

2013-2014

Delaware Agricultural Statistics Bulletin and Resource Directory

INSIDE

2013 Highlights	1
Farm Numbers	2
Field Crops Summary	3
Weights & Measures	4
Record Highs & Lows	5
Field Crops, Delaware	6
Field Crops, U.S.	7
Corn, Delmarva	8
Soybeans, Delmarva	9
Wheat, Delmarva	10
Soybeans/Corn, Delaware	11
Wheat/Barley, Delaware	12
Vegetables Summary	13
Fresh Market	14
Processing	15
Poultry Highlights	16
Livestock Highlights	17
Cattle and Calves	18
Hogs and Pigs	19
Meat Animals	20
Agricultural Land Rents	21
Census of Agriculture	22
Farm Income	24
Climate	28
Resource Directory	29



National Agricultural Statistics Service

Delaware
DEPARTMENT
of
AGRICULTURE



Delaware Department of Agriculture

2013-2014

Delaware Agricultural Statistics Bulletin

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ED KEE

Delaware Secretary
of Agriculture

JOSEPH T. REILLY

Administrator,
National Agricultural
Statistics Service

**NASS Northeast
Regional Office**

King Whetstone, Director
Chris Cadwallader,
Delaware State Statistician

Management Analyst III

Debbie Lindgren

NASDA Coordinator

Julie Klapproth

**NASDA Telephone
Office Enumerator**

Bonet Taylor

NASDA Field Enumerators

Gertrude Cox, Supervisor

Jacqui England | Jane Ianieri
Sallyanne Chambers

Frank Paciello

William Marose | Sandy Urian

Alma Kukucka, Supervisor

Janice Russell

Richard Robinson

Guy Wells | Charles Dayball
James Suda | Edward Zitvogel



Dear friends of Delaware agriculture,

This report helps tell an important story. Behind the numbers are the lives and hard work of generations of First State farmers - men and women tending poultry flocks, driving combines, picking and trucking watermelons. It is thanks to your dedication and passion that Delaware agriculture is thriving and providing jobs for thousands of our friends and neighbors.

I am honored to serve you in an administration that is committed to the success of our farm families, with the critical support of our valued partners in the General Assembly. We have permanently preserved more than 116,000 acres of farmland, assisted 25 young farmers in purchasing land, and helped expand irrigation to thousands more acres through an innovative loan program. The investments we have made in recent years will continue to pay dividends for future generations.

Thank you for the work that you do to keep First State farmers strong.

ED KEE

Delaware Secretary of Agriculture

To our farming colleagues and partners,

We all know that the vast majority of Americans do not live on farms. We now have a generation of children who know very little about the connection between what happens on our farms and the bags of food they carry home from the store.

One of the most valuable tools that we have to educate and inform our non-farm friends, family and neighbors is unbiased data—numbers that show just how vitally important agriculture is to America’s future. This report contains a sampling of just some of the data that the U.S. Department of Agriculture’s National Agricultural Statistics Service collects about our industry.

We cannot help tell that story without your assistance. When one of our enumerator staff contacts you, we ask that you think twice about the importance of the information. Only by having complete, accurate data on the scope and scale of American and Delaware agriculture can we effectively inform others.

In concluding a 40-year career working with American agricultural statistics, I want to especially thank all our farm operators and their families for their hard work in providing our country with an abundant quantity of high-quality, affordable, safe food. It has been an honor to serve the agricultural community.

CHRIS CADWALLADER

State Statistician, USDA NASS Delaware Field Office

Delaware Agriculture: 2013 Highlights, Preliminary

Number of Farms	2,450
Land in Farms	500,000 acres
Average Size of Farm	204 acres
Net Farm Income	\$540 million



2013 Cash Receipts From Farm Marketings

Poultry, Livestock and Products

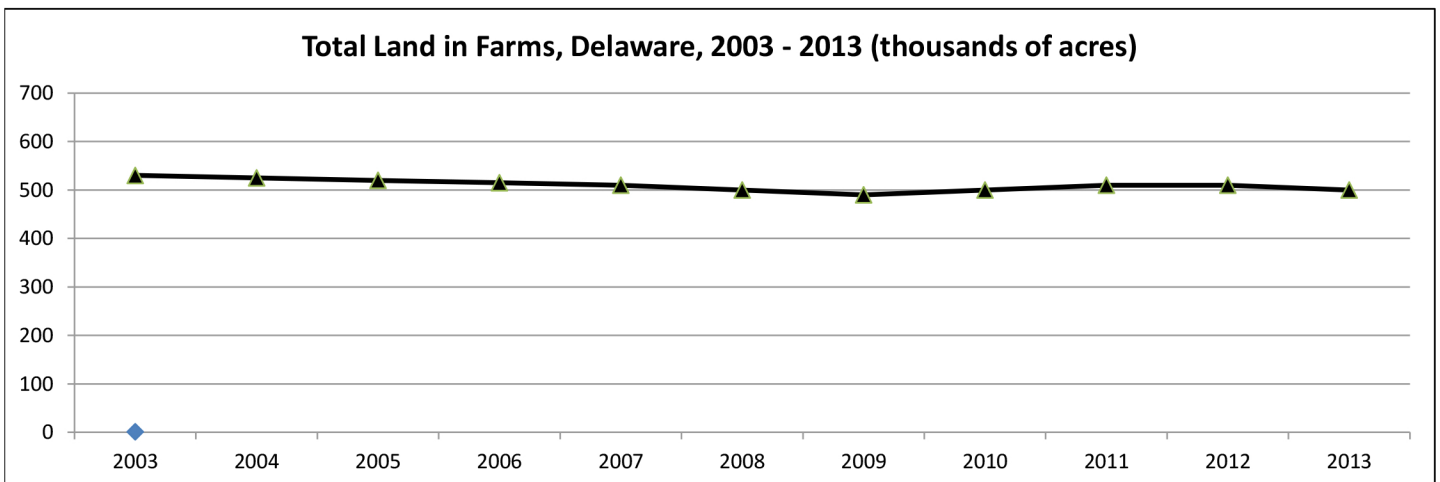
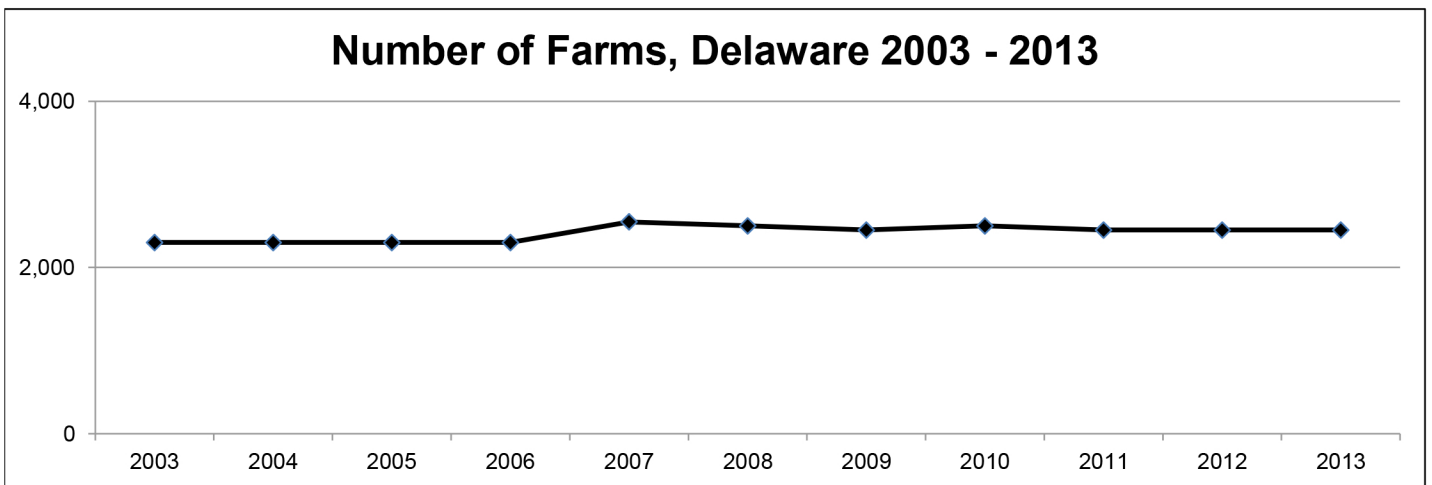
Commodity	Production	Unit	Cash Receipts
Broilers - 216 million birds produced	1,531,000,000	lbs	\$927,665,000
Milk and Dairy Products - 4,800 cows milked	93,600,000	lbs	\$19,004,000
Cattle & Calves (live weight)	4,419,000	lbs	\$7,547,000
Hogs & Pigs (live weight)	4,124,000	lbs	\$2,820,000
Eggs, Other Poultry, Livestock and Products			\$28,795,000
Total Poultry, Livestock & Products			\$985,831,000

Crops

Commodity	Acres Harvested	Production	Unit	Cash Receipts
Corn for Grain <i>yield of 166 bu/acre</i>	174,000	28,884,000	bu.	\$92,770,000
Soybeans <i>yield of 40 bu/acre</i>	163,000	6,520,000	bu.	\$71,040,000
Wheat <i>yield of 68 bu/acre</i>	78,000	5,304,000	bu.	\$33,873,000
Vegetables, Fresh Market	10,200	193,000,000	lbs	\$46,549,000
Vegetables, Processing	26,700	91,530,000	lbs	\$31,033,000
Other Crops				\$34,264,000
Total All Crops				\$309,529,000
Total All Commodities				\$1,295,360,000

Number of Farms and Land in Farms, Delaware, 1996-2013

Year	Number	Total Acres	Average Size of Farm (Acres)	Total Acres in Farms as Percent of State Land Area
1996	2,800	590,000	211	47
1997	2,800	585,000	209	47
1998	2,700	580,000	215	46
1999	2,600	570,000	223	46
2000	2,600	560,000	223	45
2001	2,500	550,000	228	44
2002	2,400	540,000	233	43
2003	2,300	530,000	230	42
2004	2,300	525,000	228	42
2005	2,300	520,000	226	42
2006	2,300	515,000	224	41
2007	2,550	510,000	200	41
2008	2,500	500,000	200	40
2009	2,450	490,000	200	39
2010	2,500	500,000	200	40
2011	2,450	510,000	208	41
2012	2,450	510,000	208	41
2013	2,450	500,000	204	40



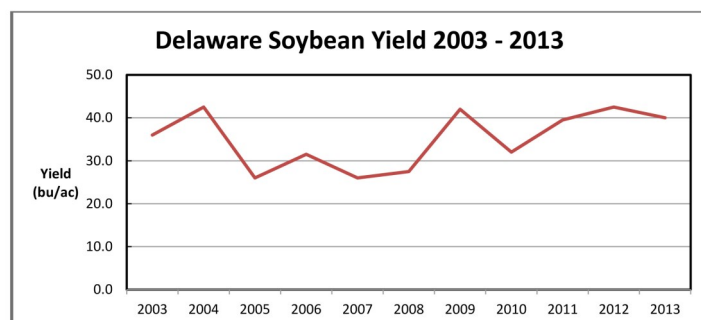
Season Summary: Field Crops

WEATHER

The 2013 spring season brought Delaware farmers below-normal temperatures and dry conditions. In June, heavy showers and thunderstorms caused minor field delays for some crops. Wilmington Delaware saw 9.99 inches of rainfall, the last time Wilmington saw more than 10 inches of rain in a month was in September, 1999, when 12.68 inches fell. The June rain coupled with warmer than normal conditions were good for pasture and summer crops. July began with withering and sweltering temperatures, which led to reports of some failed fields. Despite below average temperatures in August, soybean pod-setting advanced rapidly, and were in mostly good condition. A dry spell began at the end of September, and beans began to suffer for some growers, non-irrigated fields experienced significant yield reductions, and cover crops did not germinate due to dry upper soil conditions. October brought warm temperatures and close to normal precipitation throughout the state.

SOYBEANS

Acres planted in 2013 at 165,000 acres were down 3 percent from 2012. Acreage harvested at 163,000 acres was down 3 percent from 2012. Yield per acre decreased 6 percent from 42.5 bushels in 2012 to 40 bushels. Soybean production in 2013 at 6.5 million bushels was down 9 percent from 2012. The average price received at \$12.40 per bushel was down from \$14.40 in 2012. The 2013 crop was valued at \$80.8 million, down 21 percent from 2012.



CORN

Acres planted in 2013 at 180,000 acres was down 3 percent from the 185,000 acres in 2012. Acres harvested for grain decreased 4,000 from 178,000 acres in 2012 to 174,000 acres. Yield per acre was at a record high in 2013 at 166 bushels. Corn production in 2013, at 29.0 million bushels, was up 20 percent from 2012 and was also a record high. The value of the corn crop decreased 25 percent from 2012 to \$135.8 million. Price per bushel decreased from \$7.55 in 2012 to \$4.70 per bushel.

WHEAT

Acres planted at 85,000 acres was unchanged from 2012. Acres harvested decreased from 80,000 acres planted in 2012 to 78,000 in 2013. Yield per acre at 68 bushels, was down 6 bushels per acre from 2012. Wheat production in 2013 at 5.3 million bushels was down 10 percent from 2012. The value of the wheat crop decreased 23 percent from 2012 to \$36.1 million. Price per bushel decreased from \$7.90 in 2012 to \$6.80 per bushel.

BARLEY

Acres planted at 43,000 was up 13 percent from the 38,000 acres in 2012. Acreage harvested decreased by 1,000 from 34,000 acres in 2012 to 33,000 acres. Yield per acre decreased 6 bushels from 2012 to 78 bushels. Barley production in 2013 at 2.6 million bushels was down 10 percent from 2012. Value of the barley crop decreased from \$14.3 million in 2012 to \$12.2 million. Price per bushel decreased from \$5.00 in 2012 to \$4.75 per bushel.

HAY

Acreage harvested was up 2,000 from 2012 at 18,000 acres. The 2013 yield increased 25 percent from 2.63 tons per acre in 2012 to 3.30 tons per acre. Hay production in 2013 at 59,000 tons was up 40 percent from 2012. The average price received per ton in 2013 at \$199.00 was down 12 percent from 2012. The value of the hay crop increased 23 percent from 2012 to \$11.7 million.

Usual Planting & Harvesting Dates, Delaware

FIELD CROPS	PLANTING			HARVESTING		
	Begin	Most Active	End	Begin	Most Active	End
Barley	9/27	10/9-10/27	11/10	6/5	6/12-6/28	7/3
Corn, grain	4/11	4/30-5/16	5/28	9/10	9/20-10/15	11/15
Corn, silage	4/19	4/30-5/16	5/28	8/11	8/25-9/18	9/30
Hay, alfalfa				5/13		11/19
Hay, other				5/10		11/8
Potatoes	4/5	4/14-4/28	5/5	7/4	7/23-8/23	9/15
Soybeans	5/11	5/30-6/28	7/11	10/5	10/22-11/14	11/25
Wheat	10/8	10/19-11/8	11/21	6/22	6/26-7/8	7/17

Weights & Measures for Agricultural Products

VEGETABLES

CROP	UNIT	AVERAGE WEIGHT (lbs)
Asparagus	Crate/carton	30
Beets	Crate/carton	38
Broccoli	Crate/carton	23
Cabbage	Crate/bag/sack	50
Cantaloupe	Half-carton/crate	40
Carrots	Carton/sack	50
Cauliflower	Crate	60
Celery	Carton/crate	60
Collards	Bag	3
Cucumber	Bushel/carton/crate	55
Eggplant	Bushel/carton/crate	33
Garlic	Carton/crate	30
Honeydew	2/3 carton	30
Kale	Carton/crate	25
Lima beans	Bushel	28-32
Lettuce	Carton	50
Okra	Bushel/crate	30
Onions, green	Carton	13
Onions, dry	Sack	50
Peas, green	Bushel/carton/crate	28
Peppers, bell	Bushel	28
Pumpkins	Bin	1,000
Snap beans	Bushel	28-32
Spinach	Bushel	25
Squash	Bushel	40
Sweet corn	Crate	50
Sweet corn	Dozen	7.5
Tomatoes	Carton	25
Watermelon	Bin	1,050
Watermelon	Carton	85

FIELD CROPS

CROP	UNIT	AVERAGE WEIGHT (lbs)
Barley	Bushel	48
Corn		
<i>Ear, husked</i>	Bushel	70
<i>Shelled</i>	Bushel	56
Hay	Square bale	40-50
Oats	Bushel	32
Potatoes	Carton/sack	100
Rye	Bushel	56
Soybeans	Bushel	60
Wheat	Bushel	60

FRUITS & BERRIES

CROP	UNIT	AVERAGE WEIGHT (lbs)
Apples	Bushel/carton	40
Blueberries	Flat (12 pints)	12
Cranberries	Barrel	100
Strawberries	Flat (12 pints)	12

Seeking historic Delaware agricultural information and statistics?

de.gov/aghistory

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serve
you.**

The Delaware Department of Agriculture is dedicated to supporting our state's vibrant agricultural industry.

Find out how at dda.delaware.gov.



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 Pesticides
 Plant Industries
 Poultry & Animal Health
 Standardbred Breeders' Fund
 Thoroughbred Racing Commission
 Weights & Measures

Record Highs and Lows

Acreage, Yield and Production Through 2013 for Delaware Crops

Crops	Unit	Record High		Record Low	
		Quantity	Year	Quantity	Year
Corn, All					
Acres planted	Thousand acres	225	1966	131	1962
Corn for Grain					
Acres planted	Thousand acres	—	—	—	—
Acres harvested	Thousand acres	211	1967	123	1962
Yield	Bushels	166	2013	22	1919
Production	Thousand Bushels	28,884	2013	3,192	1924
Corn for Silage					
Acres planted	Thousand acres	—	—	—	—
Acres harvested	Thousand acres	14	1977,87	1	1923
Yield	Tons	22	2000	5.2	1919
Production	Thousand Tons	176	2000	6.5	1923
Soybeans					
Acres planted	Thousand acres	280	1979	14	1926
Acres harvested	Thousand acres	275	1979	8	1926
Yield	Bushels	43	2000	6	1930
Production	Thousand Bushels	9,159	2000	90	1930
Wheat					
Acres planted	Thousand acres	132	1918	21	1962, 65,66
Acres harvested	Thousand acres	126	1919	17	1978
Yield	Bushels	77	2008	9	1872
Production	Thousand Bushels	6083	2008	542	1962
Barley					
Acres planted	Thousand acres	63	1985	1	1934-37
Acres harvested	Thousand acres	57	1985	1	1934-37
Yield	Bushels	89	1997	26	1943
Production	Thousand Bushels	3,306	1985	28	1936
Hay, All					
Acres planted	Thousand acres	—	—	—	—
Acres harvested	Thousand acres	85	1943	15	1994,99,2010, 2011
Yield	Tons	4.27	1996	.84	1911
Production	Thousand Tons	114	1945	29	2007
Alfalfa					
Acres planted	Thousand acres	—	—	—	—
Acres harvested	Thousand acres	9	1987,88	2	1919,20
Yield	Tons	5.2	1994	1.9	1936,54
Production	Thousand Tons	37	1989	5	1919,20
Potatoes					
Acres planted	Thousand acres	10	1965	1.4	2012
Acres harvested	Thousand acres	9.8	1959,60	1.4	2012
Yield	Cwt.	300	2009	26	1876
Production	Thousand cwt.	2,250	1961	103	1872

Field Crops, Delaware

Acreage, Yield, Production and Value, 2009-2013

Crop	Year	Acreage		Unit	Production		Season Avg. Price	Value of Production
		Planted	Harvested		Per Acre	Total		Thousand Dollars
		Thousand Acres				Thousand		
Soybeans	2009	185	183	Bushel	42.0	7,686	9.60	73,786
	2010	175	173	Bushel	32.0	5,536	12.20	67,539
	2011	170	168	Bushel	39.5	6,636	12.20	80,959
	2012	170	168	Bushel	42.5	7,140	14.40	102,816
	2013	165	163	Bushel	40.0	6,520	12.40	80,848
Corn, All	2009	170	168	—	—	—	—	—
	2010	180	178	—	—	—	—	—
	2011	190	188	—	—	—	—	—
	2012	185	183	—	—	—	—	—
	2013	180	179	—	—	—	—	—
Corn, for Grain	2009	—	163	Bushel	145	23,635	3.80	89,813
	2010 ¹	—	173	Bushel	114	19,722	6.21	122,474
	2011	—	182	Bushel	130	23,660	6.93	163,964
	2012 ¹	—	178	Bushel	135	24,030	7.55	181,427
	2013	—	174	Bushel	166	28,884	4.70	135,755
Corn, for Silage	2009	—	5	Ton	15	75	—	—
	2010	—	5	Ton	14	70	—	—
	2011	—	6	Ton	14	84	—	—
	2012	—	5	Ton	17	85	—	—
	2013	—	5	Ton	17	85	—	—
Wheat, Winter	2009 ¹	65	63	Bushel	61	3,843	3.45	13,258
	2010 ¹	50	47	Bushel	58	2,726	5.22	14,230
	2011	80	75	Bushel	69	5,175	6.05	31,309
	2012 ¹	80	76	Bushel	74	5,624	7.90	44,430
	2013	85	78	Bushel	68	5,304	6.80	36,067
Barley	2009	28	26	Bushel	70	1,820	2.15	3,913
	2010	20	18	Bushel	64	1,152	2.21	2,546
	2011	35	32	Bushel	88	2,816	3.95	11,123
	2012 ¹	38	34	Bushel	84	2,856	5.00	14,280
	2013	43	33	Bushel	78	2,574	4.75	12,227
Hay, All	2009	—	17	Ton	3.00	51	145.00	7,413
	2010	—	15	Ton	3.07	46	177.00	8,148
	2011	—	15	Ton	2.53	38	238.00	9,335
	2012 ¹	—	16	Ton	2.63	42	239.00	10,032
	2013	—	18	Ton	3.30	59	199.00	11,764
Hay Alfalfa	2009	—	5	Ton	3.9	20	149.00	2,980
	2010	—	5	Ton	3.4	17	191.00	3,247
	2011	—	5	Ton	3.0	15	262.00	3,930
	2012	—	6	Ton	2.7	16	263.00	4,208
	2013	—	6	Ton	3.5	21	220.00	4,620
Hay, All Other	2009	—	12	Ton	2.6	31	143.00	4,433
	2010	—	10	Ton	2.9	29	169.00	4,901
	2011	—	10	Ton	2.3	23	235.00	5,405
	2012	—	10	Ton	2.6	26	224.00	5,824
	2013	—	12	Ton	3.2	38	188.00	7,144

¹ Revised

Field Crops, United States

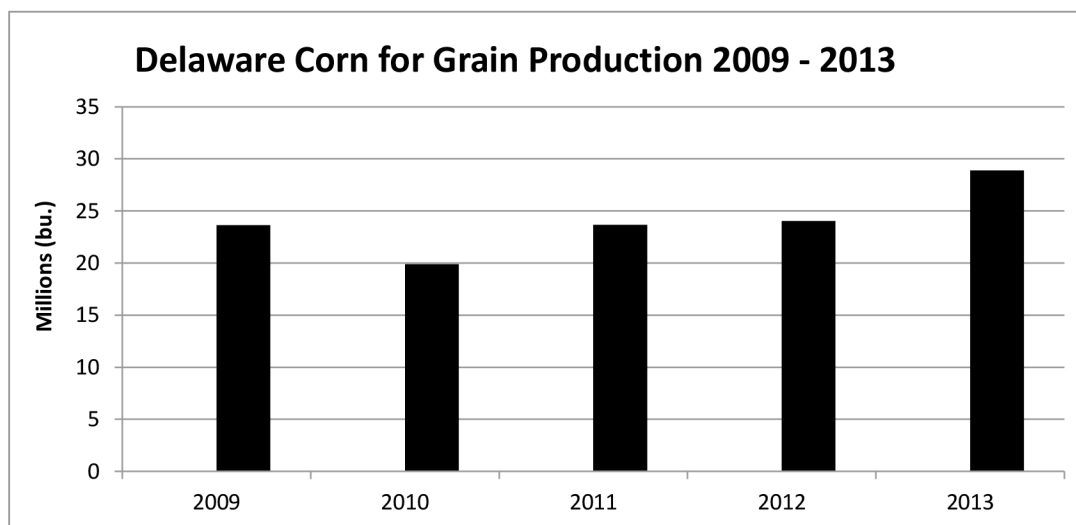
Acreage, Yield, Production and Value, 2009-2013

Crop	Year	Acreage		Unit	Production		Season Avg. Price	Value of Production
		Planted	Harvested		Per Acre	Total		
		Thousand Acres				Thousand	Dollars per Unit	Thousand Dollars
Soybeans	2009 ¹	77,451	76,372	Bu.	44.0	3,360,931	9.59	32,163,204
	2010 ¹	77,404	76,610	Bu.	43.5	3,331,306	11.30	37,571,277
	2011 ¹	75,046	73,776	Bu.	42.0	3,097,179	12.50	38,542,177
	2012 ¹	77,198	76,144	Bu.	40.0	3,042,044	14.40	43,723,144
	2013	76,533	75,869	Bu.	43.3	3,288,833	12.70	41,837,286
Corn, All	2009	86,382	85,095	—	—	—	—	—
	2010	88,192	87,013	—	—	—	—	—
	2011 ¹	91,936	89,814	—	—	—	—	—
	2012 ¹	97,291	94,784	—	—	—	—	—
	2013	95,365	93,924	—	—	—	—	—
Corn, for Grain	2009 ¹	—	79,490	Bu.	164.4	13,067,156	3.55	46,640,936
	2010 ¹	—	81,446	Bu.	152.6	12,425,330	5.18	64,529,628
	2011 ¹	—	83,879	Bu.	146.8	12,313,956	6.22	76,651,242
	2012 ¹	—	87,365	Bu.	123.1	10,755,111	6.89	74,155,299
	2013	—	87,668	Bu.	158.8	13,925,147	4.50	62,716,048
Wheat, Winter	2009 ¹	43,287	34,550	Bu.	44.0	1,521,077	4.87	10,607,218
	2010 ¹	36,576	31,219	Bu.	46.5	1,452,313	5.70	12,579,125
	2011 ¹	40,596	32,378	Bu.	46.1	1,493,130	7.24	14,269,225
	2012 ¹	40,897	34,609	Bu.	47.1	1,630,387	7.77	17,383,149
	2013	43,090	32,402	Bu.	47.4	1,534,253	6.75	10,397,296
Barley	2009 ¹	3,568	3,114	Bu.	72.8	226,603	4.66	968,676
	2010 ¹	2,872	2,465	Bu.	73.1	180,241	3.86	691,573
	2011 ¹	2,564	2,241	Bu.	69.1	154,788	5.35	808,741
	2012 ¹	3,660	3,274	Bu.	66.9	218,990	6.43	1,371,381
	2013	3,480	3,000	Bu.	71.7	215,078	6.05	1,271,986
Hay, All	2009	—	59,755	Ton	2.47	147,700	108.00	14,715,559
	2010 ¹	—	59,574	Ton	2.43	145,000	114.00	14,606,696
	2011 ¹	—	55,204	Ton	2.35	129,880	178.00	18,085,074
	2012 ¹	—	54,653	Ton	2.14	117,072	191.00	18,613,183
	2013	—	58,257	Ton	2.33	135,946	179.00	20,211,663
Hay Alfalfa	2009	—	21,247	Ton	3.35	71,072	113.00	7,941,539
	2010 ¹	—	19,968	Ton	3.40	67,977	123.00	7,729,398
	2011 ¹	—	19,044	Ton	3.40	64,815	196.00	10,842,539
	2012 ¹	—	16,795	Ton	3.01	50,600	211.00	10,374,865
	2013	—	17,763	Ton	3.24	57,581	197.00	10,885,287
Hay, All Other	2009	—	38,528	Ton	1.99	76,628	97.30	6,774,020
	2010 ¹	—	39,606	Ton	1.94	77,023	97.00	6,877,298
	2011 ¹	—	36,160	Ton	1.80	65,065	132.00	7,242,535
	2012 ¹	—	37,858	Ton	1.76	66,472	144.00	8,238,318
	2013	—	40,494	Ton	1.94	78,365	139.00	9,326,376

¹ Revised

Corn for Grain, Delmarva Acreage, Yield and Production, 2012-2013

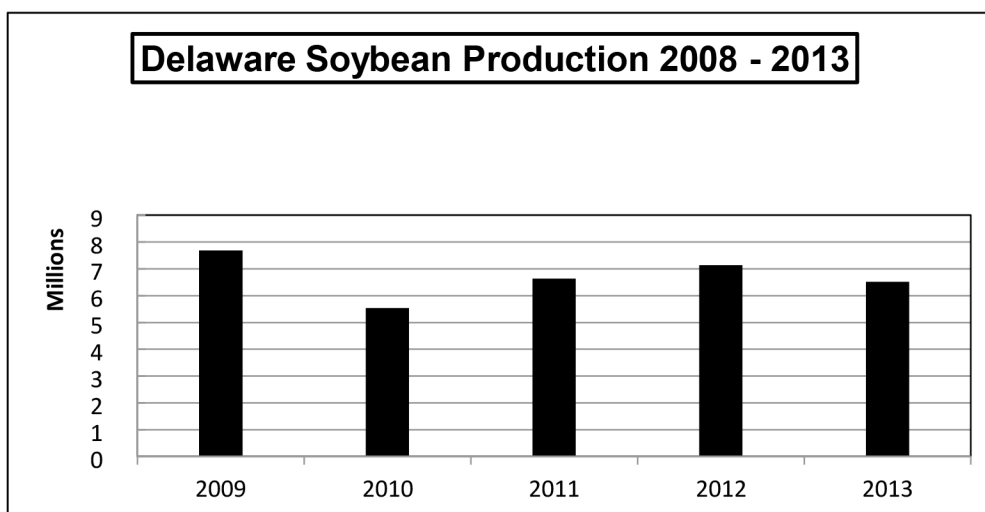
State and County	2012				2013			
	Acres		Yield per Acre	Production	Acres		Yield per Acre	Production
	Planted	Harvested		Bushels	Planted	Harvested		Bushels
Delaware								
New Castle	21,000	20,400	132.0	2,693,000	21,000	20,200	157.9	3,191,000
Kent	56,000	51,600	108.0	5,573,000	53,000	50,300	171.4	8,620,000
Sussex	108,000	106,000	148.7	15,764,000	106,000	103,500	164.9	17,073,000
Maryland								
Caroline	36,400	32,800	124.5	4,084,000	34,200	31,500	157.1	4,950,000
Cecil	25,600	24,200	125.4	3,035,000	22,900	19,500	151.3	2,950,000
Kent	46,000	40,300	121.2	4,884,000	46,400	40,000	175.0	7,000,000
Queen Anne's	52,000	47,000	96.2	4,521,000	52,000	47,000	96.2	4,521,000
Talbot	30,000	28,200	101.6	2,865,000	30,100	29,000	158.6	4,600,000
Dorchester	25,300	23,900	141.4	3,380,000	24,600	230,000	167.4	3,850,000
Somerset	19,700	18,800	107.0	2,012,000	16,500	15,500	148.4	2,300,000
Wicomico	27,600	26,400	98.5	2,600,000	26,000	24,000	127.1	3,050,000
Worcester	35,900	32,600	127.4	4,154,000	34,900	32,500	163.1	5,300,000
Virginia								
Accomack	24,200	21,000	117.6	2,470,000	24,400	20,800	117.1	3,683,000
Northampton	10,600	9,400	106.4	1,000,000	8,600	7,500	174.5	1,309,000
DELMARVA	518,300	482,600	122.3	59,035,000	500,600	671,300	107.8	72,397,000



Soybeans, Delmarva

Acreage, Yield and Production, 2012-2013

State and County	2012				2013			
	Acres		Yield per Acre	Production	Acres		Yield per Acre	Production
	Planted	Harvested	Bushels		Planted	Harvested	Bushels	
Delaware								
New Castle	23,000	22,300	48.0	1,070,000	23,000	22,700	38.8	880,000
Kent	63,000	62,200	40.2	2,500,000	59,000	58,300	39.3	2,289,000
Sussex	84,000	83,500	42.8	3,570,000	83,000	82,000	40.9	3,351,000
Maryland								
Caroline	49,000	48,000	40.2	1,931,000	49,500	49,100	37.0	1,815,000
Cecil	20,000	19,900	51.8	1,031,000	19,400	19,200	48.7	935,000
Kent	42,000	41,800	49.6	2,075,000	42,700	42,300	43.8	1,852,000
Queen Anne's	54,000	53,900	49.7	2,681,000	54,400	53,900	35.5	1,913,000
Talbot	39,000	38,900	48.4	1,884,000	41,000	40,500	39.0	158,000
Dorchester	43,700	42,800	44.0	1,882,000	40,600	40,200	37.7	1,516,000
Somerset	17,200	16,900	49.8	842,000	17,900	17,700	36.4	644,000
Wicomico	22,500	22,300	39.1	872,000	22,700	22,400	34.8	779,000
Worchester	35,600	35,400	45.3	1,604,000	34,800	34,500	36.9	1,272,000
Virginia								
Accomack	36,500	36,200	42.5	1,540,000	37,200	36,600	39.0	1,426,000
Northampton	21,600	21,500	45.6	980,000	24,200	23,700	39.5	935,000
DELMARVA	551,100	545,600	44.8	24,462,000	549,400	543,100	36.4	19,765,000



Wheat, Delmarva

Acreage, Yield and Production, 2003-2013

Year	Acres		Yield per Acre	Production
	Planted	Harvested	Bushels	
2003	185,100	169,500	38.7	6,561,300
2004	182,800	170,800	58.8	10,042,390
2005	177,300	167,800	67.6	11,350,200
2006	209,700	138,800	68.7	9,529,300
2007	235,000	193,900	66.5	12,901,000
2008 ¹	293,200	243,200	74.2	18,054,000
2009 ¹	262,400	209,900	67.0	14,065,000
2010 ¹	190,580	146,100	60.1	8,784,000
2011 ¹	292,400	229,268	68.9	15,805,000
2012 ¹	290,200	231,500	70.1	16,224,000
2013	318,200	259,200	67.5	17,484,000

¹ Revised

Barley, Delmarva

Acreage, Yield and Production, 2003-2013

Year	Acres		Yield per Acre	Production
	Planted	Harvested	Bushels	
2003	55,400	47,100	57.2	2,695,800
2004	57,500	52,800	79.0	4,172,100
2005	60,400	55,400	84.3	4,672,000
2006	59,600	46,300	84.0	3,888,400
2007	44,200	35,700	79.9	2,852,000
2008	48,500	41,000	85.3	3,498,000
2009	61,400	55,800	71.4	3,986,100
2010	42,500	34,800	65.0	2,263,000
2011	52,100	45,550	88.2	4,018,000
2012 ¹	68,800	55,200	83.3	4,598,000
2013	71,700	53,180	82.9	4,406,000

¹ Revised

Soybeans, Delaware

Acreage, Yield and Production by Counties, 2009-2013

County	Year	Acres		Average Yield Per Acre	Production Bushels
		Planted	Harvested		
New Castle	2009	28,000	27,500	44.5	1,230,000
	2010	26,000	25,700	32.0	823,000
	2011	24,000	23,500	41.0	964,000
	2012	23,000	22,300	48.0	1,070,000
	2013	23,000	22,700	38.8	880,000
Kent	2009	67,000	66,500	45.0	2,996,000
	2010	63,000	62,400	36.1	2,251,000
	2011	64,000	63,500	41.7	2,650,000
	2012	63,000	62,200	40.2	2,500,000
	2013	59,000	58,300	39.3	2,289,000
Sussex	2009	90,000	89,000	39.0	3,460,000
	2010	86,000	84,900	29.0	2,462,000
	2011	82,000	81,000	37.3	3,022,000
	2012	84,000	83,500	42.8	3,570,000
	2013	83,000	82,000	40.9	3,351,000

Corn, Delaware

Acreage, Yield and Production by Counties, 2009-2013

County	Year	Acres		Average Yield Per Acre	Production Bushels
		Planted	Harvested		
New Castle	2009	20,000	19,200	140.0	2,685,000
	2010 ¹	23,000	22,500	113.1	2,523,000
	2011	23,000	22,000	120.9	2,660,000
	2012	21,000	20,400	132.0	2,693,000
	2013	21,000	20,200	158.0	3,191,000
Kent	2009	53,000	50,400	153.0	7,700,000
	2010 ¹	56,000	53,600	121.5	6,453,000
	2011	56,000	54,000	128.7	6,950,000
	2012	56,000	51,600	108.0	5,573,000
	2013	53,000	50,300	171.4	8,620,000
Sussex	2009	97,000	93,400	142.0	13,250,000
	2010 ¹	101,000	96,900	111.9	10,746,000
	2011	111,000	106,000	132.5	14,050,000
	2012	108,000	106,000	148.7	15,764,000
	2013	106,000	103,500	165.0	17,073,000

¹ Revised

Wheat, Delaware

Acreage, Yield and Production by Counties, 2006-2010¹

County	Year	Acres		Average Yield Per Acre	Production Bushels
		Planted	Harvested		
New Castle	2006	8,100	7,600	73.0	555,000
	2007	8,700	8,200	72.2	592,000
	2008	11,000	10,800	81.5	878,000
	2009 ²	10,200	9,900	66.8	661,000
Kent	2006	20,300	19,300	69.8	1,347,000
	2007	23,000	22,800	69.1	1,575,000
	2008	29,000	28,700	79.0	2,265,000
	2009 ²	24,160	23,500	60.5	1,422,000
Sussex	2006	19,600	18,100	61.5	1,113,000
	2007	25,300	24,000	65.5	1,573,000
	2008	40,000	39,500	74.5	2,940,000
	2009 ²	30,700	29,600	59.5	1,761,000

¹ Estimate discontinued in 2010.

² Revised

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Season Summary: Vegetables

The value of all Delaware vegetable production (fresh and processed) in 2013 was \$56.4 million compared with \$67.6 million in 2012. Lower prices for 2013 fresh market and processing vegetable crops caused the total value of production to decline 17% from 2012.

Fresh market vegetable producers harvested 10,200 acres of fresh market crops valued at \$34.1 million in 2013. These numbers compare to 9,980 acres and \$37.6 million in 2012.

Production amounted to 1,930.0 thousand hundred-weight, slightly lower than the 2,044.7 thousand hundredweight produced in 2012. Harvested acreage in 2013 for processing vegetables totaled 26,700 acres compared with 31,400 acres in 2012.

Processing crop value was at \$22.2 million dollars, 26 percent below 2012. Lower yields and prices for various processing vegetables contributed to the decline in value in 2013.

Usual Planting & Harvesting Dates, Delaware					
VEGETABLES	PLANTING		HARVESTING		
	Begin	End	Begin	Most Active	End
Lima beans (Pr)	5/20	7/20	8/10	8/20-10/5	10/20
Snap (Fm)	5/5	5/31	6/10	6/15-9/10	9/15
Cantaloupes	4/1	4/30	7/15	8/1-8/31	9/15
Sweet corn (Fm)	4/1	7/10	7/1	7/5-9/10	10/1
Sweet corn (Pr)	4/15	6/15	7/20	8/1-8/31	9/10
Cucumbers (Fm)	4/20	6/20	6/22	7/1-8/10	10/15
Cucumbers (Pr)	5/10	7/10	7/1	7/5-7/31	8/1
Green peas (Pr)	3/1	4/20	6/1	6/5-6/20	7/5
Watermelon	5/1	6/1	7/10	8/5-8/20	9/25

Pr: Processing | Fm: Fresh market

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Vegetables for Fresh Market, Delaware, 2011 – 2013

Crop	Year	Acres		Production		Season	Value
		Planted	Harvested	Per Acre	Total	Average Price	of Production
				Cwt. ¹	Thous. Cwt. ¹	\$/cwt. ¹	Thous. Dollars
Beans, Snap ³	2011	750	700	45	31.5	23.00	662
	2012	640	630	46	29.0	21.00	609
	2013	590	550	49	27.0	22.00	593
Cabbage ³	2011	450	400	183	73.2	15.00	1,098
	2012	450	400	200	80.0	13.00	1,040
	2013	600	600	217	130.2	14.00	1,823
Cantaloupes ³	2011	180	180	98	17.6	33.00	582
	2012	200	200	99	19.8	31.00	614
	2013	150	140	100	14.0	28.00	392
Potatoes	2011	1,600	1,600	250	400.0	10.40	4,160
	2012	1,400	1,400	255	357.0	19.00	6,783
	2013	1,400	1,400	280	392.0	19.20	7,526
Pumpkins ³	2011	700	700	125	87.5	24.00	2,100
	2012	800	800	120	96.0	25.00	2,400
	2013	800	800	115	80.5	23.00	1,852
Strawberries ³	2011	75	75	31	2.3	120.00	279
	2012	70	70	31	2.1	120.00	260
	2013	70	70	32	2.2	119.00	267
Sweet Corn	2011	3,300	3,100	108	335.0	29.00	9,715
	2012	3,300	3,100	107	332.0	28.00	9,296
	2013	3,500	3,400	104	354.0	25.00	8,840
Tomatoes ³	2011	100	100	129	13.0	35.00	426
	2012	100	100	128	12.8	33.00	384
	2013	80	70	130	9.1	30.00	273
Watermelons	2011	2,800	2,800	375	1,050	13.00	13,650
	2012	2,800	2,800	375	1,050	13.00	13,650
	2013	2,800	2,700	320	864	12.00	10,368
<i>Seedless</i>	2011	2,200	2,200	368	810.0	13.00	10,530
	2012	2,300	2,300	370	851.0	13.00	11,063
	2013	2,200	2,200	315	693.0	12.00	8,316
Other Vegetables ^{2,3}	2011	430	430	---	48.0	---	1,811
	2012	480	480	---	66.0	---	2,229
	2013	470	470	---	57.0	---	2,178
Total ³	2011	10,385	10,085	---	2,058.1	---	34,483
	2012	10,240	9,980	---	2,044.7	---	37,265
	2013	10,460	10,200	---	1,930.0	---	34,112

¹ cwt. = hundredweight or 100 pound unit

² Other vegetables include: asparagus, beets, broccoli, cauliflower, cucumbers, eggplant, green peas, green onions, herbs, honeydew, hot and sweet peppers, kale, lettuce, lima beans, mustard greens, okra, radishes, spinach, sweet potatoes, squash and turnips.

³ Revised.

Vegetables for Processing, Delaware, 2004 – 2013

Crop	Year	Planted	Harvested	Production		Season Average Price	Value of Production
				Per Acre	Total		
		Acres	Acres	Tons	Tons	\$/ton	Thous. Dollars
Green Lima Beans	2004	15,600	15,600	1.02	15,912	350.00	5,569
	2005	14,700	14,700	0.96	14,112	340.00	4,798
	2006	14,000	14,000	0.79	11,060	360.00	3,982
	2007	13,000	13,000	0.84	10,920	400.00	4,368
	2008	13,000	13,000	0.82	10,660	420.00	4,477
	2009	11,000	11,000	0.85	9,350	393.00	3,675
	2010	13,000	13,000	1.04	13,520	400.00	5,408
	2011	11,500	11,500	1.15	13,230	410.00	5,424
	2012	13,000	13,000	1.97	25,610	420.00	10,756
	2013	12,700	12,700	1.48	18,800	429.00	8,065
Sweet Corn	2004	7,300	7,300	6.72	49,056	78.00	3,826
	2005	7,300	7,300	6.72	49,056	78.00	3,826
	2006	4,700	4,600	5.30	24,380	62.00	1,512
	2007	5,600	5,600	7.40	41,440	73.00	3,025
	2008	6,300	6,000	7.18	43,080	76.00	3,274
	2009	8,300	8,200	7.43	60,926	74.00	4,509
	2010	6,700	6,700	6.25	41,880	88.00	3,685
	2011	5,100	5,100	7.82	39,900	110.00	4,389
	2012	6,500	6,500	8.23	53,490	156.00	8,354
	2013	6,000	6,000	8.19	49,130	148.00	7,273
Green Peas Shelled basis	2004	6,000	6,000	1.50	9,000	350.00	3,150
	2005	6,000	6,000	1.50	9,000	350.00	3,150
	2006	5,800	5,400	2.05	11,070	255.00	2,823
	2007	5,500	5,400	1.90	10,260	275.00	2,822
	2008	5,600	5,600	1.80	10,080	286.00	2,883
	2009	5,500	5,500	1.82	10,030	280.00	2,808
	2010	3,900	3,900	1.80	7,020	280.00	1,966
	2011	4,100	4,100	2.00	8,200	320.00	2,624
	2012	5,700	5,700	2.16	12,310	350.00	4,309
	2013	5,100	5,000	2.16	10,800	263.00	2,840
Other Vegetables <small>Includes cabbage, cucumbers, hot peppers, potatoes, snap beans, spinach, and tomatoes. Combined to avoid disclosure of individual operations.</small>	2007	8,500	8,500	---	35,170	---	8,325
	2008	7,000	7,000	---	32,418	---	7,877
	2009	6,700	6,700	---	28,900	---	8,641
	2010	7,200	7,200	---	26,100	---	8,065
	2011	6,000	5,700	---	17,000	---	5,671
	2012 ³	6,200	6,200	---	19,000	---	6,530
	2013	3,600	3,000	---	12,800	---	4,070
Total Vegetables for Processing	2007	32,600	32,500	---	97,790	---	18,540
	2008	31,900	31,600	---	96,238	---	18,511
	2009	31,500	31,400	---	109,206	---	19,633
	2010	30,800	30,800	---	88,520	---	19,124
	2011	26,700	26,400	---	78,330	---	18,108
	2012 ³	31,400	31,400	---	110,410	---	29,949
	2013	27,400	26,700	---	91,530	---	22,248

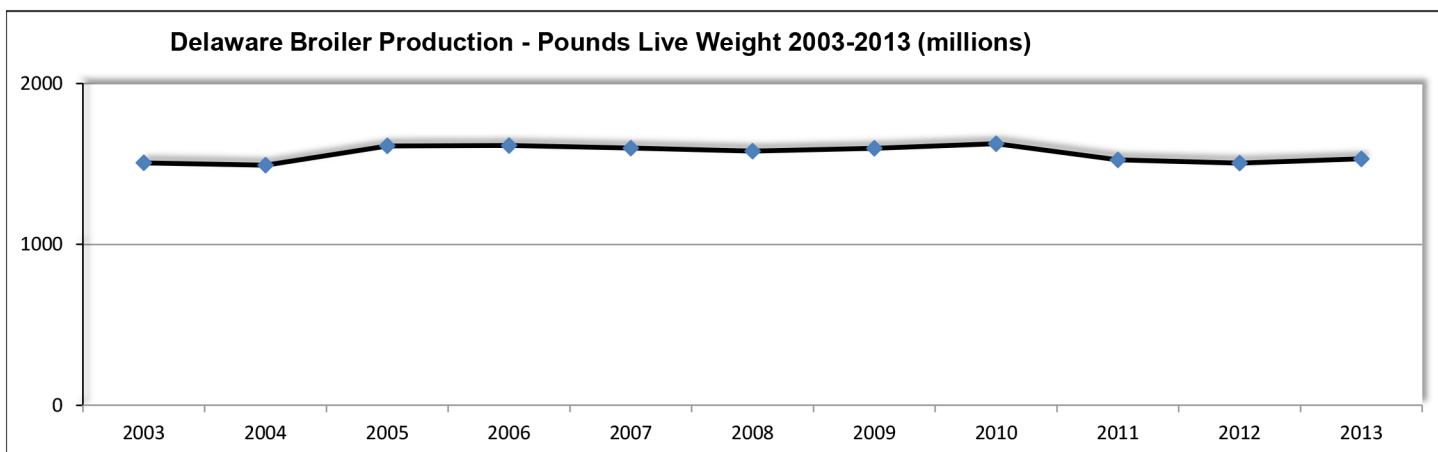
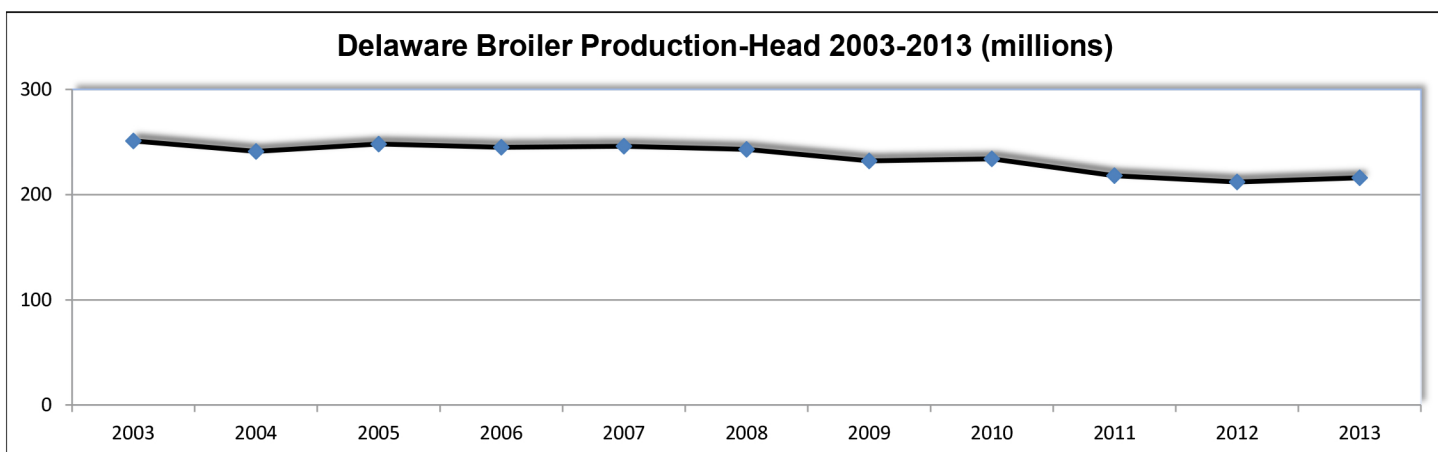
3 Revised

Poultry

Delaware growers produced 216 million broiler/roaster chickens in 2013. Pounds live weight in 2013 totaled 1.53 billion pounds. The average live weight per bird was 7.0 pounds in 2013. Total value of birds raised was at a record high \$928 million, and the live weight price per pound was at a record high 61 cents. Sussex County is the No. 1 broiler-producing county in the United States. The 2013 U.S. production of birds was at 8.52 billion, up 1 percent from the 2012 production of 8.46 billion birds. Total live weight was up 2 percent to 50.6 billion pounds, while value of production increased 24 percent, to \$30.7 billion.

Broiler/Roaster Production and Value, Delaware, 2009 - 2013

Year	Number Broiler/Roasters	Avg. Liveweight Per Bird	Production	Avg. Value per Pound	Total Value
	Million Birds	Pounds	Million pounds	Cents	Million dollars
2009	232	6.9	1,598	46.0	735
2010	234	6.9	1,625	48.0	780
2011	218	7.0	1,525	46.0	700
2012	212	7.1	1,505	50.0	753
2013	216	7.0	1,531	61.0	928



Dairy and Livestock

The number of milk cows decreased from 4,900 head in 2012 to 4,800 in 2013, while production per cow increased 378 pounds to a record 19,521. Total milk production was unchanged at 94 million pounds for 2013. Cash receipts decreased 7 percent from 2011 to \$17.6 million. Dairymen received an average of \$20.50 per hundredweight of milk, up \$1.50 from 2012.

The January 1, 2014, inventory of all cattle and calves in Delaware was down 2,000 from a year earlier to 16,000 head. Delaware beef production in 2013 was 4.4 million pounds, down 10 percent from 2012. In 2013 cash receipts for cattle marketings were at \$7.5 million, up 6 percent from 2012. Value of production was down 8 percent in 2013 at 5.2 million.

Hog and pig inventory as of December 1, 2013, increased 1,000 from 2012 to 6,000 head. Pork production was 4.1 million pounds in 2013, up 52 percent from 2012, cash receipts were at \$2.8 million, up 47 percent from 2012.

Milk Cows and Milk Production, Delaware, 2009 - 2013

Year	Milk Cows on Farms	Milk per Milk Cow	Milkfat per Milk Cow	Percentage of Fat In All Milk Produced	Total Milk
	Thousand	Pounds		Percent	Million Pounds
2009	6.0	17,000	634	3.73	102
2010	5.3	16,981	654	3.85	90
2011	5.0	18,300	686	3.75	92
2012	4.8	19,542	733	3.75	94
2013	4.8	19,521	736	3.77	94

Milk and Milkfat: Marketings and Income, Delaware, 2009 - 2013

Year	Milk Utilized (million lbs.)	Average Returns		Cash Receipts from Marketings (1,000 dollars)
		Per Cwt. Milk (dollars)	Per Lb. Milkfat (dollars)	
2009	101.0	14.20	3.81	14,342
2010	89.0	18.40	4.78	16,376
2011	90.5	21.00	5.60	19,005
2012	92.8	19.00	5.07	17,632
2013	92.7	20.50	5.44	19,004

Cattle and Calves on Farms

Number and Value, Delaware, Jan. 1, 2010-2014

Year (on January 1)	All Cattle & Calves	All Cattle & Calves Value per Head	All Cattle and Calves Total Value
	Thousand Head	Dollars	Dollars
2010	20	920	18,400,000
2011	18	930	16,740,000
2012	19	1,020	19,380,000
2013	18	1,040	18,720,000
2014	16	1,110	17,760,000

Cattle: Number by Classes, Delaware, January 1, 2010 - 2014

Species and Class	2010	2011	2012	2013	2014
	1,000 head				
All Cattle and Calves - January 1	20.0	18.0	19.0	18.0	16.0
Cows (and Heifers that have calved)	10.0	8.5	8.5	8.5	7.5
Beef Cows	4.0	3.5	3.5	4.0	2.8
Milk Cows	6.0	5.0	5.0	4.5	4.7
Heifers 500 pounds and over	—	—	—	—	—
For Beef Cow Replacement	0.7	0.5	0.7	0.7	0.5
For Milk Cow Replacement	2.7	3.0	3.3	3.0	2.6
Other	0.4	0.7	0.5	0.6	0.6
Steers 500 pounds and over	2.6	2.0	2.4	1.9	2.0
Bulls 500 pounds and over	0.3	0.3	0.4	0.3	0.3
Heifers, Steers, and Bulls (under 500 pounds)	3.3	3.0	3.2	3.0	2.5
Calves Born (previous year)	6.0	7.0	6.0	5.0	—

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Hogs and Pigs on Farms

Number and Value, Delaware, December 1, 2009-2013

Year (on January 1)	All Hogs & Pigs	All Hogs & Pigs Value per Head	All Hogs and Pigs Total Value
	Thousand Head	Dollars	Dollars
2009	7.5	82.00	615,000
2010	5.5	110.00	605,000
2011	5.0	130.00	650,000
2012 ¹	5.0	120.00	600,000
2013	6.0	145.00	870,000

¹ Revised

Hogs: Number by Classes, Delaware, December 1, 2009 - 2013

Species and Class	2009	2010	2011	2012	2013
	1,000 head				
All Hogs and Pigs	7.5	5.5	5.0	5.0	6.0
Breeding Hogs	2.0	1.5	1.0	1.0	2.0
Market Hogs	5.5	4.0	4.0	4.0	4.0
Under 120 pounds	3.5	2.4	2.9	3.3	3.2
120 -179 pounds	1.0	0.7	0.8	0.5	0.5
180 - pounds and over	1.0	0.9	0.3	0.2	0.3

Sows Farrowed, Pigs per Litter and Pig Crops: Delaware, 2009 - 2013

Year	Sows Farrowed Annual Total	Pigs per Litter	Pig Crop Annual Total
	Thousand Head	Annual Average	Thousand Head
2009	4.0	9.00	36.0
2010	4.0	9.00	36.0
2011	3.1	7.74	24.0
2012 ¹	1.8	9.00	16.2
2013	2.5	8.40	21.0

¹ Revised

Meat Animals

Inventory, Supply and Disposition, Delaware, 2009-2013

Year & Species	On Hand First of Year	Births	Inshipments	Marketings ¹	Farm Slaughter ²	Deaths	On Hand End of Year
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Thousand Head

Cattle & Calves³

2009	21.0	7.5	1.0	8.2	0.3	1.0	20.0
2010	20.0	6.0	1.0	7.8	0.3	0.9	18.0
2011	18.0	7.0	1.0	5.9	0.2	0.9	19.0
2012	19.0	6.0	1.0	7.0	0.2	0.8	18.0
2013	18.0	5.0	1.0	7.1	0.2	0.7	16.0

Hogs & Pigs³

2009	9.0	36.0	2.3	38.9	0.1	0.8	7.5
2010	7.5	36.0	2.3	39.4	0.1	0.8	5.5
2011	5.5	24.0	2.3	25.9	0.1	0.8	5.0
2012	5.0	16.2	2.3	18.0	0.1	0.4	5.0
2013	5.0	21.0	2.0	21.5	0.1	0.4	6.0

¹ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the state.

² Excludes custom slaughter for farmers at commercial establishments.

³ Marketing year: cattle and calves - Jan 1 - Dec 31; hogs and pigs - Dec 1 previous year to Nov 30.

Meat Animals: Production and Income, Delaware, 2009 - 2013

Year & Species	Production ¹	Marketings ²	Average Price Per 100 Pounds		Value of Production	Cash Receipts ³	Value - Home Consumption	Gross Income
	Thousand Pounds		Dollars					

Cattle & Calves			Cattle	Calves	Thousand Dollars			
2009	6,215	6,992	81.10	95.00	5,114	5,822	634	6,456
2010	4,633	6,443	90.60	104.00	4,233	5,955	614	6,569
2011	5,459	5,080	99.87 ⁴		5,472	5,170	382	5,552
2012 ⁶	4,907	6,147	86.63 ⁴		5,664	7,130	441	7,571
2013	4,419	6,377	84.66 ⁴		5,220	7,547	328	7,875

Hogs and Pigs	Thousand Pounds	Marketings ²	Dollars	Thousand Dollars				
2009	4,241	4,683	40.00	1,793	2,106	37	2,143	
2010	4,466	4,891	54.20	2,260	2,698	50	2,748	
2011	2,810	3,222	⁵		1,645	2,170	61	2,231
2012 ⁶	2,722	2,945	⁵		1,524	1,912	59	1,971
2013	4,124	3,991	⁵		2,586	2,820	63	2,883

¹ Adjustments made for inshipments and changes in inventory.

² Excludes custom slaughter for use on farms where produced and inter-farm sales within state.

³ Receipts from marketings and sale of farm slaughter.

⁴ Average price per 100 pounds now combined for Cattle and Calves.

⁵ Discontinued

⁶ Revised

Delaware Cash Rents, 2010-2013

The 2013 Delaware Agricultural Land Survey asked renters of agricultural land how much they actually paid in rent per acre of cropland in 2013.

Renters: Rent per Acre for Non-irrigated Crop Land, Weighted ¹ Average 2010 - 2013

Year	New Castle County	Kent County	Sussex County	Delaware
	Dollars per Acre			
2010	68.16	74.14	64.48	69.09
2011	76.14	81.82	68.12	74.57
2012	82.20	83.41	72.54	78.80
2013	85.95	92.09	77.64	84.21

¹ Rent per acre weighted by number of acres rented at that dollar amount.

Renters: Rent per Acre for Irrigated Crop Land, Weighted ¹ Average 2010 - 2013

Year	New Castle County	Kent County	Sussex County	Delaware
	Dollars per Acre			
2010	(insufficient data)	111.88	101.89	105.51
2011	(insufficient data)	120.22	132.37	129.30
2012	130.43	133.38	125.45	127.56
2013	138.85	135.03	126.80	129.32

¹ Rent per acre weighted by number of acres rented at that dollar amount.

Cropland Lease Agreements

Percent of all Renters with:

County	Written Lease(s) Only	Oral Lease(s) Only	Both
New Castle	26	39	35
Kent	25	60	15
Sussex	29	54	17
Delaware	27	51	22

Renters

Percent of Acres with a Written Lease				Percent of Acres with an Oral Lease				Percent of All Acres Leased	
County	All	< 5 yrs	5 + yrs	County	All	< 5 yrs	5 + yrs	< 5 yrs	5 + yrs
New Castle	64	94	6	New Castle	36	49	51	77	23
Kent	45	46	54	Kent	55	67	33	58	42
Sussex	63	37	63	Sussex	37	54	46	43	57
Delaware	58	52	48	Delaware	42	58	42	54	46

Percent of All Renters who Rented:

Dollar Per/Acre Basis Only	Share Crop Basis Only	Variable Crop Basis Only	Share Crop & Variable Rate Basis	Dollar & Share Crop Basis	Dollar & Variable Rate Basis	Dollar, Share Crop & Variable Basis
75%	6%	1%	1%	13%	1%	3%

2012 Census of Agriculture, Delaware

Land in Farms According to Use	County			
	New Castle	Kent	Sussex	Total
Total Number of Farms	374	825	1374	2,546
Land in Farms, Acres	64,169	173,808	269,464	510,253
Total Land Area in County, Acres	272,823	376,843	599,957	1,249,176
Proportion of County Land Area in Farms, Percent	24	46	45	41
Farms by size				
1 to 9 acres	73	209	366	651
10 to 49 acres	169	261	399	802
50 to 179 acres	63	180	315	568
180 to 499 acres	34	98	157	280
500 to 999 acres	11	26	62	99
1,000 or more acres	24	51	75	146
Farms by value of sales				
Less than \$2,500	124	267	194	585
\$2,500 to \$4,999	36	66	35	137
\$5,000 to \$9,999	21	70	54	145
\$10,000 to \$24,999	39	102	99	240
\$25,000 to \$49,000	67	61	60	188
\$50,000 to \$99,999	17	40	78	135
\$100,000 or more	70	257	694	1,021
	374	863	1,214	2,451
Total Cropland				
Farms	246	619	793	1,658
Acres	56,074	147,402	235,681	439,157
Harvested Cropland				
Farms	217	540	691	1,448
Acres	53,507	141,758	226,056	421,321
Total Woodland				
Farms	143	391	539	1,073
Acres	3,278	15,770	23,136	42,184
Irrigation				
Farms	49	131	353	533
Acres	4,630	31,833	90,809	283,829

2012 Census of Agriculture, Delaware

Livestock information

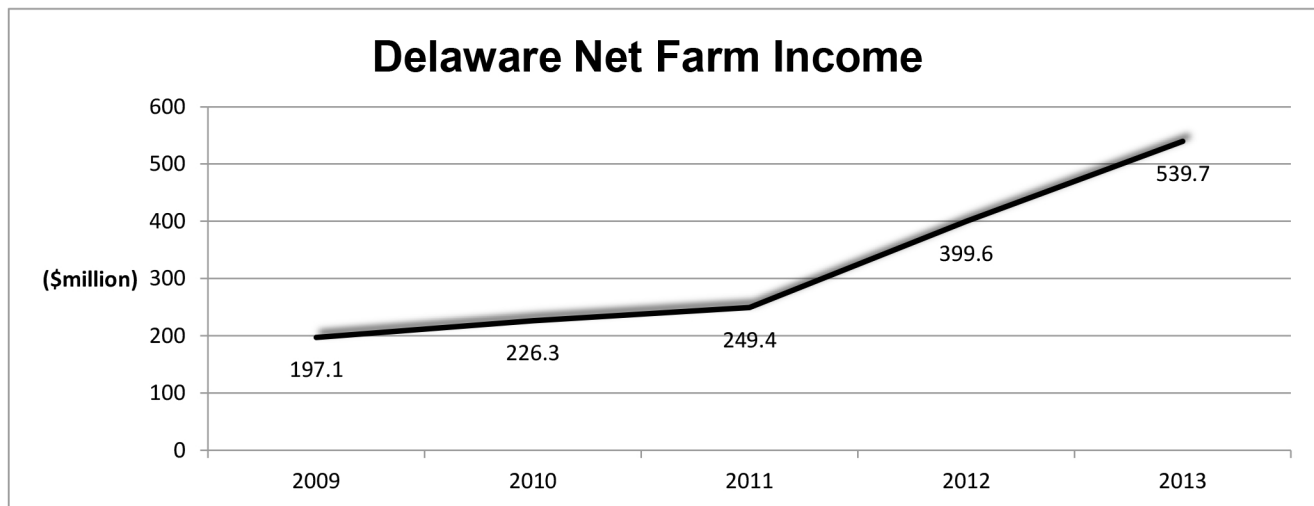
Livestock Type	County			
	New Castle	Kent	Sussex	Total
All Cattle & Calves				
Farms	64	213	154	431
Inventory	1,716	9,290	7,219	18,225
Beef Cows				
Farms	39	131	126	296
Inventory	316	1,492	2,025	3,833
Milk Cows				
Farms	11	45	21	77
Inventory	613	2,099	1,800	4,512
Cattle & Calves Sold				
Farms	46	136	111	293
Inventory	854	5,644	3,983	10,481
Hogs & Pigs				
Farms	5	33	21	59
Inventory ²	31	²	²	5,891
Sheep & Lambs				
Farms	13	41	15	69
Inventory	369	533	138	1,040
Mules, Burros, and Donkeys				
Farms	15	21	30	66
Inventory	369	533	138	1,040
Horses and Ponies				
Farms	143	329	237	709
Inventory	1,544	3,110	1,503	6,157
Rabbits				
Farms	4	11	10	25
Inventory	41	26	69	136
Goats (all)				
Farms	33	60	61	154
Inventory	273	826	909	2,008

¹ The Census of Agriculture is conducted once every five years.

² Not Available

Delaware Farm Income

Delaware net farm income was up in 2013. Net farm income increased from \$400 million in 2012 to \$540 million in 2013. The increase in net farm income was due to increased crop and livestock production, and manufactured inputs.



Farm Income, Delaware, 2009 - 2013¹

Item	2009	2010	2011	2012	2013
	Million Dollars				
Value of Agricultural Output	1,188.2	1,224.6	1,241.3	1,382.0	1,515.0
Purchased Inputs & Expenses	853.0	867.5	862.2	834.3	822.7
Net Government Transactions	7.2	15.7	11.1	4.3	4.6
Capital Consumption	70.1	71.5	74.3	58.8	62.5
Payments to Stakeholders	75.2	75.0	66.4	93.7	94.6
Net Farm Income	197.1	226.3	249.4	399.6	539.7

¹ 2009-2012 revised; 2013 preliminary

Cash Receipts from Marketings, Delaware^{1, 5}

By Commodities, 2009-2013

Commodity	2009	2010	2011	2012	2013
	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Livestock & Products	772,156	829,602	751,373	806,242	985,831
Broilers/Roasters ³	730,606	783,395	699,791	752,600	927,665
Dairy Products	14,342	16,376	19,005	17,632	19,004
Hogs	2,106	2,698	2,170	1,912	2,820
Cattle/Calves	5,822	5,955	5,170	7,130	7,547
Other ²	19,280	21,178	25,237	26,968	28,795
All Crops	255,109	266,910	336,064	403,327	309,529
Soybeans	65,355	65,481	74,880	92,834	71,040
Corn	77,117	94,781	131,393	152,425	92,770
Wheat	15,135	13,635	28,627	41,071	33,873
Vegetables, Fresh Market	43,708	42,021	45,533	45,532	46,549
Vegetables, Processing	25,670	24,679	23,457	37,254	31,033
Other Crops ⁴	28,124	26,313	32,174	34,211	34,264
All Commodities	1,027,265	1,096,512	1,087,437	1,209,568	1,295,360

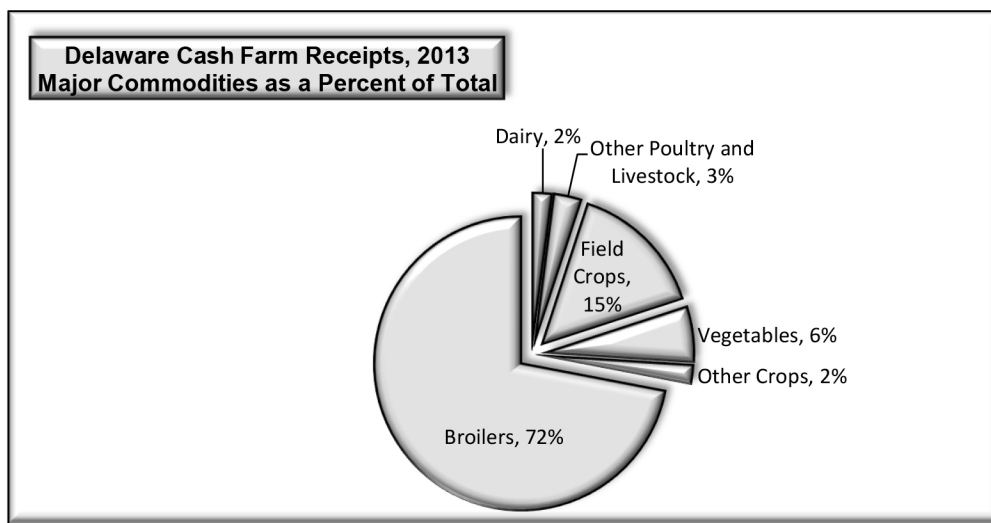
¹ Estimates by National Agricultural Statistics Service and Economic Research Service, USDA. 2009 - 2012; 2013 preliminary.

² Includes eggs, miscellaneous livestock, poultry and products, equine, etc.

³ Cash receipts for broilers includes the value of broilers owned by poultry companies (Contractors) at the point of the production cycle when they are transported from the broiler grow-out farms (Contractees) to the poultry processing plants.

⁴ Includes Barley, Hay, Fruits, Nuts, Greenhouse and Nursery

⁵ Revised



Farm Income Indicators, Delaware, 2009-2013¹

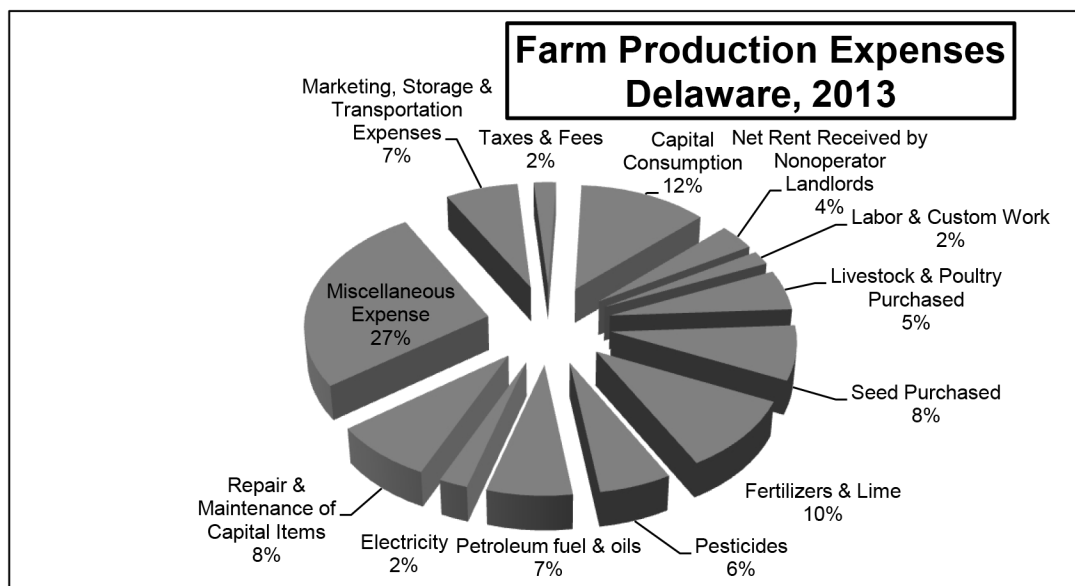
Item	2009	2010	2011	2012	2013
<i>Thousand Dollars</i>					
Final Crop Output	264,618	249,632	346,292	405,364	380,207
Final animal output	771,280	828,756	749,788	807,474	985,493
Services and forestry	152,269	146,225	145,204	169,130	149,303
Forest products sold	190	210	240	257	260
Machine hire and custom work	5,137	8,675	4,855	1,765	2,318
Other farm income	99,550	89,695	89,952	94,867	64,678
Gross imputed rental values of farm dwellings	47,392	47,645	50,157	72,241	82,046
Final agricultural sector output	1,188,167	1,224,614	1,241,284	1,381,968	1,515,003
Purchased inputs (minus)	852,973	867,504	862,246	834,309	822,713
Farm origin	517,231	543,333	537,075	464,668	474,132
Feed purchased	417,738	442,494	437,778	382,517	407,802
Livestock and poultry purchased	68,467	71,234	68,271	45,320	28,082
Seed purchased	31,026	29,605	31,026	36,832	38,248
Manufactured inputs	89,923	90,610	100,699	120,965	127,804
Fertilizers and lime	31,768	36,178	38,919	49,212	51,685
Pesticides	26,666	23,247	27,349	29,205	29,519
Petroleum fuel and oils	19,893	20,722	24,071	31,669	34,911
Electricity	11,596	10,463	10,360	10,879	11,689
Other purchased expenses	245,819	233,561	224,472	248,676	220,778
Repair and maintenance of capital items	25,611	23,227	30,657	36,362	41,299
Machine hire and custom work	4,870	3,934	4,551	2,941	3,107
Marketing, storage and transportation expenses	37,278	36,848	33,518	43,336	35,083
Contract labor	3,035	2,400	2,470	3,056	6,558
Miscellaneous expenses	175,025	167,152	153,276	162,982	134,730

Continued on next page

Farm Income Indicators, Delaware, 2009-2013, continued

Item	2009	2010	2011	2012	2013
<i>Thousand Dollars</i>					
Net government transactions (plus)	7,225	15,702	11,050	4,346	4,561
Direct Government Payments (plus)	15,897	24,347	21,014	15,404	15,303
Motor vehicle registration & licensing fees (minus)	661	573	607	739	722
Property taxes (minus)	8,011	8,072	9,357	10,319	10,021
Gross value added	342,419	372,811	390,088	552,006	696,851
Capital consumption (minus)	70,135	71,493	74,296	58,758	62,500
Net value added	272,284	301,318	315,792	493,247	634,351
Payments to stakeholders (minus)	75,188	75,035	66,416	93,687	94,609
Employee compensation total hired labor	36,201	33,013	28,434	47,159	48,595
Net rent received by nonoperator landlords	1,047	6,017	4,192	19,175	18,026
Real estate and non-real estate interest	37,940	36,005	33,790	27,352	27,988
Net Farm Income	197,096	226,283	249,376	399,561	539,742

¹ 2009 - 2012 revised, 2013 preliminary



Delaware Climate Data

Percent Probability of Last 32 - Degree F. Temperature Occurring On Or After Date in Spring

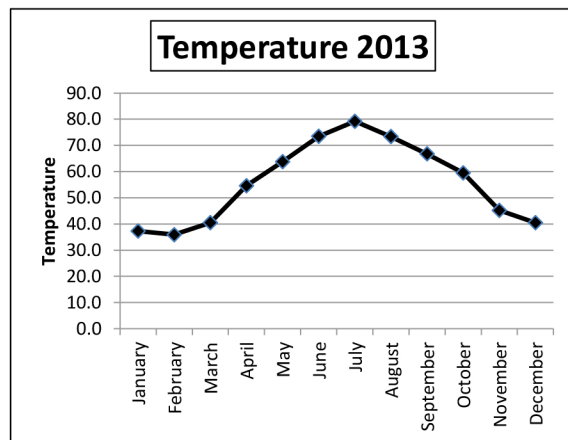
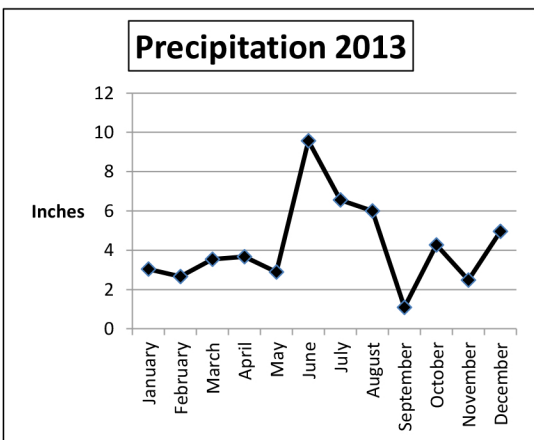
Station	10% 1 Yr. in 10	33% 1 Yr. in 3	50 % 1 Yr. in 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Apr 24	Apr 16	Apr 12	Apr 08	Mar 31
Newark	May 10	Apr 29	Apr 23	Apr 17	Apr 06
Dover	Apr 19	Apr 12	Apr 08	Apr 04	Mar 28
Georgetown	May 06	Apr 27	Apr 22	Apr 17	Apr 08

Percent Probability of First 32 - Degree F. Temperature Occurring On Or After Date in Fall

Station	10% 1 Yr. in 10	33% 1 Yr. in 3	50 % 1 Yr. in 2	67% 2 Yrs. In 3	90% 9 Yrs. In 10
Wilmington	Oct 15	Oct 24	Oct 29	Nov 03	Nov 12
Newark	Oct 05	Oct 15	Oct 20	Oct 25	Nov 03
Dover	Oct 14	Oct 22	Oct 27	Nov 01	Nov 09
Georgetown	Oct 02	Oct 11	Oct 16	Oct 21	Oct 30

Precipitation and Temperature ¹ with Departures, 2013 Delaware

Month	Precipitation		Temperatures	
	Total Precipitation	Departure from Normal	Average Temperature	Departure from Normal
January	3.04	-0.28	37.3	3.20
February	2.66	-0.25	35.9	-0.60
March	3.54	-0.66	40.5	-3.50
April	3.67	0.03	54.6	1.10
May	2.89	-0.97	63.8	1.10
June	9.57	5.84	73.5	1.40
July	6.56	2.42	79.2	2.60
August	6.00	1.88	73.4	-1.50
September	1.09	-2.88	66.8	-1.20
October	4.27	0.81	59.5	2.40
November	2.48	-0.92	45.2	-2.40
December	4.96	1.30	40.5	2.40
Annual Total	50.7	6.32	55.9	0.42



¹ Source: National Climatic Data Center, National Oceanic & Atmospheric Administration.



DELAWARE DEPARTMENT OF AGRICULTURE

2320 South DuPont Highway, Dover, DE 19901
Phone: 302-698-4500 | Toll Free: 1-800-282-8685
dda.delaware.gov

OFFICE OF THE SECRETARY

Ed Kee, Secretary of Agriculture
Austin Short, Deputy Secretary
Holly Porter, Deputy Principal Assistant
Lisa Wildermuth, Executive Secretary

Agriculture Compliance

Regulates the registration, labeling and nutrient content of commercial animal feed, pet food, fertilizer, soil conditioners, liming materials and frozen desserts. Provides testing services for nutrient content of animal/poultry manures.

Phone: 302-698-4526 | Fax: 302-697-4482
Daniel.Woodall@state.de.us

Communications and Marketing

Promotes Delaware agriculture and provides producers with marketing assistance; manages media relations, social media and DDA website.

Dan Shortridge, media relations: 302-698-4520,
Daniel.Shortridge@state.de.us
David Smith, farmers' markets, value-added producers, retailers, exports: 302-698-4522, DavidM.Smith@state.de.us
JoAnn Walston, grants, Farm to School: 302-698-4592,
JoAnn.Walston@state.de.us
Celene Walton, administrative specialist: 302-698-4535,
Celene.Walton@state.de.us

Delaware Standardbred Breeders' Fund

Oversees and maintains records and funds pertaining to the breeding of Standardbred horses in the state racing program.
302-698-4610 | Judy.Davis-Wilson@state.de.us

Food Products Inspection

Assures that domestic meat and poultry products distributed to consumers are safe and labeled properly, and provides grading services for eggs, fruits and vegetables.

Andrea Jackson, Food Products Inspection Administrator
302-698-4545 | Andrea.jackson@state.de.us
Meat Inspection
302-698-4542 | Deborah.Mowery@state.de.us
Fruit & Vegetable Inspection
302-698-4546 | Brenda.Clements@state.de.us

Forest Service

Protects and enhances forest resources.
302-698-4500 | Michael.Valenti@state.de.us

Harness Racing Commission

Regulates harness racing.
Mark Davis: 302-698-4559 | Mark.Davis@state.de.us
Donna Krol: 302-698-4599 | Donna.Krol@state.de.us

Aglands Preservation and Planning

Promotes farmland preservation, including managing Delaware's Farmland Preservation Program.
302-698-4505 | Austin.Short@state.de.us

Nutrient Management

Manages those activities involving the generation and application of nutrients in order to help maintain and improve the quality of Delaware's ground and surface waters.
302-698-4555 | Larry.Towle@state.de.us

Pesticides

Regulates pesticide distribution, use storage, sales & disposal.
302-698-4570 | Christopher.Wade@state.de.us

Plant Industries

Prevents the introduction, establishment and spread of plant and honeybee pests; performs grain and seed inspections and tests.
302-698-4587 | Faith.Kuehn@state.de.us

Poultry and Animal Health

Protects domestic animals and poultry from the introduction and spread of infectious diseases, including those transmissible to the human population.
302-698-4561 | Heather.Hirst@state.de.us

Thoroughbred Racing Commission

Regulates thoroughbred racing under the rules and regulations of the Commission.
302-994-2521, ext. 8970 | John.Wayne@state.de.us

Weights & Measures

Safeguards the public against fraud during transactions that require weighing, measuring or counting.
302-698-4602 | Steven.Connors@state.de.us

State and Regional Agricultural Boards, Associations and Organizations

Delaware Agricultural Museum and Village

Di Rafter
866 N. Dupont Hwy., Dover, DE 19901
302-734-1618 | www.agriculturalmuseum.org

Delaware Agritourism Association

P.O. Box 222, Georgetown, DE 19947
302-684-1514

Arabian Association of Delmarva

Reese Woose
14984 Staytonville Rd., Lincoln, DE 19960
302-236-2095

Delaware Aquaculture Association

John Ewart
70 Sussex Drive, Lewes, DE 19958
302-645-4060 | ewart@udel.edu |
<http://darc.cms.udel.edu/DAA/daa.html>

Delaware Beef Advisory Board

Wally Gott
PO Box 0515, Camden, DE 19934
excessacres@verizon.net | www.delawarebeef.org

Delaware Beekeepers Association

Ken Outten
Little Mastens Corner Road, Felton, DE 19743
302-284-4767 | ken.outten@comcast.net |
www.delawarebeekeepers.com

Delmarva Cattlemen's Association

Chris Breeding
361 Tomahawk Branch Rd., Greenwood, DE 19950
302-349-9785

Delaware Certified Thoroughbred Program

777 Delaware Park Blvd.
Wilmington, DE 19804
302-994-2398 | dctprogram@aol.com |
www.dtha.com

Delaware Christmas Tree Growers Association

H. James Landis
Box 116, Harbeson, DE 19951
landistreefarm@aol.com |
www.delawarechristmastreegrowersassn.com

Maryland-Delaware Forage Council Inc.

Richard Taylor, University of Delaware
Plant & Soil Sciences, 152 Townsend Hall
Newark, DE 19716
302-831-1383 | rtaylor@udel.edu

Delaware Forestry Association

Brian Michalski
PO Box 344, Bridgeville, DE 19933
www.delawareforest.com

Fruit & Vegetable Growers Association of Delaware

John Filasky, Jr.
1343 Bunker Hill Rd., Middletown, DE 19709
302-378-2754 |
delawarefruitvegetable.wordpress.com

Future Farmers of America (FFA) Delaware

Stacy Hofmann
Education Association for Agriscience
DE Dept of Education, 401 Federal Street, Dover, DE
302-857-6493 | shofmann@delawareffa.org

Delmarva Goat Association

Maida Graves
69 Transportation Circle, Dover, DE 19901
302-422-5746 | Delmarvagoat@yahoo.com |
www.delmarvagoat.com

Delaware Nursery & Landscape Association

Val Budischak
P.O. Box 897, Hockessin, DE 19707
888-448-1203 | dnlainc@comcast.net |
www.dnlaonline.org

Delaware Pork Producers

John Tigner
2582 Arthursville Rd., Hartly, DE 19953
302-492-8794 | www.delawarepork.org

State and Regional Agricultural Boards, Associations and Organizations

Delaware Potato Growers Association

Ken Wicks
PO Box 286, Middletown, DE 19709
302-378-2864

Delmarva Poultry Industry, Inc.

Bill Satterfield
16686 County Seat Hwy., Georgetown, DE 19947
302-856-9037 | dpi@dpichicken.com |
www.dpichicken.org

Delaware Sheep & Wool Producers Association Inc.

Joanne Lessard
7299 Bayside Dr., Dover, DE 19901
302-734-5743 | aljl1991@aol.com

Delaware Soybean Board

Susanne Zilberfarb
PO Box 319, Salisbury, MD 21803
Phone: 703-437-0995 | Fax: 703-437-0996 |
Susanne@hammondmedia.com |
www.desoybeans.org

Delaware State Grange

911 S. Governors Ave., Dover, DE 19901
302-734-4653 | destategrange@aol.com |
www.delawaregrange.org

Delaware Wineries Association

Chuck Nunan
447 Westville Rd., Marydel, DE 19964
302-994-8442 |
www.delawarewineriesassociation.com

Mar-Del Watermelon Association

Michelle Wright
PO Box 319, Hebron, MD 21810
410-749-9587 | Michelle@wrightsmarket.com |
www.mardelwatermelon.org

Mid-Atlantic Soybean Association

Steve Connelly
51 South View Road, Rising Sun, MD 21911
202-445-9955 | www.midatlanticsoy.org

Delaware Crop Improvement Association

2320 S. Dupont Hwy., Dover, DE 19901
302-698-4596 | Lisa.Jones@state.de.us |
www.croplifeamerica.org

Delaware Dairy Princess Committee

Sara Busker
315 Bullock Road, Harrington, DE 19952
302-270-8359 | saraebreeding@gmail.com |
www.dairyspot.com/farming/dairy-princesses

DELAWARE CONSERVATION DISTRICTS

Kent County

Timothy Riley
800 Bay Rd. Suite #2
Dover, DE 19901-4667
Phone: 302-741-2600 (ext 3) | Fax: 302-741-0347 |
kentcd.org

New Castle County

Kevin Donnelly
2430 Old County Rd., Newark, DE 19702-4702
Phone: 302-832-3100 (ext 3) | **Fax:** 302-834-0783 |
www.newcastleconservationdistrict.org

Sussex County

David Baird
21315 Berlin Rd. Unit #4, Georgetown, DE 19947
Phone: 302-856-3990 (ext 3) | Fax: 302-856-4381 |
sussexconservation.org

EQUINE GROUPS

Delaware Equine Council

Stan Vonasek
P.O. Box 159, Harrington, DE 19952
302-684-3966 | www.delawareequinecouncil.org

Delaware Pony Breeders

302-736-0673

State and Regional Agricultural Boards, Associations and Organizations

EQUINE GROUPS, continued

Delaware Quarter Horse & Youth Association

Buddy Mowbray
5529 D Kennel Road, Rhodesdale, MD 21659
410-310-8641 | www.dqha.net

Delaware Paint Horse Club

Kim Westcott
1438 Staytonville Rd., Greenwood, DE 19950
302-258-5405 | www.dphconline.com

Delaware Standardbred Owners Association, Inc.

830 Walker Square, Suite # 112, Dover, DE 19904
302-678-3058 | www.dsoaonline.com

Delaware Thoroughbred Horsemen's Association

777 Delaware Park Boulevard, Wilmington, DE 19804
302-994-2521 ext. 7284 | www.dtha.com

FARM BUREAU

Delaware Farm Bureau

Katherine "Kitty" Holtz, President
3457 S Dupont Hwy., Camden, DE 19934
302-697-3183 | www.defb.org

Kent County Farm Bureau

Jonathan Thompson, President

New Castle Farm Bureau

Stewart Ramsey, President

Sussex County Farm Bureau

Jesse Vanderwende, President

Delaware Universities Agricultural Programs and Assistance

Delaware State University

Dean, College of Agriculture and Related Sciences
Dr. Dyremple Marsh
1200 N. DuPont Hwy., Dover, DE 19901
302-857-6400 | dmarsh@desu.edu

Associate Dean for Cooperative Extension Service
Dr. Albert Essel
1200 N. DuPont Hwy., Dover, DE 19901
Phone: 302-857-6425 | Fax: 302-857-6430 |
aessel@desu.edu

Chair, Agriculture and Natural Resource Department
Richard Barczewski
1200 N. DuPont Hwy., Dover, DE 19901
302-857-6410 | rbarczewski@desu.edu

John Clendaniel, Small Farms Program
1200 N. DuPont Hwy., Dover, DE 19901
Phone: 302-857-6425 | Fax: 302-857-6430 |
jclendan@desu.edu

Delaware Universities

Agricultural Programs and Assistance

Delaware Technical & Community College

Kyle Serman, Chairperson
PO Box 610, Georgetown, DE 19947
302-855-5929 | kserman@dtcc.edu |
www.dtcc.edu/agribusiness

University of Delaware

Dean, College of Agriculture & Natural Resources
Dr. Mark Rieger
531 S. College Ave., 113 Townsend Hall, Newark, DE
19716 | 302-831-2501 | ag.udel.edu |
mrieger@udel.edu

Associate Dean, Extension & Outreach,
Director of Extension
Michelle Rodgers, PhD.
531 S. College Ave., 113 Townsend Hall, Newark, DE
19716 | 302-831-2504 | mrodgers@udel.edu

State Climatologist

Daniel Leathers
S. College Ave., 111A Robinson Hall, Newark, DE
19716
302-831-8764 | leathers@udel.edu

Delaware Geological Survey

Dr. David Wunsch
Delaware Geological Survey Building, 257 Academy St.,
Newark DE 19716-7501 | 302-831-2833 |
www.dgs.udel.edu

COOPERATIVE EXTENSION SERVICE

New Castle County

Dan Severson
461 Wyoming Rd., Newark, DE 19716
Phone: 302-831-2506 | Fax: 302-831-8934

Marie Pippidis, Family & Consumer Science Agent
461 Wyoming Rd, Newark, DE 19716
Phone: 302-831-1239 | Fax: 302-831-8934 |
pippidis@udel.edu

Nancy Fisher Gregory, Plant Pathology
151 Townsend Hall, Newark, DE 19716
Phone: 302-831-1390 | Fax: 302-831-0605 |
ngregory@udel.edu

Susan Barton, Ornamental Horticulture
531 S. College Ave, 113 Townsend Hall, Newark, DE
19716 | Phone: 302-831-1375 | Fax: 302-831-0605
| sbarton@udel.edu

Joanne Whalen, IPM Fruits and Vegetables
531 S. College Ave, 113 Townsend Hall, Newark, DE
19716
Phone: 302-831-1303 | Fax: 302-831-8889 |
jwhalen@udel.edu

Carl German, Crops Marketing
531 S. College Ave, Newark, DE 19716
Phone: 302-831-1317 | Fax: 302-831-0605 |
clgerman@udel.edu

Mallory Vogl, 4-H Program
461 Wyoming Rd., Newark, DE 19716
Phone: 302-831-8965 | Fax: 302-831-8934 |
mvogl@udel.edu

Delaware Universities

Agricultural Programs and Assistance

Kent County

69 Transportation Circle, Dover, DE 19901
Phone: 302-730-4000 | Fax: 302-735-8130

Phillip Sylvester, Agriculture Agent, phillip@udel.edu
Kathleen Splane, Family & Consumer Science Agent,
ksplane@udel.edu
Susan Garey, Livestock, truehart@udel.edu
Doug Crouse, 4-H Program, dcrouse@udel.edu

Sussex County

16483 County Seat Hwy., Georgetown, DE 19947
Phone: 302-856-7303 | Fax: 302-856-1845

Cory Whaley, Agriculture Agent, whaley@udel.edu
Anne Camasso, Family & Consumer Science Agent,
camasso@udel.edu

Gordon Johnson, Vegetable & Fruit Specialist,
gcjohnson@udel.edu
Emmalea Ernest, Vegetable Crops,
emmalea@udel.edu
Sydney Young Riggi, Nutrient Management,
sydney@udel.edu
Mark Isaacs, Director, Research and Education Center,
Isaacs@udel.edu
Mark VanGessel, Weed Science and Crop
Management, mjev@udel.edu

Jill Jackson, 4-H Program
Phone: 302-856-2585 | Fax: 302-856-1845 |
jackson@udel.edu

Tracy Wooten, Horticulture Extension Specialist
Phone: 302-856-2585 | Fax: 302-856-1845 |
wootten@udel.edu

National Commodity Boards and Agricultural Associations

American Agricultural Economics Association

555 E. Wells St. Suite #1100, Milwaukee, WI 53202
414-918-3190 | www.aaea.org

American Agri-Women

2343 Shiloh Road, Billings, MT 59106
406-860-8888 | www.americanagriwomen.org

American Angus Association

3201 Frederick Ave., Saint Joseph, MO 64506
816-383-5100 | www.angus.org

American Farmland Trust

1150 Connecticut Ave. Suite #600, Washington, DC
20036 | 202-331-7300 | www.farmland.org

American Horse Council

1616 H St. NW, 7th Floor, Washington, DC 20006
202-296-4031 | www.horsecouncil.org

American Mushroom Institute

Laura L. Phelps
One Massachusetts Ave. NW, Suite #800, Washington,
D.C. 20001 | 202-842-4344 | ami@mwmlaw.com

American Nursery & Landscape Association

1000 Vermont Ave. NW, Ste # 300, Washington, DC
20005 | 202-789-2900 | www.anla.org

National Commodity Boards and Agricultural Associations

American Soybean Association

12125 Woodcrest Executive Dr, Suite 100, St. Louis,
MO 63141
800-688-7692 | www.soygrowers.com

CropLife America

1156 15th St. NW, Suite #400, Washington, DE 20005
202-296-1585 | www.croplifeamerica.org

Dairy Farmers of America

10220 N. Ambassador Dr., Kansas City, MO 64153
816-801-6455 | www.dfamilk.com

Future Farmers of America FFA (National)

PO Box 68960, Indianapolis, IN 46268-0960
Phone: 317-802-6060 | Fax: 317-802-6051 |
www.ffa.org

National Association of State Departments of Agriculture (NASDA)

4350 N Fairfax Drive #910, Fairfax, VA 22203
202-296-9680 | www.nasda.org

National Chicken Council

1152 15th St. NW, Suite #430, Washington, DC 20005
202-296-2622 | www.nationalchickencouncil.org

National Corn Growers Association

632 Cepi Dr., Chesterfield, MO 63005
636-733-9004 | www.ncga.com

National Grain and Feed Association

1250 I St. NW, Suite #1003, Washington, DC 20005
202-289-0873 | www.ngfa.org

National Pork Producers Council

122 C St. NW, Suite #875, Washington, DC 20001
202-347-3600 | www.pork.org

U.S. Department of Agriculture

Animal and Plant Health Inspection Service (APHIS)

Kent Holm, DMV
33788 Walnut Grove Dr. Unit #5, Lewes, DE 19958
804-343-2560 | kent.b.holm@aphis.usda.gov |
www.aphis.usda.gov/plant_health

Wildlife Services

Kevin Sullivan, State Director DE, MD, & DC
1568 Whitehall Road, Annapolis, MD 21401
410-349-8055 | Kevin.sullivan@aphis.usda.gov |
www.aphis.usda.gov/wildlife_damage

Economic Research Service (ERS)

1400 Independence Ave SW, Mail Stop 1800, Washing-
ton, DC 20250-0002
202-694-5050 | infocenter@ers.usda.gov |
www.ers.usda.gov/statefacts/de.htm

U.S. Forest Service

1400 Independence Ave. SW, Washington, DC
20250-0003 | 202-205-8333 |
www.fs.fed.us/spf/coop/programs/loa/flp

U.S. Department of Agriculture

National Agricultural Statistics Service, Delaware

Chris Cadwallader, Director
2320 S. DuPont Hwy., Dover, DE 19901
302-698-4537 | www.nass.usda.gov/de

Farm Service Agency (FSA)

Bob Walls, State Executive Director

1221 College Park Dr. Suite #201, Dover, DE 19904
Phone: 302-678-4250 | Fax: 302-678-9100 |
bob.walls@de.usda.gov | www.fsa.usda.gov

New Castle County

Maryann Reed, County Executive Director
2430 Old County Rd., Newark, DE 19702-4702
Phone: 302-832-3100 (ext 2) | Fax: 855-401-6678 |
Maryanne.Reed@de.usda.gov

Kent County

Maryann Reed, County Executive Director
800 S. Bay Rd. Suite #2, Dover, DE 19901-4667
Phone: 302-741-2600 (ext 2) | Fax: 855-401-6678 |
Maryann.Reed@de.usda.gov

Sussex County

Gregory Hudson, County Executive Director
21315 Berlin Rd. Unit #1, Georgetown, DE 19947
Phone: 302-856-3990 (ext 2) | Fax: 855-401-1964 |
Gregory.Hudson@de.usda.gov

Rural Development (RD)

William McGowan, State Director
1221 College Park Dr. Suite #200, Dover, DE 19904
Phone: 302-857-3580 | Toll Free: 800-670-6553 |
Fax: 302-857-3640 | www.rurdev.usda.gov |
bill.mcgowan@de.usda.gov

Natural Resources Conservation Service (NRCS)

Kasey Taylor, State Conservationist

1221 College Park Dr. Suite #100, Dover, DE 19904-
8724 | Phone: 302-678-4160 | Fax: 302-678-0843 |
Kasey.Taylor@de.usda.gov

New Castle County

Marianne Hardesty
2430 Old County Rd., Newark, DE 19702-4702
Phone: 302-832-3100 | Fax: 302-834-0783 |
Marianne.Hardesty@de.usda.gov

Kent County

Thomas Wiltbank
800 S Bay Rd. Suite #2, Dover, DE 19901
Phone: 302-741-2600 | Fax: 302-741-0347 |
Thomas.wiltbank@de.usda.gov

Sussex County

Thelton Savage
21315 Berlin Rd. Unit # 3, Georgetown, DE 19947
Phone: 302-856-3990 | Fax: 302-856-4381 |
thelton.savage@de.usda.gov

NASS Surveys: The Foundation of Estimates

The primary sources of information for NASS reports are those who know the most – farmers and ranchers, livestock feeders, slaughterhouse managers, grain elevator operators, and other agribusinesses – who also make extensive use of forecasts and estimates. Their cooperation is absolutely vital to a workable and meaningful estimating program. NASS relies on survey respondents to voluntarily supply data for most reports.

The success of this cooperative relationship can be attributed to respondents' recognition of the importance of the survey results and to the confidential treatment NASS accords all data on individual operations.

The information for NASS surveys is gathered in a variety of ways: mail surveys, telephone interviews, electronic data reporting (EDR) face-to-face interviews, and field observations.

Probability Surveys

Most estimates are based on data collected from a sample of a given population. The samples are designed so that the chance, or probability, of including a particular operation in the sample is known before the survey is carried out. The sample data can be used to measure how much the survey estimates could differ from the population values. This measure of variability, due to selecting a sample rather than collecting data from each member of the population, as in a census, is called the sampling error.

The data from a probability-based sample can then be used to make precise inferences about the population. This survey technique has distinct advantages over a census: it takes less time, costs less, and can actually be more accurate because fewer errors are made in reporting and handling the smaller quantities of data. Also, the results of the survey stand alone; they do not depend on relationships to other sets of data, such as the Census of Agriculture.

NASS employs two basic techniques to sample farmers, ranchers, and agribusinesses: area frame sampling and list frame sampling.

Area Frame Samples

In area frame sampling, NASS relies on satellite imagery, aerial photos, and maps to divide the U.S. land area into small segments. An average segment might be about 1 square mile, and each has unique and identifiable boundaries outlined on aerial photographs or maps. An area frame sample is a random selection of these segments drawn onto aerial photos. Field investigators called enumerators visit the segments and record information about agricultural activity within the segment boundaries.

The area frame technique can be used to collect information about crops, operator households, animals, grain storage facilities, environmental factors, and so on.

In most States, the segments in the area frame are classified for sampling purposes into four broad categories: land intensively cultivated for crops; land used primarily for livestock production; residential and business areas in cities and towns; and areas devoted to parks, military installations, and other uses. The area frame sample provides continuous coverage of all agricultural activity in the United States, regardless of changes in farm boundaries and management. This sampling technique guards against omission or duplication in the statistics.

List Frame Samples

NASS also uses list frame sampling for many of its survey programs. Samples are drawn from a list containing names, addresses, telephone numbers, and other descriptive data on producers and agribusinesses. Using these descriptive data, list samples can be targeted to the producers of the commodities of interest for a survey. List frame samples can be more efficient and precise than area frame samples if the list frame information is relatively accurate, especially for surveys on rare commodities. A survey using a list frame sample can cost less than an area frame survey since the data can be collected by mail or telephone. Area frame sampling requires face-to-face interviews, which are more costly.

NASS keeps the list frame as complete as possible, especially for the larger producers, by obtaining records for new or omitted operations from other USDA lists, producer association lists, and other source.

Multiple Frame Samples

Each June, NASS conducts an area frame survey, in which farmers located in area frame segments are visited by enumerators to get a firsthand accounting of their agricultural activities. This survey collects data on crop acreage, grain stocks, number of farms and land in farms, livestock inventories, pigs farrowed, calves born, farm labor, and other items for State, regional, and national estimates.

The area frame sample for June contains about 10,000 area segments – roughly 0.5 percent of the total land area in the 48 contiguous States – which translates into interviews with roughly 39,000 farm operators. After locating each area frame operator, the enumerator explains the purpose and importance of the survey and asks a number of questions. The enumerator carefully records

all of the operator's answers. Questionnaires are then sent to the local NASS field office, where they are checked for completeness and consistency. Data are combined from the list frame and area frame samples to provide multiple frame estimates for numerous survey items.

Surveys at other times of the year combine data from area frame operators who are not on the list frame with list frame sample data to provide survey estimates of crop acreage, crop production, and livestock inventories.

Quality controls have been built into the data collection process to ensure the accuracy of survey results. These safeguards include careful selection and training of enumerators, use of detailed instruction manuals, careful field supervision, questionnaire checks, comparison of reported acreages with those measured on the aerial photographs, and follow-up visits to some segments.

Objective Yield Surveys

During the growing season, crop conditions and yields are monitored in thousands of fields by enumerators who count the number of plants and, later in the season, count and measure ears, pods, bolls, and so on. The crop development data gathered through these objective yield surveys are used to forecast yields and/or project production for corn, wheat, cotton, soybeans, potatoes, burley tobacco, onions, and a variety of fruits and nuts.

With the farmer's permission, an enumerator walks a randomly chosen number of paces into a selected field and marks off a small sample plot – no matter what the condition of the crop at that location. This practice minimizes selection bias that could skew the final estimate.

At the designated field location, the enumerator counts the number of plants and measures the distance between rows to determine plant population per acre. Then the enumerator counts immature and mature fruit, such as cotton blooms and bolls; soybean branches, nodes, and pods; wheat heads and spikelets; or ears of corn; and records the crop's stage of development. With the data on plant population per acre and projected yield per plant, statisticians can forecast yield per acre at the State level.

All objective yield surveys except potatoes require enumerators to repeat their visits to the sample plots several times during the growing season. When the crop reaches maturity, they harvest a portion of each plot by hand, and send samples to a laboratory for weight and moisture analysis. When the farmer harvests fields containing the plots, enumerators make their final visits to the sample plots to determine harvesting losses and estimate net yields.

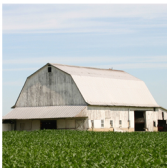
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