



# Potato Stocks

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## Potato Stocks Up 13 Percent from June 2020

Potato States held 65.3 million cwt in storage on June 1, 2021, up 13 percent from June 1, 2020. Potatoes in storage accounted for 16 percent of the States' 2020 production compared with 14 percent a year earlier. The indicated potato disappearance, at 349 million cwt, was down 5 percent from the same period last year. Season-to-date shrink and loss, at 24.0 million cwt, was 8 percent higher than the same time last year. Processors in the 8 States used 187 million cwt of potatoes for the season, down slightly from June 2020.

## Potato Production and Stocks – 13 States: June 1, 2020-2021

[Stocks include processor holdings and most of the seed to plant following year's crop. Seed usage for all seasons in 2020 totaled 23.7 million cwt]

| State                          | Crop of 2019 |                           |   | Crop of 2020 |                            |                           |   |
|--------------------------------|--------------|---------------------------|---|--------------|----------------------------|---------------------------|---|
|                                | Production   | Stocks<br>June 1,<br>2020 | June stocks<br>as a percent<br>of<br>production | Production   | Stocks<br>April 1,<br>2021 | Stocks<br>June 1,<br>2021 | June stocks<br>as a percent<br>of<br>production |
|                                | (1,000 cwt)  | (1,000 cwt)               | (percent)                                       | (1,000 cwt)  | (1,000 cwt)                | (1,000 cwt)               | (percent)                                       |
| California .....               | 16,842       | (D)                       | (D)   | 12,560       | 500                        | (D)                       | (D)   |
| Colorado .....                 | 19,666       | 2,800                     | 14  | 23,134       | 8,800                      | 5,200                     | 22  |
| Florida .....                  | 6,958        | (D)                       | (D)   | 5,450        | (D)                        | (D)                       | (D)   |
| Idaho .....                    | 130,900      | 25,000                    | 19  | 134,775      | 51,000                     | 26,000                    | 19  |
| Maine .....                    | 16,738       | 1,800                     | 11  | 12,878       | 3,500                      | 1,100                     | 9   |
| Michigan .....                 | 20,370       | 500                       | 2   | 17,860       | 3,300                      | 400                       | 2   |
| Minnesota .....                | 17,845       | 3,400                     | 19  | 17,638       | 6,400                      | 3,800                     | 22  |
| Nebraska .....                 | 9,595        | (D)                       | (D)   | 9,306        | 2,400                      | (D)                       | (D)   |
| North Dakota .....             | 19,430       | 2,400                     | 12  | 22,913       | 7,900                      | 3,800                     | 17  |
| Oregon .....                   | 25,311       | 2,800                     | 11  | 27,000       | 5,700                      | 3,900                     | 14  |
| Texas .....                    | 7,104        | (D)                       | (D)   | 4,374        | (D)                        | (D)                       | (D)   |
| Washington .....               | 104,960      | 15,500                    | 15  | 98,560       | 31,000                     | 13,800                    | 14  |
| Wisconsin .....                | 28,700       | 2,700                     | 9   | 27,800       | 9,600                      | 6,900                     | 25  |
| Other States <sup>1</sup> .... | -            | 1,100                     | (X)   | -            | 400                        | 400                       | (X)   |
| Total .....                    | 424,419      | 58,000                    | 14  | 414,248      | 130,500                    | 65,300                    | 16  |
| Klamath Basin <sup>2</sup> .   | (NA)         | (D)                       | (NA)  | (NA)         | 1,200                      | (D)                       | (NA)  |

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Includes data withheld above.

<sup>2</sup> Includes potato stocks in California and Klamath County, Oregon. Already included in the total.

## Potato Production and Stocks – 13 States: 2011-2020

| Crop year               | Stocks      |             |             |             |             |
|-------------------------|-------------|-------------|-------------|-------------|-------------|
|                         | Production  | December 1  | February 1  | April 1     | June 1      |
|                         | (1,000 cwt) | (1,000 cwt) | (1,000 cwt) | (1,000 cwt) | (1,000 cwt) |
| 2011 .....              | 382,318     | 253,000     | 187,500     | 115,650     | 43,340      |
| 2012 .....              | 410,367     | 271,500     | 204,600     | (NA)        | (NA)        |
| 2013 .....              | 388,204     | (NA)        | (NA)        | 119,450     | 47,085      |
| 2014 .....              | 399,118     | 267,500     | 206,600     | 139,200     | 63,535      |
| 2015 .....              | 403,062     | 267,900     | 205,900     | 137,200     | 60,080      |
| 2016 .....              | 412,688     | 275,800     | 213,000     | 142,600     | 67,570      |
| 2017 .....              | 406,800     | 277,900     | 210,600     | 138,800     | 63,740      |
| 2018 .....              | 414,359     | 279,300     | 212,800     | 144,700     | 70,370      |
| 2019 <sup>1</sup> ..... | 424,419     | 269,200     | 203,000     | 127,000     | 58,000      |
| 2020 .....              | 414,248     | 270,700     | 207,400     | 130,500     | 65,300      |

(NA) Not available.

<sup>1</sup> Prior to 2019, the production and stocks estimates represent fall potatoes. Beginning in 2019, they represent all potatoes.

## Quantity of Potatoes Used for Processing – 8 States: 2019-2021

[Total quantity received and used for processing regardless of the State in which the potatoes were produced. Blank cells indicate estimation period had not yet begun]

| State                                  | Current year     | Following year  |                  |               |               |             |              |             |
|--|------------------|-----------------|------------------|---------------|---------------|-------------|--------------|-------------|
|  | December 1, 2019 | January 1, 2020 | February 1, 2020 | March 1, 2020 | April 1, 2020 | May 1, 2020 | June 1, 2020 | Season      |
|  | (1,000 cwt)      | (1,000 cwt)     | (1,000 cwt)      | (1,000 cwt)   | (1,000 cwt)   | (1,000 cwt) | (1,000 cwt)  | (1,000 cwt) |
| Idaho and Malheur County, Oregon ..... | 26,655           | 33,170          | 39,840           | 47,980        | 55,775        | 61,640      | 69,395       | 86,863      |
| Maine .....                            | 1,585            | 2,050           | 2,610            | 2,875         | 3,285         | 3,590       | 4,040        | 5,050       |
| Washington and Oregon .....            | 34,755           | 42,045          | 49,685           | 59,535        | 67,325        | 71,280      | 78,895       | 94,700      |
| Other States <sup>1</sup> .....        | 13,315           | 17,485          | 21,170           | 24,940        | 28,430        | 31,263      | 34,565       | 39,346      |
| United States .....                    | 76,310           | 94,750          | 113,305          | 135,330       | 154,815       | 167,773     | 186,895      | 225,959     |
| Dehydrated <sup>2</sup> .....          | 11,850           | 15,075          | 18,620           | 21,865        | 25,510        | 28,780      | 32,080       | 40,285      |

  

| State                                  | Current year     | Following year  |                  |               |               |             |              |             |
|--|------------------|-----------------|------------------|---------------|---------------|-------------|--------------|-------------|
|  | December 1, 2020 | January 1, 2021 | February 1, 2021 | March 1, 2021 | April 1, 2021 | May 1, 2021 | June 1, 2021 | Season      |
|  | (1,000 cwt)      | (1,000 cwt)     | (1,000 cwt)      | (1,000 cwt)   | (1,000 cwt)   | (1,000 cwt) | (1,000 cwt)  | (1,000 cwt) |
| Idaho and Malheur County, Oregon ..... | 27,195           | 34,360          | 41,695           | 49,775        | 57,310        | 64,755      | 73,065       |             |
| Maine .....                            | 1,475            | 1,750           | 2,095            | 2,400         | 2,720         | 3,055       | 3,375        |             |
| Washington and Oregon .....            | 31,930           | 38,235          | 45,085           | 53,250        | 60,990        | 68,965      | 78,090       |             |
| Other States <sup>1</sup> .....        | 11,380           | 14,854          | 18,134           | 21,545        | 25,200        | 28,587      | 32,302       |             |
| United States .....                    | 71,980           | 89,199          | 107,009          | 126,970       | 146,220       | 165,362     | 186,832      |             |
| Dehydrated <sup>2</sup> .....          | 13,140           | 16,435          | 19,715           | 23,235        | 27,010        | 30,720      | 34,430       |             |

<sup>1</sup> Other States include Colorado, Minnesota, North Dakota, and Wisconsin.

<sup>2</sup> Dehydrated products except starch and flour. Includes Colorado, Idaho, Minnesota, Oregon, and Washington.

## Accumulated Potato Shrinkage and Loss – 13 States: 2019-2021

| Crop year | Current year     | Following year  |                  |               |               |             |              |
|-----------|------------------|-----------------|------------------|---------------|---------------|-------------|--------------|
|           | December 1, 2019 | January 1, 2020 | February 1, 2020 | March 1, 2020 | April 1, 2020 | May 1, 2020 | June 1, 2020 |
|           | (1,000 cwt)      | (1,000 cwt)     | (1,000 cwt)      | (1,000 cwt)   | (1,000 cwt)   | (1,000 cwt) | (1,000 cwt)  |
| 2019 ...  | 12,141           | 13,626          | 15,259           | 17,061        | 18,465        | 20,157      | 22,261       |
| Crop year | Current year     | Following year  |                  |               |               |             |              |
|           | December 1, 2020 | January 1, 2021 | February 1, 2021 | March 1, 2021 | April 1, 2021 | May 1, 2021 | June 1, 2021 |
|           | (1,000 cwt)      | (1,000 cwt)     | (1,000 cwt)      | (1,000 cwt)   | (1,000 cwt)   | (1,000 cwt) | (1,000 cwt)  |
| 2020 ...  | 12,993           | 14,050          | 16,558           | 18,109        | 20,200        | 22,322      | 23,997       |

## Statistical Methodology

**Survey Procedures:** The June 1 potato stocks estimate in this report are based primarily on a survey conducted in the first week of June in the potato producing States. The potato stocks survey is a probability survey that includes a sample of approximately 830 growers, processors, and storage facilities that are contacted to obtain the quantity of potatoes stored as of the first of the month, as well as monthly shrinkage and loss information.

Monthly processing data is collected from a census of all known potato processing facilities in eight States (Colorado, Idaho, Maine, Minnesota, North Dakota, Oregon, Washington, and Wisconsin). An effort is made to obtain a report from all facilities. Estimates are made for missing facilities to make the survey complete.

Data was collected by mail, internet, telephone, or personal interview to obtain information on potato stocks, monthly potato processing, and monthly shrink and loss.

**Estimating Procedures:** Information obtained from the potato stocks survey, processing survey, and federal administrative data, is used to establish estimates of stocks, shrinkage and loss, and processing usage. These estimates are reviewed for errors, reasonableness, and consistency with historical estimates.

**Revision Policy:** Stocks, shrink and loss, and processing estimates for the previous estimating period are subject to revision based on late and/or updated information. At the end of the marketing season, all information available, including disposition data, are thoroughly reviewed and any necessary revisions for the entire crop year are published in the *Potatoes Annual Summary* released in September.

**Reliability:** Reliability of the stocks and processing data must be treated separately because the survey designs for the two surveys are very different. The stocks estimates are subject to sampling variability because all operations holding stocks are not included in the sample. This variability, as measured by the relative standard error at the United States level, is approximately 5.7 percent. This means that chances are approximately 95 out of 100 that survey estimates for stocks will be within plus or minus 11.4 percent of the value that could be developed by averaging the estimates produced from all possible samples selected from the same population and surveyed using the same procedures.

Survey indications are also subject to non-sampling errors such as omission, duplication, imputation for missing data, and mistakes in reporting, recording, and processing the data. Processing, as well as stocks, are subject to these types of errors. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@usda.gov](mailto:nass@usda.gov)

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|---|----------------|
| Lance Honig, Chief, Crops Branch .....  | (202) 720-2127 |
| Fleming Gibson, Head, Fruits, Vegetables and Special Crops Section.....   | (202) 720-2127 |
| Heidi Lanouette – Blueberries, Cranberries, Cucumbers, Pistachios, Potatoes, Pumpkins,<br>Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes..... | (202) 720-4285 |
| Robert Little – Apricots, Dry Beans, Lettuce, Macadamia, Maple Syrup,<br>Nectarines, Pears, Snap Beans, Spinach, Tomatoes .....   | (202) 720-3250 |
| Fleming Gibson – Almonds, Apples, Asparagus, Carrots, Coffee, Onions<br>Plums, Prunes, Sweet Corn, Tobacco .....  | (202) 720-2127 |
| Krishna Rizal – Artichokes, Cauliflower, Celery, Garlic, Grapefruit, Hazelnuts,<br>Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges .....  | (202) 720-5412 |
| Chris Wallace – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas,<br>Chile Peppers, Dates, Floriculture, Grapes, Hops, Pecans .....                                 | (202) 720-4215 |
| Antonio Torres – Cantaloupes, Dry Edible Peas, Green Peas, Honeydews, Lentils,<br>Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons.....            | (202) 720-2157 |

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