



Potato Stocks

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Potato Stocks Up 5 Percent from April 2020

Potato States held 133 million cwt in storage on April 1, 2021, up 5 percent from April 1, 2020. Potatoes in storage accounted for 32 percent of the States' 2020 production compared with 30 percent a year earlier. The indicated potato disappearance, at 281 million cwt, was down 5 percent from the same period last year. Season-to-date shrink and loss, at 20.0 million cwt, was 8 percent higher than the same time last year. Processors in the 8 States used 146 million cwt of potatoes for the season, down 6 percent from April 2020.

Potato Production and Stocks – 13 States: April 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 April 1, 2020	April stocks as a percent of production	Production	Stocks February 1, 2021	Stocks April 1, 2021	April 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	600	4	12,560	1,000	400	3
Colorado	19,666	5,900	30	23,134	13,400	9,000	39
Florida	6,958	(D)	(D)	5,450	(D)	(D)	(D)
Idaho	130,900	48,000	37	134,775	75,000	51,000	38
Maine	16,738	6,300	38	12,878	7,400	3,100	24
Michigan	20,370	3,900	19	17,860	7,300	3,300	18
Minnesota	17,845	5,700	32	17,638	9,200	6,400	36
Nebraska	9,595	2,300	24	9,306	4,100	2,400	26
North Dakota	19,430	5,900	30	22,913	12,600	7,900	34
Oregon	25,311	8,400	33	27,000	15,200	5,700	21
Texas	7,104	(D)	(D)	4,374	(D)	(D)	(D)
Washington	104,960	28,500	27	98,560	45,500	31,000	31
Wisconsin	28,700	9,900	34	27,800	16,100	12,300	44
Other States ¹	-	1,600	(X)	-	600	300	(X)
Total	424,419	127,000	30	414,248	207,400	132,800	32
Klamath Basin ²	(NA)	1,200	(NA)	(NA)	2,700	1,100	(NA)

- Represents zero.

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

(NA) Not available.

(X) Not applicable.

¹ Includes data withheld above.

² 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	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 ¹	424,419	269,200	203,000	127,000	58,000
2020	414,248	270,700	207,400	132,800	

(NA) Not available.

¹ 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 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 ¹	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 ²	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	57,255			
Maine	1,475	1,750	2,095	2,400	2,720			
Washington and Oregon	31,930	38,235	45,085	53,250	60,815			
Other States ¹	11,380	14,854	18,134	21,545	25,200			
United States	71,980	89,199	107,009	126,970	145,990			
Dehydrated ²	13,140	16,435	19,715	23,235	26,520			

¹ Other States include Colorado, Minnesota, Nevada, North Dakota, and Wisconsin.

² Dehydrated products except starch and flour. Includes Colorado, Idaho, Minnesota, Oregon, and Washington.

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

[Prior to 2019, the shrinkage and loss estimates represent fall potatoes. Beginning in 2019, they represent all potatoes. 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
2019	(1,000 cwt) 12,141	(1,000 cwt) 13,626	(1,000 cwt) 15,259	(1,000 cwt) 17,061	(1,000 cwt) 18,465	(1,000 cwt) 20,157	(1,000 cwt) 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
2020	(million cwt) 12,993	(million cwt) 14,050	(million cwt) 16,558	(million cwt) 18,109	(million cwt) 19,955	(million cwt)	(million cwt)

Statistical Methodology

Survey Procedures: The April 1 potato stocks estimate in this report are based primarily on a survey conducted in the first week of April 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 1.9 percent. This means that chances are approximately 95 out of 100 that survey estimates for stocks will be within plus or minus 3.8 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

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Heidi Lanouette – Blueberries, Cranberries, Cucumbers, Pistachios, Potatoes, Pumpkins, Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes.....	(202) 720-4285
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
Fleming Gibson – Avocados, Bell Peppers, Broccoli, Cabbage, Chickpeas, Chile Peppers, Dates, Floriculture, Grapes, Hops, Pecans	(202) 720-2127
Antonio Torres – Cantaloupes, Dry Edible Peas, Green Peas, Honeydews, Lentils, Papayas, Peaches, Sweet Cherries, Tart Cherries, Walnuts, Watermelons.....	(202) 720-2157

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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.

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