



Keystone Ag Digest

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| <i>This publication may be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."</i> | | | |

Note to Survey Respondents: Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually. **Thank you** for taking the time to complete our surveys!

MILK PRODUCTION

Milk production in Pennsylvania during December 2007 totaled 891 million pounds, up 0.2 percent from last December's production. The number of milk cows in the state during the month averaged 550,000 head, the same as November and up 1,000 head from December 2006.

Production per cow averaged 1,620 pounds in December, 40 pounds more than November and unchanged from December 2006.

Milk production in the 23 states surveyed during December 2007 totaled 14.4 billion pounds, up 3.1 percent from production in these same states in December 2006. November revised production, at 13.8 billion pounds, was up 3.9 percent from November 2006. The November revision represented an increase of 13 million pounds from last month's preliminary production estimate.

Production per cow in the 23 major States averaged 1,719 pounds for December, 29 pounds above December 2006. The number of milk cows on farms in the 23 major states was 8.38 million head, 107,000 head more than December 2006, and 14,000 head more than November 2007.

DAIRY PRODUCTS

United States' butter production was 132 million pounds, 11.7 percent above November 2006 and 2.1 percent above October 2007. Total cheese output (excluding cottage cheese) was 808 million pounds, 1.2 percent above November 2006 but 1.9 percent below October 2007. Italian type cheese production totaled 343 million pounds, 4.0 percent above November 2006 but 1.3 percent below October 2007. American type cheese production totaled 323 million pounds, 3.5 percent above November 2006 and 0.7 percent above October 2007. Frozen products: (comparisons with November 2006) Ice cream, regular (hard) --- 56.4 million gallons, down 4.3 percent. Ice cream, lowfat (total) --- 24.2 million gallons, up 4.2 percent. Sherbet (hard) --- 3.37 million gallons, up 9.5 percent. Frozen yogurt (total) --- 3.59 million gallons, down 18.6 percent.

PRODUCTION OF SELECTED DAIRY PRODUCTS

| Products | Nov 2006 | Oct 2007 | Nov 2007 |
|--------------------------------|----------|----------|----------|
| <i>000 Lbs.</i> | | | |
| PENNSYLVANIA | | | |
| Butter..... | 6,306 | 5,736 | 5,729 |
| Ice Cream..... | 2,455 | 2,847 | 2,221 |
| UNITED STATES | | | |
| Butter..... | 118,097 | 129,225 | 131,915 |
| Cheese: | | | |
| American Types | 312,210 | 320,798 | 323,086 |
| Swiss | 25,159 | 26,246 | 25,492 |
| Brick and Muenster..... | 8,824 | 10,763 | 8,988 |
| Cream and Neufchatel | 78,955 | 77,553 | 68,319 |
| Mozzarella | 259,149 | 274,991 | 271,197 |
| Other Italian | 70,993 | 72,706 | 72,095 |
| Total Italian Types..... | 330,142 | 347,697 | 343,292 |
| All Other..... | 27,811 | 23,722 | 23,313 |
| Total..... | 798,104 | 823,870 | 807,967 |
| NF Dry Milk, Human | 76,914 | 98,694 | 98,364 |
| Yogurt, Plain & Flavored | 238,194 | 296,585 | 264,217 |
| <i>000 Gal.</i> | | | |
| FROZEN PRODUCTS: | | | |
| Ice Cream, Hard | 58,922 | 69,435 | 56,400 |
| Ice Cream, Lowfat | 23,224 | 29,305 | 24,208 |
| Ice Cream, Nonfat | 784 | 936 | 826 |
| Sherbet, Hard | 3,079 | 4,007 | 3,372 |
| Frozen Yogurt, Total..... | 4,408 | 4,085 | 3,589 |
| FOR PRODUCTS: | | | |
| Ice Cream Mix | 32,473 | 37,422 | 32,250 |
| Ice Cream Mix, Lowfat..... | 13,360 | 16,682 | 13,801 |
| Ice Cream Mix, Nonfat..... | 520 | 518 | 458 |
| Sherbet Mix | 2,269 | 2,492 | 2,081 |
| Yogurt Mix | 2,601 | 2,476 | 2,175 |

MILK COWS & MILK PRODUCTION

| Item | Unit | Pennsylvania | | | 23 States | | |
|-----------------------|-----------|--------------|----------|----------|-----------|----------|----------|
| | | Dec 2006 | Nov 2007 | Dec 2007 | Dec 2006 | Nov 2007 | Dec 2007 |
| Milk Cows | Thous. | 549 | 550 | 550 | 8,276 | 8,369 | 8,383 |
| Milk Per Cow..... | Lbs. | 1,620 | 1,580 | 1,620 | 1,690 | 1,654 | 1,719 |
| Milk Production | Mil. Lbs. | 889 | 869 | 891 | 13,983 | 13,846 | 14,414 |

ANNUAL SUMMARY OF FIELD CROPS

| Crop | Year | Pennsylvania | | | | United States | | | | Unit |
|---------------------|------|---------------|------------------|------------|---------|---------------|---------------------|------------|------------|------|
| | | Acreage (000) | | Production | | Acreage (000) | | Production | | |
| | | Planted | Harvested | Per Acre | (000) | Planted | Harvested | Per Acre | (000) | |
| Corn | 2005 | 1,350 | 960 ¹ | 122.0 | 117,120 | 81,779 | 75,117 ¹ | 148.0 | 11,114,082 | Bu. |
| | 2006 | 1,350 | 960 ¹ | 122.0 | 117,120 | 78,327 | 70,648 ¹ | 149.1 | 10,534,868 | Bu. |
| | 2007 | 1,410 | 980 ¹ | 128.0 | 125,440 | 93,600 | 86,542 ¹ | 151.1 | 13,073,893 | Bu. |
| Wheat, Winter | 2005 | 150 | 145 | 54.0 | 7,830 | 40,433 | 33,794 | 44.4 | 1,499,129 | Bu. |
| | 2006 | 160 | 150 | 59.0 | 8,850 | 40,575 | 31,117 | 41.7 | 1,298,081 | Bu. |
| | 2007 | 170 | 155 | 58.0 | 8,990 | 44,987 | 35,952 | 42.2 | 1,515,989 | Bu. |
| Oats | 2005 | 140 | 110 | 55.0 | 6,050 | 4,246 | 1,823 | 63.0 | 114,878 | Bu. |
| | 2006 | 135 | 110 | 64.0 | 7,040 | 4,168 | 1,566 | 59.8 | 93,638 | Bu. |
| | 2007 | 115 | 80 | 56.0 | 4,480 | 3,760 | 1,505 | 60.9 | 91,599 | Bu. |
| Barley..... | 2005 | 55 | 47 | 72.0 | 3,384 | 3,875 | 3,269 | 64.8 | 211,896 | Bu. |
| | 2006 | 55 | 46 | 81.0 | 3,726 | 3,452 | 2,951 | 61.1 | 180,165 | Bu. |
| | 2007 | 55 | 42 | 73.0 | 3,066 | 4,020 | 3,508 | 60.4 | 211,825 | Bu. |
| Sorghum | 2005 | 11 | 4 ² | 50.0 | 200 | 6,454 | 5,736 ² | 68.5 | 392,933 | Bu. |
| | 2006 | 13 | 5 ² | 66.0 | 330 | 6,522 | 4,937 ² | 56.2 | 277,538 | Bu. |
| | 2007 | 15 | 3 ² | 56.0 | 168 | 7,718 | 6,805 ² | 74.2 | 504,993 | Bu. |
| Soybeans | 2005 | 430 | 420 | 41.0 | 17,220 | 72,032 | 71,251 | 43.0 | 3,063,237 | Bu. |
| | 2006 | 430 | 425 | 40.0 | 17,000 | 75,522 | 74,602 | 42.7 | 3,188,247 | Bu. |
| | 2007 | 425 | 420 | 41.0 | 17,220 | 63,631 | 62,820 | 41.2 | 2,585,207 | Bu. |
| Hay, All..... | 2005 | - | 1,600 | 2.12 | 3,397 | - | 61,729 | 2.45 | 151,017 | Ton |
| | 2006 | - | 1,750 | 2.93 | 5,125 | - | 60,927 | 2.34 | 142,336 | Ton |
| | 2007 | - | 1,800 | 2.33 | 4,200 | - | 61,625 | 2.44 | 150,304 | Ton |
| Hay, Alfalfa..... | 2005 | - | 510 | 2.60 | 1,326 | - | 22,439 | 3.39 | 76,149 | Ton |
| | 2006 | - | 500 | 3.00 | 1,500 | - | 21,434 | 3.36 | 72,006 | Ton |
| | 2007 | - | 600 | 3.00 | 1,800 | - | 21,670 | 3.35 | 72,575 | Ton |
| Tobacco, All | 2005 | - | 5.0 | 2,140 | 10,700 | - | 297.1 | 2,171 | 645,015 | Lbs. |
| | 2006 | - | 7.9 | 2,056 | 16,240 | - | 339.0 | 2,146 | 727,347 | Lbs. |
| | 2007 | - | 7.9 | 2,177 | 17,200 | - | 356.0 | 2,187 | 778,624 | Lbs. |
| Potatoes, Fall..... | 2005 | 11.5 | 11.0 | 250 | 2,750 | 967.7 | 949.0 | 403 | 382,743 | Cwt. |
| | 2006 | 11.0 | 10.5 | 260 | 2,730 | 993.7 | 983.0 | 406 | 398,921 | Cwt. |
| | 2007 | 10.5 | 10.0 | 220 | 2,200 | 1,010.6 | 996.7 | 410 | 409,082 | Cwt. |

¹ Corn for grain, remainder of planted acres for silage and other uses. ² Sorghum for grain, remainder of planted acres for silage and other uses.

CROP PRODUCTION

Based on year end acreage and yield data, production of alfalfa dry hay, winter wheat, soybeans, corn for grain, sorghum for silage, Southern Maryland and Pennsylvania seedleaf type tobaccos in Pennsylvania was above last year's production. Production of corn for silage, sorghum for grain, oats, barley, fall potatoes, burley tobacco and other dry hay were below last year's production.

Corn for grain production totaled 125.4 million bushels, up 7 percent from last year's production. Corn acres harvested for grain was estimated at 980,000 and the average yield was 128 bushels per acre, up 6 bushels from 2006 and 2005. Corn for silage production at 6.8 million tons, was down 1 percent from production in 2006 and 2005. Acres harvested for silage totaled 410,000, up 8 percent from 2006 and 2005. Silage yield was 16.5 tons per acre, down 1.5 tons per acre from both the 2006 and 2005 yields.

Alfalfa dry hay production was 1.80 million tons, 20 percent above last year's production. Acres harvested were 600,000, an increase of 100,000 acres from last year, with an average yield of 3.0 tons per acre. Alfalfa haylage and greenchop production was 1.92 million tons (green weight), 6 percent below last year's production. Acres harvested were 320,000, with an average yield of 6.0 tons per acre. All alfalfa forage production was 2.75 million tons (dry weight equivalent), 9 percent above last year's production. Alfalfa acres newly seeded in 2007 for crop production in 2008 totaled 100,000 acres, down 10,000 acres from a year ago. All other dry hay acres harvested totaled 1,200,000 acres, 50,000 acres below last year, with

a yield of 2.00 tons per acre for a total production of 2.40 million tons, down 34 percent from last year. Total forage production on a dry equivalent basis was 5.46 million tons, 17 percent below last year's production. Forage was harvested from 2.05 million acres, up 2 percent from last year. Average forage yield per acre in 2007 was 2.67 dry tons, compared to 3.29 dry tons a year ago.

Oat production was 4.48 million bushels, 36 percent below last year's production. Harvested acres totaled 80,000, down 30,000 acres from both last year and two years ago. The yield was 56 bushels per acre, 8 bushels below last year. Production of winter wheat was 8.99 million bushels, 2 percent above 2006. Harvested acres totaled 155,000, with a yield of 58.0 bushels per acre, 1 bushel per acre below last year. Winter wheat seeded in the fall of 2007 for production of a crop in 2008 totaled 170,000 acres, up 10,000 acres from a year ago. Barley production was 3.07 million bushels, 18 percent less than 2006. Acreage harvested was 42,000 with an average yield per acre of 73 bushels, down 8 bushels per acre from a year ago.

Soybean production, at 17.2 million bushels, was 1 percent above last year's production. Acreage harvested was 420,000, down 5,000 acres from 2006. The 2007 yield was 41.0 bushels per acre, 1 bushel per acre above a year ago.

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CROP PRODUCTION, CONTINUED

Sorghum for grain production totaled 168,000 bushels, 49 percent below last year's crop. Sorghum acres harvested for grain totaled 3,000, down 2,000 from 2006. Sorghum yield was 56.0 bushels per acre, compared with a yield for grain of 66.0 bushels per acre last year, and 50.0 bushels in 2005. Sorghum acres harvested for silage was set at 9,000, up 3,000 from a year ago. Silage yield was 12.0 tons per acre, compared to 7.5 tons in 2006. Production of sorghum silage was 108,000 tons, up 140 percent from last year.

Fall potato production, at 2.20 million hundredweight (cwt.), was down 19 percent from last year's production. Acres harvested were down 500 from last year at 10,000. The yield of 220 cwt. per acre was down 40 cwt. from last year's yield and down 30 cwt. per acre from the yield of two years ago.

Pennsylvania burley tobacco production totaled 10.75 million pounds, down 7 percent from a year ago. Acreage for harvest was 5,000, compared to 5,500 a year ago. Average yield per acre was 2,150 pounds, up 50 pounds per acre from last year. Southern Maryland type tobacco production totaled 2.3 million pounds, 11 percent more than last year. Harvested acreage was 1,100, unchanged from 2006. Pennsylvania seedleaf-type tobacco production totaled 4.1 million pounds, 59 percent more than last year. Harvested acreage was 1,800, up 500 acres from last year. The average yield of 2,300 pounds per acre was up 300 pounds from last year. Maple syrup producers in Pennsylvania produced 51,000 gallons of syrup in 2007, down 23 percent from a year ago.

At the **United States** level, corn for grain production was estimated at 13.1 billion bushels, down 1 percent from the November forecast, but 24 percent above 2006. The average U.S. grain yield is estimated at 151.1 bushels per acre, down 1.9 bushels from the November forecast but 2.0 bushels above 2006. The 2007 yield estimate is the second highest on record, behind 2004, while production is the largest on record producers harvested the most corn acres for grain since 1933.

Soybean production in 2007 totaled 2.59 billion bushels, down slightly from the November forecast and 19 percent below the record high production of 2006. The average yield per acre is estimated at 41.2 bushels, 0.1 bushels below the November forecast and 1.5 bushels below last year's yield. Harvested area is down 16 percent from 2006, to 62.8 million acres.

Production of other major crops and changes from the previous year are as follows: corn for silage, 106 million tons, up 1 percent; dry alfalfa hay, 72.6 million tons, up 1 percent; other dry hay, 77.7 million tons, up 11 percent; oats, 91.6 million bushels, down 2 percent; winter wheat, 1.5 billion bushels, up 17 percent; barley 211.8 million bushels, up 18 percent; soybeans, 2.59 billion bushels, down 19 percent; all potatoes, 449.2 million cwt., up 2 percent; all tobacco, 778.6 million pounds, up 7 percent; and maple syrup 1.26 million gallons, down 13 percent.

PENNSYLVANIA & UNITED STATES: GRAIN STOCKS - DECEMBER 1, 2007 WITH COMPARISON

| Grain | Year | Pennsylvania | | | United States | | |
|---------------------|------|--------------|------------------------|---------------------|---------------|------------------------|---------------------|
| | | On Farms | Off Farms ¹ | Total All Positions | On Farms | Off Farms ¹ | Total All Positions |
| <i>(000) Bushel</i> | | | | | | | |
| Corn..... | 2005 | 61,000 | 8,287 | 69,287 | 5,627,000 | 3,305,707 | 8,932,707 |
| | 2006 | 75,000 | 10,779 | 85,779 | 6,530,000 | 3,738,599 | 10,268,599 |
| Wheat..... | 2005 | ² | 7,985 | ² | 403,250 | 911,408 | 1,314,658 |
| | 2006 | ² | 6,155 | ² | 289,540 | 838,371 | 1,127,911 |
| Soybeans | 2005 | ² | 3,219 | ² | 1,461,000 | 1,240,366 | 2,701,366 |
| | 2006 | ² | 3,672 | ² | 1,100,000 | 1,229,405 | 2,329,405 |
| Barley | 2005 | ² | 565 | ² | 83,650 | 89,171 | 172,821 |
| | 2006 | ² | 250 | ² | 62,050 | 73,028 | 135,078 |
| Oats..... | 2005 | 3,900 | 727 | 4,627 | 53,000 | 45,889 | 98,889 |
| | 2006 | 2,500 | 434 | 2,934 | 43,100 | 51,370 | 94,470 |

¹ Includes stocks at mills, elevators, warehouses, terminals and processors. ² Included in U.S. totals.

GRAIN STOCKS

Pennsylvania's corn stored in all positions on December 1, 2007 was 85.8 million bushels, up 24 percent from December 1, 2006. On-farm corn stocks amounted to 75 million bushels, while off-farm stocks were 10.8 million bushels. Sorghum stored off farms totaled 2 thousand bushels. Wheat stored off farms totaled 6.2 million bushels. Soybeans stored off farms totaled 3.7 million bushels. Barley stored off farms was 250 thousand bushels. Oats stored in all positions were 2.9 million bushels, 2.5 million on farm and 434 thousand off farm.

Pennsylvania's on-farm stocks of sorghum, wheat, soybeans and barley are not published separately but instead are included with an unallocated National total. Hay stocks on-farm on December 1, 2007 was estimated at 1.8 million tons, down 50 percent from a year ago.

On December 1, 2007, there were 172 off-farm storage facilities (mills, elevators, warehouses, terminals and processors) with a total grain storage capacity of 31.9 million bushels, up 1 percent from December 1, 2006. On December 1, 2007, on-farm storage capacity was 140 million bushels, up 8 percent from December 1, 2006.

Corn stocks in all positions on December 1, 2007 totaled 10.3 billion bushels, up 15 percent from December 1, 2006. Of the total stocks, 6.53 billion bushels are stored on farms, up 16 percent from a year earlier. Off-farm stocks, at 3.74 billion bushels, are up 13 percent from

a year ago. The September - November 2007 indicated disappearance is 4.11 billion bushels, compared with 3.57 billion bushels during the same period last year.

Soybeans stored in all positions on December 1, 2007 totaled 2.33 billion bushels, down 14 percent from December 1, 2006. Soybean stocks stored on farms totaled 1.10 billion bushels, down 25 percent from a year ago. Off-farm stocks, at 1.23 billion bushels, are down 1 percent from last December. All wheat stored in all positions on December 1, 2007 totaled 1.13 billion bushels, down 14 percent from a year ago. On-farm stocks are estimated at 290 million bushels, down 28 percent from last December. Off-farm stocks, at 838 million bushels, are down 8 percent from a year ago.

Barley stocks in all positions on December 1, 2007 totaled 135 million bushels, down 22 percent from December 1, 2006. On-farm stocks are estimated at 62.1 million bushels, 26 percent below a year ago. Off-farm stocks, at 73.0 million bushels, are 18 percent below December 2006. Stocks of all hay stored on farms totaled 104 million tons on December 1, 2007, up 8 percent from a year ago. The United States on-farm storage capacity totaled 12.1 billion bushels on December 1, 2007, up 4 percent from December 1, 2006. Capacity of off-farm commercial grain storage totaled 9.06 billion bushels in the United States on December 1, 2007, up 3 percent from December 1, 2006.

TURKEYS RAISED IN 2007, INTENTIONS 2008

| State | Raised | Intentions | 2008 As % of |
|---------------------------|-------------------|----------------|-----------------|
| | 2007 | 2008 | 2007 |
| | <i>1,000 Head</i> | | |
| Arkansas | 31,000 | 32,000 | 103 |
| California | 16,000 | 16,600 | 104 |
| Illinois | 2,800 | 2,900 | 104 |
| Indiana | 15,300 | 16,200 | 106 |
| Idaho | 8,300 | 8,700 | 105 |
| Michigan | 4,800 | 4,800 | 100 |
| Minnesota | 48,000 | 49,000 | 102 |
| Missouri | 20,000 | 21,000 | 105 |
| North Carolina | 39,000 | 39,000 | 100 |
| North Dakota | 1,900 | 2,000 | 105 |
| Ohio | 5,100 | 5,100 | 100 |
| Pennsylvania | 11,000 | 11,200 | 102 |
| South Carolina | 10,500 | 10,900 | 104 |
| South Dakota | 4,500 | 4,600 | 102 |
| Virginia | 22,000 | 22,500 | 102 |
| West Virginia | 3,500 | 3,600 | 103 |
| Other States ¹ | 26,450 | 26,500 | 100 |
| 23 State Total | 270,150 | 276,600 | 102 |

¹ CO, KS, NE, OK, TX, UT, and WI combined to avoid disclosing individual operations.

TURKEYS RAISED 2007- INTENTIONS 2008

Producers raised 11.0 million turkeys in 2007 an increase of 5 percent from the 10.5 million turkeys raised in 2006. Turkeys raised in the United States during 2007 totaled 272 million birds, up 4 percent from 262 million turkeys raised during 2006.

Minnesota ranked first in the number raised with 48.0 million, followed by North Carolina with 39.0 million, Arkansas with 31.0 million, Virginia with 22.0 million, Missouri with 20.0 million, California with 16.0 million, and Indiana with 15.3 million. These states accounted for 70 percent of the turkeys produced in the United States during 2007.

Producers in Pennsylvania reported intentions to be 11.2 million turkeys during 2008, which would be 200,000 more than the turkeys raised in 2007. Turkey growers in 23 States intend to increase the number of birds raised by 2 percent in 2008. These states produced over 99 percent of the turkeys raised in 2007. Intentions for the top seven producing States, compared with 2007, are as follows: Minnesota up 2 percent, North Carolina unchanged, Arkansas up 3 percent, Virginia up 2 percent, Missouri up 5 percent, California up 4 percent, and Indiana up 6 percent.

The number of turkeys actually raised in 2008 may vary from growers' intentions depending on feed costs, supply of hatching eggs, cost of poults, and prices growers receive for turkeys during the next few months.



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