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Washington, D.C.

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## Special Note

NASS is in the process of modifying report layouts in order to improve readability. This report issue is published using both layouts but all future issues will only be produced with the new layout, which is available on the NASS website: http://www.nass.usda.gov. This is the last issue using this layout.

## April 2010 Highlights

Total cheese output (excluding cottage cheese) was 863 million pounds, 1.8 percent above April 2009 but 3.2 percent below March 2010.

Italian type cheese production totaled 366 million pounds, 5.9 percent above April 2009 but 3.7 percent below March 2010.

American type cheese production totaled 360 million pounds, 1.5 percent above April 2009 but 0.6 percent below March 2010.

Butter production was 139 million pounds, 2.5 percent below April 2009 and slightly below March 2010.
Dry Milk Powders: (comparisons with April 2009)
Nonfat dry milk, human --- 152 million pounds, up 7.7 percent.
Skim milk powders --- 14.5 million pounds, down 41.3 percent.
Whey products: (comparisons with April 2009)
Dry whey, total --- 90.8 million pounds, up 9.1 percent.
Lactose, human and animal --- 71.6 million pounds, up 23.2 percent.
Whey protein concentrate, total --- 35.7 million pounds, up 8.4 percent.
Frozen products: (comparisons with April 2009)
Ice cream, Regular (hard) --- 78.5 million gallons, down 0.7 percent.
Ice cream, Lowfat (total) --- 38.5 million gallons, up 9.9 percent.
Sherbet (hard) --- 4.79 million gallons, down 4.4 percent.
Frozen Yogurt (total) --- 6.81 million gallons, down 3.0 percent.

## U. S. Geographic Regions <br> Dairy Products

Beginning in 2010, USDA will no longer issue data for North Atlantic, South Atlantic, East North Central, West North Central, or South Central regions. North Atlantic and South Atlantic will be combined to form the data for the Atlantic region. East North Central, West North Central, and South Central will be combined to form the data for the Central region.


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## Dairy Products: Production by Product,

United States, April, 2009-2010

| Product | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 2010^{1} \end{gathered}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \hline \mathrm{Apr} \\ 2009 \end{gathered}$ | $\begin{aligned} & \text { Mar } \\ & 2010 \end{aligned}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| Butter | 142,216 | 138,837 | 138,636 | -2.5 | -0.1 |
| Cheese |  |  |  |  |  |
| American types ${ }^{2}$ | 354,781 | 362,257 | 360,126 | 1.5 | -0.6 |
| Cheddar | 272,691 | 281,966 | 272,711 |  | -3.3 |
| Other American | 82,090 | 80,291 | 87,415 | 6.5 | 8.9 |
| Brick and Muenster | 9,362 | 10,677 | 10,325 | 10.3 | -3.3 |
| Cream and Neufchatel | 63,619 | 65,037 | 56,465 | -11.2 | -13.2 |
| Hispanic | 17,696 | 19,690 | 17,153 | -3.1 | -12.9 |
| Italian types | 346,047 | 380,577 | 366,496 | 5.9 | -3.7 |
| Mozzarella | 270,604 | 300,297 | 288,554 | 6.6 | -3.9 |
| Parmesan | 19,158 | 21,625 | 21,170 | 10.5 | -2.1 |
| Provolone | 29,421 | 29,473 | 30,678 | 4.3 | 4.1 |
| Ricotta | 18,867 | 22,116 | 19,227 | 1.9 | -13.1 |
| Romano | 4,070 | 2,935 | 3,028 | -25.6 | 3.2 |
| Other Italian types | 3,927 | 4,131 | 3,839 | -2.2 | -7.1 |
| Swiss | 28,890 | 27,328 | 28,419 | -1.6 | 4.0 |
| All other types | 27,198 | 26,067 | 23,833 | -12.4 | -8.6 |
| Total Cheese | 847,593 | 891,633 | 862,817 | 1.8 | -3.2 |
| Cottage cheese, curd ${ }^{3}$ | 39,060 | 38,051 | 34,909 | -10.6 | -8.3 |
| Cottage cheese, cream ${ }^{4}$ | 30,517 | 29,099 | 26,855 | -12.0 | -7.7 |
| Cottage cheese, lowfat ${ }^{5}$ | 34,380 | 35,268 | 31,361 | -8.8 | -11.1 |
| Sour cream | 93,860 | 105,351 | 91,165 | -2.9 | -13.5 |
| Yogurt, plain and flavored | 311,481 | 399,691 | 332,611 | 6.8 | -16.8 |
|  | 1,000 gallons | 1,000 gallons | 1,000 gallons | percent | percent |
| Frozen products |  |  |  |  |  |
| Ice cream, regular, hard | 79,022 | 79,940 | 78,496 | -0.7 | -1.8 |
| Ice cream, lowfat, hard | 13,360 | 13,493 | 14,020 | 4.9 | 3.9 |
| Ice cream, lowfat, soft | 21,670 | 23,937 | 24,494 | 13.0 | 2.3 |
| Ice cream, lowfat, total | 35,030 | 37,430 | 38,514 | 9.9 | 2.9 |
| Ice cream, nonfat, hard | 1,503 | 1,375 | 1,385 | -7.9 | 0.7 |
| Sherbet, hard | 5,012 | 5,048 | 4,789 | -4.4 | -5.1 |
| Frozen yogurt, total | 7,022 | 6,526 | 6,813 | -3.0 | 4.4 |
| Regular and lowfat, hard | 1,647 | 1,724 | 1,619 | -1.7 | -6.1 |
| Nonfat, hard | 655 | 617 | 562 | -14.2 | -8.9 |
| Other frozen dairy |  |  |  |  |  |
| Water and juice ices | 6,633 | 5,820 | 6,727 | 1.4 | 15.6 |
| Mix for frozen products |  |  |  |  |  |
| Ice cream, regular, mix | 43,700 | 44,135 | 43,757 | 0.1 | -0.9 |
| Ice cream, lowfat, mix | 20,232 | 21,435 | 22,046 | 9.0 | 2.9 |
| Ice cream, nonfat, mix | 916 | 833 | 866 | -5.5 | 4.0 |
| Sherbet mix | 3,109 | 2,982 | 2,999 | -3.5 | 0.6 |
| Yogurt mix | 3,793 | 3,955 | 4,129 | 8.9 | 4.4 |

${ }^{1}$ Revised.
${ }^{2}$ Includes Cheddar, Colby, Monterey, and Jack.
${ }^{3}$ Mostly used for processing into cream or lowfat cottage cheese.
${ }^{4}$ Fat content 4 percent or more.
${ }^{5}$ Fat content less than 4 percent.

## Whey and Modified Whey Products: Production, Stocks, and Prices, United States, April, 2009-2010

| Product | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 2010^{1} \end{gathered}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 2010 \end{gathered}$ |
|  | Production |  |  |  |  |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| Condensed whey, solids content ${ }^{2}$ sweet-type, human | 8,383 | 6,931 | 6,872 | -18.0 | -0.9 |
| Dry whey products |  |  |  |  |  |
| Dry whey, human | 79,522 | 87,020 | 85,615 | 7.7 | -1.6 |
| Dry whey, animal | 3,696 | 5,484 | 5,162 | 39.7 | -5.9 |
| Dry whey, total | 83,218 | 92,504 | 90,777 | 9.1 | -1.9 |
| Reduced lactose and minerals |  |  |  |  |  |
| Human | 1,522 | 2,173 | 2,055 | 35.0 | -5.4 |
| Animal | 4,607 | 5,168 | 4,323 | -6.2 | -16.4 |
| Lactose, human and animal | 58,153 | 73,870 | 71,630 | 23.2 | -3.0 |
| Whey |  |  |  |  |  |
| protein concentrate Human |  |  |  |  |  |
| Animal ${ }^{3}$ | 29,408 | 33,99 | 33,318 | 13.3 | -2.0 |
| Total ${ }^{3}$ | 32,971 | 36,422 | 35,732 | 8.4 | -1.9 |
| 25.0-49.9 percent ${ }^{4}$ | 21,102 | 21,194 | 19,967 | -5.4 | -5.8 |
| 50.0-89.9 percent ${ }^{4}$ | 11,869 | 15,228 | 15,765 | 32.8 | 3.5 |
| Protein isolates ${ }^{5}$ | 3,861 | 4,261 | 4,552 | 17.9 | 6.8 |
|  | Manufacturers' stocks end-of-month ${ }^{6}$ |  |  |  |  |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| Dry whey products |  |  |  |  |  |
| Dry whey, human | 41,193 | 47,262 | 50,358 | 22.2 | 6.6 |
| Dry whey, animal | 1,110 | 3,259 | 2,315 | 108.6 | -29.0 |
| Dry whey, total | 42,303 | 50,521 | 52,673 | 24.5 | 4.3 |
| Reduced lactose and minerals |  |  |  |  |  |
| Human and animal ${ }^{7}$ | 15,689 | 8,498 | 9,822 | -37.4 | 15.6 |
| Lactose, human and animal | 74,020 | 67,061 | 73,543 | -0.6 | 9.7 |
| Whey |  |  |  |  |  |
| Protein concentrate |  |  |  |  |  |
| Human ${ }^{3}$ | 34,246 | 35,898 | 35,681 | 4.2 | -0.6 |
| Animal ${ }^{3}$ | 2,486 | 2,375 | 2,320 | -6.7 | -2.3 |
| Total ${ }^{3}$ | 36,732 | 38,273 | 38,001 | 3.5 | -0.7 |
| 25.0-49.9 percent ${ }^{4}$ | 20,605 | 24,378 | 22,457 | 9.0 | -7.9 |
| 50.0-89.9 percent ${ }^{4}$ | 16,127 | 13,895 | 15,544 | -3.6 | 11.9 |
| Protein isolates ${ }^{5}$ | 10,766 | 10,525 | 9,667 | -10.2 | -8.2 |
|  | Manufacturers' selling price ${ }^{8}$ |  |  |  |  |
|  | cents per pound | cents per pound | cents per pound | cents change | cents change |
| Dry whey, animal | 17.8 | 35.4 | 31.9 | 14.1 | -3.5 |

${ }^{1}$ Revised.
${ }^{2}$ Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products. Does not include sweet-type, animal whey.
${ }^{3}$ Whey Protein Concentrate, 25.0 to 89.9 percent.
${ }^{4}$ Whey Protein Concentrate, Human and Animal.
${ }^{5}$ Whey Protein Isolate, 90.0 percent or greater.
${ }^{6}$ Stocks held by manufacturers at all points and in transit.
${ }^{7}$ Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.
${ }^{8}$ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

## Canned, Condensed, and Dry Milk Products: Production, Stocks, and Shipments,

United States, April, 2009-2010

|  | tates, April, | -2010 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Product | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 2010^{1} \end{gathered}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
|  |  |  |  | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \hline \text { Mar } \\ 2010 \end{gathered}$ |
|  | Production |  |  |  |  |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| Bulk Condensed Milk Skim, Unsweetened | 133,622 | 128,799 | 129,255 | -3.3 | 0.4 |
| Canned Milk <br> Evaporated and Cond. Whole | 42,885 | 39,593 | 38,521 | -10.2 | -2.7 |
| Dry Products |  |  |  |  |  |
| Dry Buttermilk | 5,340 | 7,210 | 6,560 | 22.8 | -9.0 |
| Dry Skim Milk, Animal | 1,290 | 830 | 803 | -37.8 | -3.3 |
| Dry Whole Milk | 3,002 | 6,514 | 3,838 | 27.8 | -41.1 |
| Milk Protein Conc., Total ${ }^{2}$ | 11,355 | 7,634 | 11,683 | 2.9 | 53.0 |
| Nonfat Dry Milk, Human | 141,397 | 137,179 | 152,217 | 7.7 | 11.0 |
| Skim Milk Powder, Total ${ }^{3}$ | 24,645 | 27,796 | 14,463 | -41.3 | -48.0 |
|  | Manufacturers' stocks end-of-month ${ }^{4}$ |  |  |  |  |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| Canned Milk |  |  |  |  |  |
| Evaporated and Cond. Whole | 71,258 | 76,906 | 89,368 | 25.4 | 16.2 |
| Dry Milk Products |  |  |  |  |  |
| Dry Buttermilk, Total | 3,969 | 9,600 | 8,271 | 108.4 | -13.8 |
| Dry Skim Milk, Animal | 2,152 | 1,460 | 1,430 | -33.6 | -2.1 |
| Dry Whole Milk | 5,346 | 7,159 | 7,041 | 31.7 | -1.6 |
| Nonfat Dry Milk, Human | 179,976 | 147,657 | 144,412 | -19.8 | -2.2 |
|  | Manufacturers' shipments ${ }^{5}$ |  |  |  |  |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| Nonfat Dry Milk, Human | 153,063 | 139,368 | 150,053 | -2.0 | 7.7 |

${ }^{1}$ Revised.
${ }^{2}$ Dry milk protein concentrate, 40-89.9 percent
${ }^{3}$ Includes protein standardized and blends
${ }_{5}^{4}$ Stocks held by manufacturers at all points and in transit.
${ }^{5}$ For dry products, shipments of bulk goods.

Dairy Products: Production by Product and Month,
United States, 2009-2010 ${ }^{1}$

| Product and Month | By Month |  |  | Cumulative |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 | 2010 | Change From 2009 | 2009 | 2010 | $\begin{gathered} \hline \text { Change } \\ \text { from } \\ 2009 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | percent | 1,000 pounds | 1,000 pounds | percent |
| Total cheese |  |  |  |  |  |  |
| Jan | 826,893 | 841,646 | 1.8 | 826,893 | 841,646 | 1.8 |
| Feb | 767,975 | 775,273 | 1.0 | 1,594,868 | 1,616,919 | 1.4 |
| Mar | 870,517 | 891,633 | 2.4 | 2,465,385 | 2,508,552 | 1.8 |
| Apr | 847,593 | 862,817 | 1.8 | 3,312,978 | 3,371,369 | 1.8 |
| May | 856,100 |  |  | 4,169,078 |  |  |
| Jun | 838,100 |  |  | 5,007,178 |  |  |
| Jul | 842,752 |  |  | 5,849,930 |  |  |
| Aug | 850,684 |  |  | 6,700,614 |  |  |
| Sep | 842,490 |  |  | 7,543,104 |  |  |
| Oct | 862,785 |  |  | 8,405,889 |  |  |
| Nov | 839,532 |  |  | 9,245,421 |  |  |
| Dec | 863,872 |  |  | 10,109,293 |  |  |
| American cheese |  |  |  |  |  |  |
| Jan | 357,200 | 347,563 | -2.7 | 357,200 | 347,563 | -2.7 |
| Feb | 323,370 | 320,426 | -0.9 | 680,570 | 667,989 | -1.8 |
| Mar | 364,359 | 362,257 | -0.6 | 1,044,929 | 1,030,246 | -1.4 |
| Apr | 354,781 | 360,126 | 1.5 | 1,399,710 | 1,390,372 | -0.7 |
| May | 368,021 |  |  | 1,767,731 |  |  |
| Jun | 356,869 |  |  | 2,124,600 |  |  |
| Jul | 354,695 |  |  | 2,479,295 |  |  |
| Aug | 347,088 |  |  | 2,826,383 |  |  |
| Sep | 342,921 |  |  | 3,169,304 |  |  |
| Oct | 349,403 |  |  | 3,518,707 |  |  |
| Nov | 331,593 |  |  | 3,850,300 |  |  |
| Dec | 352,199 |  |  | 4,202,499 |  |  |
| Cheddar cheese |  |  |  |  |  |  |
| Jan | 278,181 | 266,552 | -4.2 | 278,181 | 266,552 | -4.2 |
| Feb | 244,440 | 244,389 |  | 522,621 | 510,941 | -2.2 |
| Mar | 279,296 | 281,966 | 1.0 | 801,917 | 792,907 | -1.1 |
| Apr | 272,691 | 272,711 |  | 1,074,608 | 1,065,618 | -0.8 |
| May | 287,422 |  |  | 1,362,030 |  |  |
| Jun | 276,646 |  |  | 1,638,676 |  |  |
| Jul | 269,533 |  |  | 1,908,209 |  |  |
| Aug | 264,743 |  |  | 2,172,952 |  |  |
| Sep | 259,004 |  |  | 2,431,956 |  |  |
| Oct | 263,443 |  |  | 2,695,399 |  |  |
| Nov | 248,976 |  |  | 2,944,375 |  |  |
| Dec | 263,062 |  |  | 3,207,437 |  |  |

See footnote(s) at end of table.
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Dairy Products: Production by Product and Month,
United States, 2009-2010 ${ }^{1}$ (continued)

| Product and <br> Month | By Month |  |  | Cumulative |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 | 2010 | $\begin{gathered} \hline \text { Change } \\ \text { from } \\ 2009 \end{gathered}$ | 2009 | 2010 | $\begin{gathered} \hline \text { Change } \\ \text { from } \\ 2009 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | percent | 1,000 pounds | 1,000 pounds | percent |
| Italian cheese |  |  |  |  |  |  |
| Jan | 345,619 | 362,733 | 5.0 | 345,619 | 362,733 | 5.0 |
| Feb | 316,749 | 330,382 | 4.3 | 662,368 | 693,115 | 4.6 |
| Mar | 359,386 | 380,577 | 5.9 | 1,021,754 | 1,073,692 | 5.1 |
| Apr | 346,047 | 366,496 | 5.9 | 1,367,801 | 1,440,188 | 5.3 |
| May | 345,905 |  |  | 1,713,706 |  |  |
| Jun | 341,918 |  |  | 2,055,624 |  |  |
| Jul | 346,130 |  |  | 2,401,754 |  |  |
| Aug | 345,799 |  |  | 2,747,553 |  |  |
| Sep | 346,087 |  |  | 3,093,640 |  |  |
| Oct | 357,854 |  |  | 3,451,494 |  |  |
| Nov | 358,986 |  |  | 3,810,480 |  |  |
| Dec | 369,800 |  |  | 4,180,280 |  |  |
| Mozzarella |  |  |  |  |  |  |
| Jan | 267,299 | 285,020 | 6.6 | 267,299 | 285,020 | 6.6 |
| Feb | 246,429 | 259,090 | 5.1 | 513,728 | 544,110 | 5.9 |
| Mar | 280,012 | 300,297 | 7.2 | 793,740 | 844,407 | 6.4 |
| Apr | 270,604 | 288,554 | 6.6 | 1,064,344 | 1,132,961 | 6.4 |
| May | 271,395 |  |  | 1,335,739 |  |  |
| Jun | 268,901 |  |  | 1,604,640 |  |  |
| Jul | 273,782 |  |  | 1,878,422 |  |  |
| Aug | 272,632 |  |  | 2,151,054 |  |  |
| Sep | 270,262 |  |  | 2,421,316 |  |  |
| Oct | 278,106 |  |  | 2,699,422 |  |  |
| Nov | 279,105 |  |  | 2,978,527 |  |  |
| Dec | 288,779 |  |  | 3,267,306 |  |  |
| Other Italian |  |  |  |  |  |  |
| Jan | 4,303 | 3,278 | -23.8 | 4,303 | 3,278 | -23.8 |
| Feb | 4,187 | 3,138 | -25.1 | 8,490 | 6,416 | -24.4 |
| Mar | 4,480 | 4,131 | -7.8 | 12,970 | 10,547 | -18.7 |
| Apr | 3,927 | 3,839 | -2.2 | 16,897 | 14,386 | -14.9 |
| May | 3,874 |  |  | 20,771 |  |  |
| Jun | 4,008 |  |  | 24,779 |  |  |
| Jul | 3,754 |  |  | 28,533 |  |  |
| Aug | 3,841 |  |  | 32,374 |  |  |
| Sep | 4,478 |  |  | 36,852 |  |  |
| Oct | 4,007 |  |  | 40,859 |  |  |
| Nov | 4,021 |  |  | 44,880 |  |  |
| Dec | 4,069 |  |  | 48,949 |  |  |

See footnote(s) at end of table.
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Dairy Products: Production by Product and Month, United States, 2009-2010 ${ }^{1}$ (continued)

| Product and <br> Month | By Month |  |  | Cumulative |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 | 2010 | Change from 2009 | 2009 | 2010 | $\begin{gathered} \hline \text { Change } \\ \text { from } \\ 2009 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | percent | 1,000 pounds | 1,000 pounds | percent |
| Butter |  |  |  |  |  |  |
| Jan | 176,988 | 162,067 | -8.4 | 176,988 | 162,067 | -8.4 |
| Feb | 147,462 | 141,052 | -4.3 | 324,450 | 303,119 | -6.6 |
| Mar | 147,341 | 138,837 | -5.8 | 471,791 | 441,956 | -6.3 |
| Apr | 142,216 | 138,636 | -2.5 | 614,007 | 580,592 | -5.4 |
| May | 139,178 |  |  | 753,185 |  |  |
| Jun | 125,301 |  |  | 878,486 |  |  |
| Jul | 114,388 |  |  | 992,874 |  |  |
| Aug | 101,029 |  |  | 1,093,903 |  |  |
| Sep | 94,690 |  |  | 1,188,593 |  |  |
| Oct | 113,084 |  |  | 1,301,677 |  |  |
| Nov | 120,967 |  |  | 1,422,644 |  |  |
| Dec | 150,837 |  |  | 1,573,481 |  |  |
| Nonfat dry milk, human |  |  |  |  |  |  |
| Jan | 158,286 | 128,618 | -18.7 | 158,286 | 128,618 | -18.7 |
| Feb | 125,902 | 117,768 | -6.5 | 284,188 | 246,386 | -13.3 |
| Mar | 137,301 | 137,179 | -0.1 | 421,489 | 383,565 | -9.0 |
| Apr | 141,397 | 152,217 | 7.7 | 562,886 | 535,782 | -4.8 |
| May | 150,452 |  |  | 713,338 |  |  |
| Jun | 146,065 |  |  | 859,403 |  |  |
| Jul | 133,175 |  |  | 992,578 |  |  |
| Aug | 107,049 |  |  | 1,099,627 |  |  |
| Sep | 87,808 |  |  | 1,187,435 |  |  |
| Oct | 92,800 |  |  | 1,280,235 |  |  |
| Nov | 102,156 |  |  | 1,382,391 |  |  |
| Dec | 126,720 |  |  | 1,509,111 |  |  |
| Skim milk powders ${ }^{2}$ |  |  |  |  |  |  |
| Jan | 17,663 | 20,581 | 16.5 | 17,663 | 20,581 | 16.5 |
| Feb | 22,693 | 22,029 | -2.9 | 40,356 | 42,610 | 5.6 |
| Mar | 24,432 | 27,796 | 13.8 | 64,788 | 70,406 | 8.7 |
| Apr | 24,645 | 14,463 | -41.3 | 89,433 | 84,869 | -5.1 |
| May | 26,697 |  |  | 116,130 |  |  |
| Jun | 16,796 |  |  | 132,926 |  |  |
| Jul | 14,023 |  |  | 146,949 |  |  |
| Aug | 10,677 |  |  | 157,626 |  |  |
| Sep | 12,585 |  |  | 170,211 |  |  |
| Oct | 10,174 |  |  | 180,385 |  |  |
| Nov | 18,924 |  |  | 199,309 |  |  |
| Dec | 22,601 |  |  | 221,910 |  |  |

See footnote(s) at end of table.

Dairy Products: Production by Product and Month,
United States, 2009-2010 ${ }^{1}$ (continued)

| Product and Month | By Month |  |  | Cumulative |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 | 2010 | Change from 2009 | 2009 | 2010 | Change from 2009 |
|  | 1,000 pounds | 1,000 pounds | percent | 1,000 pounds | 1,000 pounds | percent |
| Dry whey, total ${ }^{3}$ |  |  |  |  |  |  |
| Jan | 79,395 | 85,971 | 8.3 | 79,395 | 85,971 | 8.3 |
| Feb | 74,668 | 78,244 | 4.8 | 154,063 | 164,215 | 6.6 |
| Mar | 82,785 | 92,504 | 11.7 | 236,848 | 256,719 | 8.4 |
| Apr | 83,218 | 90,777 | 9.1 | 320,066 | 347,496 | 8.6 |
| May | 87,125 |  |  | 407,191 |  |  |
| Jun | 92,639 |  |  | 499,830 |  |  |
| Jul | 93,640 |  |  | 593,470 |  |  |
| Aug | 82,555 |  |  | 676,025 |  |  |
| Sep | 79,006 |  |  | 755,031 |  |  |
| Oct | 81,709 |  |  | 836,740 |  |  |
| Nov | 79,361 |  |  | 916,101 |  |  |
| Dec | 85,059 |  |  | 1,001,160 |  |  |
| Lactose, human and animal |  |  |  |  |  |  |
| Jan | 58,839 | 66,864 | 13.6 | 58,839 | 66,864 | 13.6 |
| Feb | 51,653 | 63,620 | 23.2 | 110,492 | 130,484 | 18.1 |
| Mar | 59,717 | 73,870 | 23.7 | 170,209 | 204,354 | 20.1 |
| Apr | 58,153 | 71,630 | 23.2 | 228,362 | 275,984 | 20.9 |
| May | 59,639 |  |  | 288,001 |  |  |
| Jun | 60,429 |  |  | 348,430 |  |  |
| Jul | 61,168 |  |  | 409,598 |  |  |
| Aug | 62,065 |  |  | 471,663 |  |  |
| Sep | 60,066 |  |  | 531,729 |  |  |
| Oct | 63,926 |  |  | 595,655 |  |  |
| Nov | 61,927 |  |  | 657,582 |  |  |
| Dec | 64,977 |  |  | 722,559 |  |  |
| Whey protein concentrate, total |  |  |  |  |  |  |
| Jan | 35,177 | 34,686 | -1.4 | 35,177 | 34,686 | -1.4 |
| Feb | 32,340 | 31,391 | -2.9 | 67,517 | 66,077 | -2.1 |
| Mar | 35,259 | 36,422 | 3.3 | 102,776 | 102,499 | -0.3 |
| Apr | 32,971 | 35,732 | 8.4 | 135,747 | 138,231 | 1.8 |
| May | 34,705 |  |  | 170,452 |  |  |
| Jun | 34,572 |  |  | 205,024 |  |  |
| Jul | 35,221 |  |  | 240,245 |  |  |
| Aug | 35,284 |  |  | 275,529 |  |  |
| Sep | 34,810 |  |  | 310,339 |  |  |
| Oct | 35,830 |  |  | 346,169 |  |  |
| Nov | 34,061 |  |  | 380,230 |  |  |
| Dec | 34,785 |  |  | 415,015 |  |  |

See footnote(s) at end of table.

Dairy Products: Production by Product and Month, United States, 2009-2010 ${ }^{1}$ (continued)

| Product and Month | By Month |  |  | Cumulative |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 | 2010 | $\begin{gathered} \hline \text { Change } \\ \text { from } \\ 2009 \end{gathered}$ | 2009 | 2010 | $\begin{gathered} \hline \begin{array}{c} \text { Change } \\ \text { from } \\ 2009 \end{array} \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | percent | 1,000 pounds | 1,000 pounds | percent |
| Cream cottage cheese |  |  |  |  |  |  |
| Jan | 25,734 | 24,963 | -3.0 | 25,734 | 24,963 | -3.0 |
| Feb | 25,890 | 25,776 | -0.4 | 51,624 | 50,739 | -1.7 |
| Mar | 31,314 | 29,099 | -7.1 | 82,938 | 79,838 | -3.7 |
| Apr | 30,517 | 26,855 | -12.0 | 113,455 | 106,693 | -6.0 |
| May | 30,210 |  |  | 143,665 |  |  |
| Jun | 29,707 |  |  | 173,372 |  |  |
| Jul | 30,823 |  |  | 204,195 |  |  |
| Aug | 30,375 |  |  | 234,570 |  |  |
| Sep | 30,995 |  |  | 265,565 |  |  |
| Oct | 26,685 |  |  | 292,250 |  |  |
| Nov | 24,586 |  |  | 316,836 |  |  |
| Dec | 25,064 |  |  | 341,900 |  |  |
| Lowfat cottage cheese |  |  |  |  |  |  |
| Jan | 31,295 | 29,093 | -7.0 | 31,295 | 29,093 | -7.0 |
| Feb | 30,781 | 30,057 | -2.4 | 62,076 | 59,150 | -4.7 |
| Mar | 34,759 | 35,268 | 1.5 | 96,835 | 94,418 | -2.5 |
| Apr | 34,380 | 31,361 | -8.8 | 131,215 | 125,779 | -4.1 |
| May | 32,644 |  |  | 163,859 |  |  |
| Jun | 32,986 |  |  | 196,845 |  |  |
| Jul | 34,701 |  |  | 231,546 |  |  |
| Aug | 32,107 |  |  | 263,653 |  |  |
| Sep | 35,038 |  |  | 298,691 |  |  |
| Oct | 31,246 |  |  | 329,937 |  |  |
| Nov | 28,733 |  |  | 358,670 |  |  |
| Dec | 28,987 |  |  | 387,657 |  |  |
| Sour cream |  |  |  |  |  |  |
| Jan | 87,869 | 89,580 | 1.9 | 87,869 | 89,580 | 1.9 |
| Feb | 81,854 | 85,163 | 4.0 | 169,723 | 174,743 | 3.0 |
| Mar | 99,459 | 105,351 | 5.9 | 269,182 | 280,094 | 4.1 |
| Apr | 93,860 | 91,165 | -2.9 | 363,042 | 371,259 | 2.3 |
| May | 93,504 |  |  | 456,546 |  |  |
| Jun | 93,644 |  |  | 550,190 |  |  |
| Jul | 92,442 |  |  | 642,632 |  |  |
| Aug | 93,770 |  |  | 736,402 |  |  |
| Sep | 92,435 |  |  | 828,837 |  |  |
| Oct | 103,645 |  |  | 932,482 |  |  |
| Nov | 108,446 |  |  | 1,040,928 |  |  |
| Dec | 107,081 |  |  | 1,148,009 |  |  |

Dairy Products: Production by Product and Month,
United States, 2009-2010 ${ }^{1}$ (continued)

| Product and Month | By Month |  |  | Cumulative |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 | 2010 | $\begin{gathered} \hline \text { Change } \\ \text { from } \\ 2009 \end{gathered}$ | 2009 | 2010 | $\begin{gathered} \hline \text { Change } \\ \text { from } \\ 2009 \end{gathered}$ |
|  | 1,000 gallons | 1,000 gallons | percent | 1,000 gallons | 1,000 gallons | percent |
| Ice cream, regular, hard |  |  |  |  |  |  |
| Jan | 58,615 | 55,429 | -5.4 | 58,615 | 55,429 | -5.4 |
| Feb | 64,870 | 63,171 | -2.6 | 123,485 | 118,600 | -4.0 |
| Mar | 75,674 | 79,940 | 5.6 | 199,159 | 198,540 | -0.3 |
| Apr | 79,022 | 78,496 | -0.7 | 278,181 | 277,036 | -0.4 |
| May | 80,604 |  |  | 358,785 |  |  |
| Jun | 89,319 |  |  | 448,104 |  |  |
| Jul | 84,319 |  |  | 532,423 |  |  |
| Aug | 79,273 |  |  | 611,696 |  |  |
| Sep | 74,304 |  |  | 686,000 |  |  |
| Oct | 68,602 |  |  | 754,602 |  |  |
| Nov | 53,003 |  |  | 807,605 |  |  |
| Dec | 49,098 |  |  | 856,703 |  |  |
| Ice cream, lowfat, total |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Jan | 24,433 | 22,695 | -7.1 | 24,433 | 22,695 | -7.1 |
| Feb | 26,401 | 27,538 | 4.3 | 50,834 | 50,233 | -1.2 |
| Mar | 35,833 | 37,430 | 4.5 | 86,667 | 87,663 | 1.1 |
| Apr | 35,030 | 38,514 | 9.9 | 121,697 | 126,177 | 3.7 |
| May | 36,115 |  |  | 157,812 |  |  |
| Jun | 42,050 |  |  | 199,862 |  |  |
| Jul | 38,736 |  |  | 238,598 |  |  |
| Aug | 36,183 |  |  | 274,781 |  |  |
| Sep | 31,395 |  |  | 306,176 |  |  |
| Oct | 28,391 |  |  | 334,567 |  |  |
| Nov | 23,855 |  |  | 358,422 |  |  |
| Dec | 23,033 |  |  | 381,455 |  |  |
| Sherbet, hard |  |  |  |  |  |  |
| Jan | 3,482 | 3,438 | -1.3 | 3,482 | 3,438 | -1.3 |
| Feb | 4,039 | 3,691 | -8.6 | 7,521 | 7,129 | -5.2 |
| Mar | 5,056 | 5,048 | -0.2 | 12,577 | 12,177 | -3.2 |
| Apr | 5,012 | 4,789 | -4.4 | 17,589 | 16,966 | -3.5 |
| May | 4,985 |  |  | 22,574 |  |  |
| Jun | 5,497 |  |  | 28,071 |  |  |
| Jul | 5,104 |  |  | 33,175 |  |  |
| Aug | 4,257 |  |  | 37,432 |  |  |
| Sep | 4,266 |  |  | 41,698 |  |  |
| Oct | 3,340 |  |  | 45,038 |  |  |
| Nov | 2,572 |  |  | 47,610 |  |  |
| Dec | 2,670 |  |  | 50,280 |  |  |

See footnote(s) at end of table.

Dairy Products: Production by Product and Month, United States, 2009-2010 ${ }^{1}$ (continued)

| Product and Month | By Month |  |  | Cumulative |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009 | 2010 | $\begin{gathered} \hline \text { Change } \\ \text { from } \\ 2009 \end{gathered}$ | 2009 | 2010 | $\begin{gathered} \hline \begin{array}{c} \text { Change } \\ \text { from } \\ 2009 \end{array} \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | percent | 1,000 pounds | 1,000 pounds | percent |
| Yogurt, plain and flavored |  |  |  |  |  |  |
| Jan | 304,553 | 339,217 | 11.4 | 304,553 | 339,217 | 11.4 |
| Feb | 304,155 | 314,514 | 3.4 | 608,708 | 653,731 | 7.4 |
| Mar | 355,911 | 399,691 | 12.3 | 964,619 | 1,053,422 | 9.2 |
| Apr | 311,481 | 332,611 | 6.8 | 1,276,100 | 1,386,033 | 8.6 |
| May | 328,934 |  |  | 1,605,034 |  |  |
| Jun | 332,379 |  |  | 1,937,413 |  |  |
| Jul | 309,910 |  |  | 2,247,323 |  |  |
| Aug | 323,373 |  |  | 2,570,696 |  |  |
| Sep | 369,995 |  |  | 2,940,691 |  |  |
| Oct | 309,431 |  |  | 3,250,122 |  |  |
| Nov | 271,793 |  |  | 3,521,915 |  |  |
| Dec | 310,056 |  |  | 3,831,971 |  |  |
|  | 1,000 gallons | 1,000 gallons | percent | 1,000 gallons | 1,000 gallons | percent |
| Yogurt, frozen |  |  |  |  |  |  |
| Jan | 4,638 | 3,816 | -17.7 | 4,638 | 3,816 | -17.7 |
| Feb | 5,138 | 4,458 | -13.2 | 9,776 | 8,274 | -15.4 |
| Mar | 6,492 | 6,526 | 0.5 | 16,268 | 14,800 | -9.0 |
| Apr | 7,022 | 6,813 | -3.0 | 23,290 | 21,613 | -7.2 |
| May | 6,741 |  |  | 30,031 |  |  |
| Jun | 7,544 |  |  | 37,575 |  |  |
| Jul | 7,931 |  |  | 45,506 |  |  |
| Aug | 7,313 |  |  | 52,819 |  |  |
| Sep | 6,627 |  |  | 59,446 |  |  |
| Oct | 5,936 |  |  | 65,382 |  |  |
| Nov | 4,647 |  |  | 70,029 |  |  |
| Dec | 4,388 |  |  | 74,417 |  |  |

${ }^{1}$ March 2010 data revised.
${ }^{2}$ Includes protein standardized and blends.
${ }^{3}$ Excludes all modified dry whey products.

Total Cheese, Excluding Cottage Cheese: Production by
State and United States, April 2009-2010

| State and United States, April 2009-2010 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| State | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{aligned} & \mathrm{Mar}^{1} \\ & 2010 \end{aligned}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
|  |  |  |  | $\begin{gathered} \hline \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \hline \text { Mar } \\ 2010 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| CA | 174,011 | 186,833 | 180,437 | 3.7 | -3.4 |
| ID | 70,465 | 72,477 | 70,760 | 0.4 | -2.4 |
| IL | 8,695 | 7,124 | 6,301 | -27.5 | -11.6 |
| IA | 18,965 | 19,950 | 20,814 | 9.7 | 4.3 |
| MN | 55,679 | 55,393 | 53,739 | -3.5 | -3.0 |
| NJ | 2,527 |  |  |  |  |
| NM | 48,294 | 61,804 | 61,230 | 26.8 | -0.9 |
| NY | 61,780 | 64,628 | 59,113 | -4.3 | -8.5 |
| OH | 15,830 | 16,984 | 16,982 | 7.3 |  |
| PA | 33,931 | 37,566 | 34,244 | 0.9 | -8.8 |
| SD | 19,593 | 18,173 | 17,612 | -10.1 | -3.1 |
| UT | 7,631 |  |  |  |  |
| VT | 10,851 | 10,732 | 9,779 | -9.9 | -8.9 |
| WI | 217,818 | 222,708 | 215,187 | -1.2 | -3.4 |
| Oth Sts ${ }^{2}$ | 101,523 | 117,261 | 116,619 |  |  |
| US | 847,593 | 891,633 | 862,817 | 1.8 | -3.2 |
| Atlantic | 114,788 | 121,110 | 110,213 | -4.0 | -9.0 |
| Central | 385,125 | 393,445 | 383,470 | -0.4 | -2.5 |
| West | 347,680 | 377,078 | 369,134 | 6.2 | -2.1 |

${ }^{1}$ Revised.
${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

American Cheese: Production by State and United States, April 2009-2010

| State | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{aligned} & \text { Mar }^{1} \\ & 2010 \end{aligned}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \hline \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 2010 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| CA | 56,649 | 52,963 | 51,322 | -9.4 | -3.1 |
| ID | 56,737 | 58,292 | 56,855 | 0.2 | -2.5 |
| IA | 14,359 | 15,234 | 15,885 | 10.6 | 4.3 |
| OH | 973 |  |  |  |  |
| OR | 14,602 | 14,222 | 13,817 | -5.4 | -2.8 |
| WI | 69,206 | 71,873 | 72,200 | 4.3 | 0.5 |
| Oth Sts ${ }^{2}$ | 142,255 | 149,673 | 150,047 |  |  |
| US | 354,781 | 362,257 | 360,126 | 1.5 | -0.6 |
| Atlantic | 12,794 | 13,821 | 14,065 | 9.9 | 1.8 |
| Central | 166,797 | 170,423 | 168,598 | 1.1 | -1.1 |
| West | 175,190 | 178,013 | 177,463 | 1.3 | -0.3 |

${ }^{1}$ Revised.
${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Cheddar Cheese: Production by State and United States, April 2009-2010

| State | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{aligned} & \mathrm{Mar}^{1} \\ & 2010 \end{aligned}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \hline \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \mathrm{Mar} \\ 2010 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| CA | 32,381 | 30,538 | 27,063 | -16.4 | -11.4 |
| ID | 47,794 | 47,763 | 45,032 | -5.8 | -5.7 |
| IA | 9,130 | 10,263 | 9,509 | 4.2 | -7.3 |
| MN | 45,666 | 43,482 | 40,542 | -11.2 | -6.8 |
| OH | 712 |  |  |  |  |
| WI | 52,871 | 57,577 | 56,000 | 5.9 | -2.7 |
| Oth Sts ${ }^{2}$ | 84,137 | 92,343 | 94,565 |  |  |
| US | 272,691 | 281,966 | 272,711 |  | -3.3 |
| Atlantic | 12,550 | 13,433 | 13,502 | 7.6 | 0.5 |
| Central | 130,201 | 136,351 | 131,595 | 1.1 | -3.5 |
| West | 129,940 | 132,182 | 127,614 | -1.8 | -3.5 |

[^0]Italian Cheese, Total: Production by State and
United States, April 2009-2010

| State | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{aligned} & \mathrm{Mar}^{1} \\ & 2010 \end{aligned}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \mathrm{Mar} \\ 2010 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| CA | 98,647 | 116,181 | 112,897 | 14.4 | -2.8 |
| NY | 30,583 | 32,832 | 29,385 | -3.9 | -10.5 |
| PA | 22,759 | 24,382 | 23,184 | 1.9 | -4.9 |
| WI | 102,040 | 106,808 | 103,937 | 1.9 | -2.7 |
| Oth Sts ${ }^{2}$ | 92,018 | 100,374 | 97,093 | 5.5 | -3.3 |
| US | 346,047 | 380,577 | 366,496 | 5.9 | -3.7 |
| Atlantic | 61,893 | 64,832 | 59,394 | -4.0 | -8.4 |
| Central | 139,602 | 145,793 | 143,368 | 2.7 | -1.7 |
| West | 144,552 | 169,952 | 163,734 | 13.3 | -3.7 |

${ }^{1}$ Revised.
${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Mozzarella Cheese: Production by State and United States, April 2009-2010

| State | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \mathrm{Mar}^{1} \\ 2010 \end{gathered}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 2010 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| CA | 88,906 | 104,772 | 102,771 | 15.6 | -1.9 |
| NY | 16,187 | 19,024 | 16,362 | 1.1 | -14.0 |
| WI | 71,766 | 74,151 | 71,700 | -0.1 | -3.3 |
| Oth Sts ${ }^{2}$ | 93,745 | 102,350 | 97,721 | 4.2 | -4.5 |
| US | 270,604 | 300,297 | 288,554 | 6.6 | -3.9 |
| Atlantic | 41,541 | 44,849 | 40,414 | -2.7 | -9.9 |
| Central | 97,111 | 100,281 | 97,017 | -0.1 | -3.3 |
| West | 131,952 | 155,167 | 151,123 | 14.5 | -2.6 |

${ }^{1}$ Revised.
${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Butter: Production by State and United States, April 2009-2010

| State | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{aligned} & \mathrm{Mar}^{1} \\ & 2010 \end{aligned}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \hline \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 2010 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| CA | 45,673 | 51,837 | 48,320 | 5.8 | -6.8 |
| PA | 6,809 |  |  |  |  |
| Oth Sts ${ }^{2}$ | 89,734 | 87,000 | 90,316 |  |  |
| US | 142,216 | 138,837 | 138,636 | -2.5 | -0.1 |
| Atlantic | 13,457 | 14,172 | 14,226 | 5.7 | 0.4 |
| Central | 62,413 | 48,409 | 52,096 | -16.5 | 7.6 |
| West | 66,346 | 76,256 | 72,314 | 9.0 | -5.2 |

${ }^{1}$ Revised.
${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Nonfat Dry Milk, Human: Production by State and United States, April 2009-2010

| State | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{aligned} & \mathrm{Mar}^{1} \\ & 2010 \end{aligned}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \text { Mar } \\ 2010 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| CA | 69,514 | 74,117 | 84,449 | 21.5 | 13.9 |
| Oth Sts ${ }^{2}$ | 71,883 | 63,062 | 67,768 | -5.7 | 7.5 |
| US | 141,397 | 137,179 | 152,217 | 7.7 | 11.0 |
| Atlantic | 25,215 | 19,863 | 25,399 | 0.7 | 27.9 |
| Central | 18,473 | 15,520 | 16,790 | -9.1 | 8.2 |
| West | 97,709 | 101,796 | 110,028 | 12.6 | 8.1 |

${ }^{1}$ Revised.
${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Dry Whey, Human: Production by State and United States, April 2009-2010

| State | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{aligned} & \text { Mar }^{1} \\ & 2010 \end{aligned}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{gathered} \mathrm{Mar} \\ 2010 \end{gathered}$ |
|  | 1,000 pounds | 1,000 pounds | 1,000 pounds | percent | percent |
| NY | 11,490 | 9,260 | 11,727 | 2.1 | 26.6 |
| WI | 25,628 | 24,842 | 25,900 | 1.1 | 4.3 |
| Oth Sts ${ }^{2}$ | 42,404 | 52,918 | 47,988 | 13.2 | -9.3 |
| US | 79,522 | 87,020 | 85,615 | 7.7 | -1.6 |
| Atlantic | 21,127 | 19,877 | 21,787 | 3.1 | 9.6 |
| Central | 40,433 | 41,258 | 41,687 | 3.1 | 1.0 |
| West | 17,962 | 25,885 | 22,141 | 23.3 | -14.5 |

${ }^{1}$ Revised.
${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Ice Cream, Regular, Hard: Production by State and United States,
April 2009-2010

| State | April 2009-2010 |  |  | Change from |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  | $\begin{gathered} \text { Apr } \\ 2009 \end{gathered}$ | $\begin{aligned} & \text { Mar }^{1} \\ & 2010 \end{aligned}$ | $\begin{gathered} \text { Apr } \\ 2010 \end{gathered}$ | $\begin{gathered} \mathrm{Apr} \\ 2009 \end{gathered}$ | $\begin{gathered} \mathrm{Mar} \\ 2010 \end{gathered}$ |
|  | 1,000 gallons | 1,000 gallons | 1,000 gallons | percent | percent |
| CA | 12,976 | 13,599 | 13,780 | 6.2 | 1.3 |
| IN | 7,067 | 7,564 | 7,406 | 4.8 | -2.1 |
| MA | 2,479 | 2,954 | 2,527 | 1.9 | -14.5 |
| MO | 2,865 | 3,515 | 2,485 | -13.3 | -29.3 |
| NY | 2,584 |  |  |  |  |
| NC | 1,461 | 1,253 | 1,043 | -28.6 | -16.8 |
| OH | 2,508 | 2,255 | 2,069 | -17.5 | -8.2 |
| OR | 1,155 | 1,193 | 1,250 | 8.2 | 4.8 |
| PA | 2,761 | 2,402 | 2,886 | 4.5 | 20.1 |
| TN | 1,155 |  |  |  |  |
| TX | 4,565 | 3,962 | 4,292 | -6.0 | 8.3 |
| UT | 1,856 | 2,316 | 2,190 | 18.0 | -5.4 |
| WI | 1,365 | 1,380 | 1,407 | 3.1 | 2.0 |
| Oth Sts ${ }^{2}$ | 34,225 | 37,547 | 37,161 |  |  |
| US | 79,022 | 79,940 | 78,496 | -0.7 | -1.8 |
| N Atl | 11,175 |  |  |  |  |
| S Atl | 5,299 |  |  |  |  |
| Atlantic |  | 16,383 | 16,090 |  |  |
| E N Cen | 16,516 |  |  |  |  |
| W N Cen | 14,188 |  |  |  |  |
| S Cen | 11,472 |  |  |  |  |
| Central |  | 43,030 | 41,281 |  |  |
| West | 20,372 | 20,527 | 21,125 | 3.7 | 2.9 |

${ }^{1}$ Revised.
${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

## Statistical Methodology

Data Collection Period: Dairy products estimates are based upon survey data collected after the close of each month. Production data is provided by the firms producing dairy products.

Sampling frames and sample size: In 2009, there were 1,178 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. In states with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

Modes of data collection: Data are collected by mail, personal and telephone interviews, facsimile, and via electronic mail.

Terms and definitions: Firms complete the questionnaire using standard industry definitions and through the aid of instructions and definitions provided on the questionnaire.

Reliability: The Dairy Products report is a Census of all known manufacturers of dairy products in the United States. Firms producing a large quantity of dairy products, along with a sample of smaller firms, are contacted monthly to collect previous month production data. Those small firms not contacted monthly are contacted after the close of the year to obtain previous year production. Production of products at small firms not contacted monthly are estimated during the monthly survey based upon check data, and state and national trends. Small firms are defined as those that do not make up a significant portion of the published total. Plants storing nonfat dry milk and dry whey are required under Federal law to complete the Dairy Products report. Plants storing these items are contacted monthly. Additionally, many state governments have mandated that dairy plants in their state complete the Dairy Products report each month. Because the Dairy Products survey is a census, sampling error should not affect the final estimates, however nonsampling errors are possible.

Estimating Procedures: In the field office (FO), data reported by firms are reviewed for reasonableness and consistency by comparing with data reported in prior months and by data reported by other firms in the State. Each field office summarizes data at the State level. State estimates are submitted to the Agricultural Statistics Board (ASB) along with supporting comments where they are compared with surrounding states, their region, and national trends. During both FO and ASB review, plants are sometimes contacted again for further verification of numbers reported. After ASB review, FO data are summarized into a National level summary.

Revision Policy: Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in late April in the "Dairy Products Yearly Summary" report which includes any revisions made to previous 2 years of estimates. Revisions are generally due to plant data that are received too late to be included in the current report.

## Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information.


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#### Abstract

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[^0]:    ${ }^{1}$ Revised.
    ${ }^{2}$ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

