



New England Agricultural Statistics Service

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Ag Review August 2004

Volume 23, Number 8

August 27, 2004

A special "THANK YOU" goes to New England producers and agri-businesses who have helped us by completing surveys via mail, telephone or personal interviews. This issue contains the results of monthly and quarterly surveys including the July 2002 Agricultural Labor Survey.

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TOBACCO: The August 1, 2004 tobacco forecast placed **broadleaf** production at 4.3 million pounds in the Connecticut River Valley. Improved yields would place 2004 production 27 percent above last year's disease-reduced output and, if realized, would be the largest crop produced in the two States since 1959. Cooler than normal temperatures this season delayed ripening, and as of late July, harvest was one to two weeks behind schedule. Broadleaf yields were expected to average 1,831 pounds per acre in the two States according to early August assessments. As of August 1, producers intend to harvest 1.8 million pounds of **shade** tobacco in Connecticut and Massachusetts, an increase of 33 percent from a year earlier due to increased acreage and improved yield expectations.

APPLES: The 2004 New England apple crop is expected to total 4.1 million bushels (42-pound units), three percent below the 2003 crop. A wet spring resulted in apple scab in some areas. Some operators reported deer problems, hail damage, light winter kill and poor pollination due to a lack of bee activity. Rhode Island's 2004 estimated production is unchanged from a year ago, while Connecticut, Massachusetts, and Vermont output is expected to be lower than 2003. The New England fruit set was reported moderate and size of fruit ranged medium to large according to early August assessments.

PEARS: A warm start to the season was favorable for Connecticut pear development with full bloom reported by mid-May. Set was reported as average overall with fruit size medium. Connecticut's 2004 production is expected to total 1,000 tons, 300 tons below 2003 final total production, but comparable to previous years where frost was not a factor.

CRANBERRIES - 2004 FORECAST: The **United States** forecast for the 2004 cranberry crop is 6.58 million barrels, up six percent from 2003 and 16 percent above 2002. Production is expected to increase in Massachusetts and Oregon, remain the same in New Jersey, and decrease in Washington and Wisconsin. The cranberry industry has not had a restrictive marketing order in effect since the 2001 growing season. Under that order, growers could only sell 65 percent of their historic average sales to the processors. These restrictions applied to all five of the major cranberry producing States. The lack of marketing restrictions in 2002, 2003, and 2004 led some growers to increase acreage.

The **Massachusetts** cranberry crop, set at 1.8 million barrels, is up 28 percent from 2003, and 24 percent above 2002. Although the cold winter injured some vines, growers' response to the survey indicated an average-to-heavy bloom, above average set, and average size. Good to excellent weather conditions in the late spring and early summer aided pollination and growing conditions. By the first week of August, rainfall was below normal which forced many growers to irrigate their bogs.

WILD BLUEBERRIES: Maine's 2004 wild (lowbush) blueberry crop is expected to total 52.0 million pounds, based on grower reported conditions of the crop through mid-July. This forecast places total production 35 percent below last year's output of 80.4 million pounds, and 17 percent below 2002 final production.

Growers reported that crop prospects were below average this year due to a number of factors. Extreme cold temperatures and inadequate snow cover led to significant winter kill on the 2004 wild blueberry crop. Cool and rainy weather during the spring of 2004 caused poor, spotty pollination in many areas. Mummy berry was prevalent for the third consecutive year. Growers reported fungicides had limited effect in combating the disease. Rains during July increased berry size and improved plant strength in some locations.

FARM PRODUCTION EXPENDITURES: United States farm production expenditures totaled \$198.9 billion in 2003, up 3.0 percent from the revised 2002 total of \$193.1 billion. The largest contributors to the increase were farm improvements and construction, up 43.8 percent; feed, up 8.4 percent;

trucks and autos, up 7.1 percent; and other farm machinery, up 5.4 percent. These increases were partially offset by decreases in interest, down 11.4 percent; farm supplies and repairs, down 9.8 percent; and labor, down 1.4 percent. The largest two expenditure categories were feed, which accounted for 13.6 percent of the United States total production expenses, and farm services which accounted for 13.5 percent of the United States 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 United States farm in 2003 were \$93,785, compared to \$89,722 as revised for 2002. On the average, United States' farm operations in 2003 spent \$12,731 on feed; \$12,637 on farm services; \$9,996 on labor; \$8,959 on livestock and poultry purchases; and \$7,733 on rent. Revised estimates for 2002 indicated United States' farms spent an average of \$11,570 on feed; \$12,452 on farm services; \$9,990 on labor; \$8,503 on livestock and poultry purchases; and \$7,527 on rent.

The Northeast Farm Production Region (New England, New York, New Jersey, Pennsylvania, Maryland, and Delaware) contributed \$12.8 billion or 6.4 percent of the 2003 United States' total for farm production expenditures. Regions that contributed most to the total 2003 United States farm production expenditures were the Corn Belt (Illinois, Indiana, Iowa, Missouri, and Ohio) at \$35.8 billion, followed by the Pacific Region (California, Oregon, and Washington) at \$32.3 billion, Northern Plains (Kansas, Nebraska, North Dakota, and South Dakota) at \$26.1 billion, Lake States (Michigan, Minnesota, and Wisconsin) at \$19.3 billion, and the Southern Plains (Oklahoma and Texas) at \$17.2 billion.

AGRICULTURAL LAND VALUE: The January 1, 2004 New England farm real estate value, including land and buildings, averaged \$4,019 per acre, up six percent from the previous year. Every State in the region showed an average value per acre increase from 2003 to 2004. Connecticut and Rhode Island farm real estate averaged \$10,200 per acre. New England's cropland values rose six percent above a year earlier to \$6,250 per acre. Pasture land averaged \$4,070 per acre in a regional comparison which included Delaware, an increase of five percent from 2003 value.

FARM LABOR: During the survey week of July 11-17, 2004, there were 43,000 hired workers on farms in the Northeast, a 19 percent decrease from one year ago when there were 53,000 hired workers. There were 953,000 hired workers on the Nation's farms during the July survey week, compared with 943,000 hired workers the previous year. Hired workers in the Northeast region earned an average hourly wage of \$9.72 during the survey week in July 2004, up 18 cents from July 2003. Across the United States, hired workers were paid an average \$9.10 per hour during the survey week and worked an average of 39.3 hours. Quarterly farm labor statistics for the Northeast region consist of the six New England States and New York.

MILK: Milk production in Vermont totaled 221 million pounds in July 2004, down less than one percent from July 2003. Total milk cows in Vermont was 145,000 head in July 2004, up 1,000 head from the previous month but down 3,000 head from the previous year. Milk Production per cow averaged 1,525 pounds in July, an increase of 20 pounds per cow from July 2003.

LAYERS AND EGG PRODUCTION: July 2004 inventories for Connecticut and Maine totaled 5.6 million **layers**, down 21 percent from their combined total in July 2003. Maine continues to be the leading producer of eggs in New England, producing a total of 70 million eggs from all layers in July 2004. Connecticut produced 68 million eggs during the month, making it the second largest egg producer in the six-State region.

TURKEYS: The forecast for **turkeys raised** in four New England States (Connecticut, Massachusetts, New Hampshire, and Vermont) during 2004 was 133,000 birds, a reduction of 2,000 birds from the total number raised in 2003. Massachusetts and Vermont are expected to contribute over 90 percent of the total birds raised in the four-State region.

The preliminary estimate of turkeys raised in the **United States** during 2004 is 263 million, down four percent from the number raised a year earlier. Six States (Minnesota, North Carolina, Arkansas, Missouri, Virginia, and California) are expected to account for about two-thirds of the turkeys produced in the United States during 2004.

This is a monthly summary of New England agricultural statistics taken from nationwide reports issued by USDA's National Agricultural Statistics Service.

All National reports and State newsletters are available on the Internet at: <http://www.usda.gov/nass/>.

National Reports can be ordered by calling 1-800-999-6779.

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TOBACCO: Acreage, Yield and Production, 2002 - 2004

Crop and State	Area Harvested			Yield per Acre			Production		
	2002	2003	2004 Forecast as of August 1	2002	2003	2004 Forecast as of August 1	2002	2003	2004 Forecast as of August 1
Tobacco	Acres			Pounds			1,000 Pounds		
Broadleaf (Type 51):									
Connecticut	1,350	1,400	1,450	1,820	1,400	1,850	2,457	1,960	2,683
Massachusetts	850	970	900	1,840	1,470	1,800	1,564	1,426	1,620
CT and MA Total	2,200	2,370	2,350	1,828	1,429	1,831	4,021	3,386	4,303
Shade (Type 61):									
Connecticut	650	780	850	1,320	1,290	1,550	858	1,006	1,318
Massachusetts	310	280	300	950	1,150	1,500	295	322	450
CT and MA Total	960	1,060	1,150	1,201	1,253	1,537	1,153	1,328	1,768
UNITED STATES (All Types)	428,310	411,150	413,550	2,043	1,952	2,140	875,052	802,654	884,873

SOURCE: *Crop Production*, 8:30 a.m., August 12, 2004, National Agricultural Statistics Service, USDA.

FRUIT: Total Production, 2002 - 2004

Crops	Total Production			
	2002	2003	2004 Forecast as of August 1	2004 as Percent of 2003
Apples (42-lb bu) ^{1/}	1,000 Bushels			Percent
Connecticut	286	512	476	93
Maine	1,155	1,048	1,071	102
Massachusetts	786	1,012	976	96
New Hampshire	631	619	667	108
Rhode Island	62	55	55	100
Vermont	738	1,000	857	86
NEW ENGLAND	3,658	4,246	4,102	97
UNITED STATES	202,950	205,079	222,998	109
Pears	Tons			Percent
Connecticut	500	1,300	1,000	77
UNITED STATES	890,020	928,050	908,040	98

^{1/} Apple production from commercial orchards of 100 or more trees.

SOURCE: *Crop Production*, 8:30 a.m., August 12, 2004, National Agricultural Statistics Service, USDA.

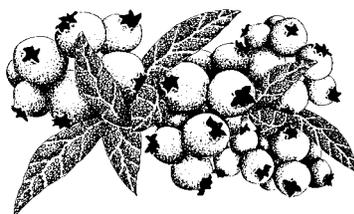
CRANBERRIES: Total Production, 2002 - 2004

State	2002	2003	2004 ^{1/} Forecast
	1,000 Barrels ^{2/}		
Massachusetts	1,452	1,406	1,800
New Jersey	430	480	480
Oregon	432	500	550
Washington	167	190	185
Wisconsin	3,208	3,607	3,560
UNITED STATES	5,689	6,183	6,575

^{1/} Current year production is forecast as of mid-August assuming normal conditions for the remainder of the growing season.

^{2/} Standard weight used for one barrel of cranberries is 100 pounds.

SOURCE: *Cranberries*, 1:00 p.m., August 17, 2004, National Agricultural Statistics Service, USDA.


WILD BLUEBERRIES: Total Production and Value, 1994 - 2004

State and Year	Total Production	All Price per Pound ^{1/}	Total Value of Production ^{1/}	Fresh Blueberries ^{2/}			Blueberries for Processing		
				Production	Price per Pound	Value of Production	Production	Price per Pound	Value of Production
	1,000 Pounds	Cents	1,000 Dollars	1,000 Pounds	Dollars	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars
Maine									
1994	59,495	30	17,744	350	--	--	59,145	30	17,744
1995	65,944	32	21,004	305	--	--	65,639	32	21,004
1996	59,198	57	33,590	268	--	--	58,930	57	33,590
1997	73,816	43	31,622	276	--	--	73,540	43	31,622
1998	62,981	46	29,166	360	1.00	360	62,621	46	28,806
1999	66,102	51	33,889	300	1.10	330	65,802	51	33,559
2000	110,990	40	44,732	420	1.20	504	110,570	40	44,228
2001	75,200	31	22,945	350	1.40	490	74,850	30	22,455
2002	62,400	29	17,860	400	1.25	500	62,000	28	17,360
2003	80,400	36	28,540	400	1.35	540	80,000	35	28,000
2004 ^{3/}	52,000	--	--	--	--	--	--	--	--

^{1/} All Price per Pound and Total Value of Production for 1994 - 1997 do not include fresh market blueberries.

^{2/} Fresh Blueberry Price per Pound and Value of Production are not available before 1998.

^{3/} Current year production forecast is based on growers' assessments as of mid-July.

**QUARTERLY FARM LABOR ^{1/}: Hired ^{2/} Workers on Farms and Hours Worked per Week
Northeast and United States, July 2004 with Comparisons**

Region	Hired Workers on Farms			Hours Worked During the Week		
	July 6-12 2003	April 11-17 2004	July 11-17 2004	July 6-12 2003	April 11-17 2004	July 11-17 2004
	1,000 Workers			Hours per Week		
NORTHEAST ^{3/}	53	37	43	40.2	39.1	39.9
UNITED STATES ^{4/}	943	827	953	39.8	40.6	39.3

^{1/} Farm Labor excludes agricultural service workers.

^{2/} Hired workers include field, livestock, supervisory, and other workers.

^{3/} Northeast includes Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont.

^{4/} United States excludes Alaska.

SOURCE: *Farm Labor*, 3:00 p.m., August 20, 2004, National Agricultural Statistics Service, USDA.

**QUARTERLY FARM LABOR ^{1/}: Wage Rates for Hired Workers,
Northeast and United States July 2004 with Comparisons**

Northeast ^{2/}	July 6-12 2003	April 11-17 2004	July 11-17 2004	United States ^{3/}	July 6-12 2003	April 11-17 2004	July 11-17 2004
	Dollars Per Hour				Dollars Per Hour		
All Hired Workers ^{4/}	9.54	10.35	9.72	All Hired Workers ^{4/}	8.88	9.23	9.10
Field	8.77	9.47	9.31	Field	8.17	8.47	8.42
Livestock	8.10	8.81	8.14	Livestock	8.57	8.95	8.75
Field and Livestock	8.54	9.18	8.89	Field and Livestock	8.26	8.59	8.50

^{1/} Farm Labor excludes agricultural service workers.

^{2/} Northeast includes Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont.

^{3/} United States excludes Alaska.

^{4/} Hired workers include field, livestock, supervisory, and other workers.

SOURCE: *Farm Labor*, 3:00 p.m., August 20, 2004, National Agricultural Statistics Service, USDA.

MONTHLY CHICKENS: Layers and Egg Production, July 2003 - 2004

State	Table Egg Layers in Flocks 30,000 and Above		All Layers ^{1/}		Eggs per 100 for All Layers ^{1/}		Egg Production from All Layers ^{1/}	
	July 2003	July 2004	July 2003	July 2004	July 2003	July 2004	July 2003	July 2004
	1,000 Birds				Number		Million Eggs	
Connecticut	2,841	2,718	2,904	2,763	2,307	2,461	67	68
Maine	4,132	2,784	4,185	2,836	2,294	2,468	96	70
UNITED STATES	269,374	276,967	334,179	341,897	2,215	2,207	7,403	7,544

^{1/} Includes all layers and eggs produced in both table egg and hatching egg flocks regardless of size.

SOURCE: *Chickens and Eggs*, 3:00 p.m., August 23, 2004, National Agricultural Statistics Service, USDA.

TURKEYS: Number Raised, 2002 - 2004

State	All Turkeys			
	2002	2003	2004 ^{1/}	2004 as Percent of 2003
	1,000 Birds			Percent
Connecticut	7	5	5	100
Massachusetts	68	73	70	96
New Hampshire	5	5	6	120
Vermont	53	52	52	100
UNITED STATES	275,477	274,048	262,950	96

^{1/} Current year forecast as of August 2004.

SOURCE: *Turkeys*, 3:00 p.m., August 23, 2004, National Agricultural Statistics Service, USDA.

MONTHLY MILK: Number of Cows and Production, July 2004 with Comparisons

State	Milk Cows ^{1/}			Production per Cow			Production		
	July 2003	June 2004	July 2004	July 2003	June 2004	July 2004	July 2003	June 2004	July 2004
	1,000 Head			Pounds			Million Pounds		
Vermont	148	144	145	1,505	1,510	1,525	223	217	221
New York	673	656	656	1,515	1,490	1,495	1,020	977	981
Pennsylvania	574	557	559	1,500	1,495	1,510	861	833	844
UNITED STATES ^{2/}	7,780	7,742	7,753	1,597	1,603	1,613	12,421	12,410	12,505

^{1/} Average number for the month includes dry cows, excludes heifers not yet fresh.

^{2/} United States includes only 20 major States: Arizona, California, Florida, Idaho, Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, New Mexico, New York, Ohio, Pennsylvania, Texas, Vermont, Virginia, Washington, and Wisconsin.

SOURCE: *Milk Production*, 3:00 p.m., August 16, 2004, National Agricultural Statistics Service, USDA.

VERMONT MILK: Prices Received, 1999 - 2004

Year	Prices Received ^{1/} by Farmers for Milk Sold to Plants												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual Average
	Dollars Per Cwt												
1999	18.20	16.60	16.50	13.90	13.90	14.10	14.50	14.90	16.20	16.30	16.30	13.90	15.40
2000	13.40	13.40	13.50	13.40	13.50	13.80	13.50	13.80	14.00	14.00	14.30	14.60	13.80
2001	13.70	14.30	15.00	15.40	16.20	16.80	17.00	17.30	17.90	16.40	15.80	14.10	15.80
2002	14.20	13.80	13.30	13.10	12.70	12.10	11.60	11.70	12.00	12.50	12.50	12.40	12.70
2003	12.30	11.90	11.50	11.40	11.50	11.50	12.10	13.40	15.00	15.80	15.50	14.80	13.00
2004 ^{2/}	13.90	14.20	15.60	17.50	19.70	19.50	17.40						^{3/}

^{1/} Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

^{2/} Most recent monthly price is a preliminary mid-month forecast.

^{3/} 2004 Annual average price will be available in May 2005.

SOURCE: *Agricultural Prices*, 3:00 p.m., July 30, 2004, National Agricultural Statistics Service, USDA.

MONTHLY DAIRY PRODUCTS: New England Production, June 2004 with Comparisons

Product	June 2003	May 2004	June 2004	June 2004 as Percent of:	
				June 2003	May 2004
	1,000 Pounds			Percent	
Butter	2,645	3,747	3,411	129	91
American Type Cheese ^{1/}	4,603	8,771	4,457	97	51
Mozzarella Cheese	6,699	5,182	5,647	84	109
Other Italian Cheese ^{2/}	499	887	961	193	108
Cottage Cheese ^{3/}	690	657	643	93	98
	1,000 Gallons			Percent	
Ice Cream, Hard	8,402	8,010	8,079	96	101
Low Fat Ice Cream, Hard	715	1,009	508	71	50
Milk Sherbet, Hard	243	257	311	128	121

^{1/} American type cheese includes cheddar, Colby, Monterey and Jack.^{2/} Includes all Italian cheese except Mozzarella.^{3/} Creamed and lowfat.SOURCE of NATIONAL PRODUCTION: *Dairy Products*, 3:00 p.m., August 4, 2004, National Agricultural Statistics Service, USDA.

CROPLAND RENTED FOR CASH: Average Cash Rent Per Acre, 2000 - 2004

Region ^{1/}	2000	2001	2002	2003	2004
	Dollars per Acre				
Northeast	40.00	42.00	41.00	42.00	44.50
Lake States	72.00	73.00	74.00	74.50	76.20
Corn Belt	103.00	106.00	108.00	110.00	114.00
Northern Plains	45.50	47.00	47.00	48.00	50.00
Appalachian	50.00	52.00	51.00	52.00	55.00
Southeast	42.00	46.00	45.00	44.00	44.50
Delta States	62.00	64.00	64.00	65.00	68.50
Southern Plains	27.00	27.80	27.60	28.00	30.50
Mountain	59.00	61.00	60.00	60.50	62.50
Pacific	180.00	185.00	180.00	180.00	180.00
UNITED STATES ^{2/}	70.00	71.00	71.60	73.00	76.50

^{1/} Regions:

Northeast: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, and VT

Lake States: MI, MN, and WI

Corn Belt: IL, IN, IA, MO, and OH

Northern Plains: KS, NE, ND, and SD.

Appalachian: KY, NC, TN, VA, and WV

^{2/} Excludes Alaska and Hawaii.

Southeast: AL, FL, GA, and SC

Delta States: AR, LA, and MS

Southern Plains: OK and TX

Mountain: AZ, CO, ID, MT, NV, NM, UT, and WY

Pacific: CA, OR, and WA

SOURCE: *Land Values and Cash Rents - 2004 Summary*, 3:00 p.m., August 6, 2004, National Statistics Service, USDA.

PASTURE RENTED FOR CASH: Average Cash Rent Per Acre, 2000 - 2004

Region ^{1/}	2000	2001	2002	2003	2004
	Dollars per Acre				
Northeast	24.00	23.00	22.00	23.00	24.00
Lake States	24.00	22.00	23.00	23.50	24.50
Corn Belt	24.50	26.50	27.00	27.00	29.00
Northern Plains	11.20	11.40	11.10	11.20	11.80
Appalachian	18.00	19.00	18.00	18.00	19.10
Southeast	17.20	17.40	18.00	18.50	19.10
Delta States	13.80	15.50	16.20	16.00	16.60
Southern Plains	6.30	7.50	7.70	8.00	8.10
Mountain	3.80	3.80	3.50	3.40	3.60
Pacific	11.00	13.00	13.00	12.50	13.50
UNITED STATES ^{2/}	8.50	9.20	9.20	9.00	9.60

^{1/} Regions:

Northeast: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, and VT

Lake States: MI, MN, and WI

Corn Belt: IL, IN, IA, MO, and OH

Northern Plains: KS, NE, ND, and SD.

Appalachian: KY, NC, TN, VA, and WV

^{2/} Excludes Alaska and Hawaii.

Southeast: AL, FL, GA, and SC

Delta States: AR, LA, and MS

Southern Plains: OK and TX

Mountain: AZ, CO, ID, MT, NV, NM, UT, and WY

Pacific: CA, OR, and WA

SOURCE: *Land Values and Cash Rents - 2004 Summary*, 3:00 p.m., August 6, 2004, National Statistics Service, USDA.

**FARM PRODUCTION EXPENDITURES: Major Input Items, Average per Farm and Total
Northeast ^{1/} and United States ^{2/}, 2002 - 2003**

Expenditure - Farm Share	Farms Reporting ^{3/}		Average per Farm ^{4/}		Total Expenditures	
	2002	2003	2002	2003	2002	2003
	Percent		Dollars		Million Dollars	
NORTHEAST ^{1/}						
Total Farm Production Expenditures ^{5/ 6/}	100.0	100.0	91,168	86,604	13,420	12,800
Livestock, Poultry and Related Expenses ^{7/}	34.1	36.1	5,435	5,007	800	740
Feed	64.8	67.5	15,285	14,344	2,250	2,120
Farm Services ^{8/}	96.0	96.4	13,519	11,231	1,990	1,660
Rent ^{9/}	30.4	23.9	2,446	2,030	360	300
Agricultural Chemicals ^{10/}	55.2	40.1	2,242	2,030	330	300
Fertilizer, Lime and Soil Conditioners ^{10/}	57.7	56.1	2,514	2,368	370	350
Interest	46.4	39.3	4,416	3,654	650	540
Taxes (Real Estate and Property)	98.1	98.9	3,533	3,789	520	560
Labor	34.8	32.6	14,674	13,532	2,160	2,000
Fuels	86.6	92.0	2,582	2,639	380	390
Farm Supplies and Repairs ^{11/}	92.6	92.9	7,133	6,563	1,050	970
Farm Improvements and Construction ^{12/ 13/}	61.4	66.6	4,755	7,037	700	1,040
Tractors and Self-Propelled Farm Machinery	15.6	17.4	3,261	2,909	480	430
Other Farm Machinery	24.0	23.6	2,378	2,436	350	360
Seeds and Plants ^{14/}	53.0	42.5	4,620	4,736	680	700
Trucks and Autos	14.2	19.6	1,698	1,962	250	290
UNITED STATES ^{2/}						
Total Farm Production Expenditures ^{5/ 6/}	100.0	100.0	89,722	93,785	193,100	198,900
Livestock, Poultry and Related Expenses ^{7/}	31.4	30.5	8,503	8,959	18,300	19,000
Feed	64.0	65.4	11,570	12,731	24,900	27,000
Farm Services ^{8/}	95.3	95.3	12,452	12,637	26,800	26,800
Rent ^{9/}	33.7	30.3	7,527	7,733	16,200	16,400
Agricultural Chemicals ^{10/}	50.6	48.2	3,857	3,961	8,300	8,400
Fertilizer, Lime and Soil Conditioners ^{10/}	60.9	58.1	4,461	4,715	9,600	10,000
Interest	45.6	42.0	4,879	4,385	10,500	9,300
Taxes (Real Estate and Property)	98.3	98.8	3,160	3,206	6,800	6,800
Labor	36.2	34.3	9,990	9,996	21,500	21,200
Fuels	86.4	84.4	3,020	3,159	6,500	6,700
Farm Supplies and Repairs ^{11/}	85.3	84.5	5,669	5,187	12,200	11,000
Farm Improvements and Construction ^{12/ 13/}	48.6	57.2	3,717	5,422	8,000	11,500
Tractors and Self-Propelled Farm Machinery	13.4	22.3	2,881	3,065	6,200	6,500
Other Farm Machinery	19.8	27.7	1,719	1,839	3,700	3,900
Seeds and Plants ^{14/}	45.7	45.4	4,135	4,385	8,900	9,300
Trucks and Autos	14.9	24.2	1,951	2,122	4,200	4,500

^{1/} Consists of Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

^{2/} Excludes Alaska and Hawaii.

^{3/} Number of farms reporting item divided by total number of farms.

^{4/} Total expenditures divided by total number of farms.

^{5/} Total includes production costs not allocated to any of the 16 expense categories published.

^{6/} Includes landlord and contractor share of farm production expenses.

^{7/} Includes purchases and leasing of livestock and poultry.

^{8/} Includes all crop custom work, veterinary services, custom feeding, transportation costs, marketing charges, insurance, leasing of machinery and equipment, miscellaneous business expenses, and utilities.

^{9/} Includes public and private grazing fees.

^{10/} Includes material and application costs.

^{11/} 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.

^{12/} Includes all expenditures related to new construction or repairs of building, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures or land.

^{13/} Changed to include operator dwelling expenses (if dwelling is owned by operation) in 2003.

^{14/} Excludes bedding plants, nursery stock, and seed purchased for resale. Includes seed treatment.

SOURCE: Farm Production Expenditures - 2003 Summary, 3:00 p.m., July 15, 2004, National Agricultural Statistics Service, USDA.

FARM REAL ESTATE: Average Value per Acre, January 1, 2002 - 2004

State	Average Value per Acre of Farmland and Buildings as of January 1			Average Value per Acre of Cropland as of January 1			Average Value per Acre of Pasture ^{1/} as of January 1		
	2002	2003	2004	2002	2003	2004	2002	2003	2004
	Dollars per Acre								
Connecticut	8,500	9,500	10,200	--	--	--	--	--	--
Maine	1,600	1,750	1,850	--	--	--	--	--	--
Massachusetts	8,100	9,300	9,900	--	--	--	--	--	--
New Hampshire	2,800	3,100	3,250	--	--	--	--	--	--
Rhode Island	8,300	9,300	10,200	--	--	--	--	--	--
Vermont	1,900	2,050	2,150	--	--	--	--	--	--
NEW ENGLAND	3,394	3,778	4,019	5,240	5,920	6,250	3,590	3,880	4,070
UNITED STATES ^{2/}	1,210	1,270	1,360	1,590	1,660	1,780	577	605	644

^{1/} Pasture value includes New England States and Delaware.

^{2/} Excludes Alaska and Hawaii.

SOURCE: *Land Values and Cash Rents*, 3:00 p.m., August 6, 2004, National Agricultural Statistics Service, USDA.

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