



United States  
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Agriculture

National  
Agricultural  
Statistics  
Service



Sp Sy 5 (05)

# Farm Production Expenditures 2004 Summary

## July 2005

# USDA





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## Farm Production Expenditures up 5.1 Percent in 2004

U.S. farm production expenditures totaled \$210.7 billion in 2004, up 5.1 percent from the revised 2003 total of \$200.5 billion. The largest contributors to the increase were tractors and self-propelled farm machinery up 24.3 percent; fuels, up 19.4 percent; fertilizer, up 14.0 percent; feed, up 9.1% and labor up, 5.5 percent. Farm services and interest were the only expenditure categories to show a decrease being down 2.2 and 4.3 percent, respectively. The rent expenditure was unchanged from the previous year. The largest two expenditure categories were feed, which accounted for 14.2 percent of the U.S. total production expenses and farm services which accounted for 12.5 percent of the U.S. total production expenses. The farm services category includes expense items such as custom work, utilities, marketing charges, veterinary services, transportation costs, and miscellaneous business expenses.

The average expenditures per U.S. farm in 2004 were \$99,983 compared to \$94,542 as revised for 2003. On the average, U.S. farm operations in 2004 spent \$14,236 on feed; \$12,480 on farm services; \$10,914 on labor; \$9,016 on livestock and poultry purchases; and \$7,782 on rent. Revised estimates for 2003 indicated U.S. farms spent an average of \$12,967 on feed; \$12,684 on farm services; \$10,279 on labor; \$8,723 on livestock and poultry purchases; and \$7,733 on rent.

Farm Production Regions (as defined on page 67) were changed from 10 to 5 regions this calendar year. This change improves the overall quality of regional estimates and allows NASS to publish state level expenditure estimates without disclosing data for unpublished states. These new regions were formed by combining 2 of the previous Farm Production Regions. The new 5 Farm Production Regions are as follows: Atlantic; South; Midwest; Plains, and West. A map of the new regions can be found on page 68. Five years of estimates for the new Farm Production Regions were included within this publication to provide historical reference (for more detailed information on the new Farm Production Regions see the Program History on page 70).

Expenditures by Farm Production Region in 2004 reveal that total expenditures were up in each region except the West. Expenditures also reveal that taxes, labor, fuels, and tractors and self-propelled farm machinery expenditure categories showed increases in each region, while the other expenditure categories show more variation across regions. The Farm Production Region contributing most to the total 2004 U.S. farm production expenditures was the Midwest, with expenses of \$59.9 billion, 28.4 percent of the U.S. total. Expenditures in the Midwest were up 6.8 percent from the 2003 level of \$56.1 billion. In total expenditures, the Midwest was followed by the West, at \$47.7 billion (2003 - \$48.4 billion); Plains, at \$47.5 billion (2003 - \$43.5 billion); Atlantic, at \$32.1 billion (2003 - \$29.6 billion); and South, at \$23.6 billion (2003 - \$23.0 billion).

## Farm Production Expenditures up 5.1 Percent in 2004 (cont.)

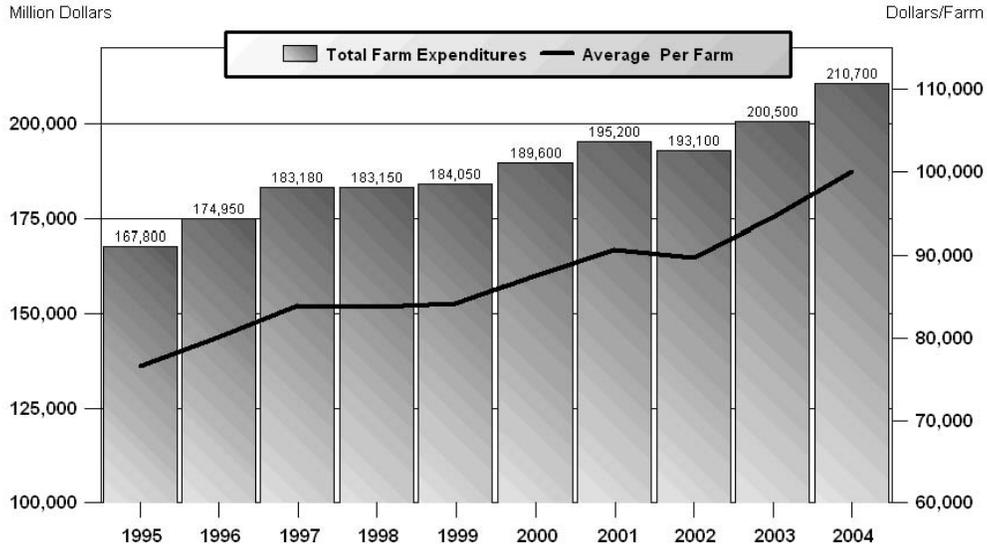
State level expenditure estimates are being published for the first time in the 15 Leading Cash Receipts States for agricultural sales. The publication of these estimates coincide with the dramatic increase in sample for the Agricultural Resource Management Survey (ARMS) for each of these states starting in 2003. ARMS is the source of indications used to set farm production expenditure estimates. The 15 Leading Cash Receipts States are Arkansas, California, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Carolina, Texas, Washington, and Wisconsin. A map of the estimation states can be found on page 68. Also, detailed information about the 15 Leading Cash Receipts States can be found in the Program History on page 70. These states were chosen not only because of their importance to cash receipts, but also because of their significance to total farm production expenditures.

Collectively, total expenditures for these states totaled \$132.0 billion and \$125.8 billion in 2004 and 2003, respectively. This is 62.7 percent and 62.8 percent of the total U.S. farm production expenditures, respectively. The state contributing most to the total 2004 U.S. farm production expenditures was California, with expenses of \$22.5 billion, 10.7 percent of the U.S. total. Expenditures in California were down 1.2 percent from the 2003 level of \$22.7 billion. In total expenditures, California was followed by Texas, at \$14.6 billion (2003 - \$13.9 billion); Iowa, at \$13.0 billion (2003 - \$12.1 billion); Minnesota, at \$10.1 billion (2003 - \$9.3 billion); and Nebraska, at \$9.9 billion (2003 - \$9.2 billion). A closer look at the state level estimates reveal that California, was the only State to show a decrease in total expenditures from 2003 to 2004. Expenditures also reveal that fertilizer, fuels, tractors and self-propelled machinery expenditure categories were up in each state, while the other expenditure categories showed more variation across states.

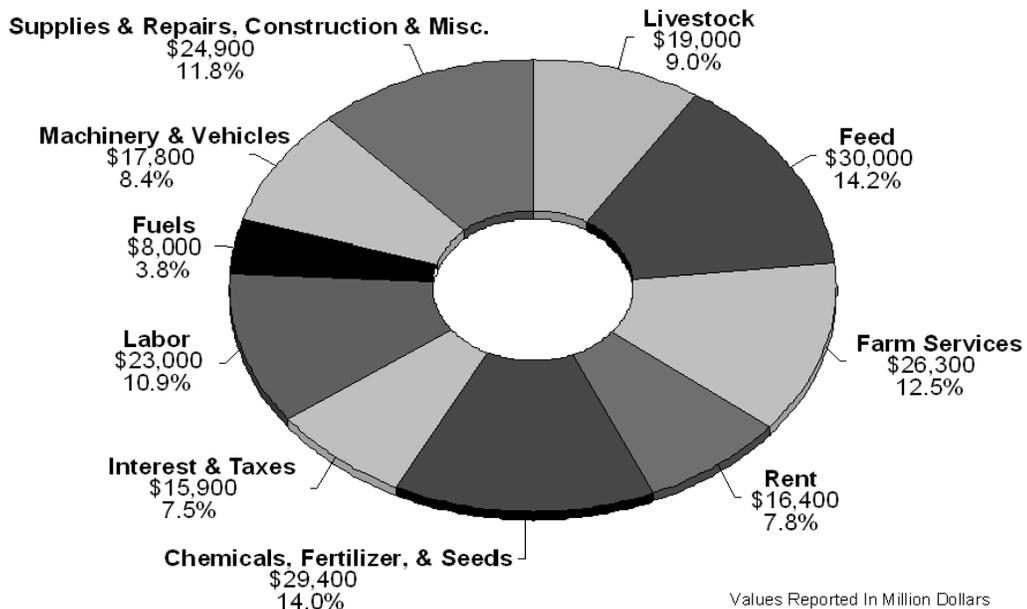
The U.S. Economic Class (as defined on page 69) contributing most to the 2004 U.S. farm production expenditures was the \$1,000,000 and Over class, with expenses of \$73.2 billion, 34.7 percent of the U.S. total. Expenditures in the \$1,000,000 and Over class were up 11.1 percent from the 2003 level of \$65.9 billion. In total expenditures, the \$1,000,000 and Over class was followed by the \$250,000 - \$499,999 class, at \$31.3 billion (2003 - \$30.1 billion); and \$500,000 - \$999,999 class, at \$29.7 billion (2003 - \$29.4 billion).

Expenditure estimates by Type of Farm reveal that Crop Farms, with expenses of \$105.8 billion, contributed 50.2 percent of the 2004 U.S. farm production expenditures. Expenditures for Crop Farms were up 2.8 percent from the revised 2003 level of \$103.0 billion. Livestock Farm expenses of \$104.9 billion were up 7.5 percent from the revised 2003 level of \$97.6 billion.

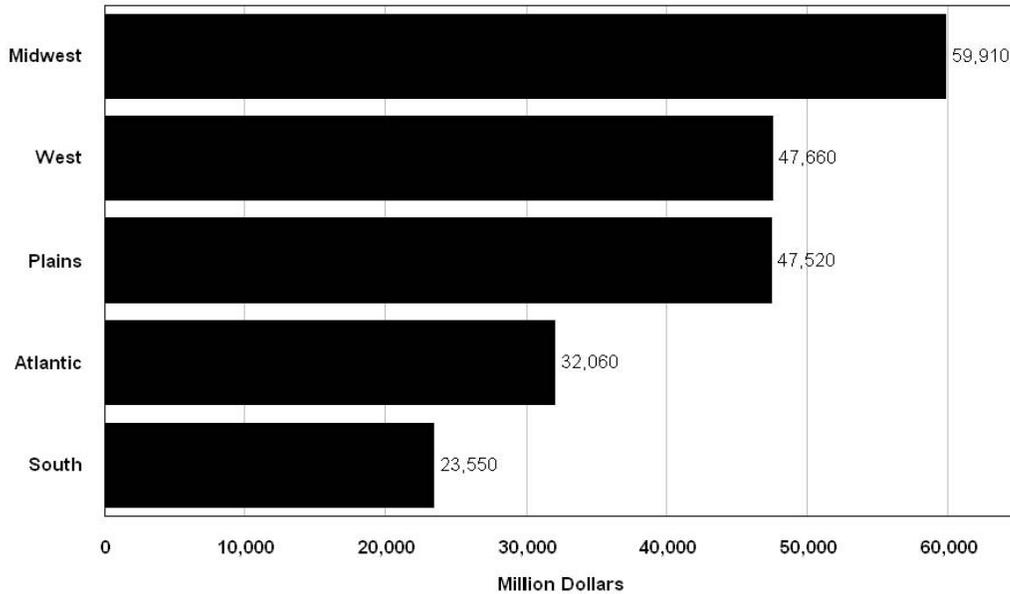
## U.S. Farm Production Expenditures Total and Average Per Farm, 1995 - 2004



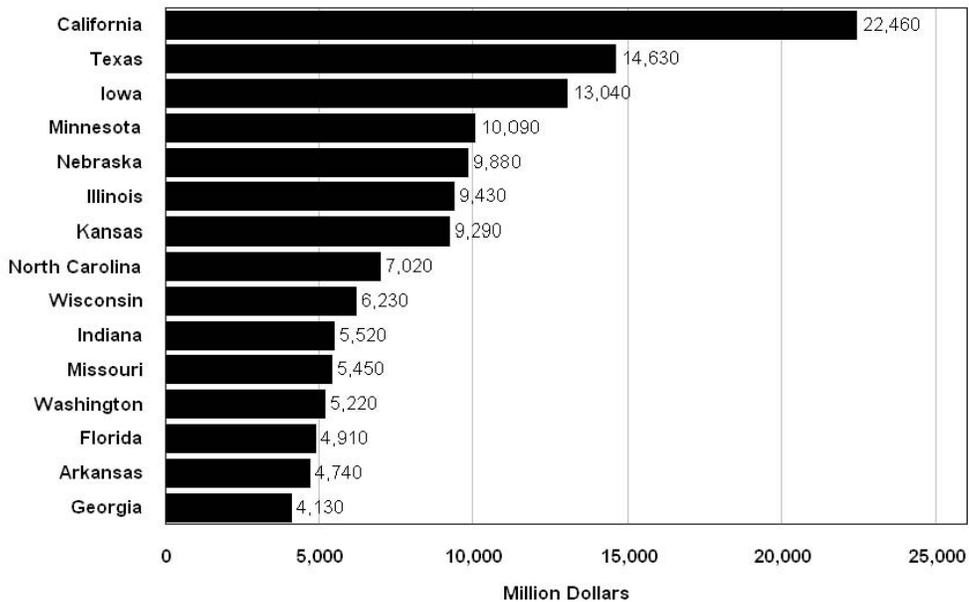
## U.S. Farm Production Expenditures By Major Input Items, Percent of Total United States, 2004



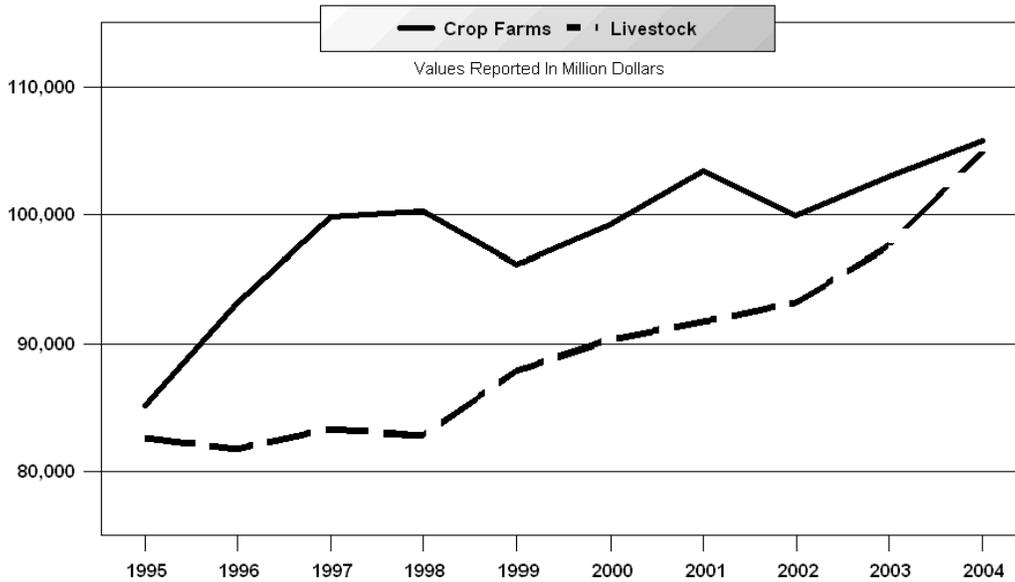
## U.S. Farm Production Expenditures By Farm Production Regions, 2004



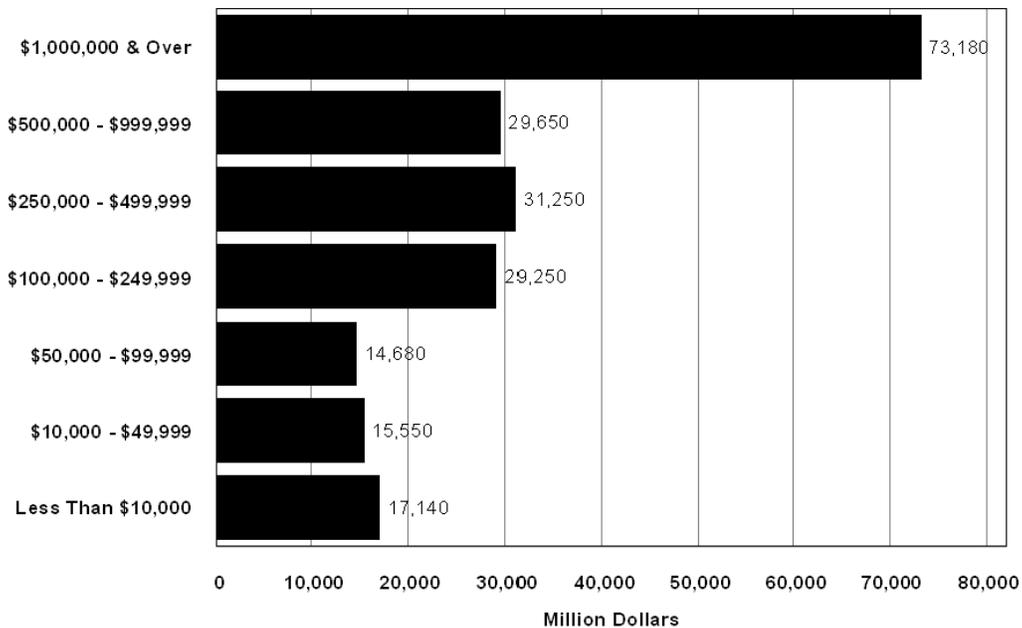
## U.S. Farm Production Expenditures By Leading Cash Receipts State, 2004



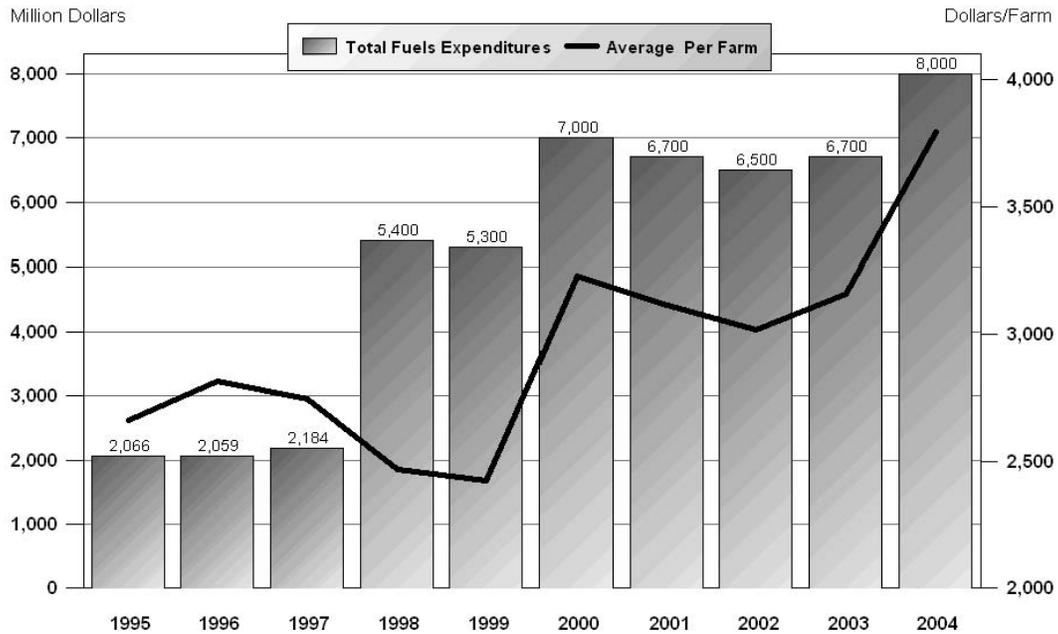
## U.S. Farm Production Expenditures By Type of Farm, 2004



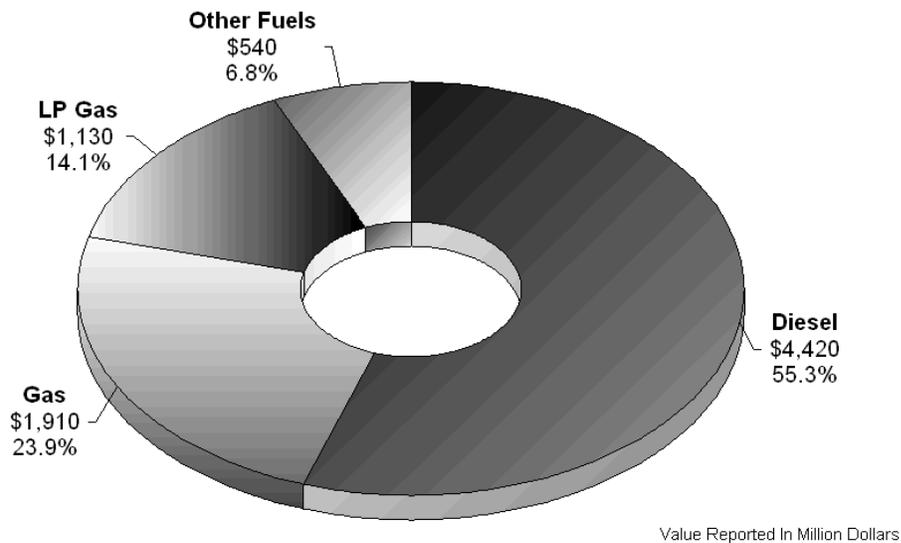
## U.S. Farm Production Expenditures Economic Class Gross Value of Sales, 2004



## U.S. Fuels Production Expenditures Total and Average Per Farm, 1995 - 2004



## U.S. Fuel Production Expenditures By Sub-Components, Percent of Total United States, 2004



**Farm Production Expenditures:  
Major Input Items, Total and Percent of Total,  
United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	2003		2004	
	<i>Million Dollars</i>	<i>Percent</i>	<i>Million Dollars</i>	<i>Percent</i>
Total Farm Production Expenditures <sup>2 3</sup>	200,500	100.0	210,700	100.0
Livestock, Poultry & Related Expenses <sup>4</sup>	18,500	9.2	19,000	9.0
Feed	27,500	13.7	30,000	14.2
Farm Services <sup>5</sup>	26,900	13.4	26,300	12.5
Rent <sup>6</sup>	16,400	8.2	16,400	7.8
Agricultural Chemicals <sup>7</sup>	8,400	4.2	8,500	4.0
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	10,000	5.0	11,400	5.4
Interest	9,300	4.6	8,900	4.2
Taxes (Real Estate & Property)	6,800	3.4	7,000	3.3
Labor	21,800	10.9	23,000	10.9
Fuels	6,700	3.3	8,000	3.8
Farm Supplies & Repairs <sup>8</sup>	11,000	5.5	11,600	5.5
Farm Improvements & Construction <sup>9 10</sup>	11,800	5.9	12,600	6.0
Tractors and Self-Propelled Farm Machinery	7,000	3.5	8,700	4.1
Other Farm Machinery	3,900	1.9	4,300	2.0
Seeds & Plants <sup>11</sup>	9,400	4.7	9,500	4.5
Trucks & Autos	4,500	2.2	4,800	2.3

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	94,542	99,983	200,500	210,700
Livestock, Poultry & Related Expenses <sup>4</sup>	30.6	25.7	8,723	9,016	18,500	19,000
Feed	65.1	62.2	12,967	14,236	27,500	30,000
Farm Services <sup>5</sup>	95.4	95.7	12,684	12,480	26,900	26,300
Rent <sup>6</sup>	30.7	31.5	7,733	7,782	16,400	16,400
Agricultural Chemicals <sup>7</sup>	48.4	48.8	3,961	4,034	8,400	8,500
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	58.3	57.8	4,715	5,410	10,000	11,400
Interest	42.2	39.7	4,385	4,223	9,300	8,900
Taxes (Real Estate & Property)	98.8	98.8	3,206	3,322	6,800	7,000
Labor	34.5	34.6	10,279	10,914	21,800	23,000
Fuels	84.5	85.6	3,159	3,796	6,700	8,000
Farm Supplies & Repairs <sup>8</sup>	84.6	84.8	5,187	5,505	11,000	11,600
Farm Improvements & Construction <sup>9 10</sup>	57.2	59.5	5,564	5,979	11,800	12,600
Tractors and Self-Propelled Farm Machinery	22.4	23.3	3,301	4,128	7,000	8,700
Other Farm Machinery	27.6	28.2	1,839	2,040	3,900	4,300
Seeds & Plants <sup>11</sup>	45.7	45.7	4,432	4,508	9,400	9,500
Trucks & Autos	24.4	24.2	2,122	2,278	4,500	4,800

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Crop Farms, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	120,748	117,883	102,950	105,790
Livestock, Poultry & Related Expenses <sup>4</sup>	14.5	10.9	2,170	2,229	1,850	2,000
Feed	27.6	24.2	1,935	2,061	1,650	1,850
Farm Services <sup>5</sup>	92.0	92.5	17,429	15,857	14,860	14,230
Rent <sup>6</sup>	35.2	34.7	15,541	14,040	13,250	12,600
Agricultural Chemicals <sup>7</sup>	61.7	60.5	8,562	8,179	7,300	7,340
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	68.5	66.3	9,195	9,917	7,840	8,900
Interest	44.8	41.7	5,536	4,925	4,720	4,420
Taxes (Real Estate & Property)	98.8	98.8	4,281	4,357	3,650	3,910
Labor	37.1	37.4	17,945	17,829	15,300	16,000
Fuels	81.2	82.6	4,656	5,271	3,970	4,730
Farm Supplies & Repairs <sup>8</sup>	81.4	81.4	7,495	7,187	6,390	6,450
Farm Improvements & Construction <sup>9 10</sup>	52.5	53.9	6,322	6,017	5,390	5,400
Tractors and Self-Propelled Farm Machinery	24.6	24.5	4,516	5,572	3,850	5,000
Other Farm Machinery	30.4	29.8	2,440	2,463	2,080	2,210
Seeds & Plants <sup>11</sup>	64.5	62.4	9,711	9,137	8,280	8,200
Trucks & Autos	27.5	23.4	2,522	2,340	2,150	2,100

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Livestock Farms, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	76,923	86,707	97,550	104,910
Livestock, Poultry & Related Expenses <sup>4</sup>	41.5	36.7	13,129	14,050	16,650	17,000
Feed	90.3	90.4	20,384	23,266	25,850	28,150
Farm Services <sup>5</sup>	97.6	98.0	9,494	9,976	12,040	12,070
Rent <sup>6</sup>	27.6	29.2	2,484	3,141	3,150	3,800
Agricultural Chemicals <sup>7</sup>	39.5	40.1	867	959	1,100	1,160
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	51.5	51.6	1,703	2,066	2,160	2,500
Interest	40.5	38.2	3,612	3,703	4,580	4,480
Taxes (Real Estate & Property)	98.8	98.7	2,484	2,554	3,150	3,090
Labor	32.7	32.6	5,126	5,785	6,500	7,000
Fuels	86.7	87.8	2,153	2,703	2,730	3,270
Farm Supplies & Repairs <sup>8</sup>	86.7	87.3	3,635	4,256	4,610	5,150
Farm Improvements & Construction <sup>9 10</sup>	60.3	63.8	5,055	5,951	6,410	7,200
Tractors and Self-Propelled Farm Machinery	20.9	22.4	2,484	3,058	3,150	3,700
Other Farm Machinery	25.8	27.0	1,435	1,727	1,820	2,090
Seeds & Plants <sup>11</sup>	33.1	33.2	883	1,074	1,120	1,300
Trucks & Autos	22.3	24.9	1,853	2,232	2,350	2,700

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Economic Class Gross Sales \$1,000,000 and Over, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	2,304,652	2,264,233	65,890	73,180
Livestock, Poultry & Related Expenses <sup>4</sup>	57.9	53.4	335,782	326,114	9,600	10,540
Feed	65.3	70.5	510,668	534,653	14,600	17,280
Farm Services <sup>5</sup>	101.2	106.4	290,311	242,265	8,300	7,830
Rent <sup>6</sup>	66.9	73.1	125,568	120,978	3,590	3,910
Agricultural Chemicals <sup>7</sup>	82.9	89.2	77,999	73,329	2,230	2,370
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	72.6	82.2	65,058	81,064	1,860	2,620
Interest	81.9	90.5	60,860	63,428	1,740	2,050
Taxes (Real Estate & Property)	98.4	104.1	27,632	27,537	790	890
Labor	94.4	98.9	405,736	379,641	11,600	12,270
Fuels	98.8	105.1	52,466	62,809	1,500	2,030
Farm Supplies & Repairs <sup>8</sup>	99.3	106.0	98,286	97,463	2,810	3,150
Farm Improvements & Construction <sup>9 10</sup>	85.2	92.8	71,703	70,545	2,050	2,280
Tractors and Self-Propelled Farm Machinery	51.8	53.8	37,076	43,936	1,060	1,420
Other Farm Machinery	47.9	55.6	20,986	23,515	600	760
Seeds & Plants <sup>11</sup>	71.6	82.0	97,936	91,584	2,800	2,960
Trucks & Autos	54.8	54.0	18,188	17,636	520	570

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Economic Class Gross Sales \$500,000 - \$999,999, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	659,928	670,056	29,380	29,650
Livestock, Poultry & Related Expenses <sup>4</sup>	48.4	41.1	59,973	53,107	2,670	2,350
Feed	58.1	54.5	91,420	94,011	4,070	4,160
Farm Services <sup>5</sup>	101.1	101.3	87,376	88,588	3,890	3,920
Rent <sup>6</sup>	74.8	75.4	73,226	72,316	3,260	3,200
Agricultural Chemicals <sup>7</sup>	87.3	86.8	35,040	36,158	1,560	1,600
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	81.2	82.6	37,511	42,034	1,670	1,860
Interest	84.1	84.6	26,280	24,407	1,170	1,080
Taxes (Real Estate & Property)	99.3	98.9	14,600	14,915	650	660
Labor	88.5	88.2	72,327	79,096	3,220	3,500
Fuels	99.4	98.6	23,136	26,215	1,030	1,160
Farm Supplies & Repairs <sup>8</sup>	100.3	100.5	33,693	31,186	1,500	1,380
Farm Improvements & Construction <sup>9 10</sup>	82.3	82.6	24,259	26,215	1,080	1,160
Tractors and Self-Propelled Farm Machinery	49.9	51.5	22,013	25,989	980	1,150
Other Farm Machinery	51.6	52.3	11,231	11,525	500	510
Seeds & Plants <sup>11</sup>	79.4	80.2	37,736	33,672	1,680	1,490
Trucks & Autos	46.8	47.4	8,311	9,266	370	410

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Economic Class Gross Sales \$250,000 - \$499,999, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	347,836	351,360	30,060	31,250
Livestock, Poultry & Related Expenses <sup>4</sup>	43.5	35.5	23,721	23,949	2,050	2,130
Feed	56.7	55.3	31,243	31,032	2,700	2,760
Farm Services <sup>5</sup>	101.3	100.2	45,707	43,737	3,950	3,890
Rent <sup>6</sup>	77.9	79.7	46,286	43,625	4,000	3,880
Agricultural Chemicals <sup>7</sup>	89.3	89.4	20,481	20,351	1,770	1,810
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	87.0	89.6	25,226	26,422	2,180	2,350
Interest	81.6	80.8	16,779	14,841	1,450	1,320
Taxes (Real Estate & Property)	99.9	98.8	10,993	10,569	950	940
Labor	76.5	77.6	30,664	30,020	2,650	2,670
Fuels	97.5	98.0	13,539	15,066	1,170	1,340
Farm Supplies & Repairs <sup>8</sup>	100.2	98.6	19,440	20,013	1,680	1,780
Farm Improvements & Construction <sup>9 10</sup>	79.5	78.8	15,159	16,528	1,310	1,470
Tractors and Self-Propelled Farm Machinery	48.0	43.7	13,076	15,629	1,130	1,390
Other Farm Machinery	53.4	54.9	7,637	9,557	660	850
Seeds & Plants <sup>11</sup>	88.3	86.3	20,944	22,487	1,810	2,000
Trucks & Autos	48.0	43.2	6,133	6,409	530	570

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Economic Class Gross Sales \$100,000 - \$249,999, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	177,358	174,491	29,610	29,250
Livestock, Poultry & Related Expenses <sup>4</sup>	42.0	37.4	10,961	10,738	1,830	1,800
Feed	62.0	59.4	15,693	13,840	2,620	2,320
Farm Services <sup>5</sup>	102.5	100.4	24,858	23,743	4,150	3,980
Rent <sup>6</sup>	75.8	75.2	20,365	18,135	3,400	3,040
Agricultural Chemicals <sup>7</sup>	87.1	87.1	9,943	9,306	1,660	1,560
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	88.6	86.3	12,519	13,661	2,090	2,290
Interest	74.7	71.5	9,763	8,232	1,630	1,380
Taxes (Real Estate & Property)	100.7	99.4	6,709	6,741	1,120	1,130
Labor	66.2	66.8	13,237	13,005	2,210	2,180
Fuels	99.2	98.1	7,128	8,292	1,190	1,390
Farm Supplies & Repairs <sup>8</sup>	100.6	98.3	11,500	11,692	1,920	1,960
Farm Improvements & Construction <sup>9 10</sup>	74.3	75.9	9,045	10,380	1,510	1,740
Tractors and Self-Propelled Farm Machinery	35.9	35.5	6,589	8,292	1,100	1,390
Other Farm Machinery	46.1	47.5	4,193	4,295	700	720
Seeds & Plants <sup>11</sup>	86.6	83.1	10,123	9,426	1,690	1,580
Trucks & Autos	41.6	36.4	4,133	4,236	690	710

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Economic Class Gross Sales \$50,000 - \$99,999, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	81,306	84,616	14,170	14,680
Livestock, Poultry & Related Expenses <sup>4</sup>	36.7	30.0	4,762	4,323	830	750
Feed	60.9	59.3	6,656	6,283	1,160	1,090
Farm Services <sup>5</sup>	101.2	99.6	12,566	11,932	2,190	2,070
Rent <sup>6</sup>	63.8	59.3	7,172	7,897	1,250	1,370
Agricultural Chemicals <sup>7</sup>	74.9	77.9	3,615	3,516	630	610
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	83.7	80.9	5,623	6,168	980	1,070
Interest	61.3	58.6	4,935	4,381	860	760
Taxes (Real Estate & Property)	100.6	98.5	3,844	3,920	670	680
Labor	49.1	47.9	5,107	5,533	890	960
Fuels	96.2	94.4	3,557	4,496	620	780
Farm Supplies & Repairs <sup>8</sup>	97.2	94.7	6,197	6,456	1,080	1,120
Farm Improvements & Construction <sup>9 10</sup>	68.2	67.5	4,074	4,381	710	760
Tractors and Self-Propelled Farm Machinery	28.0	33.8	3,730	5,418	650	940
Other Farm Machinery	41.8	36.0	2,467	2,306	430	400
Seeds & Plants <sup>11</sup>	78.3	70.1	4,303	4,496	750	780
Trucks & Autos	31.4	33.0	2,353	2,709	410	470

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Economic Class Gross Sales \$10,000 - \$49,999, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	38,076	36,711	16,150	15,550
Livestock, Poultry & Related Expenses <sup>4</sup>	33.1	31.7	2,499	2,314	1,060	980
Feed	64.1	62.7	2,452	2,432	1,040	1,030
Farm Services <sup>5</sup>	98.5	98.3	5,281	5,335	2,240	2,260
Rent <sup>6</sup>	36.9	38.0	1,745	1,818	740	770
Agricultural Chemicals <sup>7</sup>	56.4	58.2	1,037	944	440	400
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	69.6	67.7	1,933	1,912	820	810
Interest	41.6	40.2	2,476	2,219	1,050	940
Taxes (Real Estate & Property)	99.1	99.1	2,523	2,361	1,070	1,000
Labor	39.3	35.7	1,792	2,078	760	880
Fuels	90.7	90.9	1,556	1,653	660	700
Farm Supplies & Repairs <sup>8</sup>	90.5	92.8	2,593	2,809	1,100	1,190
Farm Improvements & Construction <sup>9 10</sup>	58.2	65.8	5,352	3,777	2,270	1,600
Tractors and Self-Propelled Farm Machinery	22.9	24.0	2,287	2,479	970	1,050
Other Farm Machinery	29.9	31.0	1,132	1,157	480	490
Seeds & Plants <sup>11</sup>	54.9	52.5	1,202	1,086	510	460
Trucks & Autos	25.3	26.8	2,145	2,101	910	890

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Economic Class Gross Sales Less Than \$10,000, United States, 2003-04 <sup>1</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	12,744	14,561	15,240	17,140
Livestock, Poultry & Related Expenses <sup>4</sup>	25.1	19.2	385	382	460	450
Feed	67.4	63.4	1,095	1,155	1,310	1,360
Farm Services <sup>5</sup>	91.6	92.6	1,823	1,996	2,180	2,350
Rent <sup>6</sup>	11.4	12.5	134	195	160	230
Agricultural Chemicals <sup>7</sup>	31.1	30.0	92	127	110	150
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	43.1	42.8	334	340	400	400
Interest	29.8	26.0	1,171	1,164	1,400	1,370
Taxes (Real Estate & Property)	98.1	98.5	1,296	1,444	1,550	1,700
Labor	19.8	20.7	393	459	470	540
Fuels	76.7	78.7	443	510	530	600
Farm Supplies & Repairs <sup>8</sup>	76.4	76.2	761	867	910	1,020
Farm Improvements & Construction <sup>9 10</sup>	49.6	50.6	2,400	3,050	2,870	3,590
Tractors and Self-Propelled Farm Machinery	15.9	16.3	928	1,155	1,110	1,360
Other Farm Machinery	19.0	19.6	443	484	530	570
Seeds & Plants <sup>11</sup>	27.1	28.9	134	195	160	230
Trucks & Autos	17.4	17.2	895	1,002	1,070	1,180

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Atlantic Region, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	66,667	73,372	29,570	32,060
Livestock, Poultry & Related Expenses <sup>4</sup>	29.9	28.7	5,749	5,950	2,550	2,600
Feed	71.6	68.3	13,031	14,418	5,780	6,300
Farm Services <sup>5</sup>	95.5	97.5	8,184	8,376	3,630	3,660
Rent <sup>6</sup>	21.2	23.3	2,277	2,357	1,010	1,030
Agricultural Chemicals <sup>7</sup>	42.0	46.3	1,826	1,968	810	860
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	61.7	59.9	2,457	2,678	1,090	1,170
Interest	34.7	36.4	2,728	2,517	1,210	1,100
Taxes (Real Estate & Property)	98.9	99.5	2,142	2,289	950	1,000
Labor	36.3	35.6	8,049	8,422	3,570	3,680
Fuels	89.5	91.5	2,074	2,678	920	1,170
Farm Supplies & Repairs <sup>8</sup>	88.9	88.8	3,945	4,920	1,750	2,150
Farm Improvements & Construction <sup>9 10</sup>	61.2	63.1	5,073	6,568	2,250	2,870
Tractors and Self-Propelled Farm Machinery	16.8	17.3	2,818	3,433	1,250	1,500
Other Farm Machinery	25.7	24.0	1,623	1,625	720	710
Seeds & Plants <sup>11</sup>	44.1	47.4	2,976	2,815	1,320	1,230
Trucks & Autos	16.7	18.3	1,488	1,968	660	860

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
South Region, 2003-04<sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	82,120	84,926	23,010	23,550
Livestock, Poultry & Related Expenses <sup>4</sup>	26.7	25.1	5,710	5,698	1,600	1,580
Feed	72.9	71.4	14,811	14,785	4,150	4,100
Farm Services <sup>5</sup>	95.7	95.9	11,563	11,792	3,240	3,270
Rent <sup>6</sup>	21.9	22.2	3,854	4,111	1,080	1,140
Agricultural Chemicals <sup>7</sup>	48.3	47.6	4,568	5,085	1,280	1,410
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	66.2	65.0	4,283	4,832	1,200	1,340
Interest	33.5	30.1	3,248	2,813	910	780
Taxes (Real Estate & Property)	96.4	98.2	1,713	1,875	480	520
Labor	34.9	32.2	9,529	10,278	2,670	2,850
Fuels	85.5	87.3	3,034	3,534	850	980
Farm Supplies & Repairs <sup>8</sup>	84.5	85.2	4,033	3,967	1,130	1,100
Farm Improvements & Construction <sup>9 10</sup>	50.0	55.0	4,140	4,111	1,160	1,140
Tractors and Self-Propelled Farm Machinery	20.8	21.4	3,605	4,111	1,010	1,140
Other Farm Machinery	22.6	23.4	1,499	1,551	420	430
Seeds & Plants <sup>11</sup>	37.6	37.9	3,854	4,003	1,080	1,110
Trucks & Autos	24.3	19.7	2,320	2,128	650	590

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Midwest Region, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	91,070	97,446	56,090	59,910
Livestock, Poultry & Related Expenses <sup>4</sup>	27.9	22.8	6,982	7,319	4,300	4,500
Feed	57.6	53.0	10,943	11,711	6,740	7,200
Farm Services <sup>5</sup>	94.1	93.5	9,726	9,841	5,990	6,050
Rent <sup>6</sup>	36.2	37.3	11,528	11,744	7,100	7,220
Agricultural Chemicals <sup>7</sup>	52.2	53.7	4,725	4,717	2,910	2,900
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	62.0	62.4	6,121	7,222	3,770	4,440
Interest	48.6	45.6	4,676	4,766	2,880	2,930
Taxes (Real Estate & Property)	99.7	99.2	4,043	4,066	2,490	2,500
Labor	28.4	29.6	5,618	6,181	3,460	3,800
Fuels	81.8	84.7	2,890	3,513	1,780	2,160
Farm Supplies & Repairs <sup>8</sup>	83.5	85.3	5,066	5,237	3,120	3,220
Farm Improvements & Construction <sup>9 10</sup>	59.9	60.1	5,179	5,530	3,190	3,400
Tractors and Self-Propelled Farm Machinery	28.9	29.0	3,345	4,554	2,060	2,800
Other Farm Machinery	35.8	36.7	2,192	2,570	1,350	1,580
Seeds & Plants <sup>11</sup>	59.4	57.5	5,943	6,246	3,660	3,840
Trucks & Autos	28.3	29.0	1,802	1,887	1,110	1,160

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Plains Region, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	89,146	97,537	43,450	47,520
Livestock, Poultry & Related Expenses <sup>4</sup>	38.4	28.5	14,362	15,107	7,000	7,360
Feed	70.9	68.9	10,936	13,957	5,330	6,800
Farm Services <sup>5</sup>	95.5	96.5	10,689	10,755	5,210	5,240
Rent <sup>6</sup>	37.1	36.4	8,556	8,436	4,170	4,110
Agricultural Chemicals <sup>7</sup>	48.3	46.7	3,344	3,448	1,630	1,680
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	52.0	54.4	4,493	5,234	2,190	2,550
Interest	46.6	39.4	4,309	4,249	2,100	2,070
Taxes (Real Estate & Property)	99.1	98.9	3,365	3,448	1,640	1,680
Labor	34.4	37.1	4,370	4,926	2,130	2,400
Fuels	86.6	83.8	3,652	4,269	1,780	2,080
Farm Supplies & Repairs <sup>8</sup>	83.2	81.9	4,575	5,296	2,230	2,580
Farm Improvements & Construction <sup>9 10</sup>	53.6	59.6	4,863	5,152	2,370	2,510
Tractors and Self-Propelled Farm Machinery	22.6	24.8	3,406	4,269	1,660	2,080
Other Farm Machinery	25.1	27.1	2,011	2,258	980	1,100
Seeds & Plants <sup>11</sup>	41.2	40.1	3,324	3,571	1,620	1,740
Trucks & Autos	28.4	26.7	2,749	2,894	1,340	1,410

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
West Region, 2003-04<sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	164,726	163,724	48,380	47,660
Livestock, Poultry & Related Expenses <sup>4</sup>	28.3	23.5	10,385	10,168	3,050	2,960
Feed	53.9	52.3	18,727	19,237	5,500	5,600
Farm Services <sup>5</sup>	97.4	95.8	30,065	27,757	8,830	8,080
Rent <sup>6</sup>	31.1	32.7	10,351	9,962	3,040	2,900
Agricultural Chemicals <sup>7</sup>	50.5	46.6	6,027	5,668	1,770	1,650
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	48.5	44.0	5,958	6,527	1,750	1,900
Interest	41.4	41.8	7,491	6,939	2,200	2,020
Taxes (Real Estate & Property)	98.8	96.9	4,222	4,466	1,240	1,300
Labor	44.4	42.1	33,946	35,280	9,970	10,270
Fuels	78.3	80.2	4,665	5,531	1,370	1,610
Farm Supplies & Repairs <sup>8</sup>	82.8	81.8	9,431	8,760	2,770	2,550
Farm Improvements & Construction <sup>9 10</sup>	58.2	57.5	9,636	9,206	2,830	2,680
Tractors and Self-Propelled Farm Machinery	18.5	19.6	3,473	4,054	1,020	1,180
Other Farm Machinery	22.7	22.9	1,464	1,649	430	480
Seeds & Plants <sup>11</sup>	34.9	34.7	5,856	5,428	1,720	1,580
Trucks & Autos	21.4	23.2	2,520	2,679	740	780

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Total,  
United States, 1999-2004 <sup>1</sup>**

Expenditure - Farm Share	1999	2000	2001	2002	2003	2004
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	184,050	189,600	195,200	193,100	200,500	210,700
Livestock, Poultry & Related Expenses <sup>4</sup>	16,800	18,000	18,500	18,300	18,500	19,000
Feed	24,500	24,500	24,800	24,900	27,500	30,000
Farm Services <sup>5</sup>	25,700	25,400	26,900	26,800	26,900	26,300
Rent <sup>6</sup>	15,900	16,100	16,400	16,200	16,400	16,400
Agricultural Chemicals <sup>7</sup>	8,600	8,500	8,600	8,300	8,400	8,500
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	9,900	10,000	10,300	9,600	10,000	11,400
Interest	10,700	10,900	11,000	10,500	9,300	8,900
Taxes (Real Estate & Property)	6,800	6,900	6,900	6,800	6,800	7,000
Labor	19,700	20,700	21,700	21,500	21,800	23,000
Fuels	5,300	7,000	6,700	6,500	6,700	8,000
Farm Supplies & Repairs <sup>8</sup>	12,600	12,400	12,700	12,200	11,000	11,600
Farm Improvements & Construction <sup>9 10</sup>	7,100	8,400	7,800	8,000	11,800	12,600
Tractors and Self-Propelled Farm Machinery	5,400	5,400	6,200	6,200	7,000	8,700
Other Farm Machinery	3,500	3,600	3,700	3,700	3,900	4,300
Seeds & Plants <sup>11</sup>	7,200	7,500	8,200	8,900	9,400	9,500
Trucks & Autos	3,900	4,000	4,300	4,200	4,500	4,800

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Percent of Total,  
United States, 1999-2004 <sup>1</sup>**

Expenditure - Farm Share	1999	2000	2001	2002	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	100.0	100.0	100.0	100.0
Livestock, Poultry & Related Expenses <sup>4</sup>	9.1	9.5	9.5	9.5	9.2	9.0
Feed	13.3	12.9	12.7	12.9	13.7	14.2
Farm Services <sup>5</sup>	14.0	13.4	13.8	13.9	13.4	12.5
Rent <sup>6</sup>	8.6	8.5	8.4	8.4	8.2	7.8
Agricultural Chemicals <sup>7</sup>	4.7	4.5	4.4	4.3	4.2	4.0
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	5.4	5.3	5.3	5.0	5.0	5.4
Interest	5.8	5.7	5.6	5.4	4.6	4.2
Taxes (Real Estate & Property)	3.7	3.6	3.5	3.5	3.4	3.3
Labor	10.7	10.9	11.1	11.1	10.9	10.9
Fuels	2.9	3.7	3.4	3.4	3.3	3.8
Farm Supplies & Repairs <sup>8</sup>	6.8	6.5	6.5	6.3	5.5	5.5
Farm Improvements & Construction <sup>9 10</sup>	3.9	4.4	4.0	4.1	5.9	6.0
Tractors and Self-Propelled Farm Machinery	2.9	2.8	3.2	3.2	3.5	4.1
Other Farm Machinery	1.9	1.9	1.9	1.9	1.9	2.0
Seeds & Plants <sup>11</sup>	3.9	4.0	4.2	4.6	4.7	4.5
Trucks & Autos	2.1	2.1	2.2	2.2	2.2	2.3

See footnotes on page 67.

**Fuels Production Expenditures:  
Sub-Components, Total and Percent of Total,  
United States, 2003-04**

Expenditure - Farm Share	2003		2004	
	<i>Million Dollars</i>	<i>Percent</i>	<i>Million Dollars</i>	<i>Percent</i>
Total Fuels Expenditures	6,700	3.3	8,000	3.8
Diesel	3,430	51.2	4,420	55.2
Gas	1,760	26.3	1,910	23.9
LP Gas	920	13.7	1,130	14.1
Other Fuels <sup>1</sup>	590	8.8	540	6.8

<sup>1</sup> Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:  
Sub-Components and Total,  
By Type of Farms, United States, 2003-04**

Expenditure - Farm Share	Crop Farms		Livestock Farms	
	2003	2004	2003	2004
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Fuels Expenditures	3,970	4,730	2,730	3,270
Diesel	2,140	2,700	1,290	1,720
Gas	930	995	830	915
LP Gas	500	650	420	480
Other Fuels <sup>1</sup>	400	385	190	155

<sup>1</sup> Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:  
Sub-Components and Total,  
By Economic Class of Farm, United States, 2003-04**

Expenditure - Farm Share	\$1,000,000 and over		\$500,000 - \$999,999		\$250,000 - \$499,999		\$100,000 - \$249,999	
	2003	2004	2003	2004	2003	2004	2003	2004
	<i>Million Dollars</i>							
Total Fuels Expenditures	1,500	2,030	1,030	1,160	1,170	1,340	1,190	1,390
Diesel	810	1,070	545	615	645	790	645	780
Gas	290	345	195	240	255	270	330	340
LP Gas	250	310	195	250	180	210	150	210
Other Fuels <sup>1</sup>	150	305	95	55	90	70	65	60

<sup>1</sup> Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:  
Sub-Components and Total,  
By Economic Class of Farm, United States, 2003-04**

Expenditure - Farm Share	\$50,000 - \$99,999		\$10,000 - \$49,999		Less Than \$10,000	
	2003	2004	2003	2004	2003	2004
	<i>Million Dollars</i>					
Total Fuels Expenditures	620	780	660	700	530	600
Diesel	290	505	280	375	215	285
Gas	185	190	270	260	235	265
LP Gas	65	70	50	45	30	35
Other Fuels <sup>1</sup>	80	15	60	20	50	15

<sup>1</sup> Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:  
Sub-Components and Total,  
By Farm Production Region, United States, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Atlantic		South		Midwest	
	2003	2004	2003	2004	2003	2004
	<i>Million Dollars</i>					
Total Fuels Expenditures	920	1,170	850	980	1,780	2,160
Diesel	393	585	423	510	937	1,135
Gas	296	310	187	205	369	420
LP Gas	140	185	189	215	359	435
Other Fuels <sup>1</sup>	91	90	51	50	115	170

<sup>1</sup> Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Fuels Production Expenditures:  
Sub-Components and Total,  
By Farm Production Region, United States, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Plains		West	
	2003	2004	2003	2004
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Fuels Expenditures	1,780	2,080	1,370	1,610
Diesel	991	1,200	686	990
Gas	460	540	448	435
LP Gas	124	175	108	120
Other Fuels <sup>1</sup>	205	165	128	65

<sup>1</sup> Includes natural gas, coal, fuel oil, kerosene, wood, etc.

**Farm Production Expenditures:  
Major Input Items, Total,  
Atlantic Region, 2000-2004 <sup>14</sup>**

Expenditure - Farm Share	2000	2001	2002	2003	2004
	<i>Million Dollars</i>				
Total Farm Production Expenditures <sup>2 3</sup>	25,910	26,170	29,450	29,570	32,060
Livestock, Poultry & Related Expenses <sup>4</sup>	2,240	2,190	2,620	2,550	2,600
Feed	5,100	4,970	5,710	5,780	6,300
Farm Services <sup>5</sup>	3,270	3,380	3,740	3,630	3,660
Rent <sup>6</sup>	1,000	1,040	1,070	1,010	1,030
Agricultural Chemicals <sup>7</sup>	760	780	830	810	860
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	1,150	1,170	1,120	1,090	1,170
Interest	1,230	1,220	1,390	1,210	1,100
Taxes (Real Estate & Property)	960	970	920	950	1,000
Labor	2,900	2,920	3,770	3,570	3,680
Fuels	960	910	920	920	1,170
Farm Supplies & Repairs <sup>8</sup>	1,850	1,810	1,950	1,750	2,150
Farm Improvements & Construction <sup>9 10</sup>	1,420	1,510	1,410	2,250	2,870
Tractors and Self-Propelled Farm Machinery	810	910	1,110	1,250	1,500
Other Farm Machinery	620	640	630	720	710
Seeds & Plants <sup>11</sup>	900	930	1,280	1,320	1,230
Trucks & Autos	695	740	800	660	860

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Total,  
South Region, 2000-2004 <sup>14</sup>**

Expenditure - Farm Share	2000	2001	2002	2003	2004
	<i>Million Dollars</i>				
Total Farm Production Expenditures <sup>2 3</sup>	21,140	21,905	21,660	23,010	23,550
Livestock, Poultry & Related Expenses <sup>4</sup>	1,430	1,510	1,680	1,600	1,580
Feed	3,890	4,040	3,900	4,150	4,100
Farm Services <sup>5</sup>	2,920	3,120	3,030	3,240	3,270
Rent <sup>6</sup>	1,060	1,080	1,060	1,080	1,140
Agricultural Chemicals <sup>7</sup>	1,305	1,350	1,240	1,280	1,410
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	1,130	1,140	1,130	1,200	1,340
Interest	960	960	1,000	910	780
Taxes (Real Estate & Property)	470	485	480	480	520
Labor	2,580	2,610	2,640	2,670	2,850
Fuels	850	830	870	850	980
Farm Supplies & Repairs <sup>8</sup>	1,320	1,340	1,290	1,130	1,100
Farm Improvements & Construction <sup>9 10</sup>	880	850	750	1,160	1,140
Tractors and Self-Propelled Farm Machinery	680	750	690	1,010	1,140
Other Farm Machinery	340	360	260	420	430
Seeds & Plants <sup>11</sup>	750	820	1,030	1,080	1,110
Trucks & Autos	525	560	540	650	590

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Total,  
Midwest Region, 2000-2004 <sup>14</sup>**

Expenditure - Farm Share	2000	2001	2002	2003	2004
	<i>Million Dollars</i>				
Total Farm Production Expenditures <sup>2 3</sup>	54,910	56,580	54,310	56,090	59,910
Livestock, Poultry & Related Expenses <sup>4</sup>	4,160	4,350	4,350	4,300	4,500
Feed	5,980	6,240	5,660	6,740	7,200
Farm Services <sup>5</sup>	5,840	6,300	6,020	5,990	6,050
Rent <sup>6</sup>	7,400	7,530	7,280	7,100	7,220
Agricultural Chemicals <sup>7</sup>	3,185	3,080	2,910	2,910	2,900
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	3,780	3,910	3,530	3,770	4,440
Interest	3,520	3,540	3,270	2,880	2,930
Taxes (Real Estate & Property)	2,570	2,540	2,530	2,490	2,500
Labor	3,140	3,310	3,200	3,460	3,800
Fuels	1,920	1,810	1,730	1,780	2,160
Farm Supplies & Repairs <sup>8</sup>	3,600	3,650	3,530	3,120	3,220
Farm Improvements & Construction <sup>9 10</sup>	2,460	2,170	2,350	3,190	3,400
Tractors and Self-Propelled Farm Machinery	1,855	2,160	2,010	2,060	2,800
Other Farm Machinery	1,290	1,340	1,510	1,350	1,580
Seeds & Plants <sup>11</sup>	3,090	3,390	3,380	3,660	3,840
Trucks & Autos	1,040	1,150	960	1,110	1,160

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Total,  
Plains Region, 2000-2004 <sup>14</sup>**

Expenditure - Farm Share	2000	2001	2002	2003	2004
	<i>Million Dollars</i>				
Total Farm Production Expenditures <sup>2 3</sup>	40,370	42,200	38,690	43,450	47,520
Livestock, Poultry & Related Expenses <sup>4</sup>	7,070	7,430	6,530	7,000	7,360
Feed	4,150	4,460	3,760	5,330	6,800
Farm Services <sup>5</sup>	5,070	5,340	4,860	5,210	5,240
Rent <sup>6</sup>	3,940	4,000	3,910	4,170	4,110
Agricultural Chemicals <sup>7</sup>	1,520	1,580	1,600	1,630	1,680
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	2,150	2,260	2,070	2,190	2,550
Interest	2,450	2,490	2,280	2,100	2,070
Taxes (Real Estate & Property)	1,600	1,600	1,650	1,640	1,680
Labor	2,180	2,320	1,920	2,130	2,400
Fuels	1,790	1,770	1,680	1,780	2,080
Farm Supplies & Repairs <sup>8</sup>	2,500	2,570	2,340	2,230	2,580
Farm Improvements & Construction <sup>9 10</sup>	1,480	1,330	1,240	2,370	2,510
Tractors and Self-Propelled Farm Machinery	1,190	1,400	1,370	1,660	2,080
Other Farm Machinery	860	880	850	980	1,100
Seeds & Plants <sup>11</sup>	1,360	1,490	1,500	1,620	1,740
Trucks & Autos	1,000	1,130	1,070	1,340	1,410

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Total,  
West Region, 2000-2004 <sup>14</sup>**

Expenditure - Farm Share	2000	2001	2002	2003	2004
	<i>Million Dollars</i>				
Total Farm Production Expenditures <sup>2 3</sup>	47,270	48,345	48,990	48,380	47,660
Livestock, Poultry & Related Expenses <sup>4</sup>	3,100	3,020	3,120	3,050	2,960
Feed	5,380	5,090	5,870	5,500	5,600
Farm Services <sup>5</sup>	8,300	8,760	9,150	8,830	8,080
Rent <sup>6</sup>	2,700	2,750	2,880	3,040	2,900
Agricultural Chemicals <sup>7</sup>	1,730	1,810	1,720	1,770	1,650
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	1,790	1,820	1,750	1,750	1,900
Interest	2,740	2,790	2,560	2,200	2,020
Taxes (Real Estate & Property)	1,300	1,305	1,220	1,240	1,300
Labor	9,900	10,540	9,970	9,970	10,270
Fuels	1,480	1,380	1,300	1,370	1,610
Farm Supplies & Repairs <sup>8</sup>	3,130	3,330	3,090	2,770	2,550
Farm Improvements & Construction <sup>9 10</sup>	2,160	1,940	2,250	2,830	2,680
Tractors and Self-Propelled Farm Machinery	865	980	1,020	1,020	1,180
Other Farm Machinery	490	480	450	430	480
Seeds & Plants <sup>11</sup>	1,400	1,570	1,710	1,720	1,580
Trucks & Autos	740	720	830	740	780

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Arkansas, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	96,211	99,789	4,570	4,740
Livestock, Poultry & Related Expenses <sup>4</sup>	31.2	32.8	10,526	10,105	500	480
Feed	73.2	77.0	20,000	19,579	950	930
Farm Services <sup>5</sup>	90.9	97.3	11,368	11,158	540	530
Rent <sup>6</sup>	24.9	32.5	7,158	8,000	340	380
Agricultural Chemicals <sup>7</sup>	39.5	47.5	5,474	5,895	260	280
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	45.6	56.3	4,632	5,053	220	240
Interest	39.1	39.4	4,000	4,211	190	200
Taxes (Real Estate & Property)	97.9	98.2	1,474	1,684	70	80
Labor	37.0	33.9	6,105	6,526	290	310
Fuels	71.4	90.7	3,789	4,421	180	210
Farm Supplies & Repairs <sup>8</sup>	79.6	89.8	4,000	4,211	190	200
Farm Improvements & Construction <sup>9 10</sup>	54.1	63.1	4,421	4,632	210	220
Tractors and Self-Propelled Farm Machinery	28.5	31.0	4,632	5,474	220	260
Other Farm Machinery	35.4	35.0	1,895	1,684	90	80
Seeds & Plants <sup>11</sup>	22.5	21.3	3,579	3,789	170	180
Trucks & Autos	33.4	29.2	2,737	2,947	130	140

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
California, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	289,682	291,688	22,740	22,460
Livestock, Poultry & Related Expenses <sup>4</sup>	22.6	9.7	7,389	7,403	580	570
Feed	35.3	35.0	28,535	29,740	2,240	2,290
Farm Services <sup>5</sup>	96.8	97.8	57,325	53,896	4,500	4,150
Rent <sup>6</sup>	25.3	24.3	18,217	16,753	1,430	1,290
Agricultural Chemicals <sup>7</sup>	60.1	56.9	12,484	11,818	980	910
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	57.8	55.5	10,191	11,299	800	870
Interest	38.7	37.8	12,357	10,779	970	830
Taxes (Real Estate & Property)	98.2	96.1	7,134	7,792	560	600
Labor	59.5	56.3	80,892	86,623	6,350	6,670
Fuels	73.8	74.6	6,879	8,052	540	620
Farm Supplies & Repairs <sup>8</sup>	81.2	78.4	16,561	14,545	1,300	1,120
Farm Improvements & Construction <sup>9 10</sup>	56.0	58.4	11,592	11,948	910	920
Tractors and Self-Propelled Farm Machinery	27.2	26.2	3,439	4,026	270	310
Other Farm Machinery	26.3	25.4	1,401	1,429	110	110
Seeds & Plants <sup>11</sup>	39.8	37.1	11,083	11,429	870	880
Trucks & Autos	29.2	25.1	3,439	3,377	270	260

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Florida, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	110,909	114,186	4,880	4,910
Livestock, Poultry & Related Expenses <sup>4</sup>	18.2	15.0	2,273	2,093	100	90
Feed	62.6	72.7	9,545	9,535	420	410
Farm Services <sup>5</sup>	96.1	97.0	18,636	18,837	820	810
Rent <sup>6</sup>	12.4	10.2	1,364	1,860	60	80
Agricultural Chemicals <sup>7</sup>	49.5	45.3	6,591	6,977	290	300
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	61.0	65.9	7,045	7,674	310	330
Interest	28.5	17.6	3,409	2,791	150	120
Taxes (Real Estate & Property)	99.5	99.8	2,955	3,256	130	140
Labor	37.9	34.9	32,727	34,651	1,440	1,490
Fuels	79.4	76.1	3,182	3,488	140	150
Farm Supplies & Repairs <sup>8</sup>	83.3	78.8	4,545	4,419	200	190
Farm Improvements & Construction <sup>9 10</sup>	59.9	54.5	4,545	4,651	200	200
Tractors and Self-Propelled Farm Machinery	20.0	23.1	1,818	2,093	80	90
Other Farm Machinery	16.8	24.4	909	930	40	40
Seeds & Plants <sup>11</sup>	32.1	31.1	8,409	8,372	370	360
Trucks & Autos	22.3	25.6	2,273	1,860	100	80

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Georgia, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	80,122	84,286	3,950	4,130
Livestock, Poultry & Related Expenses <sup>4</sup>	22.7	23.5	6,491	6,327	320	310
Feed	73.9	65.1	21,298	21,837	1,050	1,070
Farm Services <sup>5</sup>	98.1	93.8	9,736	10,204	480	500
Rent <sup>6</sup>	20.2	19.7	2,637	2,653	130	130
Agricultural Chemicals <sup>7</sup>	58.2	50.3	3,854	4,490	190	220
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	78.7	75.3	3,854	4,490	190	220
Interest	31.0	31.5	3,448	3,469	170	170
Taxes (Real Estate & Property)	99.4	99.2	2,231	2,245	110	110
Labor	36.1	34.9	6,491	7,143	320	350
Fuels	88.3	87.0	2,840	3,265	140	160
Farm Supplies & Repairs <sup>8</sup>	89.2	84.5	3,448	3,265	170	160
Farm Improvements & Construction <sup>9 10</sup>	45.1	50.4	3,651	3,878	180	190
Tractors and Self-Propelled Farm Machinery	31.2	34.4	4,057	4,694	200	230
Other Farm Machinery	23.0	32.3	1,217	1,429	60	70
Seeds & Plants <sup>11</sup>	41.3	46.4	2,840	3,061	140	150
Trucks & Autos	27.8	20.7	1,826	1,633	90	80

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Illinois, 2003-04<sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	124,521	129,178	9,090	9,430
Livestock, Poultry & Related Expenses <sup>4</sup>	21.2	16.1	6,164	5,753	450	420
Feed	40.8	39.2	6,438	6,849	470	500
Farm Services <sup>5</sup>	90.1	96.4	12,192	12,329	890	900
Rent <sup>6</sup>	49.7	46.1	25,753	25,890	1,880	1,890
Agricultural Chemicals <sup>7</sup>	65.3	65.5	9,315	9,178	680	670
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	66.5	67.1	10,822	12,329	790	900
Interest	54.5	49.5	6,164	6,027	450	440
Taxes (Real Estate & Property)	99.8	99.0	7,260	6,575	530	480
Labor	34.1	34.2	5,890	6,301	430	460
Fuels	83.0	83.4	3,836	4,384	280	320
Farm Supplies & Repairs <sup>8</sup>	81.4	80.6	6,027	6,301	440	460
Farm Improvements & Construction <sup>9 10</sup>	64.5	59.9	5,068	5,342	370	390
Tractors and Self-Propelled Farm Machinery	36.1	31.2	4,247	5,753	310	420
Other Farm Machinery	37.6	37.1	2,603	3,014	190	220
Seeds & Plants <sup>11</sup>	68.4	64.2	9,863	10,274	720	750
Trucks & Autos	35.6	35.5	2,740	2,740	200	200

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Indiana, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	87,059	93,086	5,180	5,520
Livestock, Poultry & Related Expenses <sup>4</sup>	23.2	15.9	4,370	3,879	260	230
Feed	53.7	46.0	8,235	8,769	490	520
Farm Services <sup>5</sup>	95.2	97.0	7,731	8,094	460	480
Rent <sup>6</sup>	32.3	35.7	14,286	14,503	850	860
Agricultural Chemicals <sup>7</sup>	54.3	55.8	5,546	5,396	330	320
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	60.9	62.4	7,899	9,781	470	580
Interest	55.6	50.4	4,538	5,228	270	310
Taxes (Real Estate & Property)	99.7	100.0	3,866	4,384	230	260
Labor	24.9	24.8	4,874	5,565	290	330
Fuels	80.2	76.4	2,857	3,035	170	180
Farm Supplies & Repairs <sup>8</sup>	82.3	86.6	4,202	4,384	250	260
Farm Improvements & Construction <sup>9 10</sup>	62.2	57.3	5,546	5,734	330	340
Tractors and Self-Propelled Farm Machinery	32.3	31.3	3,025	3,204	180	190
Other Farm Machinery	35.6	39.4	2,017	2,192	120	130
Seeds & Plants <sup>11</sup>	59.7	60.8	6,387	6,914	380	410
Trucks & Autos	30.5	33.7	1,513	1,686	90	100

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Iowa, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	134,222	145,151	12,080	13,040
Livestock, Poultry & Related Expenses <sup>4</sup>	37.8	25.8	16,222	18,395	1,460	1,650
Feed	54.3	43.8	20,444	20,959	1,840	1,880
Farm Services <sup>5</sup>	91.8	93.8	13,556	13,266	1,220	1,210
Rent <sup>6</sup>	50.7	43.3	20,000	20,736	1,800	1,860
Agricultural Chemicals <sup>7</sup>	63.0	61.7	6,556	6,355	590	570
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	63.7	60.6	8,000	9,365	720	840
Interest	62.4	50.0	7,000	7,469	630	670
Taxes (Real Estate & Property)	99.3	96.2	5,000	5,351	450	480
Labor	37.4	31.7	4,889	5,128	440	460
Fuels	79.5	86.4	3,556	4,459	320	400
Farm Supplies & Repairs <sup>8</sup>	80.3	79.4	5,333	5,463	480	490
Farm Improvements & Construction <sup>9 10</sup>	66.2	62.3	6,111	7,246	550	650
Tractors and Self-Propelled Farm Machinery	36.1	36.9	4,556	6,577	410	590
Other Farm Machinery	35.8	37.3	2,556	3,122	230	280
Seeds & Plants <sup>11</sup>	69.3	66.5	8,222	8,807	740	790
Trucks & Autos	36.0	30.1	2,000	2,118	180	190

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Kansas, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	127,752	144,031	8,240	9,290
Livestock, Poultry & Related Expenses <sup>4</sup>	32.7	24.2	30,698	32,093	1,980	2,070
Feed	57.7	51.3	17,984	21,705	1,160	1,400
Farm Services <sup>5</sup>	94.8	91.6	12,558	13,333	810	860
Rent <sup>6</sup>	48.3	41.9	13,488	12,558	870	810
Agricultural Chemicals <sup>7</sup>	57.7	51.5	4,031	3,876	260	250
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	71.3	65.0	6,512	7,752	420	500
Interest	55.0	49.1	4,651	5,426	300	350
Taxes (Real Estate & Property)	96.0	96.3	3,256	3,566	210	230
Labor	32.8	34.7	5,426	6,822	350	440
Fuels	82.0	77.9	5,426	7,287	350	470
Farm Supplies & Repairs <sup>8</sup>	79.3	76.1	5,891	7,597	380	490
Farm Improvements & Construction <sup>9 10</sup>	50.2	54.4	4,651	5,581	300	360
Tractors and Self-Propelled Farm Machinery	21.9	22.3	4,186	5,271	270	340
Other Farm Machinery	30.0	23.0	2,326	2,636	150	170
Seeds & Plants <sup>11</sup>	55.8	54.2	4,031	4,341	260	280
Trucks & Autos	30.1	26.5	2,481	4,031	160	260

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Minnesota, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	116,625	126,441	9,330	10,090
Livestock, Poultry & Related Expenses <sup>4</sup>	32.3	18.9	11,500	12,531	920	1,000
Feed	53.1	47.3	16,250	17,293	1,300	1,380
Farm Services <sup>5</sup>	88.8	94.2	14,250	13,283	1,140	1,060
Rent <sup>6</sup>	40.4	47.8	10,875	11,779	870	940
Agricultural Chemicals <sup>7</sup>	61.1	60.6	5,500	5,388	440	430
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	66.3	61.0	6,875	8,020	550	640
Interest	53.8	54.0	6,625	6,516	530	520
Taxes (Real Estate & Property)	99.5	99.7	3,250	3,383	260	270
Labor	31.9	37.0	6,250	7,018	500	560
Fuels	84.0	88.3	3,875	5,639	310	450
Farm Supplies & Repairs <sup>8</sup>	87.8	89.8	6,750	6,892	540	550
Farm Improvements & Construction <sup>9 10</sup>	63.4	67.1	6,750	7,018	540	560
Tractors and Self-Propelled Farm Machinery	38.3	35.8	4,875	6,642	390	530
Other Farm Machinery	52.1	39.5	3,125	3,383	250	270
Seeds & Plants <sup>11</sup>	74.1	64.8	7,500	8,271	600	660
Trucks & Autos	37.7	33.8	1,875	2,256	150	180

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Missouri, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	48,679	51,415	5,160	5,450
Livestock, Poultry & Related Expenses <sup>4</sup>	25.5	27.9	4,057	3,962	430	420
Feed	68.3	71.3	7,547	7,830	800	830
Farm Services <sup>5</sup>	97.6	93.7	5,094	5,189	540	550
Rent <sup>6</sup>	24.3	26.8	4,528	4,811	480	510
Agricultural Chemicals <sup>7</sup>	29.5	38.0	1,887	1,981	200	210
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	57.6	62.5	3,491	4,245	370	450
Interest	43.2	41.1	2,547	2,453	270	260
Taxes (Real Estate & Property)	99.7	100.0	1,981	2,075	210	220
Labor	20.1	30.0	2,453	2,264	260	240
Fuels	77.9	78.5	1,698	1,887	180	200
Farm Supplies & Repairs <sup>8</sup>	80.4	81.5	2,736	2,830	290	300
Farm Improvements & Construction <sup>9 10</sup>	56.5	60.0	3,113	3,019	330	320
Tractors and Self-Propelled Farm Machinery	21.6	34.0	2,358	3,396	250	360
Other Farm Machinery	31.5	37.8	1,415	1,792	150	190
Seeds & Plants <sup>11</sup>	40.2	36.0	2,453	2,453	260	260
Trucks & Autos	24.6	29.2	1,226	1,132	130	120

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Nebraska, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	189,897	204,555	9,210	9,880
Livestock, Poultry & Related Expenses <sup>4</sup>	34.8	33.3	36,701	38,923	1,780	1,880
Feed	51.0	53.9	24,948	31,884	1,210	1,540
Farm Services <sup>5</sup>	98.1	97.7	18,969	18,427	920	890
Rent <sup>6</sup>	59.9	55.7	25,155	24,845	1,220	1,200
Agricultural Chemicals <sup>7</sup>	70.7	65.5	7,010	6,832	340	330
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	66.5	63.1	9,897	11,387	480	550
Interest	72.7	63.5	10,309	9,731	500	470
Taxes (Real Estate & Property)	99.8	100.0	7,216	7,246	350	350
Labor	49.7	47.1	8,454	9,110	410	440
Fuels	88.1	90.9	7,216	7,867	350	380
Farm Supplies & Repairs <sup>8</sup>	92.2	92.7	8,247	8,903	400	430
Farm Improvements & Construction <sup>9 10</sup>	71.4	66.5	6,392	6,625	310	320
Tractors and Self-Propelled Farm Machinery	37.0	38.4	4,330	5,797	210	280
Other Farm Machinery	39.2	40.6	3,299	3,727	160	180
Seeds & Plants <sup>11</sup>	68.8	66.0	8,660	9,110	420	440
Trucks & Autos	40.4	41.4	2,887	3,727	140	180

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
North Carolina, 2003-04<sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	129,907	135,000	6,950	7,020
Livestock, Poultry & Related Expenses <sup>4</sup>	22.4	21.1	22,430	21,538	1,200	1,120
Feed	63.8	57.3	42,991	43,269	2,300	2,250
Farm Services <sup>5</sup>	90.1	95.2	15,327	14,423	820	750
Rent <sup>6</sup>	29.9	37.6	4,112	4,423	220	230
Agricultural Chemicals <sup>7</sup>	48.3	51.9	4,112	4,423	220	230
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	73.3	80.4	4,673	5,000	250	260
Interest	27.8	29.4	2,991	2,692	160	140
Taxes (Real Estate & Property)	99.9	97.9	2,056	2,308	110	120
Labor	42.0	36.3	11,215	12,308	600	640
Fuels	82.1	88.7	3,925	5,192	210	270
Farm Supplies & Repairs <sup>8</sup>	85.3	84.7	3,925	4,615	210	240
Farm Improvements & Construction <sup>9 10</sup>	51.1	56.0	3,178	4,423	170	230
Tractors and Self-Propelled Farm Machinery	26.7	25.5	2,617	3,269	140	170
Other Farm Machinery	26.4	29.7	935	1,154	50	60
Seeds & Plants <sup>11</sup>	50.0	50.6	3,364	3,654	180	190
Trucks & Autos	25.6	23.6	1,495	1,731	80	90

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Texas, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	60,699	63,886	13,900	14,630
Livestock, Poultry & Related Expenses <sup>4</sup>	38.4	29.1	9,782	10,131	2,240	2,320
Feed	77.8	78.2	8,865	11,572	2,030	2,650
Farm Services <sup>5</sup>	95.9	97.1	8,734	7,817	2,000	1,790
Rent <sup>6</sup>	27.0	27.6	2,969	3,100	680	710
Agricultural Chemicals <sup>7</sup>	38.9	36.1	1,616	1,659	370	380
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	46.8	51.6	2,533	2,664	580	610
Interest	34.8	23.8	2,620	2,358	600	540
Taxes (Real Estate & Property)	99.3	98.8	2,271	2,227	520	510
Labor	33.1	35.5	4,148	4,541	950	1,040
Fuels	89.1	83.5	2,271	2,489	520	570
Farm Supplies & Repairs <sup>8</sup>	83.0	81.4	3,057	2,969	700	680
Farm Improvements & Construction <sup>9 10</sup>	52.3	55.2	3,974	4,148	910	950
Tractors and Self-Propelled Farm Machinery	25.0	24.6	2,926	3,188	670	730
Other Farm Machinery	21.3	25.1	961	1,048	220	240
Seeds & Plants <sup>11</sup>	30.9	31.0	1,572	1,659	360	380
Trucks & Autos	22.7	24.7	2,314	2,140	530	490

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Washington, 2003-04<sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	140,282	149,143	4,980	5,220
Livestock, Poultry & Related Expenses <sup>4</sup>	16.8	14.8	7,324	7,143	260	250
Feed	53.4	40.7	12,676	12,286	450	430
Farm Services <sup>5</sup>	96.9	93.2	25,352	26,000	900	910
Rent <sup>6</sup>	18.8	33.7	7,606	8,286	270	290
Agricultural Chemicals <sup>7</sup>	60.4	47.4	6,479	6,286	230	220
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	49.0	57.3	6,197	7,429	220	260
Interest	40.3	38.1	5,915	5,714	210	200
Taxes (Real Estate & Property)	99.6	99.8	4,507	4,857	160	170
Labor	45.6	49.7	32,676	34,286	1,160	1,200
Fuels	76.2	85.0	3,662	4,571	130	160
Farm Supplies & Repairs <sup>8</sup>	79.3	87.9	6,761	7,429	240	260
Farm Improvements & Construction <sup>9 10</sup>	66.6	64.9	6,761	8,857	240	310
Tractors and Self-Propelled Farm Machinery	30.5	34.8	5,070	5,714	180	200
Other Farm Machinery	47.4	35.9	1,408	1,714	50	60
Seeds & Plants <sup>11</sup>	39.1	48.3	5,352	5,714	190	200
Trucks & Autos	31.1	38.8	1,972	2,286	70	80

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
Wisconsin, 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	72,680	81,438	5,560	6,230
Livestock, Poultry & Related Expenses <sup>4</sup>	31.5	28.3	3,399	3,268	260	250
Feed	64.6	58.5	10,196	11,634	780	890
Farm Services <sup>5</sup>	93.0	90.8	10,458	11,242	800	860
Rent <sup>6</sup>	35.1	35.5	3,660	3,922	280	300
Agricultural Chemicals <sup>7</sup>	48.9	46.9	2,353	2,484	180	190
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	52.6	60.7	3,399	4,183	260	320
Interest	42.5	47.3	4,314	4,575	330	350
Taxes (Real Estate & Property)	99.6	99.6	3,791	3,660	290	280
Labor	30.4	34.5	8,366	9,150	640	700
Fuels	75.7	81.4	2,353	3,007	180	230
Farm Supplies & Repairs <sup>8</sup>	80.1	83.2	5,098	5,490	390	420
Farm Improvements & Construction <sup>9 10</sup>	58.4	63.8	5,752	7,190	440	550
Tractors and Self-Propelled Farm Machinery	26.8	29.5	2,353	3,268	180	250
Other Farm Machinery	30.0	42.4	2,092	2,614	160	200
Seeds & Plants <sup>11</sup>	57.1	61.6	3,399	3,660	260	280
Trucks & Autos	24.7	39.5	1,569	1,961	120	150

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
All Other States, Atlantic Region 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	57,993	65,047	22,620	25,040
Livestock, Poultry & Related Expenses <sup>4</sup>	30.9	29.8	3,461	3,845	1,350	1,480
Feed	72.7	69.8	8,922	10,521	3,480	4,050
Farm Services <sup>5</sup>	96.3	97.8	7,204	7,559	2,810	2,910
Rent <sup>6</sup>	20.0	21.4	2,025	2,078	790	800
Agricultural Chemicals <sup>7</sup>	41.1	45.6	1,513	1,637	590	630
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	60.1	57.2	2,154	2,364	840	910
Interest	35.7	37.4	2,692	2,494	1,050	960
Taxes (Real Estate & Property)	98.8	99.8	2,154	2,286	840	880
Labor	35.5	35.5	7,614	7,897	2,970	3,040
Fuels	90.5	91.8	1,820	2,338	710	900
Farm Supplies & Repairs <sup>8</sup>	89.4	89.4	3,948	4,962	1,540	1,910
Farm Improvements & Construction <sup>9 10</sup>	62.6	64.0	5,333	6,858	2,080	2,640
Tractors and Self-Propelled Farm Machinery	15.4	16.2	2,846	3,455	1,110	1,330
Other Farm Machinery	25.6	23.2	1,718	1,689	670	650
Seeds & Plants <sup>11</sup>	43.3	47.0	2,923	2,702	1,140	1,040
Trucks & Autos	15.4	17.6	1,487	2,000	580	770

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
All Other States, South Region 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	68,938	70,900	9,610	9,770
Livestock, Poultry & Related Expenses <sup>4</sup>	29.3	26.1	4,878	5,080	680	700
Feed	75.7	71.4	12,410	12,264	1,730	1,690
Farm Services <sup>5</sup>	96.3	95.9	10,043	10,377	1,400	1,430
Rent <sup>6</sup>	24.5	23.2	3,945	3,991	550	550
Agricultural Chemicals <sup>7</sup>	47.4	47.4	3,874	4,427	540	610
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	70.5	64.1	3,443	3,991	480	550
Interest	34.0	30.3	2,869	2,104	400	290
Taxes (Real Estate & Property)	93.9	97.4	1,220	1,379	170	190
Labor	32.8	29.8	4,448	5,080	620	700
Fuels	91.2	89.8	2,798	3,338	390	460
Farm Supplies & Repairs <sup>8</sup>	85.0	85.9	4,089	3,991	570	550
Farm Improvements & Construction <sup>9 10</sup>	47.2	53.9	4,089	3,846	570	530
Tractors and Self-Propelled Farm Machinery	14.7	13.0	3,659	4,064	510	560
Other Farm Machinery	20.0	15.9	1,650	1,742	230	240
Seeds & Plants <sup>11</sup>	43.1	42.6	2,869	3,048	400	420
Trucks & Autos	20.6	14.3	2,367	2,104	330	290

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
All Other States, Midwest Region 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	74,026	77,778	9,690	10,150
Livestock, Poultry & Related Expenses <sup>4</sup>	24.1	22.5	3,972	4,061	520	530
Feed	61.2	55.6	8,098	9,195	1,060	1,200
Farm Services <sup>5</sup>	98.4	91.0	7,181	7,586	940	990
Rent <sup>6</sup>	28.3	32.1	7,181	6,590	940	860
Agricultural Chemicals <sup>7</sup>	51.5	53.5	3,743	3,908	490	510
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	65.4	62.7	4,660	5,441	610	710
Interest	37.3	35.7	3,056	2,912	400	380
Taxes (Real Estate & Property)	100.0	100.0	3,972	3,908	520	510
Labor	24.1	20.0	6,875	8,046	900	1,050
Fuels	88.7	92.6	2,597	2,912	340	380
Farm Supplies & Repairs <sup>8</sup>	89.3	93.1	5,577	5,670	730	740
Farm Improvements & Construction <sup>9 10</sup>	53.5	53.4	4,813	4,521	630	590
Tractors and Self-Propelled Farm Machinery	19.7	12.6	2,597	3,525	340	460
Other Farm Machinery	31.6	29.0	1,910	2,222	250	290
Seeds & Plants <sup>11</sup>	55.4	56.7	5,348	5,287	700	690
Trucks & Autos	17.1	13.4	1,833	1,686	240	220

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
All Other States, Plains Region 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	83,219	94,360	12,100	13,720
Livestock, Poultry & Related Expenses <sup>4</sup>	42.2	27.7	6,878	7,497	1,000	1,090
Feed	72.8	66.9	6,396	8,322	930	1,210
Farm Services <sup>5</sup>	94.1	97.3	10,179	11,692	1,480	1,700
Rent <sup>6</sup>	40.4	41.3	9,629	9,560	1,400	1,390
Agricultural Chemicals <sup>7</sup>	51.5	55.2	4,539	4,952	660	720
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	46.8	51.1	4,883	6,121	710	890
Interest	53.0	51.9	4,814	4,883	700	710
Taxes (Real Estate & Property)	99.9	99.8	3,851	4,058	560	590
Labor	32.0	37.3	2,889	3,301	420	480
Fuels	84.3	84.6	3,851	4,539	560	660
Farm Supplies & Repairs <sup>8</sup>	82.2	81.7	5,158	6,740	750	980
Farm Improvements & Construction <sup>9 10</sup>	51.2	66.5	5,846	6,052	850	880
Tractors and Self-Propelled Farm Machinery	14.3	21.6	3,508	5,021	510	730
Other Farm Machinery	24.1	27.5	3,095	3,508	450	510
Seeds & Plants <sup>11</sup>	41.6	39.7	3,989	4,402	580	640
Trucks & Autos	32.5	25.1	3,508	3,301	510	480

See footnotes on page 67.

**Farm Production Expenditures:  
Major Input Items, Farms Reporting, Average per Farm, and Total,  
All Other States, West Region 2003-04 <sup>14</sup>**

Expenditure - Farm Share	Farms Reporting <sup>12</sup>		Average per Farm <sup>13</sup>		Total Expenditures	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Total Farm Production Expenditures <sup>2 3</sup>	100.0	100.0	114,969	111,558	20,660	19,980
Livestock, Poultry & Related Expenses <sup>4</sup>	33.1	31.2	12,298	11,949	2,210	2,140
Feed	62.1	62.0	15,637	16,080	2,810	2,880
Farm Services <sup>5</sup>	97.7	95.4	19,087	16,862	3,430	3,020
Rent <sup>6</sup>	36.0	36.1	7,457	7,370	1,340	1,320
Agricultural Chemicals <sup>7</sup>	44.4	42.0	3,116	2,903	560	520
Fertilizer, Lime & Soil Conditioners <sup>7</sup>	44.4	36.5	4,062	4,299	730	770
Interest	42.7	44.3	5,676	5,528	1,020	990
Taxes (Real Estate & Property)	99.0	96.7	2,894	2,959	520	530
Labor	37.5	34.5	13,689	13,400	2,460	2,400
Fuels	80.6	81.7	3,895	4,634	700	830
Farm Supplies & Repairs <sup>8</sup>	84.2	82.1	6,845	6,533	1,230	1,170
Farm Improvements & Construction <sup>9 10</sup>	57.5	55.6	9,349	8,096	1,680	1,450
Tractors and Self-Propelled Farm Machinery	12.4	13.8	3,172	3,741	570	670
Other Farm Machinery	16.3	19.3	1,503	1,731	270	310
Seeds & Plants <sup>11</sup>	31.9	31.1	3,673	2,792	660	500
Trucks & Autos	16.1	19.4	2,226	2,457	400	440

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Total Production Expenditures <sup>2 3</sup>		Livestock, Poultry & Related Expenses <sup>4</sup>		Feed	
	2003	2004	2003	2004	2003	2004
	<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	6,950	7,020	1,200	1,120	2,300	2,250
Other States	22,620	25,040	1,350	1,480	3,480	4,050
Total	29,570	32,060	2,550	2,600	5,780	6,300
South						
Arkansas	4,570	4,740	500	480	950	930
Florida	4,880	4,910	100	90	420	410
Georgia	3,950	4,130	320	310	1,050	1,070
Other States	9,610	9,770	680	700	1,730	1,690
Total	23,010	23,550	1,600	1,580	4,150	4,100
Midwest						
Illinois	9,090	9,430	450	420	470	500
Indiana	5,180	5,520	260	230	490	520
Iowa	12,080	13,040	1,460	1,650	1,840	1,880
Minnesota	9,330	10,090	920	1,000	1,300	1,380
Missouri	5,160	5,450	430	420	800	830
Wisconsin	5,560	6,230	260	250	780	890
Other States	9,690	10,150	520	530	1,060	1,200
Total	56,090	59,910	4,300	4,500	6,740	7,200
Plains						
Kansas	8,240	9,290	1,980	2,070	1,160	1,400
Nebraska	9,210	9,880	1,780	1,880	1,210	1,540
Texas	13,900	14,630	2,240	2,320	2,030	2,650
Other States	12,100	13,720	1,000	1,090	930	1,210
Total	43,450	47,520	7,000	7,360	5,330	6,800
West						
California	22,740	22,460	580	570	2,240	2,290
Washington	4,980	5,220	260	250	450	430
Other States	20,660	19,980	2,210	2,140	2,810	2,880
Total	48,380	47,660	3,050	2,960	5,500	5,600
United States	200,500	210,700	18,500	19,000	27,500	30,000

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items, Percent of Total,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Total Production Expenditures <sup>2 3</sup>		Livestock, Poultry & Related Expenses <sup>4</sup>		Feed	
	2003	2004	2003	2004	2003	2004
	<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	17.3	16.0	33.1	32.1
Other States	100.0	100.0	6.0	5.9	15.4	16.2
Total	100.0	100.0	8.6	8.1	19.5	19.7
South						
Arkansas	100.0	100.0	10.9	10.1	20.8	19.6
Florida	100.0	100.0	2.0	1.8	8.6	8.4
Georgia	100.0	100.0	8.1	7.5	26.6	25.9
Other States	100.0	100.0	7.1	7.2	18.0	17.3
Total	100.0	100.0	7.0	6.7	18.0	17.4
Midwest						
Illinois	100.0	100.0	5.0	4.5	5.2	5.3
Indiana	100.0	100.0	5.0	4.2	9.5	9.4
Iowa	100.0	100.0	12.1	12.7	15.2	14.4
Minnesota	100.0	100.0	9.9	9.9	13.9	13.7
Missouri	100.0	100.0	8.3	7.7	15.5	15.2
Wisconsin	100.0	100.0	4.7	4.0	14.0	14.3
Other States	100.0	100.0	5.4	5.2	10.9	11.8
Total	100.0	100.0	7.7	7.5	12.0	12.0
Plains						
Kansas	100.0	100.0	24.0	22.3	14.1	15.1
Nebraska	100.0	100.0	19.3	19.0	13.1	15.6
Texas	100.0	100.0	16.1	15.9	14.6	18.1
Other States	100.0	100.0	8.3	7.9	7.7	8.8
Total	100.0	100.0	16.1	15.5	12.3	14.3
West						
California	100.0	100.0	2.6	2.5	9.9	10.2
Washington	100.0	100.0	5.2	4.8	9.0	8.2
Other States	100.0	100.0	10.7	10.7	13.6	14.4
Total	100.0	100.0	6.3	6.2	11.4	11.7
United States	100.0	100.0	9.2	9.0	13.7	14.2

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Farm Services <sup>5</sup>		Rent <sup>6</sup>		Agricultural Chemicals <sup>7</sup>	
	2003	2004	2003	2004	2003	2004
	<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	820	750	220	230	220	230
Other States	2,810	2,910	790	800	590	630
Total	3,630	3,660	1,010	1,030	810	860
South						
Arkansas	540	530	340	380	260	280
Florida	820	810	60	80	290	300
Georgia	480	500	130	130	190	220
Other States	1,400	1,430	550	550	540	610
Total	3,240	3,270	1,080	1,140	1,280	1,410
Midwest						
Illinois	890	900	1,880	1,890	680	670
Indiana	460	480	850	860	330	320
Iowa	1,220	1,210	1,800	1,860	590	570
Minnesota	1,140	1,060	870	940	440	430
Missouri	540	550	480	510	200	210
Wisconsin	800	860	280	300	180	190
Other States	940	990	940	860	490	510
Total	5,990	6,050	7,100	7,220	2,910	2,900
Plains						
Kansas	810	860	870	810	260	250
Nebraska	920	890	1,220	1,200	340	330
Texas	2,000	1,790	680	710	370	380
Other States	1,480	1,700	1,400	1,390	660	720
Total	5,210	5,240	4,170	4,110	1,630	1,680
West						
California	4,500	4,150	1,430	1,290	980	910
Washington	900	910	270	290	230	220
Other States	3,430	3,020	1,340	1,320	560	520
Total	8,830	8,080	3,040	2,900	1,770	1,650
United States	26,900	26,300	16,400	16,400	8,400	8,500

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items, Percent of Total,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Farm Services <sup>5</sup>		Rent <sup>6</sup>		Agricultural Chemicals <sup>7</sup>	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic						
North Carolina	11.8	10.7	3.2	3.3	3.2	3.3
Other States	12.4	11.6	3.5	3.2	2.6	2.5
Total	12.3	11.4	3.4	3.2	2.7	2.7
South						
Arkansas	11.8	11.2	7.4	8.0	5.7	5.9
Florida	16.8	16.5	1.2	1.6	5.9	6.1
Georgia	12.2	12.1	3.3	3.1	4.8	5.3
Other States	14.6	14.6	5.7	5.6	5.6	6.2
Total	14.1	13.9	4.7	4.8	5.6	6.0
Midwest						
Illinois	9.8	9.5	20.7	20.0	7.5	7.1
Indiana	8.9	8.7	16.4	15.6	6.4	5.8
Iowa	10.1	9.1	14.9	14.3	4.9	4.4
Minnesota	12.2	10.5	9.3	9.3	4.7	4.3
Missouri	10.5	10.1	9.3	9.4	3.9	3.9
Wisconsin	14.4	13.8	5.0	4.8	3.2	3.0
Other States	9.7	9.8	9.7	8.5	5.1	5.0
Total	10.7	10.1	12.7	12.1	5.2	4.8
Plains						
Kansas	9.8	9.3	10.6	8.7	3.2	2.7
Nebraska	10.0	9.0	13.2	12.1	3.7	3.3
Texas	14.4	12.2	4.9	4.9	2.7	2.6
Other States	12.2	12.4	11.6	10.1	5.5	5.2
Total	12.0	11.0	9.6	8.6	3.8	3.5
West						
California	19.8	18.5	6.3	5.7	4.3	4.1
Washington	18.1	17.4	5.4	5.6	4.6	4.2
Other States	16.6	15.1	6.5	6.6	2.7	2.6
Total	18.3	17.0	6.3	6.1	3.7	3.5
United States	13.4	12.5	8.2	7.8	4.2	4.0

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Fertilizer Lime & Soil Conditioners <sup>7</sup>		Interest		Taxes (Real Estate & Property)	
	2003	2004	2003	2004	2003	2004
	<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	250	260	160	140	110	120
Other States	840	910	1,050	960	840	880
Total	1,090	1,170	1,210	1,100	950	1,000
South						
Arkansas	220	240	190	200	70	80
Florida	310	330	150	120	130	140
Georgia	190	220	170	170	110	110
Other States	480	550	400	290	170	190
Total	1,200	1,340	910	780	480	520
Midwest						
Illinois	790	900	450	440	530	480
Indiana	470	580	270	310	230	260
Iowa	720	840	630	670	450	480
Minnesota	550	640	530	520	260	270
Missouri	370	450	270	260	210	220
Wisconsin	260	320	330	350	290	280
Other States	610	710	400	380	520	510
Total	3,770	4,440	2,880	2,930	2,490	2,500
Plains						
Kansas	420	500	300	350	210	230
Nebraska	480	550	500	470	350	350
Texas	580	610	600	540	520	510
Other States	710	890	700	710	560	590
Total	2,190	2,550	2,100	2,070	1,640	1,680
West						
California	800	870	970	830	560	600
Washington	220	260	210	200	160	170
Other States	730	770	1,020	990	520	530
Total	1,750	1,900	2,200	2,020	1,240	1,300
United States	10,000	11,400	9,300	8,900	6,800	7,000

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items, Percent of Total,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Fertilizer Lime & Soil Conditioners <sup>7</sup>		Interest		Taxes (Real Estate & Property)	
	2003	2004	2003	2004	2003	2004
	<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	2.3	2.0	1.6	1.7
Other States	3.7	3.6	4.6	3.8	3.7	3.5
Total	3.7	3.6	4.1	3.4	3.2	3.1
South						
Arkansas	4.8	5.1	4.2	4.2	1.5	1.7
Florida	6.4	6.7	3.1	2.4	2.7	2.9
Georgia	4.8	5.3	4.3	4.1	2.8	2.7
Other States	5.0	5.6	4.2	3.0	1.8	1.9
Total	5.2	5.7	4.0	3.3	2.1	2.2
Midwest						
Illinois	8.7	9.5	5.0	4.7	5.8	5.1
Indiana	9.1	10.5	5.2	5.6	4.4	4.7
Iowa	6.0	6.5	5.2	5.1	3.7	3.7
Minnesota	5.9	6.3	5.7	5.2	2.8	2.7
Missouri	7.2	8.3	5.2	4.8	4.1	4.0
Wisconsin	4.7	5.1	5.9	5.6	5.2	4.5
Other States	6.3	7.0	4.1	3.7	5.4	5.0
Total	6.7	7.4	5.1	4.9	4.4	4.2
Plains						
Kansas	5.1	5.4	3.6	3.8	2.5	2.5
Nebraska	5.2	5.6	5.4	4.8	3.8	3.5
Texas	4.2	4.2	4.3	3.7	3.7	3.5
Other States	5.9	6.5	5.8	5.2	4.6	4.3
Total	5.0	5.4	4.8	4.4	3.8	3.5
West						
California	3.5	3.9	4.3	3.7	2.5	2.7
Washington	4.4	5.0	4.2	3.8	3.2	3.3
Other States	3.5	3.9	4.9	5.0	2.5	2.7
Total	3.6	4.0	4.5	4.2	2.6	2.7
United States	5.0	5.4	4.6	4.2	3.4	3.3

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Labor		Fuels		Farm Supplies & Repairs <sup>8</sup>	
	2003	2004	2003	2004	2003	2004
	<i>Million Dollars</i>	<i>Million Dollars</i>				
Atlantic						
North Carolina	600	640	210	270	210	240
Other States	2,970	3,040	710	900	1,540	1,910
Total	3,570	3,680	920	1,170	1,750	2,150
South						
Arkansas	290	310	180	210	190	200
Florida	1,440	1,490	140	150	200	190
Georgia	320	350	140	160	170	160
Other States	620	700	390	460	570	550
Total	2,670	2,850	850	980	1,130	1,100
Midwest						
Illinois	430	460	280	320	440	460
Indiana	290	330	170	180	250	260
Iowa	440	460	320	400	480	490
Minnesota	500	560	310	450	540	550
Missouri	260	240	180	200	290	300
Wisconsin	640	700	180	230	390	420
Other States	900	1,050	340	380	730	740
Total	3,460	3,800	1,780	2,160	3,120	3,220
Plains						
Kansas	350	440	350	470	380	490
Nebraska	410	440	350	380	400	430
Texas	950	1,040	520	570	700	680
Other States	420	480	560	660	750	980
Total	2,130	2,400	1,780	2,080	2,230	2,580
West						
California	6,350	6,670	540	620	1,300	1,120
Washington	1,160	1,200	130	160	240	260
Other States	2,460	2,400	700	830	1,230	1,170
Total	9,970	10,270	1,370	1,610	2,770	2,550
United States	21,800	23,000	6,700	8,000	11,000	11,600

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items, Percent of Total,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Labor		Fuels		Farm Supplies & Repairs <sup>8</sup>	
	2003	2004	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic						
North Carolina	8.6	9.1	3.0	3.8	3.0	3.4
Other States	13.1	12.1	3.1	3.6	6.8	7.6
Total	12.1	11.5	3.1	3.6	5.9	6.7
South						
Arkansas	6.3	6.5	3.9	4.4	4.2	4.2
Florida	29.5	30.3	2.9	3.1	4.1	3.9
Georgia	8.1	8.5	3.5	3.9	4.3	3.9
Other States	6.5	7.2	4.1	4.7	5.9	5.6
Total	11.6	12.1	3.7	4.2	4.9	4.7
Midwest						
Illinois	4.7	4.9	3.1	3.4	4.8	4.9
Indiana	5.6	6.0	3.3	3.3	4.8	4.7
Iowa	3.6	3.5	2.6	3.1	4.0	3.8
Minnesota	5.4	5.6	3.3	4.5	5.8	5.5
Missouri	5.0	4.4	3.5	3.7	5.6	5.5
Wisconsin	11.5	11.2	3.2	3.7	7.0	6.7
Other States	9.3	10.3	3.5	3.7	7.5	7.3
Total	6.2	6.3	3.2	3.6	5.6	5.4
Plains						
Kansas	4.2	4.7	4.2	5.1	4.6	5.3
Nebraska	4.5	4.5	3.8	3.8	4.3	4.4
Texas	6.8	7.1	3.7	3.9	5.0	4.6
Other States	3.5	3.5	4.6	4.8	6.2	7.1
Total	4.9	5.1	4.1	4.4	5.1	5.4
West						
California	27.9	29.7	2.4	2.8	5.7	5.0
Washington	23.3	23.0	2.6	3.1	4.8	5.0
Other States	11.9	12.0	3.4	4.2	6.0	5.9
Total	20.6	21.5	2.8	3.4	5.7	5.4
United States	10.9	10.9	3.3	3.8	5.5	5.5

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Farm Improvements & Construction <sup>9 10</sup>		Tractors & Self Propelled Farm Machinery	
	2003	2004	2003	2004
	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>	<i>Million Dollars</i>
Atlantic				
North Carolina	170	230	140	170
Other States	2,080	2,640	1,110	1,330
Total	2,250	2,870	1,250	1,500
South				
Arkansas	210	220	220	260
Florida	200	200	80	90
Georgia	180	190	200	230
Other States	570	530	510	560
Total	1,160	1,140	1,010	1,140
Midwest				
Illinois	370	390	310	420
Indiana	330	340	180	190
Iowa	550	650	410	590
Minnesota	540	560	390	530
Missouri	330	320	250	360
Wisconsin	440	550	180	250
Other States	630	590	340	460
Total	3,190	3,400	2,060	2,800
Plains				
Kansas	300	360	270	340
Nebraska	310	320	210	280
Texas	910	950	670	730
Other States	850	880	510	730
Total	2,370	2,510	1,660	2,080
West				
California	910	920	270	310
Washington	240	310	180	200
Other States	1,680	1,450	570	670
Total	2,830	2,680	1,020	1,180
United States	11,800	12,600	7,000	8,700

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items, Percent of Total,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Farm Improvements & Construction <sup>9 10</sup>		Tractors & Self Propelled Farm Machinery	
	2003	2004	2003	2004
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Atlantic				
North Carolina	2.4	2.4	2.0	2.4
Other States	9.2	9.2	4.9	5.3
Total	7.6	7.6	4.2	4.7
South				
Arkansas	4.6	4.6	4.8	5.5
Florida	4.1	4.1	1.6	1.8
Georgia	4.6	4.6	5.1	5.6
Other States	5.9	5.9	5.3	5.7
Total	5.0	5.0	4.4	4.8
Midwest				
Illinois	4.1	4.1	3.4	4.5
Indiana	6.4	6.4	3.5	3.4
Iowa	4.6	4.6	3.4	4.5
Minnesota	5.8	5.8	4.2	5.3
Missouri	6.4	6.4	4.8	6.6
Wisconsin	7.9	7.9	3.2	4.0
Other States	6.5	6.5	3.5	4.5
Total	5.7	5.7	3.7	4.7
Plains				
Kansas	3.6	3.6	3.3	3.7
Nebraska	3.4	3.4	2.3	2.8
Texas	6.5	6.5	4.8	5.0
Other States	7.0	7.0	4.2	5.3
Total	5.5	5.5	3.8	4.4
West				
California	4.0	4.0	1.2	1.4
Washington	4.8	4.8	3.6	3.8
Other States	8.1	8.1	2.8	3.4
Total	5.8	5.8	2.1	2.5
United States	5.9	5.9	3.5	4.1

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Other Farm Machinery		Seeds & Plants <sup>11</sup>		Trucks & Autos	
	2003	2004	2003	2004	2003	2004
	<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	50	60	180	190	80	90
Other States	670	650	1,140	1,040	580	770
Total	720	710	1,320	1,230	660	860
South						
Arkansas	90	80	170	180	130	140
Florida	40	40	370	360	100	80
Georgia	60	70	140	150	90	80
Other States	230	240	400	420	330	290
Total	420	430	1,080	1,110	650	590
Midwest						
Illinois	190	220	720	750	200	200
Indiana	120	130	380	410	90	100
Iowa	230	280	740	790	180	190
Minnesota	250	270	600	660	150	180
Missouri	150	190	260	260	130	120
Wisconsin	160	200	260	280	120	150
Other States	250	290	700	690	240	220
Total	1,350	1,580	3,660	3,840	1,110	1,160
Plains						
Kansas	150	170	260	280	160	260
Nebraska	160	180	420	440	140	180
Texas	220	240	360	380	530	490
Other States	450	510	580	640	510	480
Total	980	1,100	1,620	1,740	1,340	1,410
West						
California	110	110	870	880	270	260
Washington	50	60	190	200	70	80
Other States	270	310	660	500	400	440
Total	430	480	1,720	1,580	740	780
United States	3,900	4,300	9,400	9,500	4,500	4,800

See footnotes on page 67.

**Farm Production Expenditures:  
Total, Major Input Items, Percent of Total,  
by Geographical Location, United States, 2003-04 <sup>1</sup>**

State and Region <sup>14</sup>	Other Farm Machinery		Seeds & Plants <sup>11</sup>		Trucks & Autos	
	2003	2004	2003	2004	2003	2004
	<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	0.7	0.9	2.6	2.7	1.2	1.3
Other States	3.0	2.6	5.0	4.2	2.6	3.1
Total	2.4	2.2	4.5	3.8	2.2	2.7
South						
Arkansas	2.0	1.7	3.7	3.8	2.8	3.0
Florida	0.8	0.8	7.6	7.3	2.0	1.6
Georgia	1.5	1.7	3.5	3.6	2.3	1.9
Other States	2.4	2.5	4.2	4.3	3.4	3.0
Total	1.8	1.8	4.7	4.7	2.8	2.5
Midwest						
Illinois	2.1	2.3	7.9	8.0	2.2	2.1
Indiana	2.3	2.4	7.3	7.4	1.7	1.8
Iowa	1.9	2.2	6.1	6.1	1.5	1.5
Minnesota	2.7	2.7	6.4	6.5	1.6	1.8
Missouri	2.9	3.5	5.0	4.8	2.5	2.2
Wisconsin	2.9	3.2	4.7	4.5	2.2	2.4
Other States	2.6	2.9	7.2	6.8	2.5	2.2
Total	2.4	2.6	6.5	6.4	2.0	1.9
Plains						
Kansas	1.8	1.8	3.2	3.0	1.9	2.8
Nebraska	1.7	1.8	4.6	4.5	1.5	1.8
Texas	1.6	1.6	2.6	2.6	3.8	3.3
Other States	3.7	3.7	4.8	4.7	4.2	3.5
Total	2.3	2.3	3.7	3.7	3.1	3.0
West						
California	0.5	0.5	3.8	3.9	1.2	1.2
Washington	1.0	1.1	3.8	3.8	1.4	1.5
Other States	1.3	1.6	3.2	2.5	1.9	2.2
Total	0.9	1.0	3.6	3.3	1.5	1.6
United States	1.9	2.0	4.7	4.5	2.2	2.3

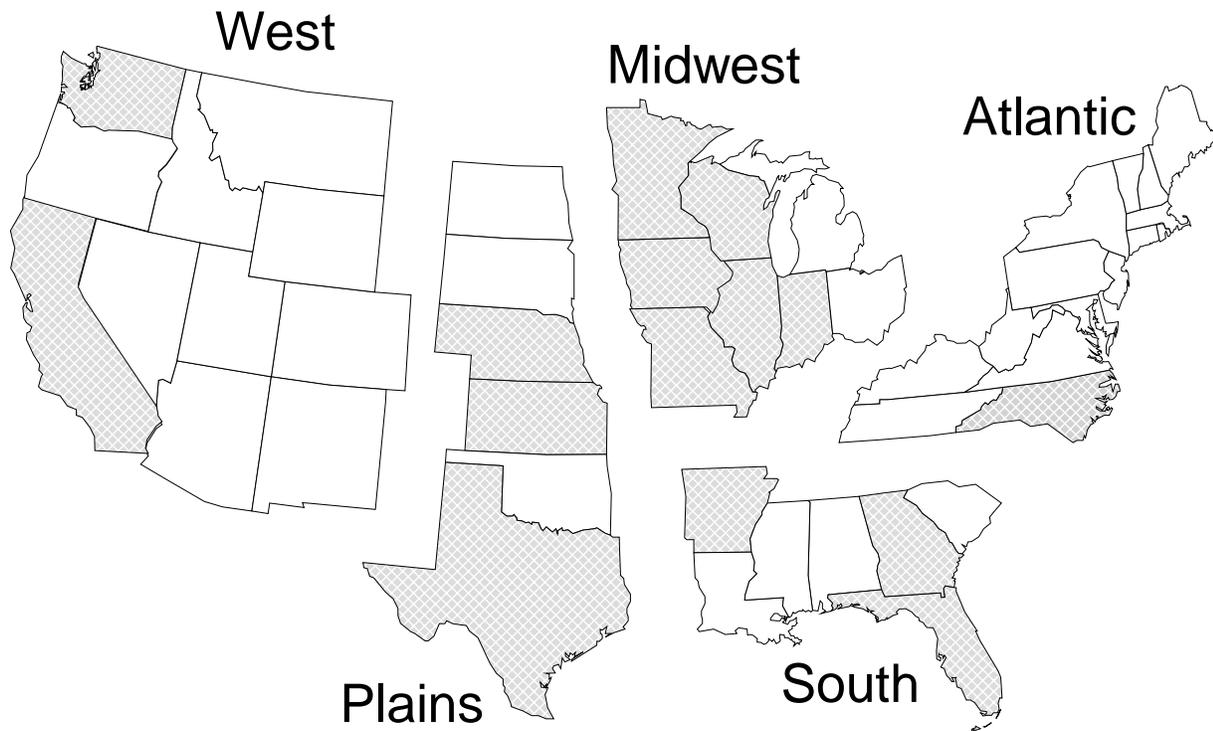
See footnotes on page 67.

## Footnotes

- <sup>1</sup> Excludes AK and HI.
- <sup>2</sup> 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.
- <sup>3</sup> Includes landlord and contractor share of farm production expenses.
- <sup>4</sup> Includes purchases and leasing of livestock and poultry.
- <sup>5</sup> Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities.
- <sup>6</sup> Includes public and private grazing fees.
- <sup>7</sup> Includes material and application costs.
- <sup>8</sup> 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.
- <sup>9</sup> 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.
- <sup>10</sup> Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003.
- <sup>11</sup> Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.
- <sup>12</sup> Number of farms reporting item divided by total number of farms.
- <sup>13</sup> Total expenditures divided by total number of farms.
- <sup>14</sup> Regions consist of the following States:
  - 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)

Note: The 15 Leading Cash Receipts States are bold faced above. Data for the remaining States are combined to form the Other States total for each region.

# 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) 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. level and other geographic, size, and type of farm levels. Currently estimates are published based on survey indications and other check data for major groupings of farm production expenses for the U.S., 5 Farm Production Regions, 7 U.S. Economic Sales Classes, U.S. Crop and Livestock Farms, and the 15 Leading Cash Receipts States. Previous year's data are subject to revision as additional survey indications and check data become available.

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 which included changes in the structure of components estimated and subsequently, the relative weights used in the construction of the indexes. Changes were made in an effort to simplify updating component items and also to establish more appropriate weights for the series. In a combined effort to facilitate this process, changes were made in component items estimated in this publication. The changes include: 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 along with Farm and Land Improvements were combined into one category called Farm Improvements and Construction. Estimates for these levels were revised back to 1990 at the U.S. level to provide a more useful series for data users.

In 1996, the Agricultural Resource Management Study (ARMS) was developed by combining the previous Farm Costs and Returns Survey (FCRS) and the Cropping Practice Survey (CPS). The initiative to combine these surveys came from a growing interest in tying the resources used in agricultural production and the farm financial information to the relationships between various production practices and farm financial conditions; and the need to improve the efficiency of data collection by combining identical information collected in both the FCRS and the CPS into one survey. Because of the variety of issues needing to be addressed with ARMS, it was designed with a flexible structure that allowed different questionnaire versions to focus more specifically on topics of interest. The ARMS is conducted in three phases. Survey phases one and two screen for farms with specific commodities of interest and collect agricultural production, resource use, and cost of production information. The third phase of the survey collects farm production expenditure data similar to the earlier FCRS.

In 2002, the U.S. Economic 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 have been updated using the new Economic Classes to provide an historical reference. The new 7 U.S. Economic Classes are as follows: Gross Value of Sales, \$1,000,000 and Over; Gross Value of Sales, \$500,000 - \$999,999; Gross Value of Sales, \$250,000 - \$499,999; Gross Value of Sales, \$100,000 - \$249,999; Gross Value of Sales, \$50,000 - \$99,999; Gross Value of Sales, \$10,000 - \$49,999; Gross Value of Sales, Less Than \$10,000. The 5 U.S. Economic Classes used in previous reports were as follows: Gross Value of Sales, \$250,000 and Over; Gross Value of Sales, \$100,000 - \$249,999; Gross Value of Sales, \$40,000 - \$99,999; Gross Value of Sales, \$10,000 - \$39,999; Gross Value of Sales, Less Than \$10,000.

In 2003, the farm improvement and construction expenditure items changed to include expenses for the operator's dwelling (if the dwelling is owned by the operation). The operator's dwelling is considered to be a part of the operation if any of the following statements are true: it is recorded as an asset in farm record books; can be used as security or collateral for a farm loan; and can be deeded as part of the farm.

In 2003, fuels expense sub-components were published for the first time for the different domains that are estimated. Significant variations in energy prices over the last 4 years have made energy usage an important issue for all consumers.

In 2003, the method used for adjusting survey data for under coverage was updated to include multiple calibration targets, in addition to the single calibration target method that was used exclusively in past years. In past years, the survey data were adjusted based exclusively on the under coverage of the total number of farms. These particular indications are called the Direct Expansion (DE). Survey data for calendar years 2003 and 2004 were adjusted based on the under coverage for many calibration targets. These particular indications are called the Direct Expansion Calibrated (DEC). Subsequently, estimates for calendar years 2003 and 2004 were based on both the DE and DEC indications. The calibration targets used to generate the DEC indications are as follows: 1) Harvested acreage for corn, 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 noncitrus fruits and nuts. 5) Broiler & turkey inventories and the number of eggs produced in dozens. 6) Cattle and hog & pigs inventories. 7) Milk production. 8) Total number of farms.

In 2004, the Farm Production Regions were changed from 10 to 5 regions. This change was made to improve the overall quality of regional estimates and allow NASS to publish State level expenditure estimates without disclosing data for unpublished states. These new regions were formed by combining 2 of the previous farm production regions. The new 5 Farm Production Regions are as follows: Atlantic; South; Midwest; Plains; and the West (see the footnotes and map on pages 67 and 68, respectively, for additional information about the regions). The Farm Production Regions used in previous reports are as follows: Northeast; Lake States; Corn Belt; Northern Plains; Appalachian; Southeast; Delta; Southern Plains; Mountain. The Atlantic Region was formed by combining the old Northeast and Appalachian Regions. The South Region was formed by combining the old South and Delta Regions. The Midwest Region was formed by combining the old Lake States and Corn Belt Regions. The Plains Region was formed by combining the old Southern and Northern Plains Regions. The West Region was formed by combining the old Mountain and Pacific Regions. Also, regional estimates for the calendar years 2000 - 2002 were updated to provide an historical reference.

In 2004, Expenditure estimates were published for the 15 Leading Cash Receipts States for agricultural sales (based on the 2002 cash receipt totals from the United States Department of Agriculture) to provide data users with a more in-depth look at expenditure data. 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. The 15 Leading Cash Receipts States are as follows: AR, CA, FL, GA, IL, IN, IA, KS, MN, MO, NE, NC, TX, WA, WI (See the footnotes and map on pages 67 and 68, respectively, for additional information about these states). These states were chosen not only because of their importance to cash receipts, but also because of their significance to total farm production expenditures.

**Survey Procedures:** The farm production expenditure data contained in this publication are the result of a sample survey of approximately 34,200 farms and ranches contacted January through April of 2005 in all States except Alaska and Hawaii. The Agricultural Resource Management Survey covers the population of farms in the 48 contiguous States defined as "all establishments which sold or would normally have sold at least \$1,000 of agricultural products during the previous year." These establishments include not only traditional agricultural operations such as grain farms and ranching operations, but also specialty farms such as orchards, nurseries, and those producing fish in captivity.

The Agricultural Resource Management Survey 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 smaller 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 occurs prior to the Agricultural Resource Management Survey period to ensure consistent and proper execution of survey procedures in farm determination, data collection, and editing of detailed expense and income data.

Field and office staff edit data using hand and machine edit procedures. Questionnaires are reviewed for consistency, data relationships, and completeness. Past analysis has shown approximately half of the edits simply correct for data misplacement errors. 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 statisticians are allowed to enter a (-1) to indicate a missing value and an algorithm within the edit will impute the missing value based on similar size and type of operations. The computer generated imputation has not been implemented for all expenditure data because NASS analysis has shown there are significantly fewer missing data cells on expenses than on income. Missing values for expense items, where no data are reported, are edited to a positive value based on other reported values from similar operations by the survey statistician.

**Data Comparability:** This publication includes estimates for 2003 and 2004 farm production expenditures for the U.S., 5 Farm Production Expenditure Regions, 7 Economic Sales Classes, Crop and Livestock Farms, and the 15 Leading Cash Receipts States. Total expenditures and expenses for major input items at the U.S. level are provided back through 1999 to provide data users a comparable data series. Expenditures for the 7 Economic Sales Classes are available for 2001 - 2004 survey years. Expenditures for the 15 Leading Cash Receipts States are available for 2003 - 2004 survey years. Fuels expenditure sub-components were published for the first time in 2003.

Some of the expenditure estimates published in this report will differ from production expense estimates published in the Economic Research Service's "Farm Business Economics Report." The Economic Research Service (ERS), the agency responsible for estimates of farm income, treats agriculture as a sector in the U.S. economy while the National Agricultural Statistics Service 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 by both agencies (NASS and ERS) with the estimates established by a joint national board. This would include production inputs such as feed, seed, fertilizer, chemicals, and labor. There is a major difference in accounting between NASS and ERS for reporting capital expenditures. NASS considers capital expenditures such as purchases of vehicles and construction of buildings as a cash outlay for the farming operation while ERS recognizes the contribution of the expenditure as a depreciable asset to the farm sector. NASS interest expense includes the reported farm share of the household and excludes landlord interest expenditures. ERS excludes the nonfarm share of interest expense but includes landlord interest expense. An additional difference in methodology exists for livestock & poultry expenditures. ERS does not include farm to farm sales of livestock as this would not be a cost to the sector account -- only an expense to the farm making the purchase and income to the farm making the sale.

**Data Reliability:** Two types of errors, sampling and nonsampling, 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 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 times the sampling error. The sampling error expressed as a percent of the estimate is called the relative sampling error.

For 2004 total expenditures, the relative sampling errors for the Direct Expansion (DE) indications were as follows for the different domains estimated: at the U.S. level 1.9 percent; 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 2003 total expenditures, the relative sampling errors for the DE indications were as follows for the different domains estimated: at the U.S. level 2.0 percent; from 1.7 to 5.7 percent at the Regional level; from 2.9 to 5.8 percent at the U.S. Economic Sales Class level; 2.6 percent for Crop Farms; 3.3 percent for Livestock Farms; and from 3.4 to 18.0 percent for the 15 Leading Cash Receipt States. The relative sampling errors for major expense items at the U.S. level typically range from 3.3 to 10.5 percent.

For 2004 total expenditures, the relative sampling errors for the Direct Expansion Calibrated (DEC) indications were as follows for the different domains estimated: at the U.S. level 2.3 percent; 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 2003 total expenditures, the relative sampling errors for the DEC indications were as follows for the different domains estimated: at the U.S. level 2.4 percent; from 2.1 to 7.8 percent at the Regional level; from 2.9 to 6.8 percent at the U.S. Economic Sales Class level; 3.7 percent for Crop Farms; 3.5 percent for Livestock Farms; and from 2.1 to 21.8 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. 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.

Released July 15, 2005, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on *Farm Production Expenditures 2004 Summary* call Richard Barton or Scott Cox at 202-690-1052 or 202-690-3347, office hours 7:30 a.m. to 4:00 p.m. ET.

The next *Farm Production Expenditures 2005 Summary* report will be released in July 2006.

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