



# Potato Stocks

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## Potato Stocks Down 2 Percent from December 2021

Potato States held 265 million cwt in storage on December 1, 2021, down 2 percent from December 1, 2020. Potatoes in storage accounted for 64 percent of the States' 2021 production compared with 64 percent a year earlier. The indicated potato disappearance, at 148 million cwt, was down 1 percent from the same period last year. Season-to-date shrink and loss, at 13.2 million cwt, was 10 percent higher than the same time last year. Processors in the 8 States used 75.9 million cwt of potatoes for the season, up 5 percent from December 2020.

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

[Stocks include processor holdings and most of the seed to plant following year's crop.]

State	Crop of 2020			Crop of 2021		
	Production	Stocks December 1, 2020	December stocks as a percent of production	Production	Stocks December 1, 2021	December stocks as a percent of production
	(1,000 cwt)	(1,000 cwt)	(percent)	(1,000 cwt)	(1,000 cwt)	(percent)
California .....	12,861	1,800	14	12,348	1,300	11
Colorado .....	22,596	16,900	75	21,141	15,400	73
Florida .....	5,304	(D)	(D)	5,373	(D)	(D)
Idaho .....	134,775	95,000	70	132,090	92,500	70
Maine .....	13,462	9,800	73	18,423	14,100	77
Michigan .....	17,550	10,900	62	20,008	12,400	62
Minnesota .....	17,922	12,500	70	17,598	12,600	72
Nebraska .....	9,212	5,000	54	9,167	5,300	58
North Dakota .....	23,800	17,100	72	21,000	14,900	71
Oregon .....	27,000	22,400	83	25,536	20,000	78
Texas .....	7,115	(D)	(D)	6,020	(D)	(D)
Washington .....	99,653	57,000	57	93,308	52,000	56
Wisconsin .....	28,770	17,900	62	31,150	22,000	74
Other States <sup>1</sup> .....	-	4,000	(X)	-	2,800	(X)
Total .....	420,020	270,300	64	413,162	265,300	64
Klamath Basin <sup>2</sup> .....	(NA)	4,800	(NA)	(NA)	4,000	(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: 2012-2021

[Blank cells indicate estimation period has not yet begun]

Crop year	Production	December 1	February 1	April 1	June 1
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
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 .....	420,020	270,300	205,100	124,800	56,400
2021 .....	413,162	265,300			

(NA) Not available.

<sup>1</sup> Beginning in 2019, production represents all potatoes.

## Potato Stocks by Type as Percent of Total Stocks – 13 States: December 1, 2020-2021

State	Potato types								
	Reds		Whites			Yellows		Russets	
			Round whites	Long whites	All <sup>1</sup>				
	2020	2021	2020	2020	2021	2020	2021	2020	2021
(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
California .....	6	8	47	-	39	20	23	27	30
Colorado .....	4	4	(D)	(D)	3	7	7	86	86
Florida .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Idaho .....	2	3	3	(D)	(D)	(D)	(D)	92	93
Maine .....	4	6	39	1	30	4	4	52	60
Michigan .....	(D)	1	79	-	82	(D)	1	18	16
Minnesota .....	5	7	4	(D)	4	(D)	1	88	88
Nebraska .....	(D)	(D)	61	-	69	(D)	(D)	37	29
North Dakota .....	16	18	27	2	26	3	4	52	52
Oregon .....	(D)	(D)	2	2	(D)	(D)	(D)	92	92
Texas .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	3	3	(D)	(D)	5	3	3	89	89
Wisconsin .....	5	6	31	-	33	2	2	62	59
13 State average .....	4	4	13	1	14	3	3	79	79

- Represents zero.

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

<sup>1</sup> Beginning in 2021 data for round white potatoes and long white potatoes are discontinued.

## Quantity of Potatoes Used for Processing – 8 States: 2020-2022

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

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	49,565	57,390	64,815	73,065	90,755
Maine .....	1,475	1,750	2,095	2,400	2,720	3,055	3,375	4,307
Washington and Oregon .....	31,930	38,235	45,085	53,300	60,990	68,955	78,055	89,406
Other States <sup>1</sup> .....	11,380	14,854	18,134	21,545	25,200	28,587	32,302	38,101
United States .....	71,980	89,199	107,009	126,810	146,300	165,412	186,797	222,569
Dehydrated <sup>2</sup> .....	13,140	16,435	19,715	23,245	27,090	30,780	34,430	43,735

  

State	Current year	Following year						
	December 1, 2021	January 1, 2022	February 1, 2022	March 1, 2022	April 1, 2022	May 1, 2022	June 1, 2022	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 .....	27,070							
Maine .....	1,735							
Washington and Oregon .....	34,975							
Other States <sup>1</sup> .....	12,096							
United States .....	75,876							
Dehydrated <sup>2</sup> .....	11,855							

<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: 2020-2022

[Blank cells indicate estimation period has not yet begun]

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 ....	12,076	13,766	15,591	17,386	19,118	20,871	22,181

  

Crop year	Current year	Following year					
	December 1, 2021	January 1, 2022	February 1, 2022	March 1, 2022	April 1, 2022	May 1, 2022	June 1, 2022
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2021 ....	13,233						

## Statistical Methodology

**Survey Procedures:** The December 1 potato stock estimates in this report are based primarily on a survey conducted in the first week of December in the potato producing States. The potato stocks survey is a probability survey that includes a sample of approximately 840 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 1.1 percent. This means that chances are approximately 95 out of 100 that the survey estimates for stocks will be within plus or minus 2.2 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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Robert Little – Apricots, Dry Beans, Lettuce, Macadamia, Maple Syrup, Nectarines, Pears, Snap Beans, Spinach, Tomatoes .....	(202) 720-3250
Deonne Holiday – Almonds, Apples, Asparagus, Carrots, Coffee, Onions, Plums, Prunes, Sweet Corn, Tobacco.....	(202) 720-4288
Krishna Rizal – Artichokes, Cauliflower, Celery, Garlic, Grapefruit, Hazelnuts, Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges,.....	(202) 720-5412
Chris Wallace – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas, Chile Peppers, Dates, Floriculture, Grapes, Hops, Pecans .....	(202) 720-4215
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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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