



# Potato Stocks

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## Potato Stocks Up 9 Percent From June 2017

The 13 major potato States held 59.0 million cwt of potatoes in storage June 1, 2018, up 9 percent from June 1, 2017. Potatoes in storage accounted for 15 percent of the fall storage States' 2017 production, 2 percentage points more than last year. Potato disappearance, at 341 million cwt, was down 3 percent from June 1, 2017. Season-to-date shrink and loss, at 23.4 million cwt, was 8 percent lower than the same time last year. Processors in the 8 major States used 185 million cwt of potatoes for the season, up 1 percent from June 2017.

## Fall Potato Production and Stocks – 13 Major States: June 1, 2017-2018

[Stocks include processor holdings and most of the seed to plant following year's crop. Seed usage for all seasons in 2017 totaled 29.9 million cwt]

State	Crop of 2016			Crop of 2017			
	Production	Stocks June 1, 2017	June stocks as a percent of production	Production	Stocks April 1, 2018	Stocks June 1, 2018	June stocks as a percent of production
	(1,000 cwt)	(1,000 cwt)	(percent)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(percent)
California .....	3,516	(D)	(D)	3,690	1,400	(D)	(D)
Colorado .....	22,236	3,200	14	21,527	7,300	3,000	14
Idaho .....	139,320	21,000	15	131,325	49,000	23,000	18
Maine .....	15,113	1,900	13	15,035	5,300	2,800	19
Michigan .....	17,020	(D)	(D)	18,000	3,800	(D)	(D)
Minnesota .....	16,800	3,200	19	18,428	5,200	2,800	15
Montana .....	3,685	(D)	(D)	3,740	2,650	90	2
Nebraska .....	7,380	(D)	(D)	9,072	1,700	(D)	(D)
New York .....	3,552	(D)	(D)	4,321	800	400	9
North Dakota .....	21,600	2,700	13	25,160	8,900	4,000	16
Oregon .....	22,951	3,700	16	21,395	7,000	3,000	14
Washington .....	105,625	13,000	12	99,000	29,000	13,000	13
Wisconsin .....	27,840	3,900	14	29,145	9,900	5,300	18
Other States .....	(NA)	1,470	(NA)	(NA)	(NA)	1,560	(NA)
Total .....	406,638	54,070	13	399,838	131,950	58,950	15
Klamath Basin <sup>1</sup> .	(NA)	(D)	(NA)	(NA)	2,000	(D)	(NA)

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

(NA) Not available.

<sup>1</sup> Includes potato stocks in California and Klamath County, Oregon. Already included in the 13 States total.

## Fall Potato Production and Stocks – 13 Major States: 2008-2017

Crop year	Stocks							
	Production	December 1	January 1	February 1	March 1	April 1	May 1	June 1
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2008 .....	369,866	243,700	213,200	183,900	152,700	115,800	78,100	45,300
2009 .....	383,962	265,800	234,300	203,500	169,700	128,700	89,610	55,120
2010 .....	357,467	240,200	209,400	180,300	148,500	111,000	72,000	41,320
2011 .....	382,318	253,000	(NA)	187,500	(NA)	115,650	(NA)	43,340
2012 .....	410,367	271,500	(NA)	204,600	(NA)	(NA)	(NA)	(NA)
2013 .....	386,824	(NA)	(NA)	(NA)	(NA)	119,050	(NA)	46,885
2014 .....	396,798	265,700	(NA)	200,800	(NA)	128,700	(NA)	56,335
2015 .....	398,482	262,700	(NA)	198,100	(NA)	125,700	(NA)	51,280
2016 .....	406,638	272,900	(NA)	203,100	(NA)	131,400	(NA)	54,070
2017 .....	399,838	266,750	(NA)	202,750	(NA)	131,950	(NA)	58,950

(NA) Not available.

## Quantity of Potatoes Used for Processing – 8 States: 2016-2018

[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, 2016	January 1, 2017	February 1, 2017	March 1, 2017	April 1, 2017	May 1, 2017	June 1, 2017	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 .....	25,720	32,650	39,475	46,880	54,625	61,950	70,110	92,760
Maine .....	1,260	1,665	2,175	2,660	3,080	3,470	3,825	5,059
Washington and Oregon .....	36,700	42,180	47,835	55,365	62,125	68,705	76,635	90,785
Other States <sup>1</sup> .....	10,035	13,570	17,140	21,005	25,085	28,505	32,385	38,631
United States .....	73,715	90,065	106,625	125,910	144,915	162,630	182,955	227,235
Dehydrated <sup>2</sup> .....	11,560	15,305	19,085	22,675	26,565	30,545	34,890	46,317

  

State	Current year	Following year						
	December 1, 2017	January 1, 2018	February 1, 2018	March 1, 2018	April 1, 2018	May 1, 2018	June 1, 2018	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 .....	24,840	31,915	38,950	46,615	54,075	61,335	69,690	
Maine .....	1,510	1,880	2,370	2,880	3,460	4,010	4,560	
Washington and Oregon .....	32,885	39,925	46,515	54,355	61,780	68,420	76,360	
Other States <sup>1</sup> .....	9,995	14,146	18,040	22,710	26,505	30,395	34,710	
United States .....	69,230	87,866	105,875	126,560	145,820	164,160	185,320	
Dehydrated <sup>2</sup> .....	10,595	14,304	18,085	21,685	25,790	29,890	34,325	

<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 Fall Storage States: 2016-2018

Crop year	Current year	Following year					
	December 1, 2016	January 1, 2017	February 1, 2017	March 1, 2017	April 1, 2017	May 1, 2017	June 1, 2017
	(million cwt)	(million cwt)	(million cwt)	(million cwt)	(million cwt)	(million cwt)	(million cwt)
2016 ...	12.0	14.3	16.2	18.8	20.9	23.1	25.4
Crop year	Current year	Following year					
	December 1, 2017	January 1, 2018	February 1, 2018	March 1, 2018	April 1, 2018	May 1, 2018	June 1, 2018
	(million cwt)	(million cwt)	(million cwt)	(million cwt)	(million cwt)	(million cwt)	(million cwt)
2017 ...	12.2	13.8	15.6	17.5	19.3	21.4	23.4

### Statistical Methodology

**Survey Procedures:** The potato stock estimates in this report are based primarily on a survey conducted in the first week of June in the thirteen major fall potato producing States, which account for 91 percent of all potato production last year. The potato stocks survey is a probability survey that includes a sample of approximately 975 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*.

**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 3.3 percent which means that chances are 2 out of 3 that the current potato stock estimate will not be above or below the final estimate by more than 7.8 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 13.5 percent.

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@nass.usda.gov](mailto:nass@nass.usda.gov)

Lance Honig, Chief, Crops Branch .....	(202) 720-2127
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Vincent Davis – Apricots, Bananas, Cherries, Garlic, Lettuce, Mint, Papaya, Pears, Strawberries, Tomatoes.....	(202) 720-2157
Fleming Gibson – Avocados, Cauliflower, Celery, Citrus, Coffee, Dates, Figs, Kiwifruit, Nectarines, Olives, Green Peas, Taro, Watermelons .....	(202) 720-5412
Greg Lemmons – Blackberries, Blueberries, Boysenberries, Cranberries, Cucumbers, Potatoes, Pumpkins, Raspberries, Squash, Sugarbeets, Sugarcane, Sweet Potatoes .....	(202) 720-4285
Dan Norris – Artichokes, Austrian Winter Peas, Cantaloupes, Dry Beans, Dry Edible Peas, Honeydews, Lentils, Mushrooms, Peaches, Snap Beans .....	(202) 720-3250
Daphne Schaubert – Bell Peppers, Broccoli, Cabbage, Chile Peppers, Floriculture, Grapes, Hops, Maple Syrup, Tree Nuts, Spinach .....	(202) 720-4215
Chris Singh – Apples, Asparagus, Carrots, Lima Beans, Onions, Plums, Prunes, Sweet Corn, Tobacco .....	(202) 720-4288

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