



# Potato Stocks

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## Potato Stocks Up 2 Percent from February 2020

Potato States held 207 million cwt in storage on February 1, 2021, up 2 percent from February 1, 2020. Potatoes in storage accounted for 50 percent of the States' 2020 production compared with 48 percent a year earlier. The indicated potato disappearance, at 207 million cwt, was down 7 percent from the same period last year. Season-to-date shrink and loss, at 15.9 million cwt, was 4 percent higher than the same time last year. Processors in the 8 States used 107 million cwt of potatoes for the season, down 5 percent from February 2020.

## Potato Production and Stocks – 13 States: February 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 February 1, 2020	February stocks as a percent of production	Production	Stocks December 1, 2020	Stocks February 1, 2021	February stocks as a percent of production
	(1,000 cwt)	(1,000 cwt)	(percent)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(percent)
California .....	16,842	1,700	10	12,560	2,000	1,000	8
Colorado .....	19,666	10,600	54	23,134	17,100	13,500	58
Florida .....	6,958	(D)	(D)	5,450	(D)	(D)	(D)
Idaho .....	130,900	73,000	56	134,775	95,000	75,000	56
Maine .....	16,738	9,600	57	12,878	9,800	7,400	57
Michigan .....	20,370	7,900	39	17,860	11,400	7,300	41
Minnesota .....	17,845	8,200	46	17,638	12,600	9,200	52
Nebraska .....	9,595	3,600	38	9,306	5,000	3,900	42
North Dakota .....	19,430	9,900	51	22,913	16,100	12,600	55
Oregon .....	25,311	14,000	55	27,000	22,400	15,200	56
Texas .....	7,104	(D)	(D)	4,374	(D)	(D)	(D)
Washington .....	104,960	46,500	44	98,560	57,000	45,500	46
Wisconsin .....	28,700	15,500	54	27,800	20,000	16,300	59
Other States <sup>1</sup> ....	-	2,500	(X)	-	2,300	400	(X)
Total .....	424,419	203,000	48	414,248	270,700	207,300	50
Klamath Basin <sup>2</sup> .	(NA)	3,200	(NA)	(NA)	5,000	2,700	(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

[Blank cells indicate estimation period has not yet begun.]

Crop year	Production	December 1	February 1	April 1	June 1
	(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	207,300		

(NA) Not available.

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

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

State	Potato Types														
	Reds			Round whites			Long whites			Yellows			Russets		
	Feb 2020	Dec 2020	Feb 2021	Feb 2020	Dec 2020	Feb 2021	Feb 2020	Dec 2020	Feb 2021	Feb 2020	Dec 2020	Feb 2021	Feb 2020	Dec 2020	Feb 2021
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
California .....	(D)	6	6	42	47	47	(D)	-	(D)	17	20	24	35	27	23
Colorado .....	3	4	5	4	(D)	1	1	(D)	2	4	7	4	88	86	88
Florida .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Idaho .....	3	2	2	4	3	4	-	(D)	(D)	2	(D)	(D)	91	92	90
Maine .....	4	4	3	37	39	37	(D)	1	1	(D)	4	5	55	52	54
Michigan .....	(D)	(D)	(D)	80	79	79	-	-	(D)	(D)	(D)	(D)	18	18	18
Minnesota .....	3	5	5	4	4	4	(D)	(D)	(D)	(D)	(D)	(D)	90	88	89
Nebraska .....	(D)	(D)	(D)	59	61	61	(D)	-	-	(D)	(D)	(D)	38	37	37
North Dakota .....	20	16	15	(D)	27	24	(D)	2	2	3	3	3	56	52	56
Oregon .....	2	(D)	(D)	1	2	(D)	(D)	2	(D)	(D)	(D)	(D)	90	92	91
Texas .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington .....	2	3	2	2	(D)	(D)	-	(D)	(D)	3	3	(D)	93	89	91
Wisconsin .....	5	5	5	28	31	34	-	-	-	2	2	1	65	62	60
13 State average .....	3	4	3	12	13	12	1	1	1	2	3	3	82	79	81

- Represents zero.

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

## 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 has 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					
Maine .....	1,475	1,750	2,095					
Washington and Oregon .....	31,930	38,235	45,085					
Other States <sup>1</sup> .....	11,380	14,854	18,134					
United States .....	71,980	89,199	107,009					
Dehydrated <sup>2</sup> .....	13,140	16,435	19,715					

<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

[Blank cells indicate estimation period has not yet begun]

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	15,872				

## Statistical Methodology

**Survey Procedures:** The February 1 potato stocks estimate in this report are based primarily on a survey conducted in the first week of February 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 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 2.0 percent. This means that chances are approximately 95 out of 100 that the survey estimates for stocks will be within plus or minus 4.0 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
Anastasiya Osborne – 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
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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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