 percent of the 2005 U.S. Farm Production Expenditures. Total Expenditures for crop farms were up 7.3 percent from the revised 2004 level of \$106.6 billion. Total Expenditures for livestock farms were \$108.8 billion, up 3.5 percent from the revised 2004 level of \$105.2 billion.

The largest expenditures for crop farms were Farm Services and Labor both at \$16.4 billion, accounting for 28.7 percent of their total expenses. The largest expenditures for livestock farms were Feed at \$26.6 billion, and Livestock and Poultry Purchases at \$19.5 billion. These two expenditures account for 42.3 percent of all their total expenses.

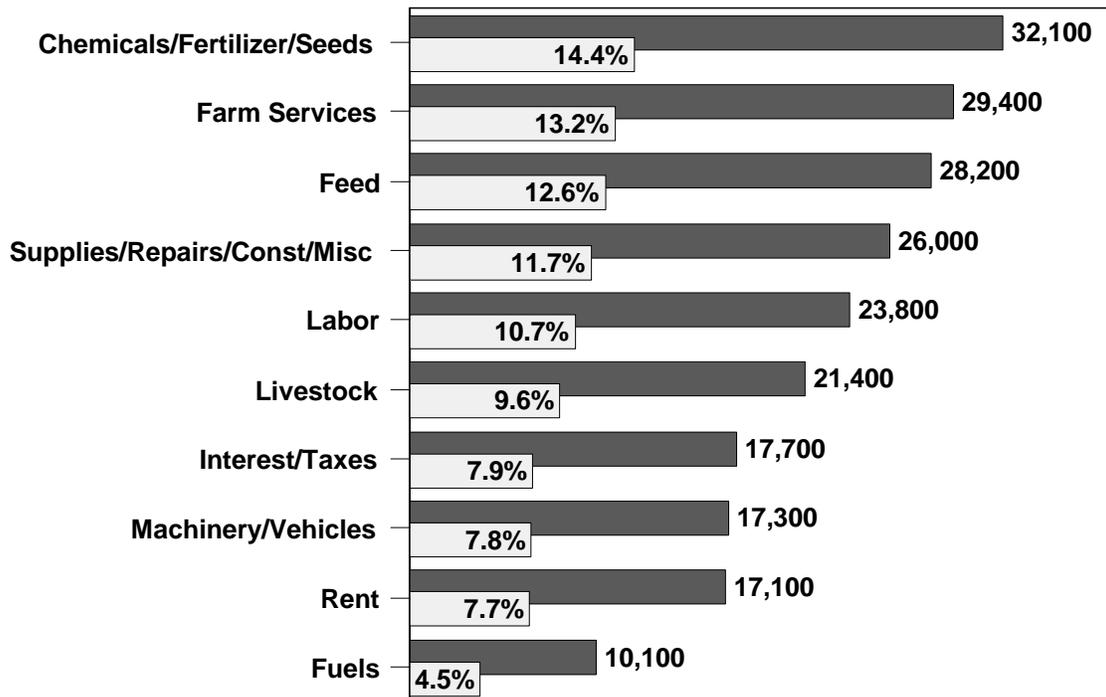
Diesel fuel expense was the largest of the fuel sub-components. Diesel was \$5.84 billion (57.8 percent) of the Fuels Expense. Gas was \$2.30 billion (22.8 percent). LP Gas was \$1.27 billion (12.6 percent). Other Fuels was \$690 million (6.8 percent).

^{1, 5, 14, 15} See footnotes on page 67.

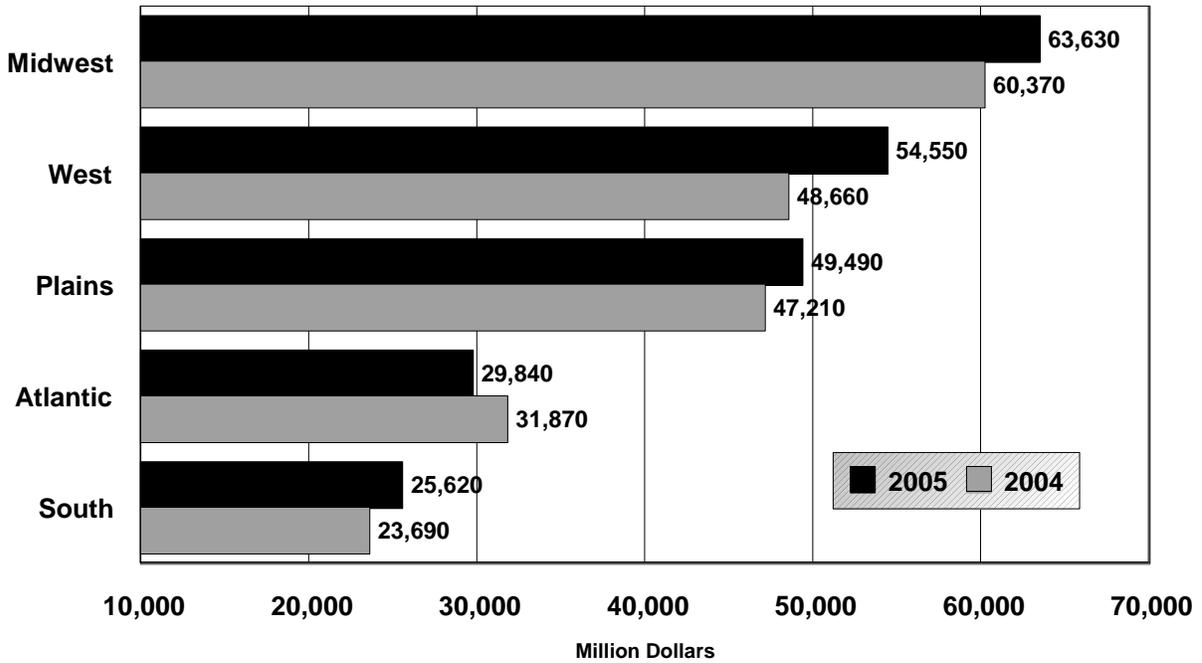
U.S. Farm Production Expenditures Total and Average Per Farm, 1996 - 2005



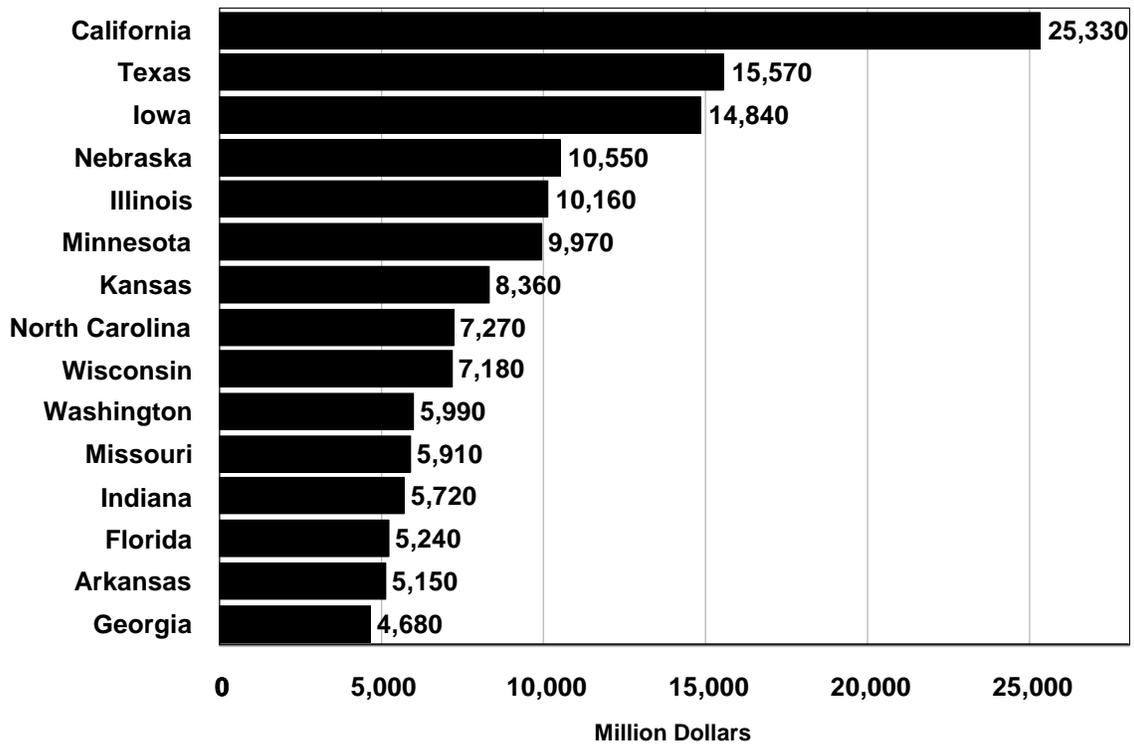
U.S. Farm Production Expenditures By Input Items, Expense, Percent of Total United States, 2005



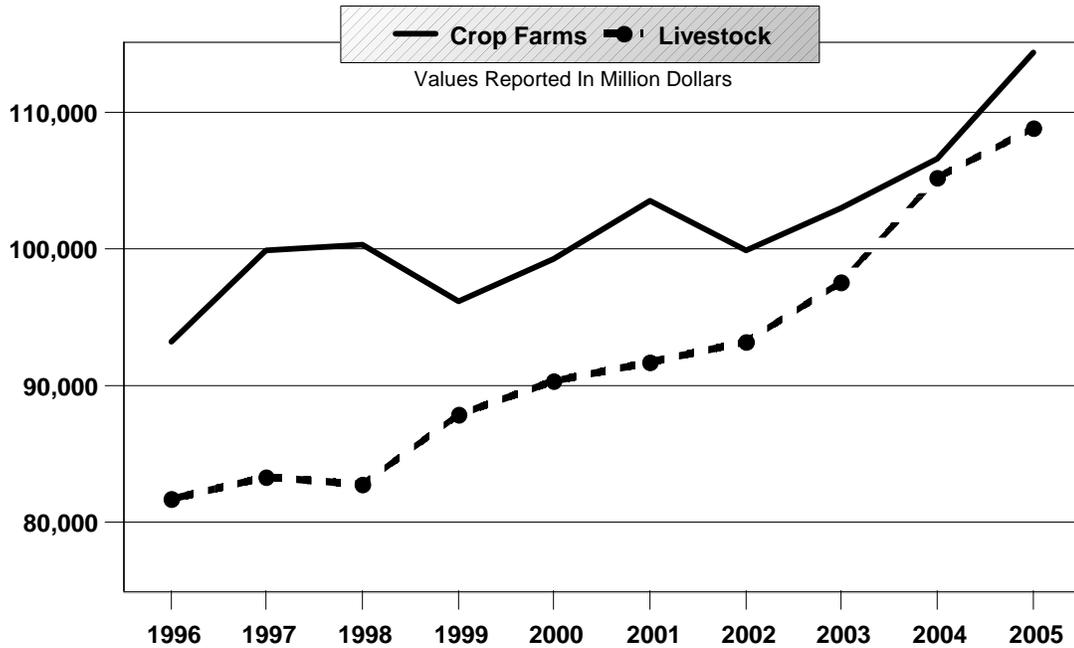
U.S. Farm Production Expenditures By Farm Production Regions, 2004 - 2005



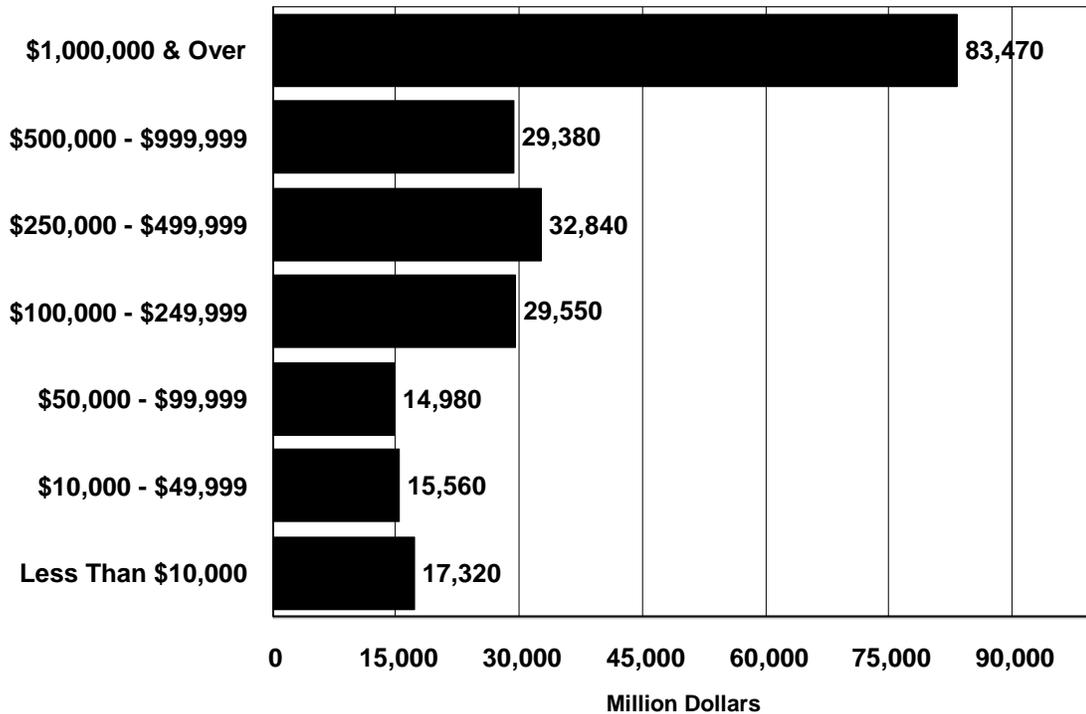
U.S. Farm Production Expenditures By Leading Cash Receipts State, 2005



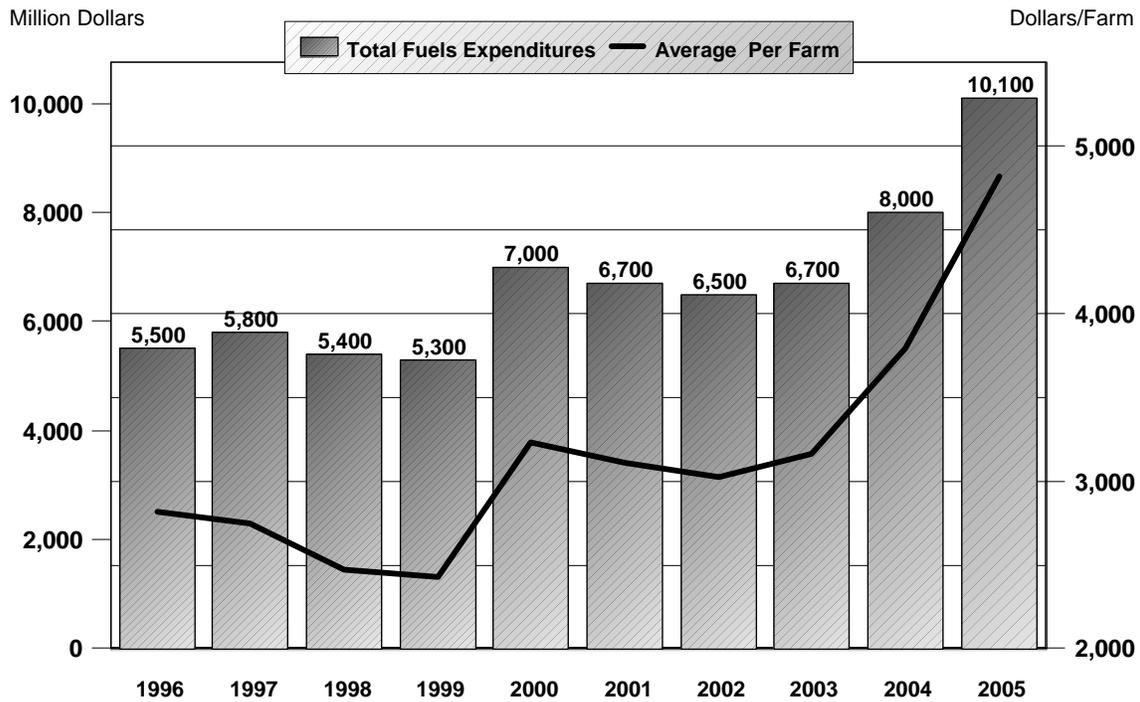
U.S. Farm Production Expenditures By Type of Farm, 1996 - 2005



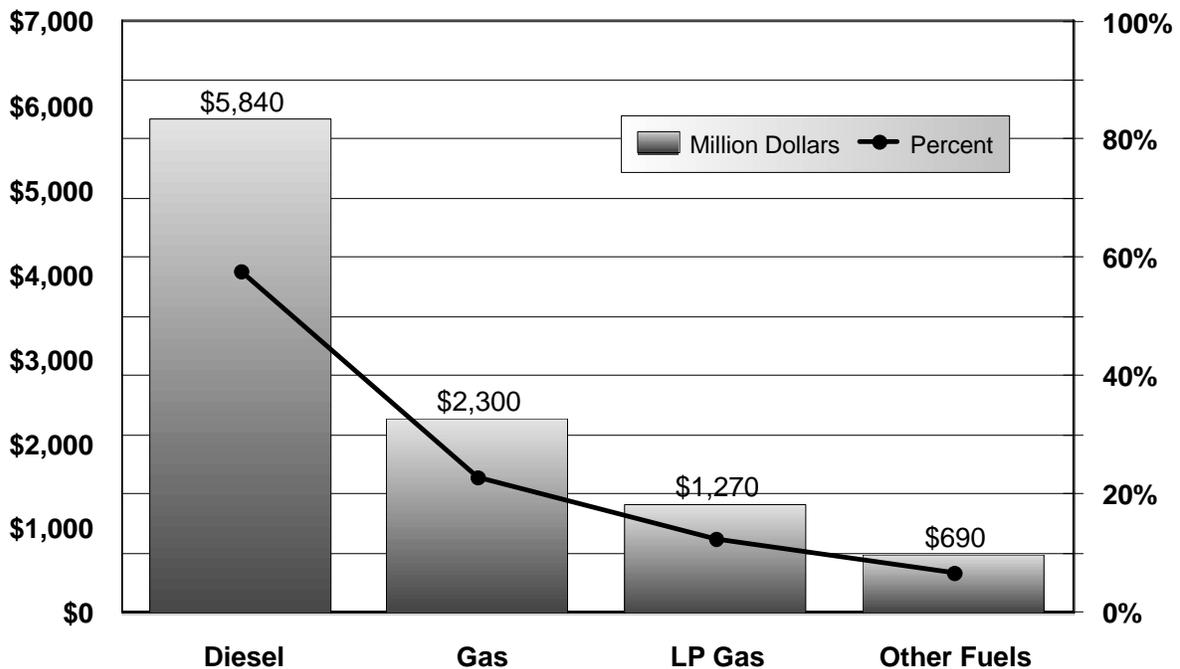
U.S. Farm Production Expenditures Economic Class Gross Value of Sales, 2005



U.S. Fuel Production Expenditures Total and Average Per Farm, 1996 - 2005



U.S. Fuel Production Expenditures By Sub-Components, Expense, Percent of Total United States, 2005



**Farm Production Expenditures:
Total and Percent of Total,
United States, 2004-05 ¹**

Expenditure	2004		2005	
	<i>Million Dollars</i>	<i>Percent</i>	<i>Million Dollars</i>	<i>Percent</i>
Total Farm Production Expenditures ^{2 3}	211,800	100.0	223,100	100.0
Livestock, Poultry & Related Expenses ⁴	19,200	9.1	21,400	9.6
Feed	29,700	14.0	28,200	12.6
Farm Services ⁵	26,800	12.7	29,400	13.2
Rent ⁶	16,600	7.8	17,100	7.7
Agricultural Chemicals ⁷	8,600	4.1	8,900	4.0
Fertilizer, Lime & Soil Conditioners ⁷	11,400	5.4	12,800	5.7
Interest	8,900	4.2	9,700	4.3
Taxes (Real Estate & Property) ¹⁵	7,000	3.3	8,000	3.6
Labor	23,300	11.0	23,800	10.7
Fuels	8,000	3.8	10,100	4.5
Farm Supplies & Repairs ⁸	11,600	5.5	12,500	5.6
Farm Improvements & Construction ^{9 10}	12,600	5.9	12,800	5.7
Tractors and Self-Propelled Farm Machinery	8,700	4.1	8,500	3.8
Other Farm Machinery	4,300	2.0	4,100	1.8
Seeds & Plants ¹¹	9,600	4.5	10,400	4.7
Trucks & Autos	4,800	2.3	4,700	2.1

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	100,498	106,499	211,800	223,100
Livestock, Poultry & Related Expenses ⁴	26.5	26.6	9,110	10,216	19,200	21,400
Feed	62.2	60.9	14,093	13,462	29,700	28,200
Farm Services ⁵	95.6	94.7	12,716	14,034	26,800	29,400
Rent ⁶	31.5	31.9	7,877	8,163	16,600	17,100
Agricultural Chemicals ⁷	48.8	48.0	4,081	4,249	8,600	8,900
Fertilizer, Lime & Soil Conditioners ⁷	57.8	53.5	5,409	6,110	11,400	12,800
Interest	39.7	40.8	4,223	4,630	8,900	9,700
Taxes (Real Estate & Property) ¹⁵	98.8	99.7	3,321	3,819	7,000	8,000
Labor	34.6	34.8	11,056	11,361	23,300	23,800
Fuels	85.6	83.3	3,796	4,821	8,000	10,100
Farm Supplies & Repairs ⁸	84.8	83.7	5,504	5,967	11,600	12,500
Farm Improvements & Construction ^{9 10}	59.5	57.3	5,979	6,110	12,600	12,800
Tractors and Self-Propelled Farm Machinery	23.3	24.9	4,128	4,058	8,700	8,500
Other Farm Machinery	28.2	29.2	2,040	1,957	4,300	4,100
Seeds & Plants ¹¹	45.7	42.5	4,555	4,965	9,600	10,400
Trucks & Autos	24.2	25.2	2,278	2,244	4,800	4,700

See footnotes on page 67.

**Farm Production Expenditures:
Total,
United States, 2001-2005 ¹**

Expenditure	2001	2002	2003	2004	2005
	<i>Million Dollars</i>				
Total Farm Production Expenditures ^{2 3}	195,200	193,100	200,500	211,800	223,100
Livestock, Poultry & Related Expenses ⁴	18,500	18,300	18,500	19,200	21,400
Feed	24,800	24,900	27,500	29,700	28,200
Farm Services ⁵	26,900	26,800	26,900	26,800	29,400
Rent ⁶	16,400	16,200	16,400	16,600	17,100
Agricultural Chemicals ⁷	8,600	8,300	8,400	8,600	8,900
Fertilizer, Lime & Soil Conditioners ⁷	10,300	9,600	10,000	11,400	12,800
Interest	11,000	10,500	9,300	8,900	9,700
Taxes (Real Estate & Property) ¹⁵	6,900	6,800	6,800	7,000	8,000
Labor	21,700	21,500	21,800	23,300	23,800
Fuels	6,700	6,500	6,700	8,000	10,100
Farm Supplies & Repairs ⁸	12,700	12,200	11,000	11,600	12,500
Farm Improvements & Construction ^{9 10}	7,800	8,000	11,800	12,600	12,800
Tractors and Self-Propelled Farm Machinery	6,200	6,200	7,000	8,700	8,500
Other Farm Machinery	3,700	3,700	3,900	4,300	4,100
Seeds & Plants ¹¹	8,200	8,900	9,400	9,600	10,400
Trucks & Autos	4,300	4,200	4,500	4,800	4,700

See footnotes on page 67.

**Farm Production Expenditures:
Percent of Total,
United States, 2001-2005 ¹**

Expenditure	2001	2002	2003	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	100.0	100.0	100.0
Livestock, Poultry & Related Expenses ⁴	9.5	9.5	9.2	9.1	9.6
Feed	12.7	12.9	13.7	14.0	12.6
Farm Services ⁵	13.8	13.9	13.4	12.7	13.2
Rent ⁶	8.4	8.4	8.2	7.8	7.7
Agricultural Chemicals ⁷	4.4	4.3	4.2	4.1	4.0
Fertilizer, Lime & Soil Conditioners ⁷	5.3	5.0	5.0	5.4	5.7
Interest	5.6	5.4	4.6	4.2	4.3
Taxes (Real Estate & Property) ¹⁵	3.5	3.5	3.4	3.3	3.6
Labor	11.1	11.1	10.9	11.0	10.7
Fuels	3.4	3.4	3.3	3.8	4.5
Farm Supplies & Repairs ⁸	6.5	6.3	5.5	5.5	5.6
Farm Improvements & Construction ^{9 10}	4.0	4.1	5.9	5.9	5.7
Tractors and Self-Propelled Farm Machinery	3.2	3.2	3.5	4.1	3.8
Other Farm Machinery	1.9	1.9	1.9	2.0	1.8
Seeds & Plants ¹¹	4.2	4.6	4.7	4.5	4.7
Trucks & Autos	2.2	2.2	2.2	2.3	2.1

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Crop Farms, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	118,745	131,489	106,570	114,310
Livestock, Poultry & Related Expenses ⁴	11.7	10.8	2,117	2,174	1,900	1,890
Feed	24.2	21.9	2,006	1,898	1,800	1,650
Farm Services ⁵	92.5	90.3	16,324	18,865	14,650	16,400
Rent ⁶	34.7	34.4	14,273	15,299	12,810	13,300
Agricultural Chemicals ⁷	60.5	58.5	8,290	8,857	7,440	7,700
Fertilizer, Lime & Soil Conditioners ⁷	66.3	63.5	9,973	11,790	8,950	10,250
Interest	41.7	40.9	4,925	5,521	4,420	4,800
Taxes (Real Estate & Property) ¹⁵	98.8	99.9	4,357	5,142	3,910	4,470
Labor	37.4	36.8	17,962	18,830	16,120	16,370
Fuels	82.6	78.3	5,270	7,063	4,730	6,140
Farm Supplies & Repairs ⁸	81.4	79.0	7,187	8,282	6,450	7,200
Farm Improvements & Construction ^{9 10}	53.8	52.0	6,017	6,338	5,400	5,510
Tractors and Self-Propelled Farm Machinery	24.5	24.1	5,571	5,728	5,000	4,980
Other Farm Machinery	29.8	28.1	2,462	2,519	2,210	2,190
Seeds & Plants ¹¹	62.4	57.1	9,226	10,468	8,280	9,100
Trucks & Autos	23.4	24.6	2,284	2,209	2,050	1,920

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Livestock Farms, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	86,965	88,772	105,230	108,790
Livestock, Poultry & Related Expenses ⁴	37.4	37.9	14,297	15,920	17,300	19,510
Feed	90.3	88.6	23,057	21,665	27,900	26,550
Farm Services ⁵	98.0	97.7	10,041	10,608	12,150	13,000
Rent ⁶	29.2	30.2	3,132	3,101	3,790	3,800
Agricultural Chemicals ⁷	40.1	40.6	959	979	1,160	1,200
Fertilizer, Lime & Soil Conditioners ⁷	51.6	46.3	2,025	2,081	2,450	2,550
Interest	38.2	40.6	3,702	3,998	4,480	4,900
Taxes (Real Estate & Property) ¹⁵	98.7	99.5	2,554	2,880	3,090	3,530
Labor	32.6	33.4	5,934	6,063	7,180	7,430
Fuels	87.8	86.9	2,702	3,231	3,270	3,960
Farm Supplies & Repairs ⁸	87.3	87.0	4,256	4,325	5,150	5,300
Farm Improvements & Construction ^{9 10}	63.8	61.1	5,950	5,949	7,200	7,290
Tractors and Self-Propelled Farm Machinery	22.4	25.4	3,058	2,872	3,700	3,520
Other Farm Machinery	27.0	29.9	1,727	1,559	2,090	1,910
Seeds & Plants ¹¹	33.2	32.2	1,091	1,061	1,320	1,300
Trucks & Autos	24.9	25.6	2,273	2,268	2,750	2,780

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Economic Class Gross Sales Less Than \$10,000, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	14,688	14,870	17,240	17,320
Livestock, Poultry & Related Expenses ⁴	19.9	19.2	452	421	530	490
Feed	63.6	61.1	1,218	1,219	1,430	1,420
Farm Services ⁵	92.9	91.1	1,994	2,026	2,340	2,360
Rent ⁶	12.5	14.0	204	258	240	300
Agricultural Chemicals ⁷	30.1	30.3	128	120	150	140
Fertilizer, Lime & Soil Conditioners ⁷	43.0	36.2	349	343	410	400
Interest	26.1	28.0	1,184	1,356	1,390	1,580
Taxes (Real Estate & Property) ¹⁵	98.7	99.6	1,440	1,494	1,690	1,740
Labor	20.8	20.5	494	592	580	690
Fuels	78.9	74.8	511	661	600	770
Farm Supplies & Repairs ⁸	76.5	75.8	869	953	1,020	1,110
Farm Improvements & Construction ^{9 10}	50.7	47.3	2,999	2,756	3,520	3,210
Tractors and Self-Propelled Farm Machinery	16.4	17.5	1,159	944	1,360	1,100
Other Farm Machinery	19.6	19.5	443	369	520	430
Seeds & Plants ¹¹	29.0	23.9	179	163	210	190
Trucks & Autos	17.2	17.8	1,031	1,168	1,210	1,360

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Economic Class Gross Sales \$10,000 - \$49,999, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	36,466	36,806	15,470	15,560
Livestock, Poultry & Related Expenses ⁴	32.3	31.2	2,239	2,129	950	900
Feed	62.6	62.9	2,428	2,460	1,030	1,040
Farm Services ⁵	98.1	98.3	5,280	5,038	2,240	2,130
Rent ⁶	38.0	36.9	1,839	1,798	780	760
Agricultural Chemicals ⁷	58.1	54.6	919	875	390	370
Fertilizer, Lime & Soil Conditioners ⁷	67.6	65.1	1,933	1,940	820	820
Interest	40.1	39.2	2,098	2,058	890	870
Taxes (Real Estate & Property) ¹⁵	99.0	99.9	2,357	2,649	1,000	1,120
Labor	35.7	36.3	2,004	1,679	850	710
Fuels	90.8	89.9	1,626	1,987	690	840
Farm Supplies & Repairs ⁸	92.7	88.5	2,734	2,531	1,160	1,070
Farm Improvements & Construction ^{9 10}	65.7	63.3	4,031	4,873	1,710	2,060
Tractors and Self-Propelled Farm Machinery	24.0	28.5	2,475	2,673	1,050	1,130
Other Farm Machinery	31.0	34.5	1,155	1,206	490	510
Seeds & Plants ¹¹	52.5	50.6	1,108	1,112	470	470
Trucks & Autos	26.7	28.3	2,027	1,632	860	690

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Economic Class Gross Sales \$50,000 - \$99,999, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	85,501	87,311	14,780	14,980
Livestock, Poultry & Related Expenses ⁴	31.2	36.7	4,570	5,362	790	920
Feed	59.5	59.7	6,074	5,945	1,050	1,020
Farm Services ⁵	99.9	99.8	12,322	12,823	2,130	2,200
Rent ⁶	59.5	57.3	7,810	6,645	1,350	1,140
Agricultural Chemicals ⁷	78.2	76.3	3,529	3,497	610	600
Fertilizer, Lime & Soil Conditioners ⁷	81.2	80.9	6,306	6,295	1,090	1,080
Interest	58.8	56.6	4,397	4,721	760	810
Taxes (Real Estate & Property) ¹⁵	98.9	99.7	3,992	4,546	690	780
Labor	48.0	55.9	5,901	6,295	1,020	1,080
Fuels	94.8	97.3	4,512	5,654	780	970
Farm Supplies & Repairs ⁸	95.1	97.2	6,479	7,053	1,120	1,210
Farm Improvements & Construction ^{9 10}	67.7	70.2	4,512	5,129	780	880
Tractors and Self-Propelled Farm Machinery	33.9	32.1	5,091	4,138	880	710
Other Farm Machinery	36.2	38.8	2,372	1,982	410	340
Seeds & Plants ¹¹	70.4	72.6	4,512	3,963	780	680
Trucks & Autos	33.1	34.4	2,719	2,914	470	500

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Economic Class Gross Sales \$100,000 - \$249,999, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	173,890	177,392	29,270	29,550
Livestock, Poultry & Related Expenses ⁴	38.0	39.3	10,694	11,166	1,800	1,860
Feed	59.2	59.7	13,605	13,807	2,290	2,300
Farm Services ⁵	100.0	99.8	23,823	24,012	4,010	4,000
Rent ⁶	74.9	73.9	18,179	18,790	3,060	3,130
Agricultural Chemicals ⁷	86.8	85.7	9,268	9,125	1,560	1,520
Fertilizer, Lime & Soil Conditioners ⁷	86.0	85.1	13,605	13,987	2,290	2,330
Interest	71.2	74.5	8,198	8,464	1,380	1,410
Taxes (Real Estate & Property) ¹⁵	99.0	99.9	6,713	7,864	1,130	1,310
Labor	66.5	60.8	13,070	12,306	2,200	2,050
Fuels	97.7	96.7	8,198	9,905	1,380	1,650
Farm Supplies & Repairs ⁸	97.9	97.7	11,644	12,126	1,960	2,020
Farm Improvements & Construction ^{9 10}	75.6	75.7	10,100	9,365	1,700	1,560
Tractors and Self-Propelled Farm Machinery	35.3	37.1	8,139	7,144	1,370	1,190
Other Farm Machinery	47.3	49.8	4,456	4,682	750	780
Seeds & Plants ¹¹	82.8	81.7	9,565	10,565	1,610	1,760
Trucks & Autos	36.3	38.5	4,159	3,542	700	590

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Economic Class Gross Sales \$250,000 - \$499,999, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	352,144	365,254	31,370	32,840
Livestock, Poultry & Related Expenses ⁴	36.5	40.7	23,798	25,915	2,120	2,330
Feed	55.2	56.6	31,095	30,697	2,770	2,760
Farm Services ⁵	100.0	100.0	44,004	47,158	3,920	4,240
Rent ⁶	79.6	80.1	43,779	41,931	3,900	3,770
Agricultural Chemicals ⁷	89.3	89.7	20,430	20,354	1,820	1,830
Fertilizer, Lime & Soil Conditioners ⁷	89.4	87.8	26,380	29,474	2,350	2,650
Interest	80.7	81.6	15,042	16,127	1,340	1,450
Taxes (Real Estate & Property) ¹⁵	98.6	99.9	10,552	11,678	940	1,050
Labor	77.5	77.0	29,860	29,140	2,660	2,620
Fuels	97.8	98.2	15,267	18,908	1,360	1,700
Farm Supplies & Repairs ⁸	98.4	98.4	19,981	21,243	1,780	1,910
Farm Improvements & Construction ^{9 10}	78.6	79.0	16,501	16,572	1,470	1,490
Tractors and Self-Propelled Farm Machinery	43.6	44.8	15,940	17,239	1,420	1,550
Other Farm Machinery	54.8	52.8	9,429	8,453	840	760
Seeds & Plants ¹¹	86.1	85.5	22,563	22,133	2,010	1,990
Trucks & Autos	43.2	44.7	6,399	6,785	570	610

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Economic Class Gross Sales \$500,000 - \$999,999, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	652,087	666,969	29,280	29,380
Livestock, Poultry & Related Expenses ⁴	42.1	44.4	52,336	54,257	2,350	2,390
Feed	53.7	55.6	85,742	79,682	3,850	3,510
Farm Services ⁵	99.9	100.0	86,856	86,266	3,900	3,800
Rent ⁶	74.3	75.9	71,934	71,283	3,230	3,140
Agricultural Chemicals ⁷	85.5	88.4	35,633	36,549	1,600	1,610
Fertilizer, Lime & Soil Conditioners ⁷	81.4	83.3	40,755	47,900	1,830	2,110
Interest	83.4	86.2	24,721	26,788	1,110	1,180
Taxes (Real Estate & Property) ¹⁵	97.4	99.9	14,699	18,161	660	800
Labor	86.9	84.9	77,057	66,969	3,460	2,950
Fuels	97.1	98.1	25,166	31,782	1,130	1,400
Farm Supplies & Repairs ⁸	99.1	98.1	30,734	34,052	1,380	1,500
Farm Improvements & Construction ^{9 10}	81.4	80.6	25,389	23,837	1,140	1,050
Tractors and Self-Propelled Farm Machinery	50.8	47.1	25,389	27,469	1,140	1,210
Other Farm Machinery	51.6	52.7	11,803	12,486	530	550
Seeds & Plants ¹¹	79.1	79.9	33,183	38,365	1,490	1,690
Trucks & Autos	46.7	47.2	9,131	9,081	410	400

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Economic Class Gross Sales \$1,000,000 and Over, United States, 2004-05 ¹**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	2,163,443	2,371,981	74,390	83,470
Livestock, Poultry & Related Expenses ⁴	51.8	51.4	310,019	355,499	10,660	12,510
Feed	66.2	61.0	502,545	458,937	17,280	16,150
Farm Services ⁵	100.0	100.0	240,221	303,211	8,260	10,670
Rent ⁶	68.7	68.1	117,493	138,107	4,040	4,860
Agricultural Chemicals ⁷	83.8	83.9	71,834	80,421	2,470	2,830
Fertilizer, Lime & Soil Conditioners ⁷	77.2	77.2	75,905	96,903	2,610	3,410
Interest	85.0	84.4	59,037	68,201	2,030	2,400
Taxes (Real Estate & Property) ¹⁵	97.9	100.0	25,883	34,101	890	1,200
Labor	93.0	93.5	364,403	389,315	12,530	13,700
Fuels	98.8	97.5	59,910	78,716	2,060	2,770
Farm Supplies & Repairs ⁸	99.6	98.3	92,482	104,575	3,180	3,680
Farm Improvements & Construction ^{9 10}	87.2	84.9	66,308	72,464	2,280	2,550
Tractors and Self-Propelled Farm Machinery	50.5	52.0	43,042	45,752	1,480	1,610
Other Farm Machinery	52.3	51.1	22,103	20,745	760	730
Seeds & Plants ¹¹	77.0	74.5	88,120	102,870	3,030	3,620
Trucks & Autos	50.8	49.0	16,868	15,629	580	550

See footnotes on page 67.

**Farm Production Expenditures:
Total,
by Geographical Location, United States, 2004-05 ¹**

State and Region ¹⁴	Total Production Expenditures ^{2 3}		Livestock, Poultry & Related Expenses ⁴		Feed	
	2004	2005	2004	2005	2004	2005
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Atlantic						
North Carolina	7,160	7,270	1,130	1,200	2,350	2,180
Other States	24,710	22,540	1,480	1,380	3,690	3,060
Total	31,870	29,810	2,610	2,580	6,040	5,240
South						
Arkansas	4,790	5,150	400	550	1,060	1,190
Florida	4,830	5,240	100	140	410	410
Georgia	4,300	4,680	320	450	1,170	1,150
Other States	9,770	10,550	770	1,060	1,640	1,810
Total	23,690	25,620	1,590	2,200	4,280	4,560
Midwest						
Illinois	9,480	10,160	320	310	520	500
Indiana	5,490	5,720	230	260	500	400
Iowa	13,590	14,840	1,950	2,170	1,980	2,090
Minnesota	9,970	9,970	920	790	1,220	920
Missouri	5,400	5,910	420	470	710	570
Wisconsin	6,630	7,180	250	310	1,100	1,150
Other States	9,810	9,850	540	530	1,110	1,050
Total	60,370	63,630	4,630	4,840	7,140	6,680
Plains						
Kansas	8,480	8,360	1,820	2,090	990	910
Nebraska	9,640	10,550	1,680	2,040	1,400	1,290
Texas	14,490	15,570	2,190	2,490	2,560	2,210
Other States	14,600	15,010	1,800	1,980	1,150	1,070
Total	47,210	49,490	7,490	8,600	6,100	5,480
West						
California	22,780	25,330	530	560	2,780	2,800
Washington	5,240	5,990	150	170	440	460
Other States	20,640	23,230	2,200	2,450	2,920	2,980
Total	48,660	54,550	2,880	3,180	6,140	6,240
United States	211,800	223,100	19,200	21,400	29,700	28,200

See footnotes on page 67.

**Farm Production Expenditures:
Percent of Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Total Production Expenditures ^{2 3}		Livestock, Poultry & Related Expenses ⁴		Feed	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic						
North Carolina	100.0	100.0	15.8	16.5	32.8	30.0
Other States	100.0	100.0	6.0	6.1	14.9	13.6
Total	100.0	100.0	8.2	8.7	19.0	17.6
South						
Arkansas	100.0	100.0	8.4	10.7	22.1	23.1
Florida	100.0	100.0	2.1	2.7	8.5	7.8
Georgia	100.0	100.0	7.4	9.6	27.2	24.6
Other States	100.0	100.0	7.9	10.0	16.8	17.2
Total	100.0	100.0	6.7	8.6	18.1	17.8
Midwest						
Illinois	100.0	100.0	3.4	3.1	5.5	4.9
Indiana	100.0	100.0	4.2	4.5	9.1	7.0
Iowa	100.0	100.0	14.3	14.6	14.6	14.1
Minnesota	100.0	100.0	9.2	7.9	12.2	9.2
Missouri	100.0	100.0	7.8	8.0	13.1	9.6
Wisconsin	100.0	100.0	3.8	4.3	16.6	16.0
Other States	100.0	100.0	5.5	5.4	11.3	10.7
Total	100.0	100.0	7.7	7.6	11.8	10.5
Plains						
Kansas	100.0	100.0	21.5	25.0	11.7	10.9
Nebraska	100.0	100.0	17.4	19.3	14.5	12.2
Texas	100.0	100.0	15.1	16.0	17.7	14.2
Other States	100.0	100.0	12.3	13.2	7.9	7.1
Total	100.0	100.0	15.9	17.4	12.9	11.1
West						
California	100.0	100.0	2.3	2.2	12.2	11.1
Washington	100.0	100.0	2.9	2.8	8.4	7.7
Other States	100.0	100.0	10.7	10.5	14.1	12.8
Total	100.0	100.0	5.9	5.8	12.6	11.4
United States	100.0	100.0	9.1	9.6	14.0	12.6

See footnotes on page 67.

**Farm Production Expenditures:
Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Farm Services ⁵		Rent ⁶		Agricultural Chemicals ⁷	
	2004	2005	2004	2005	2004	2005
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Atlantic						
North Carolina	760	800	230	200	230	220
Other States	3,000	2,810	810	830	620	600
Total	3,760	3,610	1,040	1,030	850	820
South						
Arkansas	550	640	370	360	280	280
Florida	810	900	80	110	270	250
Georgia	520	600	130	140	230	270
Other States	1,390	1,460	560	520	600	540
Total	3,270	3,600	1,140	1,130	1,380	1,340
Midwest						
Illinois	930	1,040	1,880	1,770	680	680
Indiana	490	540	860	930	320	310
Iowa	1,230	1,490	1,900	2,090	600	580
Minnesota	1,140	1,160	970	1,060	440	450
Missouri	550	600	530	520	220	240
Wisconsin	930	1,010	320	310	190	200
Other States	1,100	1,190	810	890	450	410
Total	6,370	7,030	7,270	7,570	2,900	2,870
Plains						
Kansas	850	810	780	690	250	280
Nebraska	920	1,070	1,200	1,180	330	360
Texas	1,810	2,120	770	940	390	410
Other States	1,740	1,760	1,420	1,390	720	700
Total	5,320	5,760	4,170	4,200	1,690	1,750
West						
California	4,120	4,840	1,290	1,360	960	1,180
Washington	940	1,150	340	370	240	290
Other States	3,020	3,410	1,350	1,440	580	650
Total	8,080	9,400	2,980	3,170	1,780	2,120
United States	26,800	29,400	16,600	17,100	8,600	8,900

See footnotes on page 67.

**Farm Production Expenditures:
Percent of Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Farm Services ⁵		Rent ⁶		Agricultural Chemicals ⁷	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic						
North Carolina	10.6	11.0	3.2	2.8	3.2	3.0
Other States	12.1	12.5	3.3	3.7	2.5	2.7
Total	11.8	12.1	3.3	3.5	2.7	2.8
South						
Arkansas	11.5	12.4	7.7	7.0	5.8	5.4
Florida	16.8	17.2	1.7	2.1	5.6	4.8
Georgia	12.1	12.8	3.0	3.0	5.3	5.8
Other States	14.2	13.8	5.7	4.9	6.1	5.1
Total	13.8	14.1	4.8	4.4	5.8	5.2
Midwest						
Illinois	9.8	10.2	19.8	17.4	7.2	6.7
Indiana	8.9	9.4	15.7	16.3	5.8	5.4
Iowa	9.1	10.0	14.0	14.1	4.4	3.9
Minnesota	11.4	11.6	9.7	10.6	4.4	4.5
Missouri	10.2	10.2	9.8	8.8	4.1	4.1
Wisconsin	14.0	14.1	4.8	4.3	2.9	2.8
Other States	11.2	12.1	8.3	9.0	4.6	4.2
Total	10.6	11.0	12.0	11.9	4.8	4.5
Plains						
Kansas	10.0	9.7	9.2	8.3	2.9	3.3
Nebraska	9.5	10.1	12.4	11.2	3.4	3.4
Texas	12.5	13.6	5.3	6.0	2.7	2.6
Other States	11.9	11.7	9.7	9.3	4.9	4.7
Total	11.3	11.6	8.8	8.5	3.6	3.5
West						
California	18.1	19.1	5.7	5.4	4.2	4.7
Washington	17.9	19.2	6.5	6.2	4.6	4.8
Other States	14.6	14.7	6.5	6.2	2.8	2.8
Total	16.6	17.2	6.1	5.8	3.7	3.9
United States	12.7	13.2	7.8	7.7	4.1	4.0

See footnotes on page 67.

**Farm Production Expenditures:
Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Fertilizer Lime & Soil Conditioners ⁷		Interest		Taxes (Real Estate & Property) ¹⁵	
	2004	2005	2004	2005	2004	2005
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Atlantic						
North Carolina	260	270	140	160	120	150
Other States	930	1,020	960	930	880	1,060
Total	1,190	1,290	1,100	1,090	1,000	1,210
South						
Arkansas	240	260	200	220	80	90
Florida	330	350	90	120	140	170
Georgia	230	270	170	170	110	120
Other States	540	570	320	440	190	230
Total	1,340	1,450	780	950	520	610
Midwest						
Illinois	940	1,080	440	440	470	490
Indiana	580	630	300	280	260	270
Iowa	820	920	670	650	520	590
Minnesota	640	650	520	590	280	320
Missouri	450	520	270	370	220	240
Wisconsin	320	350	350	400	300	320
Other States	690	730	380	500	450	470
Total	4,440	4,880	2,930	3,230	2,500	2,700
Plains						
Kansas	530	560	350	340	260	320
Nebraska	550	660	470	480	360	470
Texas	590	630	540	600	510	570
Other States	880	1,030	710	750	550	590
Total	2,550	2,880	2,070	2,170	1,680	1,950
West						
California	830	1,020	830	910	590	690
Washington	270	290	200	270	170	200
Other States	780	990	990	1,080	540	640
Total	1,880	2,300	2,020	2,260	1,300	1,530
United States	11,400	12,800	8,900	9,700	7,000	8,000

See footnotes on page 67.

**Farm Production Expenditures:
Percent of Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Fertilizer Lime & Soil Conditioners ⁷		Interest		Taxes (Real Estate & Property) ¹⁵	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic						
North Carolina	3.6	3.7	2.0	2.2	1.7	2.1
Other States	3.8	4.5	3.9	4.1	3.6	4.7
Total	3.7	4.3	3.5	3.7	3.1	4.1
South						
Arkansas	5.0	5.0	4.2	4.3	1.7	1.7
Florida	6.8	6.7	1.9	2.3	2.9	3.2
Georgia	5.3	5.8	4.0	3.6	2.6	2.6
Other States	5.5	5.4	3.3	4.2	1.9	2.2
Total	5.7	5.7	3.3	3.7	2.2	2.4
Midwest						
Illinois	9.9	10.6	4.6	4.3	5.0	4.8
Indiana	10.6	11.0	5.5	4.9	4.7	4.7
Iowa	6.0	6.2	4.9	4.4	3.8	4.0
Minnesota	6.4	6.5	5.2	5.9	2.8	3.2
Missouri	8.3	8.8	5.0	6.3	4.1	4.1
Wisconsin	4.8	4.9	5.3	5.6	4.5	4.5
Other States	7.0	7.4	3.9	5.1	4.6	4.8
Total	7.4	7.7	4.9	5.1	4.1	4.2
Plains						
Kansas	6.3	6.7	4.1	4.1	3.1	3.8
Nebraska	5.7	6.3	4.9	4.5	3.7	4.5
Texas	4.1	4.0	3.7	3.9	3.5	3.7
Other States	6.0	6.9	4.9	5.0	3.8	3.9
Total	5.4	5.8	4.4	4.4	3.6	3.9
West						
California	3.6	4.0	3.6	3.6	2.6	2.7
Washington	5.2	4.8	3.8	4.5	3.2	3.3
Other States	3.8	4.3	4.8	4.6	2.6	2.8
Total	3.9	4.2	4.2	4.1	2.7	2.8
United States	5.4	5.7	4.2	4.3	3.3	3.6

See footnotes on page 67.

**Farm Production Expenditures:
Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Labor		Fuels		Farm Supplies & Repairs ⁸	
	2004	2005	2004	2005	2004	2005
	<i>Million Dollars</i>	<i>Million Dollars</i>				
Atlantic						
North Carolina	660	650	270	310	230	260
Other States	2,950	2,560	900	1,020	1,920	1,660
Total	3,610	3,210	1,170	1,330	2,150	1,920
South						
Arkansas	300	280	230	310	200	230
Florida	1,430	1,370	150	190	210	330
Georgia	360	440	160	200	170	230
Other States	760	660	440	550	520	560
Total	2,850	2,750	980	1,250	1,100	1,350
Midwest						
Illinois	460	550	320	450	460	470
Indiana	330	290	180	260	250	310
Iowa	490	510	390	480	500	620
Minnesota	550	500	450	510	560	600
Missouri	240	260	200	290	300	320
Wisconsin	710	630	240	340	440	550
Other States	1,020	800	380	450	710	710
Total	3,800	3,540	2,160	2,780	3,220	3,580
Plains						
Kansas	410	410	420	450	490	440
Nebraska	440	500	400	520	450	540
Texas	1,030	1,140	580	760	680	750
Other States	600	700	680	830	960	870
Total	2,480	2,750	2,080	2,560	2,580	2,600
West						
California	6,600	7,020	610	910	1,090	1,320
Washington	1,130	1,240	170	230	280	360
Other States	2,830	3,290	830	1,040	1,180	1,370
Total	10,560	11,550	1,610	2,180	2,550	3,050
United States	23,300	23,800	8,000	10,100	11,600	12,500

See footnotes on page 67.

**Farm Production Expenditures:
Percent of Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Labor		Fuels		Farm Supplies & Repairs ⁸	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic						
North Carolina	9.2	8.9	3.8	4.3	3.2	3.6
Other States	11.9	11.4	3.6	4.5	7.8	7.4
Total	11.3	10.8	3.7	4.5	6.7	6.4
South						
Arkansas	6.3	5.4	4.8	6.0	4.2	4.5
Florida	29.6	26.1	3.1	3.6	4.3	6.3
Georgia	8.4	9.4	3.7	4.3	4.0	4.9
Other States	7.8	6.3	4.5	5.2	5.3	5.3
Total	12.0	10.7	4.1	4.9	4.6	5.3
Midwest						
Illinois	4.9	5.4	3.4	4.4	4.9	4.6
Indiana	6.0	5.1	3.3	4.5	4.6	5.4
Iowa	3.6	3.4	2.9	3.2	3.7	4.2
Minnesota	5.5	5.0	4.5	5.1	5.6	6.0
Missouri	4.4	4.4	3.7	4.9	5.6	5.4
Wisconsin	10.7	8.8	3.6	4.7	6.6	7.7
Other States	10.4	8.1	3.9	4.6	7.2	7.2
Total	6.3	5.6	3.6	4.4	5.3	5.6
Plains						
Kansas	4.8	4.9	5.0	5.4	5.8	5.3
Nebraska	4.6	4.7	4.1	4.9	4.7	5.1
Texas	7.1	7.3	4.0	4.9	4.7	4.8
Other States	4.1	4.7	4.7	5.5	6.6	5.8
Total	5.3	5.6	4.4	5.2	5.5	5.3
West						
California	29.0	27.7	2.7	3.6	4.8	5.2
Washington	21.6	20.7	3.2	3.8	5.3	6.0
Other States	13.7	14.2	4.0	4.5	5.7	5.9
Total	21.7	21.2	3.3	4.0	5.2	5.6
United States	11.0	10.7	3.8	4.5	5.5	5.6

See footnotes on page 67.

**Farm Production Expenditures:
Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Farm Improvements & Construction ^{9 10}		Tractors & Self Propelled Farm Machinery	
	2004	2005	2004	2005
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Atlantic				
North Carolina	240	270	170	180
Other States	2,630	2,440	1,330	900
Total	2,870	2,710	1,500	1,080
South				
Arkansas	210	180	260	170
Florida	210	230	110	120
Georgia	200	190	210	120
Other States	520	650	560	550
Total	1,140	1,250	1,140	960
Midwest				
Illinois	380	460	420	580
Indiana	340	280	190	250
Iowa	640	670	590	550
Minnesota	550	800	530	470
Missouri	340	470	370	460
Wisconsin	580	620	250	310
Other States	570	450	450	530
Total	3,400	3,750	2,800	3,150
Plains				
Kansas	310	250	330	250
Nebraska	330	330	280	260
Texas	980	1,180	700	670
Other States	890	760	770	780
Total	2,510	2,520	2,080	1,960
West				
California	1,000	1,010	300	320
Washington	360	380	200	180
Other States	1,320	1,180	680	850
Total	2,680	2,570	1,180	1,350
United States	12,600	12,800	8,700	8,500

See footnotes on page 67.

**Farm Production Expenditures:
Percent of Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Farm Improvements & Construction ^{9 10}		Tractors & Self Propelled Farm Machinery	
	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic				
North Carolina	3.4	3.4	2.4	2.5
Other States	10.6	10.6	5.4	4.0
Total	9.0	9.0	4.7	3.6
South				
Arkansas	4.4	4.4	5.4	3.3
Florida	4.3	4.3	2.3	2.3
Georgia	4.7	4.7	4.9	2.6
Other States	5.3	5.3	5.7	5.2
Total	4.8	4.8	4.8	3.7
Midwest				
Illinois	4.0	4.0	4.4	5.7
Indiana	6.2	6.2	3.5	4.4
Iowa	4.7	4.7	4.3	3.7
Minnesota	5.5	5.5	5.3	4.7
Missouri	6.3	6.3	6.9	7.8
Wisconsin	8.7	8.7	3.8	4.3
Other States	5.8	5.8	4.6	5.4
Total	5.6	5.6	4.6	5.0
Plains				
Kansas	3.7	3.7	3.9	3.0
Nebraska	3.4	3.4	2.9	2.5
Texas	6.8	6.8	4.8	4.3
Other States	6.1	6.1	5.3	5.2
Total	5.3	5.3	4.4	4.0
West				
California	4.4	4.4	1.3	1.3
Washington	6.9	6.9	3.8	3.0
Other States	6.4	6.4	3.3	3.7
Total	5.5	5.5	2.4	2.5
United States	5.9	5.9	4.1	3.8

See footnotes on page 67.

**Farm Production Expenditures:
Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Other Farm Machinery		Seeds & Plants ¹¹		Trucks & Autos	
	2004	2005	2004	2005	2004	2005
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Atlantic						
North Carolina	60	70	200	210	90	110
Other States	650	560	1,030	960	780	630
Total	710	630	1,230	1,170	870	740
South						
Arkansas	80	50	180	220	130	100
Florida	40	40	340	410	80	70
Georgia	70	40	160	190	80	90
Other States	240	180	430	460	280	290
Total	430	310	1,110	1,280	570	550
Midwest						
Illinois	220	260	810	860	210	190
Indiana	130	140	410	450	100	110
Iowa	290	340	800	840	180	200
Minnesota	250	280	680	670	190	160
Missouri	190	140	260	300	120	120
Wisconsin	200	220	280	310	160	140
Other States	300	280	620	670	200	160
Total	1,580	1,660	3,860	4,100	1,160	1,080
Plains						
Kansas	170	110	280	270	220	160
Nebraska	180	180	450	500	180	150
Texas	240	230	380	380	500	450
Other States	510	480	660	730	510	540
Total	1,100	1,000	1,770	1,880	1,410	1,300
West						
California	110	120	850	980	230	220
Washington	60	70	190	230	80	70
Other States	310	310	590	760	480	740
Total	480	500	1,630	1,970	790	1,030
United States	4,300	4,100	9,600	10,400	4,800	4,700

See footnotes on page 67.

**Farm Production Expenditures:
Percent of Total,
by Geographical Location, United States, 2004-05 ¹ (continued)**

State and Region ¹⁴	Other Farm Machinery		Seeds & Plants ¹¹		Trucks & Autos	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic						
North Carolina	0.8	1.0	2.8	2.9	1.3	1.5
Other States	2.6	2.5	4.2	4.3	3.2	2.8
Total	2.2	2.1	3.9	3.9	2.7	2.5
South						
Arkansas	1.7	1.0	3.8	4.3	2.7	1.9
Florida	0.8	0.8	7.0	7.8	1.7	1.3
Georgia	1.6	0.9	3.7	4.1	1.9	1.9
Other States	2.5	1.7	4.4	4.4	2.9	2.7
Total	1.8	1.2	4.7	5.0	2.4	2.1
Midwest						
Illinois	2.3	2.6	8.5	8.5	2.2	1.9
Indiana	2.4	2.4	7.5	7.9	1.8	1.9
Iowa	2.1	2.3	5.9	5.7	1.3	1.3
Minnesota	2.5	2.8	6.8	6.7	1.9	1.6
Missouri	3.5	2.4	4.8	5.1	2.2	2.0
Wisconsin	3.0	3.1	4.2	4.3	2.4	1.9
Other States	3.1	2.8	6.3	6.8	2.0	1.6
Total	2.6	2.6	6.4	6.4	1.9	1.7
Plains						
Kansas	2.0	1.3	3.3	3.2	2.6	1.9
Nebraska	1.9	1.7	4.7	4.7	1.9	1.4
Texas	1.7	1.5	2.6	2.4	3.5	2.9
Other States	3.5	3.2	4.5	4.9	3.5	3.6
Total	2.3	2.0	3.7	3.8	3.0	2.6
West						
California	0.5	0.5	3.7	3.9	1.0	0.9
Washington	1.1	1.2	3.6	3.8	1.5	1.2
Other States	1.5	1.3	2.9	3.3	2.3	3.2
Total	1.0	0.9	3.3	3.6	1.6	1.9
United States	2.0	1.8	4.5	4.7	2.3	2.1

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Atlantic Region, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	72,912	69,045	31,870	29,810
Livestock, Poultry & Related Expenses ⁴	28.9	29.0	5,971	5,976	2,610	2,580
Feed	68.3	66.6	13,818	12,137	6,040	5,240
Farm Services ⁵	97.5	94.8	8,602	8,361	3,760	3,610
Rent ⁶	23.3	22.1	2,379	2,386	1,040	1,030
Agricultural Chemicals ⁷	46.3	41.8	1,945	1,899	850	820
Fertilizer, Lime & Soil Conditioners ⁷	59.9	54.9	2,722	2,988	1,190	1,290
Interest	36.4	36.5	2,517	2,525	1,100	1,090
Taxes (Real Estate & Property) ¹⁵	99.5	100.0	2,288	2,803	1,000	1,210
Labor	35.6	33.2	8,259	7,435	3,610	3,210
Fuels	91.4	84.9	2,677	3,080	1,170	1,330
Farm Supplies & Repairs ⁸	88.8	87.3	4,919	4,447	2,150	1,920
Farm Improvements & Construction ^{9 10}	63.1	60.1	6,566	6,277	2,870	2,710
Tractors and Self-Propelled Farm Machinery	17.3	14.9	3,432	2,501	1,500	1,080
Other Farm Machinery	23.9	26.2	1,624	1,459	710	630
Seeds & Plants ¹¹	47.4	42.2	2,814	2,710	1,230	1,170
Trucks & Autos	18.3	19.3	1,990	1,714	870	740

See footnotes on page 67.

**Farm Production Expenditures:
Total,
Atlantic Region, 2001-2005 ¹⁴**

Expenditure	2001	2002	2003	2004	2005
	<i>Million Dollars</i>				
Total Farm Production Expenditures ^{2 3}	26,170	29,450	29,640	31,870	29,810
Livestock, Poultry & Related Expenses ⁴	2,190	2,620	2,600	2,610	2,580
Feed	4,970	5,710	5,780	6,040	5,240
Farm Services ⁵	3,380	3,740	3,630	3,760	3,610
Rent ⁶	1,040	1,070	1,030	1,040	1,030
Agricultural Chemicals ⁷	780	830	810	850	820
Fertilizer, Lime & Soil Conditioners ⁷	1,170	1,120	1,090	1,190	1,290
Interest	1,220	1,390	1,210	1,100	1,090
Taxes (Real Estate & Property) ¹⁵	970	920	950	1,000	1,210
Labor	2,920	3,770	3,570	3,610	3,210
Fuels	910	920	920	1,170	1,330
Farm Supplies & Repairs ⁸	1,810	1,950	1,750	2,150	1,920
Farm Improvements & Construction ^{9 10}	1,510	1,410	2,250	2,870	2,710
Tractors and Self-Propelled Farm Machinery	910	1,110	1,250	1,500	1,080
Other Farm Machinery	640	630	720	710	630
Seeds & Plants ¹¹	930	1,280	1,320	1,230	1,170
Trucks & Autos	740	800	660	870	740

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
North Carolina, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	137,692	145,400	7,160	7,270
Livestock, Poultry & Related Expenses ⁴	21.3	22.4	21,731	24,000	1,130	1,200
Feed	57.3	60.7	45,192	43,600	2,350	2,180
Farm Services ⁵	95.2	88.6	14,615	16,000	760	800
Rent ⁶	37.6	31.9	4,423	4,000	230	200
Agricultural Chemicals ⁷	51.9	60.2	4,423	4,400	230	220
Fertilizer, Lime & Soil Conditioners ⁷	80.4	74.2	5,000	5,400	260	270
Interest	29.4	40.4	2,692	3,200	140	160
Taxes (Real Estate & Property) ¹⁵	97.9	100.0	2,308	3,000	120	150
Labor	36.3	41.3	12,692	13,000	660	650
Fuels	88.7	89.2	5,192	6,200	270	310
Farm Supplies & Repairs ⁸	84.7	83.5	4,423	5,200	230	260
Farm Improvements & Construction ^{9 10}	56.0	61.6	4,615	5,400	240	270
Tractors and Self-Propelled Farm Machinery	25.5	32.5	3,269	3,600	170	180
Other Farm Machinery	29.7	33.6	1,154	1,400	60	70
Seeds & Plants ¹¹	50.6	48.1	3,846	4,200	200	210
Trucks & Autos	23.6	37.0	1,731	2,200	90	110

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
All Other States, Atlantic Region 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	64,165	59,044	24,710	22,540
Livestock, Poultry & Related Expenses ⁴	29.9	29.8	3,843	3,615	1,480	1,380
Feed	69.8	67.4	9,582	8,016	3,690	3,060
Farm Services ⁵	97.8	95.6	7,790	7,361	3,000	2,810
Rent ⁶	21.4	20.8	2,103	2,174	810	830
Agricultural Chemicals ⁷	45.5	39.4	1,610	1,572	620	600
Fertilizer, Lime & Soil Conditioners ⁷	57.1	52.4	2,415	2,672	930	1,020
Interest	37.3	36.0	2,493	2,436	960	930
Taxes (Real Estate & Property) ¹⁵	99.7	100.0	2,285	2,777	880	1,060
Labor	35.5	32.1	7,660	6,706	2,950	2,560
Fuels	91.8	84.3	2,337	2,672	900	1,020
Farm Supplies & Repairs ⁸	89.3	87.8	4,986	4,348	1,920	1,660
Farm Improvements & Construction ^{9 10}	64.0	59.9	6,829	6,392	2,630	2,440
Tractors and Self-Propelled Farm Machinery	16.2	12.5	3,454	2,358	1,330	900
Other Farm Machinery	23.2	25.2	1,688	1,467	650	560
Seeds & Plants ¹¹	47.0	41.5	2,675	2,515	1,030	960
Trucks & Autos	17.6	17.0	2,025	1,650	780	630

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
South Region, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	85,431	93,062	23,690	25,620
Livestock, Poultry & Related Expenses ⁴	25.2	26.2	5,734	7,991	1,590	2,200
Feed	71.4	68.1	15,435	16,564	4,280	4,560
Farm Services ⁵	95.9	95.1	11,792	13,077	3,270	3,600
Rent ⁶	22.2	23.6	4,111	4,105	1,140	1,130
Agricultural Chemicals ⁷	47.6	45.3	4,977	4,867	1,380	1,340
Fertilizer, Lime & Soil Conditioners ⁷	65.0	61.2	4,832	5,267	1,340	1,450
Interest	30.1	34.3	2,813	3,451	780	950
Taxes (Real Estate & Property) ¹⁵	98.2	98.4	1,875	2,216	520	610
Labor	32.2	33.8	10,278	9,989	2,850	2,750
Fuels	87.3	89.8	3,534	4,541	980	1,250
Farm Supplies & Repairs ⁸	85.2	86.2	3,967	4,904	1,100	1,350
Farm Improvements & Construction ^{9 10}	55.0	54.4	4,111	4,541	1,140	1,250
Tractors and Self-Propelled Farm Machinery	21.4	21.7	4,111	3,487	1,140	960
Other Farm Machinery	23.4	23.6	1,551	1,126	430	310
Seeds & Plants ¹¹	37.9	35.0	4,003	4,649	1,110	1,280
Trucks & Autos	19.7	21.9	2,056	1,998	570	550

See footnotes on page 67.

**Farm Production Expenditures:
Total,
South Region, 2001-2005 ¹⁴**

Expenditure	2001	2002	2003	2004	2005
	<i>Million Dollars</i>				
Total Farm Production Expenditures ^{2 3}	21,905	21,660	23,010	23,690	25,620
Livestock, Poultry & Related Expenses ⁴	1,510	1,680	1,600	1,590	2,200
Feed	4,040	3,900	4,150	4,280	4,560
Farm Services ⁵	3,120	3,030	3,240	3,270	3,600
Rent ⁶	1,080	1,060	1,080	1,140	1,130
Agricultural Chemicals ⁷	1,350	1,240	1,280	1,380	1,340
Fertilizer, Lime & Soil Conditioners ⁷	1,140	1,130	1,200	1,340	1,450
Interest	960	1,000	910	780	950
Taxes (Real Estate & Property) ¹⁵	485	480	480	520	610
Labor	2,610	2,640	2,670	2,850	2,750
Fuels	830	870	850	980	1,250
Farm Supplies & Repairs ⁸	1,340	1,290	1,130	1,100	1,350
Farm Improvements & Construction ^{9 10}	850	750	1,160	1,140	1,250
Tractors and Self-Propelled Farm Machinery	750	690	1,010	1,140	960
Other Farm Machinery	360	260	420	430	310
Seeds & Plants ¹¹	820	1,030	1,080	1,110	1,280
Trucks & Autos	560	540	650	570	550

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Arkansas, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	100,842	109,574	4,790	5,150
Livestock, Poultry & Related Expenses ⁴	33.0	34.2	8,421	11,702	400	550
Feed	77.0	74.0	22,316	25,319	1,060	1,190
Farm Services ⁵	97.3	94.7	11,579	13,617	550	640
Rent ⁶	32.5	27.8	7,789	7,660	370	360
Agricultural Chemicals ⁷	47.5	39.0	5,895	5,957	280	280
Fertilizer, Lime & Soil Conditioners ⁷	56.3	51.0	5,053	5,532	240	260
Interest	39.4	43.3	4,211	4,681	200	220
Taxes (Real Estate & Property) ¹⁵	98.2	100.0	1,684	1,915	80	90
Labor	33.9	33.4	6,316	5,957	300	280
Fuels	90.7	87.3	4,842	6,596	230	310
Farm Supplies & Repairs ⁸	89.8	86.5	4,211	4,894	200	230
Farm Improvements & Construction ^{9 10}	63.1	59.7	4,421	3,830	210	180
Tractors and Self-Propelled Farm Machinery	31.0	33.2	5,474	3,617	260	170
Other Farm Machinery	35.0	34.8	1,684	1,064	80	50
Seeds & Plants ¹¹	21.3	28.3	3,789	4,681	180	220
Trucks & Autos	29.2	35.1	2,737	2,128	130	100

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Florida, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	112,326	123,294	4,830	5,240
Livestock, Poultry & Related Expenses ⁴	15.0	16.9	2,326	3,294	100	140
Feed	72.7	61.8	9,535	9,647	410	410
Farm Services ⁵	97.0	96.4	18,837	21,176	810	900
Rent ⁶	10.2	14.0	1,860	2,588	80	110
Agricultural Chemicals ⁷	45.3	50.4	6,279	5,882	270	250
Fertilizer, Lime & Soil Conditioners ⁷	65.9	67.0	7,674	8,235	330	350
Interest	17.6	15.7	2,093	2,824	90	120
Taxes (Real Estate & Property) ¹⁵	99.8	100.0	3,256	4,000	140	170
Labor	34.9	40.0	33,256	32,235	1,430	1,370
Fuels	76.1	88.1	3,488	4,471	150	190
Farm Supplies & Repairs ⁸	78.8	82.4	4,884	7,765	210	330
Farm Improvements & Construction ^{9 10}	54.5	57.0	4,884	5,412	210	230
Tractors and Self-Propelled Farm Machinery	23.1	27.1	2,558	2,824	110	120
Other Farm Machinery	24.4	26.1	930	941	40	40
Seeds & Plants ¹¹	31.1	31.3	7,907	9,647	340	410
Trucks & Autos	25.6	26.3	1,860	1,647	80	70

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Georgia, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	87,755	95,510	4,300	4,680
Livestock, Poultry & Related Expenses ⁴	23.7	18.5	6,531	9,184	320	450
Feed	65.1	58.9	23,878	23,469	1,170	1,150
Farm Services ⁵	93.8	93.5	10,612	12,245	520	600
Rent ⁶	19.7	29.5	2,653	2,857	130	140
Agricultural Chemicals ⁷	50.3	37.3	4,694	5,510	230	270
Fertilizer, Lime & Soil Conditioners ⁷	75.3	62.2	4,694	5,510	230	270
Interest	31.5	25.8	3,469	3,469	170	170
Taxes (Real Estate & Property) ¹⁵	99.2	100.0	2,245	2,449	110	120
Labor	34.9	28.4	7,347	8,980	360	440
Fuels	87.0	90.3	3,265	4,082	160	200
Farm Supplies & Repairs ⁸	84.5	84.9	3,469	4,694	170	230
Farm Improvements & Construction ^{9 10}	50.4	45.6	4,082	3,878	200	190
Tractors and Self-Propelled Farm Machinery	34.4	22.3	4,286	2,449	210	120
Other Farm Machinery	32.3	22.6	1,429	816	70	40
Seeds & Plants ¹¹	46.4	39.4	3,265	3,878	160	190
Trucks & Autos	20.7	27.1	1,633	1,837	80	90

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
All Other States, South Region 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	70,900	77,120	9,770	10,550
Livestock, Poultry & Related Expenses ⁴	26.1	29.1	5,588	7,749	770	1,060
Feed	71.4	71.3	11,901	13,231	1,640	1,810
Farm Services ⁵	95.9	95.4	10,087	10,673	1,390	1,460
Rent ⁶	23.2	23.1	4,064	3,801	560	520
Agricultural Chemicals ⁷	47.4	48.8	4,354	3,947	600	540
Fertilizer, Lime & Soil Conditioners ⁷	64.1	62.5	3,919	4,167	540	570
Interest	30.3	40.1	2,322	3,216	320	440
Taxes (Real Estate & Property) ¹⁵	97.4	96.9	1,379	1,681	190	230
Labor	29.8	33.9	5,515	4,825	760	660
Fuels	89.8	91.0	3,193	4,020	440	550
Farm Supplies & Repairs ⁸	85.9	87.9	3,774	4,094	520	560
Farm Improvements & Construction ^{9 10}	53.9	55.0	3,774	4,751	520	650
Tractors and Self-Propelled Farm Machinery	13.0	15.9	4,064	4,020	560	550
Other Farm Machinery	15.9	19.3	1,742	1,316	240	180
Seeds & Plants ¹¹	42.6	36.8	3,120	3,363	430	460
Trucks & Autos	14.3	14.2	2,032	2,120	280	290

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Midwest Region, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	98,195	104,124	60,370	63,630
Livestock, Poultry & Related Expenses ⁴	23.8	22.1	7,531	7,920	4,630	4,840
Feed	53.0	54.6	11,614	10,931	7,140	6,680
Farm Services ⁵	93.5	95.1	10,361	11,504	6,370	7,030
Rent ⁶	37.3	35.7	11,825	12,387	7,270	7,570
Agricultural Chemicals ⁷	53.7	53.8	4,717	4,696	2,900	2,870
Fertilizer, Lime & Soil Conditioners ⁷	62.4	57.4	7,222	7,986	4,440	4,880
Interest	45.6	47.0	4,766	5,286	2,930	3,230
Taxes (Real Estate & Property) ¹⁵	99.2	100.0	4,066	4,418	2,500	2,700
Labor	29.6	30.2	6,181	5,793	3,800	3,540
Fuels	84.7	83.9	3,513	4,549	2,160	2,780
Farm Supplies & Repairs ⁸	85.3	84.4	5,237	5,858	3,220	3,580
Farm Improvements & Construction ^{9 10}	60.1	61.0	5,530	6,136	3,400	3,750
Tractors and Self-Propelled Farm Machinery	29.0	30.3	4,554	5,155	2,800	3,150
Other Farm Machinery	36.7	34.5	2,570	2,716	1,580	1,660
Seeds & Plants ¹¹	57.5	54.9	6,278	6,709	3,860	4,100
Trucks & Autos	29.0	29.0	1,887	1,767	1,160	1,080

See footnotes on page 67.

**Farm Production Expenditures:
Total,
Midwest Region, 2001-2005 ¹⁴**

Expenditure	2001	2002	2003	2004	2005
	<i>Million Dollars</i>				
Total Farm Production Expenditures ^{2 3}	56,580	54,310	56,090	60,370	63,630
Livestock, Poultry & Related Expenses ⁴	4,350	4,350	4,300	4,630	4,840
Feed	6,240	5,660	6,740	7,140	6,680
Farm Services ⁵	6,300	6,020	5,990	6,370	7,030
Rent ⁶	7,530	7,280	7,100	7,270	7,570
Agricultural Chemicals ⁷	3,080	2,910	2,910	2,900	2,870
Fertilizer, Lime & Soil Conditioners ⁷	3,910	3,530	3,770	4,440	4,880
Interest	3,540	3,270	2,880	2,930	3,230
Taxes (Real Estate & Property) ¹⁵	2,540	2,530	2,490	2,500	2,700
Labor	3,310	3,200	3,460	3,800	3,540
Fuels	1,810	1,730	1,780	2,160	2,780
Farm Supplies & Repairs ⁸	3,650	3,530	3,120	3,220	3,580
Farm Improvements & Construction ^{9 10}	2,170	2,350	3,190	3,400	3,750
Tractors and Self-Propelled Farm Machinery	2,160	2,010	2,060	2,800	3,150
Other Farm Machinery	1,340	1,510	1,350	1,580	1,660
Seeds & Plants ¹¹	3,390	3,380	3,660	3,860	4,100
Trucks & Autos	1,150	960	1,110	1,160	1,080

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Illinois, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	129,863	140,138	9,480	10,160
Livestock, Poultry & Related Expenses ⁴	16.4	16.7	4,384	4,276	320	310
Feed	39.2	33.0	7,123	6,897	520	500
Farm Services ⁵	96.4	93.8	12,740	14,345	930	1,040
Rent ⁶	46.1	46.2	25,753	24,414	1,880	1,770
Agricultural Chemicals ⁷	65.5	63.8	9,315	9,379	680	680
Fertilizer, Lime & Soil Conditioners ⁷	67.1	66.2	12,877	14,897	940	1,080
Interest	49.5	49.6	6,027	6,069	440	440
Taxes (Real Estate & Property) ¹⁵	99.0	100.0	6,438	6,759	470	490
Labor	34.2	29.8	6,301	7,586	460	550
Fuels	83.4	86.8	4,384	6,207	320	450
Farm Supplies & Repairs ⁸	80.6	85.1	6,301	6,483	460	470
Farm Improvements & Construction ^{9 10}	59.9	68.6	5,205	6,345	380	460
Tractors and Self-Propelled Farm Machinery	31.2	40.9	5,753	8,000	420	580
Other Farm Machinery	37.1	38.6	3,014	3,586	220	260
Seeds & Plants ¹¹	64.2	66.2	11,096	11,862	810	860
Trucks & Autos	35.5	36.1	2,877	2,621	210	190

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Indiana, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	92,580	96,949	5,490	5,720
Livestock, Poultry & Related Expenses ⁴	16.3	19.6	3,879	4,407	230	260
Feed	46.0	59.5	8,432	6,780	500	400
Farm Services ⁵	97.0	93.7	8,263	9,153	490	540
Rent ⁶	35.7	33.9	14,503	15,763	860	930
Agricultural Chemicals ⁷	55.8	48.9	5,396	5,254	320	310
Fertilizer, Lime & Soil Conditioners ⁷	62.4	59.4	9,781	10,678	580	630
Interest	50.4	42.1	5,059	4,746	300	280
Taxes (Real Estate & Property) ¹⁵	100.0	100.0	4,384	4,576	260	270
Labor	24.8	28.9	5,565	4,915	330	290
Fuels	76.4	75.9	3,035	4,407	180	260
Farm Supplies & Repairs ⁸	86.6	71.3	4,216	5,254	250	310
Farm Improvements & Construction ^{9 10}	57.3	57.2	5,734	4,746	340	280
Tractors and Self-Propelled Farm Machinery	31.3	32.0	3,204	4,237	190	250
Other Farm Machinery	39.4	37.7	2,192	2,373	130	140
Seeds & Plants ¹¹	60.8	65.2	6,914	7,627	410	450
Trucks & Autos	33.7	35.1	1,686	1,864	100	110

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Iowa, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	151,505	166,742	13,590	14,840
Livestock, Poultry & Related Expenses ⁴	26.6	24.1	21,739	24,382	1,950	2,170
Feed	43.8	41.6	22,074	23,483	1,980	2,090
Farm Services ⁵	93.8	93.7	13,712	16,742	1,230	1,490
Rent ⁶	43.3	46.6	21,182	23,483	1,900	2,090
Agricultural Chemicals ⁷	61.7	64.1	6,689	6,517	600	580
Fertilizer, Lime & Soil Conditioners ⁷	60.6	65.7	9,142	10,337	820	920
Interest	50.0	56.9	7,469	7,303	670	650
Taxes (Real Estate & Property) ¹⁵	96.2	100.0	5,797	6,629	520	590
Labor	31.7	30.6	5,463	5,730	490	510
Fuels	86.4	79.1	4,348	5,393	390	480
Farm Supplies & Repairs ⁸	79.4	81.0	5,574	6,966	500	620
Farm Improvements & Construction ^{9 10}	62.3	65.0	7,135	7,528	640	670
Tractors and Self-Propelled Farm Machinery	36.9	36.6	6,577	6,180	590	550
Other Farm Machinery	37.3	40.3	3,233	3,820	290	340
Seeds & Plants ¹¹	66.5	67.1	8,919	9,438	800	840
Trucks & Autos	30.1	38.0	2,007	2,247	180	200

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Minnesota, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	124,937	125,251	9,970	9,970
Livestock, Poultry & Related Expenses ⁴	21.3	22.3	11,529	9,925	920	790
Feed	47.3	49.4	15,288	11,558	1,220	920
Farm Services ⁵	94.2	94.0	14,286	14,573	1,140	1,160
Rent ⁶	47.8	38.4	12,155	13,317	970	1,060
Agricultural Chemicals ⁷	60.6	56.5	5,514	5,653	440	450
Fertilizer, Lime & Soil Conditioners ⁷	61.0	55.9	8,020	8,166	640	650
Interest	54.0	56.9	6,516	7,412	520	590
Taxes (Real Estate & Property) ¹⁵	99.7	100.0	3,509	4,020	280	320
Labor	37.0	30.6	6,892	6,281	550	500
Fuels	88.3	84.4	5,639	6,407	450	510
Farm Supplies & Repairs ⁸	89.8	85.2	7,018	7,538	560	600
Farm Improvements & Construction ^{9 10}	67.1	69.0	6,892	10,050	550	800
Tractors and Self-Propelled Farm Machinery	35.8	36.1	6,642	5,905	530	470
Other Farm Machinery	39.5	38.8	3,133	3,518	250	280
Seeds & Plants ¹¹	64.8	60.7	8,521	8,417	680	670
Trucks & Autos	33.8	32.2	2,381	2,010	190	160

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Missouri, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	50,943	56,286	5,400	5,910
Livestock, Poultry & Related Expenses ⁴	28.9	24.9	3,962	4,476	420	470
Feed	71.3	71.9	6,698	5,429	710	570
Farm Services ⁵	93.7	94.7	5,189	5,714	550	600
Rent ⁶	26.8	23.5	5,000	4,952	530	520
Agricultural Chemicals ⁷	38.0	49.7	2,075	2,286	220	240
Fertilizer, Lime & Soil Conditioners ⁷	62.5	52.6	4,245	4,952	450	520
Interest	41.1	38.8	2,547	3,524	270	370
Taxes (Real Estate & Property) ¹⁵	100.0	100.0	2,075	2,286	220	240
Labor	30.0	25.4	2,264	2,476	240	260
Fuels	78.5	88.9	1,887	2,762	200	290
Farm Supplies & Repairs ⁸	81.5	87.8	2,830	3,048	300	320
Farm Improvements & Construction ^{9 10}	60.0	55.2	3,208	4,476	340	470
Tractors and Self-Propelled Farm Machinery	34.0	32.4	3,491	4,381	370	460
Other Farm Machinery	37.8	31.5	1,792	1,333	190	140
Seeds & Plants ¹¹	36.0	36.5	2,453	2,857	260	300
Trucks & Autos	29.2	30.2	1,132	1,143	120	120

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Wisconsin, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	86,667	93,856	6,630	7,180
Livestock, Poultry & Related Expenses ⁴	29.1	33.1	3,268	4,052	250	310
Feed	58.5	59.9	14,379	15,033	1,100	1,150
Farm Services ⁵	90.8	94.2	12,157	13,203	930	1,010
Rent ⁶	35.5	37.9	4,183	4,052	320	310
Agricultural Chemicals ⁷	46.9	53.6	2,484	2,614	190	200
Fertilizer, Lime & Soil Conditioners ⁷	60.7	53.8	4,183	4,575	320	350
Interest	47.3	54.8	4,575	5,229	350	400
Taxes (Real Estate & Property) ¹⁵	99.6	100.0	3,922	4,183	300	320
Labor	34.5	38.5	9,281	8,235	710	630
Fuels	81.4	80.2	3,137	4,444	240	340
Farm Supplies & Repairs ⁸	83.2	85.5	5,752	7,190	440	550
Farm Improvements & Construction ^{9 10}	63.8	65.2	7,582	8,105	580	620
Tractors and Self-Propelled Farm Machinery	29.5	32.7	3,268	4,052	250	310
Other Farm Machinery	42.4	44.4	2,614	2,876	200	220
Seeds & Plants ¹¹	61.6	55.2	3,660	4,052	280	310
Trucks & Autos	39.5	32.0	2,092	1,830	160	140

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
All Other States, Midwest Region 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	75,172	76,062	9,810	9,850
Livestock, Poultry & Related Expenses ⁴	23.8	16.1	4,138	4,093	540	530
Feed	55.6	59.5	8,506	8,108	1,110	1,050
Farm Services ⁵	91.0	98.8	8,429	9,189	1,100	1,190
Rent ⁶	32.1	30.2	6,207	6,873	810	890
Agricultural Chemicals ⁷	53.5	45.1	3,448	3,166	450	410
Fertilizer, Lime & Soil Conditioners ⁷	62.7	52.9	5,287	5,637	690	730
Interest	35.7	37.1	2,912	3,861	380	500
Taxes (Real Estate & Property) ¹⁵	100.0	100.0	3,448	3,629	450	470
Labor	20.0	29.3	7,816	6,178	1,020	800
Fuels	92.6	87.1	2,912	3,475	380	450
Farm Supplies & Repairs ⁸	93.1	88.2	5,441	5,483	710	710
Farm Improvements & Construction ^{9 10}	53.4	53.1	4,368	3,475	570	450
Tractors and Self-Propelled Farm Machinery	12.6	12.5	3,448	4,093	450	530
Other Farm Machinery	29.0	20.7	2,299	2,162	300	280
Seeds & Plants ¹¹	56.7	46.9	4,751	5,174	620	670
Trucks & Autos	13.4	11.4	1,533	1,236	200	160

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Plains Region, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	96,901	101,580	47,210	49,490
Livestock, Poultry & Related Expenses ⁴	28.7	29.5	15,374	17,652	7,490	8,600
Feed	68.9	68.0	12,521	11,248	6,100	5,480
Farm Services ⁵	96.5	94.5	10,920	11,823	5,320	5,760
Rent ⁶	36.4	41.4	8,559	8,621	4,170	4,200
Agricultural Chemicals ⁷	46.7	48.6	3,469	3,592	1,690	1,750
Fertilizer, Lime & Soil Conditioners ⁷	54.4	48.3	5,234	5,911	2,550	2,880
Interest	39.4	43.1	4,249	4,454	2,070	2,170
Taxes (Real Estate & Property) ¹⁵	98.9	100.0	3,448	4,002	1,680	1,950
Labor	37.1	35.8	5,090	5,644	2,480	2,750
Fuels	83.8	81.5	4,269	5,255	2,080	2,560
Farm Supplies & Repairs ⁸	81.9	80.6	5,296	5,337	2,580	2,600
Farm Improvements & Construction ^{9 10}	59.6	56.4	5,152	5,172	2,510	2,520
Tractors and Self-Propelled Farm Machinery	24.8	29.1	4,269	4,023	2,080	1,960
Other Farm Machinery	27.1	30.3	2,258	2,053	1,100	1,000
Seeds & Plants ¹¹	40.1	38.2	3,633	3,859	1,770	1,880
Trucks & Autos	26.7	29.0	2,894	2,668	1,410	1,300

See footnotes on page 67.

**Farm Production Expenditures:
Total,
Plains Region, 2001-2005 ¹⁴**

Expenditure	2001	2002	2003	2004	2005
	<i>Million Dollars</i>				
Total Farm Production Expenditures ^{2 3}	42,200	38,690	43,450	47,210	49,490
Livestock, Poultry & Related Expenses ⁴	7,430	6,530	7,000	7,490	8,600
Feed	4,460	3,760	5,330	6,100	5,480
Farm Services ⁵	5,340	4,860	5,210	5,320	5,760
Rent ⁶	4,000	3,910	4,170	4,170	4,200
Agricultural Chemicals ⁷	1,580	1,600	1,630	1,690	1,750
Fertilizer, Lime & Soil Conditioners ⁷	2,260	2,070	2,190	2,550	2,880
Interest	2,490	2,280	2,100	2,070	2,170
Taxes (Real Estate & Property) ¹⁵	1,600	1,650	1,640	1,680	1,950
Labor	2,320	1,920	2,130	2,480	2,750
Fuels	1,770	1,680	1,780	2,080	2,560
Farm Supplies & Repairs ⁸	2,570	2,340	2,230	2,580	2,600
Farm Improvements & Construction ^{9 10}	1,330	1,240	2,370	2,510	2,520
Tractors and Self-Propelled Farm Machinery	1,400	1,370	1,660	2,080	1,960
Other Farm Machinery	880	850	980	1,100	1,000
Seeds & Plants ¹¹	1,490	1,500	1,620	1,770	1,880
Trucks & Autos	1,130	1,070	1,340	1,410	1,300

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Kansas, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	131,473	129,612	8,480	8,360
Livestock, Poultry & Related Expenses ⁴	24.7	26.0	28,217	32,403	1,820	2,090
Feed	51.3	52.7	15,349	14,109	990	910
Farm Services ⁵	91.6	91.1	13,178	12,558	850	810
Rent ⁶	41.9	44.7	12,093	10,698	780	690
Agricultural Chemicals ⁷	51.5	53.7	3,876	4,341	250	280
Fertilizer, Lime & Soil Conditioners ⁷	65.0	60.9	8,217	8,682	530	560
Interest	49.1	53.2	5,426	5,271	350	340
Taxes (Real Estate & Property) ¹⁵	96.3	100.0	4,031	4,961	260	320
Labor	34.7	33.3	6,357	6,357	410	410
Fuels	77.9	70.9	6,512	6,977	420	450
Farm Supplies & Repairs ⁸	76.1	73.5	7,597	6,822	490	440
Farm Improvements & Construction ^{9 10}	54.4	51.5	4,806	3,876	310	250
Tractors and Self-Propelled Farm Machinery	22.3	30.6	5,116	3,876	330	250
Other Farm Machinery	23.0	30.3	2,636	1,705	170	110
Seeds & Plants ¹¹	54.2	48.2	4,341	4,186	280	270
Trucks & Autos	26.5	30.2	3,411	2,481	220	160

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Nebraska, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	199,586	219,792	9,640	10,550
Livestock, Poultry & Related Expenses ⁴	34.1	35.3	34,783	42,500	1,680	2,040
Feed	53.9	57.1	28,986	26,875	1,400	1,290
Farm Services ⁵	97.7	97.4	19,048	22,292	920	1,070
Rent ⁶	55.7	64.8	24,845	24,583	1,200	1,180
Agricultural Chemicals ⁷	65.5	62.8	6,832	7,500	330	360
Fertilizer, Lime & Soil Conditioners ⁷	63.1	63.1	11,387	13,750	550	660
Interest	63.5	59.5	9,731	10,000	470	480
Taxes (Real Estate & Property) ¹⁵	100.0	100.0	7,453	9,792	360	470
Labor	47.1	42.7	9,110	10,417	440	500
Fuels	90.9	86.8	8,282	10,833	400	520
Farm Supplies & Repairs ⁸	92.7	88.4	9,317	11,250	450	540
Farm Improvements & Construction ^{9 10}	66.5	61.9	6,832	6,875	330	330
Tractors and Self-Propelled Farm Machinery	38.4	41.5	5,797	5,417	280	260
Other Farm Machinery	40.6	44.6	3,727	3,750	180	180
Seeds & Plants ¹¹	66.0	62.2	9,317	10,417	450	500
Trucks & Autos	41.4	44.0	3,727	3,125	180	150

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Texas, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	63,275	67,696	14,490	15,570
Livestock, Poultry & Related Expenses ⁴	29.1	26.6	9,563	10,826	2,190	2,490
Feed	78.2	74.9	11,179	9,609	2,560	2,210
Farm Services ⁵	97.1	93.9	7,904	9,217	1,810	2,120
Rent ⁶	27.6	31.8	3,362	4,087	770	940
Agricultural Chemicals ⁷	36.1	45.9	1,703	1,783	390	410
Fertilizer, Lime & Soil Conditioners ⁷	51.6	42.2	2,576	2,739	590	630
Interest	23.8	29.4	2,358	2,609	540	600
Taxes (Real Estate & Property) ¹⁵	98.8	100.0	2,227	2,478	510	570
Labor	35.5	37.8	4,498	4,957	1,030	1,140
Fuels	83.5	81.5	2,533	3,304	580	760
Farm Supplies & Repairs ⁸	81.4	81.0	2,969	3,261	680	750
Farm Improvements & Construction ^{9 10}	55.2	57.9	4,279	5,130	980	1,180
Tractors and Self-Propelled Farm Machinery	24.6	32.0	3,057	2,913	700	670
Other Farm Machinery	25.1	28.8	1,048	1,000	240	230
Seeds & Plants ¹¹	31.0	32.5	1,659	1,652	380	380
Trucks & Autos	24.7	28.3	2,183	1,957	500	450

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
All Other States, Plains Region 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	100,413	103,732	14,600	15,010
Livestock, Poultry & Related Expenses ⁴	27.9	33.7	12,380	13,683	1,800	1,980
Feed	66.9	67.4	7,909	7,395	1,150	1,070
Farm Services ⁵	97.3	95.9	11,967	12,163	1,740	1,760
Rent ⁶	41.3	47.3	9,766	9,606	1,420	1,390
Agricultural Chemicals ⁷	55.2	45.7	4,952	4,838	720	700
Fertilizer, Lime & Soil Conditioners ⁷	51.1	47.4	6,052	7,118	880	1,030
Interest	51.9	54.8	4,883	5,183	710	750
Taxes (Real Estate & Property) ¹⁵	99.8	99.8	3,783	4,077	550	590
Labor	37.3	31.3	4,127	4,838	600	700
Fuels	84.6	84.5	4,677	5,736	680	830
Farm Supplies & Repairs ⁸	81.7	80.7	6,602	6,012	960	870
Farm Improvements & Construction ^{9 10}	66.5	54.4	6,121	5,252	890	760
Tractors and Self-Propelled Farm Machinery	21.6	19.7	5,296	5,390	770	780
Other Farm Machinery	27.5	28.0	3,508	3,317	510	480
Seeds & Plants ¹¹	39.7	34.8	4,539	5,045	660	730
Trucks & Autos	25.1	24.7	3,508	3,732	510	540

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
West Region, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	167,159	188,428	48,660	54,550
Livestock, Poultry & Related Expenses ⁴	25.9	28.4	9,894	10,984	2,880	3,180
Feed	52.3	47.1	21,092	21,554	6,140	6,240
Farm Services ⁵	95.8	93.5	27,757	32,470	8,080	9,400
Rent ⁶	32.7	30.6	10,237	10,950	2,980	3,170
Agricultural Chemicals ⁷	46.6	47.0	6,115	7,323	1,780	2,120
Fertilizer, Lime & Soil Conditioners ⁷	44.0	44.3	6,458	7,945	1,880	2,300
Interest	41.8	36.1	6,939	7,807	2,020	2,260
Taxes (Real Estate & Property) ¹⁵	96.9	99.4	4,466	5,285	1,300	1,530
Labor	42.1	46.4	36,276	39,896	10,560	11,550
Fuels	80.2	76.8	5,531	7,530	1,610	2,180
Farm Supplies & Repairs ⁸	81.8	79.5	8,760	10,535	2,550	3,050
Farm Improvements & Construction ^{9 10}	57.5	49.8	9,206	8,877	2,680	2,570
Tractors and Self-Propelled Farm Machinery	19.6	24.2	4,054	4,663	1,180	1,350
Other Farm Machinery	22.9	25.7	1,649	1,727	480	500
Seeds & Plants ¹¹	34.7	31.3	5,599	6,805	1,630	1,970
Trucks & Autos	23.2	22.6	2,714	3,558	790	1,030

See footnotes on page 67.

**Farm Production Expenditures:
Total,
West Region, 2001-2005 ¹⁴**

Expenditure	2001	2002	2003	2004	2005
	<i>Million Dollars</i>				
Total Farm Production Expenditures ^{2 3}	48,345	48,990	48,380	48,660	54,550
Livestock, Poultry & Related Expenses ⁴	3,020	3,120	3,050	2,880	3,180
Feed	5,090	5,870	5,500	6,140	6,240
Farm Services ⁵	8,760	9,150	8,830	8,080	9,400
Rent ⁶	2,750	2,880	3,040	2,980	3,170
Agricultural Chemicals ⁷	1,810	1,720	1,770	1,780	2,120
Fertilizer, Lime & Soil Conditioners ⁷	1,820	1,750	1,750	1,880	2,300
Interest	2,790	2,560	2,200	2,020	2,260
Taxes (Real Estate & Property) ¹⁵	1,305	1,220	1,240	1,300	1,530
Labor	10,540	9,970	9,970	10,560	11,550
Fuels	1,380	1,300	1,370	1,610	2,180
Farm Supplies & Repairs ⁸	3,330	3,090	2,770	2,550	3,050
Farm Improvements & Construction ^{9 10}	1,940	2,250	2,830	2,680	2,570
Tractors and Self-Propelled Farm Machinery	980	1,020	1,020	1,180	1,350
Other Farm Machinery	480	450	430	480	500
Seeds & Plants ¹¹	1,570	1,710	1,720	1,630	1,970
Trucks & Autos	720	830	740	790	1,030

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
California, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	295,844	331,111	22,780	25,330
Livestock, Poultry & Related Expenses ⁴	12.6	20.7	6,883	7,320	530	560
Feed	35.0	28.1	36,104	36,601	2,780	2,800
Farm Services ⁵	97.8	95.8	53,506	63,268	4,120	4,840
Rent ⁶	24.3	18.9	16,753	17,778	1,290	1,360
Agricultural Chemicals ⁷	56.9	58.6	12,468	15,425	960	1,180
Fertilizer, Lime & Soil Conditioners ⁷	55.5	61.8	10,779	13,333	830	1,020
Interest	37.8	31.9	10,779	11,895	830	910
Taxes (Real Estate & Property) ¹⁵	96.1	100.0	7,662	9,020	590	690
Labor	56.3	60.7	85,714	91,765	6,600	7,020
Fuels	74.6	75.1	7,922	11,895	610	910
Farm Supplies & Repairs ⁸	78.4	79.0	14,156	17,255	1,090	1,320
Farm Improvements & Construction ^{9 10}	58.4	58.6	12,987	13,203	1,000	1,010
Tractors and Self-Propelled Farm Machinery	26.2	27.3	3,896	4,183	300	320
Other Farm Machinery	25.4	26.8	1,429	1,569	110	120
Seeds & Plants ¹¹	37.1	36.6	11,039	12,810	850	980
Trucks & Autos	25.1	28.3	2,987	2,876	230	220

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
Washington, 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	149,714	173,623	5,240	5,990
Livestock, Poultry & Related Expenses ⁴	18.3	23.5	4,286	4,928	150	170
Feed	40.7	50.2	12,571	13,333	440	460
Farm Services ⁵	93.2	92.5	26,857	33,333	940	1,150
Rent ⁶	33.7	25.7	9,714	10,725	340	370
Agricultural Chemicals ⁷	47.4	47.3	6,857	8,406	240	290
Fertilizer, Lime & Soil Conditioners ⁷	57.3	46.7	7,714	8,406	270	290
Interest	38.1	38.7	5,714	7,826	200	270
Taxes (Real Estate & Property) ¹⁵	99.8	99.8	4,857	5,797	170	200
Labor	49.7	40.2	32,286	35,942	1,130	1,240
Fuels	85.0	85.1	4,857	6,667	170	230
Farm Supplies & Repairs ⁸	87.9	79.4	8,000	10,435	280	360
Farm Improvements & Construction ^{9 10}	64.9	59.9	10,286	11,014	360	380
Tractors and Self-Propelled Farm Machinery	34.8	38.8	5,714	5,217	200	180
Other Farm Machinery	35.9	33.7	1,714	2,029	60	70
Seeds & Plants ¹¹	48.3	31.9	5,429	6,667	190	230
Trucks & Autos	38.8	28.7	2,286	2,029	80	70

See footnotes on page 67.

**Farm Production Expenditures:
Farms Reporting, Average per Farm, and Total,
All Other States, West Region 2004-05 ¹⁴**

Expenditure	Farms Reporting ¹²		Average per Farm ¹³		Total Expenditures	
	2004	2005	2004	2005	2004	2005
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures ^{2 3}	100.0	100.0	115,243	130,140	20,640	23,230
Livestock, Poultry & Related Expenses ⁴	33.1	32.6	12,284	13,725	2,200	2,450
Feed	62.0	54.7	16,304	16,695	2,920	2,980
Farm Services ⁵	95.4	92.8	16,862	19,104	3,020	3,410
Rent ⁶	36.1	36.6	7,538	8,067	1,350	1,440
Agricultural Chemicals ⁷	42.0	41.9	3,238	3,641	580	650
Fertilizer, Lime & Soil Conditioners ⁷	36.5	36.4	4,355	5,546	780	990
Interest	44.3	37.4	5,528	6,050	990	1,080
Taxes (Real Estate & Property) ¹⁵	96.7	99.1	3,015	3,585	540	640
Labor	34.5	41.4	15,801	18,431	2,830	3,290
Fuels	81.7	76.0	4,634	5,826	830	1,040
Farm Supplies & Repairs ⁸	82.1	79.7	6,588	7,675	1,180	1,370
Farm Improvements & Construction ^{9 10}	55.6	44.2	7,370	6,611	1,320	1,180
Tractors and Self-Propelled Farm Machinery	13.8	20.0	3,797	4,762	680	850
Other Farm Machinery	19.3	23.7	1,731	1,737	310	310
Seeds & Plants ¹¹	31.1	28.9	3,294	4,258	590	760
Trucks & Autos	19.4	19.0	2,680	4,146	480	740

See footnotes on page 67.

**Fuels Production Expenditures:
Sub-Components, Total and Percent of Total,
United States, 2004-05**

Expenditure	2004		2005	
	<i>Million Dollars</i>	<i>Percent</i>	<i>Million Dollars</i>	<i>Percent</i>
Total Fuels Expenditures	8,000	3.8	10,100	4.5
Diesel	4,390	54.9	5,840	57.8
Gas	1,910	23.9	2,300	22.8
LP Gas	1,130	14.1	1,270	12.6
Other Fuels ¹	570	7.1	690	6.8

¹ Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:
Sub-Components and Total,
By Type of Farms, United States, 2004-05**

Expenditure	Crop Farms		Livestock Farms	
	2004	2005	2004	2005
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Fuels Expenditures	4,730	6,140	3,270	3,960
Diesel	2,710	3,825	1,680	2,015
Gas	995	1,195	915	1,105
LP Gas	620	575	510	695
Other Fuels ¹	405	545	165	145

¹ Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:
Sub-Components and Total,
By Economic Class of Farm, United States, 2004-05**

Expenditure	\$1,000,000 and over		\$500,000 - \$999,999		\$250,000 - \$499,999		\$100,000 - \$249,999	
	2004	2005	2004	2005	2004	2005	2004	2005
	<i>Million Dollars</i>							
Total Fuels Expenditures	2,060	2,770	1,130	1,400	1,360	1,700	1,380	1,650
Diesel	1,090	1,505	580	800	800	1,045	770	1,000
Gas	350	440	235	285	270	330	340	405
LP Gas	315	390	245	250	210	250	210	190
Other Fuels ¹	305	435	70	65	80	75	60	55

¹ Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:
Sub-Components and Total,
By Economic Class of Farm, United States, 2004-05 (continued)**

Expenditure	\$50,000 - \$99,999		\$10,000 - \$49,999		Less Than \$10,000	
	2004	2005	2004	2005	2004	2005
	<i>Million Dollars</i>					
Total Fuels Expenditures	780	970	690	840	600	770
Diesel	500	620	365	470	285	400
Gas	190	240	260	290	265	310
LP Gas	70	90	45	60	35	40
Other Fuels ¹	20	20	20	20	15	20

¹ Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:
Sub-Components and Total,
By Farm Production Region, United States, 2004-05 ¹⁴**

Expenditure	Atlantic		South		Midwest	
	2004	2005	2004	2005	2004	2005
	<i>Million Dollars</i>					
Total Fuels Expenditures	1,170	1,330	980	1,250	2,160	2,780
Diesel	585	690	510	730	1,155	1,550
Gas	310	315	205	260	420	570
LP Gas	185	225	215	220	435	495
Other Fuels ¹	90	100	50	40	150	165

¹ Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:
Sub-Components and Total,
By Farm Production Region, United States, 2004-05 ¹⁴ (continued)**

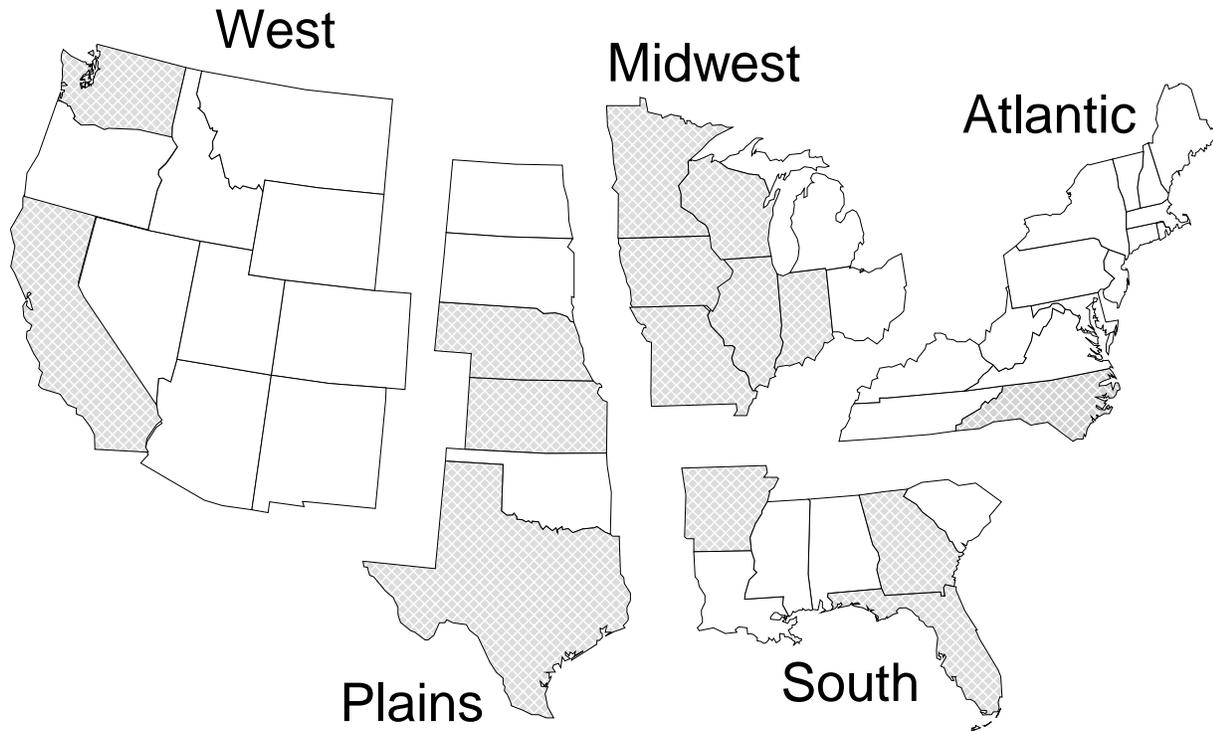
Expenditure	Plains		West	
	2004	2005	2004	2005
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Fuels Expenditures	2,080	2,560	1,610	2,180
Diesel	1,200	1,545	940	1,325
Gas	540	615	435	540
LP Gas	175	185	120	145
Other Fuels ¹	165	215	115	170

¹ Includes natural gas, coal, fuel oil, kerosene, wood, etc.

Footnotes

- 1 Excludes AK and HI.
- 2 Total includes miscellaneous production expenses not allocated to any of the 16 expense categories published. Therefore, the sum of individual expenditure items will not add to totals.
- 3 Includes landlord and contractor share of farm production expenses.
- 4 Includes purchases and leasing of livestock and poultry.
- 5 Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities.
- 6 Includes public and private grazing fees.
- 7 Includes material and application costs.
- 8 Includes bedding and litter, marketing containers, power farm shop equipment, miscellaneous non-capital equipment and supplies, repairs and maintenance of livestock and poultry equipment, and capital equipment for livestock and poultry.
- 9 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.
- 10 Changed in 2003 to include operator dwelling expenses (if dwelling is owned by operation).
- 11 Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.
- 12 Number of farms reporting item divided by total number of farms.
- 13 Total expenditures divided by total number of farms.
- 14 Regions consist of the following States:
Note: The 15 Leading Cash Receipts States are bolded faced type. Data for the remaining States are combined to form the Other States total for each region.
- Atlantic (CT, DE, KY, ME, MD, MA, NH, NJ, NY, **NC**, PA, RI, TN, VA)
 - South (AL, **AR**, **FL**, **GA**, LA, MS, SC)
 - Midwest (**IL**, **IN**, **IA**, MI, MN, **MO**, OH, **WI**)
 - Plains (**KS**, **NE**, ND, OK, SD, **TX**)
 - West (AZ, **CA**, CO, ID, MT, NV, NM, OR, UT, **WA**, WY)
- 15 Landlord taxes were imputed at a higher rate starting in 2005. See history page 69 for details.

Farm Production Expenditure Regions



Atlantic (CT, DE, KY, ME ,MD, MA, NH, NJ, NY, **NC**, PA, RI, TN, VA, VT, WV)

South (AL, **AR**, **FL**, **GA**, LA, MS, SC)

Midwest (IL, IN, IA, MI, MN, **MO**, OH, WI)

Plains (**KS**, **NE**, ND, OK, SD, TX)

West (AZ, **CA**, CO, ID, MT, NV, NM, OR, UT, **WA**, WY)

**15 Leading
Cash Receipts
States**

(AR, CA, FL, GA, IL, IN, IA, KS, MN, MO, NE, NC, TX, WA, WI)

Program History, Procedures, and Reliability

Program History: The National Agricultural Statistics Service (NASS) has conducted periodic surveys of farm production expenditures since 1956, 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. The initiative to combine these surveys came from a growing need for more data to perform detailed examination of the relationship between various production practices (such as chemical and tillage use) and farm financial conditions. Combining the CPS and FCRS surveys resulted in improved efficiency of data collection.

NASS initiated an estimation program in calendar year 1993 for Farm Production Expenditures. Farm Production Expenditure publications for prior years included only survey indications for expenditures at the U.S., regional, size, and type of farm levels. Currently estimates are published for major groupings of farm production expenses for the U.S., five (5) Farm Production Regions, seven (7) U.S. Economic Sales Classes, two (2) farm types, and the 15 Leading Cash Receipts States.

In 1993, due to increased demand for quality production input data, NASS and 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 preliminary data. Formal release of expense data occurs in coordination with release of related ERS statistics such as net farm income.

One of the primary uses of farm production expenditure data is for weighting in the construction 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 the category Building and Fencing was 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 U.S. level to provide a more useful series for data users.

The general uses and users of ARMS III data (this phase collects financial and demographic data) 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. NASS uses the data to update parity prices along with other uses. In addition, Congress, USDA, researchers, 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.

In 2002, the definitions of the U.S. Economic Sales Classes were updated to be consistent with other NASS economic publications and to provide a more in-depth look at expenditures estimates by gross value of sales. The 2001 expenditure estimates were updated to provide a historical reference for the new classes using the new economic classes. The five (5) U.S. Economic Sales Classes used in previous

years were as follows: \$250,000 and over, \$100,000-\$249,999, \$40,000-\$99,999, \$10,000-\$39,999, and Less Than \$10,000. The new seven (7) U.S. Economic Classes are as follows: \$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, and Less than \$10,000.

In 2003, NASS and ERS appropriation of 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 a 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 prepared for the publication of state level estimates by NASS the following year. The NASS funding allowed restoration of the ARMS 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 were published for the first time in 2003. Significant variations in energy prices over the last few years have made energy usage an important issue.

In 2004, the farm production regions were reduced from ten (10) to five (5) regions. This change was made to allow NASS to publish state level expenditure estimates without disclosing data for unpublished states. The map, on page 68, shows the new distribution of regions and states.

The first expenditure estimates were published for the 15 Leading Cash Receipts States in 2004. The publication of this additional data coincides with a significant increase in the survey sample size in each of these States during the 2003 calendar year. These states were chosen because of their importance to cash receipts, and their significance to total farm production expenditures. (See the map on page 68.)

In 2005, a change was made to the survey edit that forced Landlord Real Estate Taxes to be carefully examined by editors. Research indicated this change was needed to improve data quality in the area of taxes. As a result, about 3500 more Landlord Real Estate Tax questionnaire cells were imputed. The effect of the change accounts for some of the increase between 2004 and 2005 in the Taxes estimate. Also in 2005, the effective fuel sub-components sample was increased by adding the sub-component questions to two (2) more questionnaire versions (version 4 and 5).

Survey Procedures: A sample survey of approximately 34,200 farms and ranches was contacted January through April of 2006 in all states except Alaska and Hawaii. ARMS III covers the population of farms in the 48 contiguous states 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 such as orchards, nurseries, and those producing fish in captivity.

ARMS III is a multiple frame survey which utilizes a list frame and a complementary area frame. 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 be certain that an operation is only included in the data expansions once. These multiple frame expansions are unbiased and provide more precise expansions than could be obtained by using the area frame alone.

Special training occurred prior to the ARMS data collection period to ensure consistent and proper execution of survey procedures in farm determination, data collection, and editing of detailed expense and income data.

Data was 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 are unable or unwilling to report data for any item on the questionnaire, the field enumerators or survey statisticians can impute a value. For income, related debt/asset data, and a few expense items an algorithm imputed for any missing values based on similar size and type of operations after all records have cleared the edit. For other expense items where no data are reported, cells were edited if appropriate by the survey statistician to a positive value based on other reported values from similar operations.

Since 1992, the Direct Expansion (DE) summary has been adjusted based on the amount of under coverage of total number of farms. In 2003, a new methodology was introduced which used an increased number of target commodities. They include: 1) Harvested acreage for corn for grain, wheat for grain (all types), soybeans, cotton, and potatoes, 2) Harvested acreage for principal vegetables for fresh market and processing, 3) Bearing acreage for citrus fruits, 4) Bearing acreage for non-citrus fruits and nuts, 5) Broiler and turkey inventories and the number of eggs produced, 6) Cattle and hogs and pigs inventory, 7) Milk production, and 8) total number of farms by U.S. Economic Sales Class. The sources for the targets are official USDA estimates.

In 2004, analysis tools improvements made it possible to set the large number of estimates now required for this publication. Then in 2005, Executive Summaries were sent to all states electronically. This presented the opportunity to provide more administrative and sample response data to the Field Offices as they completed their review.

Data Comparability: This publication includes estimates for 2004 and 2005 Farm Production Expenditures for the U.S., five (5) Farm Production Expenditure Regions, seven (7) Economic Sales Classes, Type of Farm, and the 15 Leading Cash Receipts States. Historic U.S. Total Expenditures and expense items are provided from 2001 forward to provide data users a comparable data series.

Some of the expenditure estimates published in this report will differ from production expense estimates published in the ERS "Farm Business Economics Report". As the agency responsible for estimates of farm income, ERS treats agriculture as a sector in the U.S. economy while the NASS is interested in annual production expenditures as a cash outlay to farming operations. In most cases, items that would be considered cash farm operating expenditures are estimated the same way by both NASS and ERS. This would include production inputs such as feed, seed, fertilizer, and chemicals.

A major difference in accounting between NASS and ERS occurs in the reporting capital expenditures. NASS considers capital expenditures such as purchases of vehicles and construction of buildings as a cash outlay for the farming operation during the production year while ERS treats these expenditures as depreciable assets to the farm sector.

Additionally, a difference in methodology exists for Livestock and Poultry Expenditures. NASS accounts for all livestock and poultry sales (which includes interfarm transfers) and livestock leasing in this expense. ERS only accounts for final sales and intrafarm sales of meat animals across state lines to match cash receipts methodology. ERS also calculates poultry expenses separately using price and quantity factors, and puts miscellaneous livestock and livestock leasing in Miscellaneous Expenses.

Data Reliability: Two types of errors, sampling and non-sampling, are possible in an estimate based on a sample survey. Both types affect the "precision" of the estimates. Sampling error occurs because a complete census is not taken. The sampling error measures the variation in estimates from the average of all possible samples. An estimate of 100 with a sampling error of one (1) would mean that chances are 19 out of 20 that the estimates from all possible samples averaged together would be between 98 and 102, which is the survey estimate plus or minus two (2) times the sampling error. Relative sampling error is expressed as a percent of the estimate. Sampling errors are published for selected items and are expressed as a percent of the estimate. The percentages are referred to as Coefficients of Variation (CV). The ARMS III CV is about 2 percent at the U.S. level for Total Expenditures and is about 5 percent for major expenditure items.

The relative sampling errors for major expense items at the U.S. level typically range from 2.1 to 16.1 percent. For 2004 Total Expenditures, the relative sampling errors for the DE indications were as follows for the different groupings estimated: 1.9 percent at the U.S. level, from 3.2 to 4.9 percent at the Regional level, from 3.6 to 6.9 percent at the U.S. Economic Sales Class level, 2.8 percent for Crop Farms, 3.1 percent for Livestock Farms, and from 5.1 to 15.4 percent for the 15 Leading Cash Receipt States. For 2005 Total Expenditures, the relative sampling errors for the DE indications were as follows for the different groupings estimated: 3.3 percent at the U.S. level, from 3.4 to 11.0 percent at the Regional level, from 2.2 to 8.0 percent at the U.S. Economic Sales Class level, 5.8 percent for Crop Farms, 4.0 percent for Livestock Farms, and from 3.7 to 17.2 percent for the 15 Leading Cash Receipt States.

For 2004 Total Expenditures, the relative sampling errors for the calibrated expansion were: 2.3 percent at the U.S. level, from 2.4 to 8.6 percent at the Regional level, from 2.9 to 11.9 percent at the U.S. Economic Sales Class level, 3.5 percent for Crop Farms, 4.7 percent for Livestock Farms, and from 3.1 to 9.6 percent for the 15 Leading Cash Receipt States. For 2005 Total Expenditures: 3.4 percent at the U.S. level, from 2.9 to 12.4 percent at the Regional level, from 2.3 to 8.4 percent at the U.S. Economic Sales Class level, 2.1 percent for Crop Farms, 7.5 percent for Livestock Farms, and from 1.9 to 16.8 percent for the 15 Leading Cash Receipt States.

Data from sample surveys are also influenced by non-sampling errors which are not always measurable or known. Non-sampling errors may be introduced by enumerators, respondents, questionnaire design, or field and office procedures. This might occur for example, when respondents record the wrong unit for a marketing contract (cotton bushels not cotton bales). Efforts are made to minimize these errors and maintain survey accuracy through proper training of all individuals involved with the survey, detailed review and verification of data, and analysis of data for comparability and consistency.

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