



# Potato Stocks

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## Potato Stocks Down 5 Percent from April 2022

Potatoes held in storage on April 1, 2023 totaled 121 million cwt, down 5 percent from April 1, 2022. Potatoes in storage accounted for 31 percent of the 2022 production, equal to a year earlier. The indicated season to date disappearance, at 271 million cwt, was down 4 percent from the same period last year. Season to date shrink and loss, at 18.5 million cwt, was down 2 percent from the same time last year. Processors in the 8 States used 150 million cwt of potatoes for the season, down 3 percent from April 2022.

## Potato Production and Stocks – 13 States: April 1, 2022-2023

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

State	Crop of 2021			Crop of 2022			
	Production	Stocks April 1, 2022	April stocks as a percent of production	Production	Stocks February 1, 2023	Stocks April 1, 2023	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 .....	11,049	500	5	7,728	900	500	6
Colorado .....	21,484	7,200	34	21,120	10,800	6,700	32
Florida .....	5,400	(D)	(D)	4,956	(D)	(D)	(D)
Idaho .....	132,090	48,000	36	120,745	64,500	42,000	35
Maine .....	18,389	5,500	30	18,060	9,700	5,900	33
Michigan .....	19,350	4,000	21	16,465	7,200	3,700	22
Minnesota .....	17,553	6,700	38	20,081	11,500	8,000	40
Nebraska .....	9,261	2,300	25	9,652	4,100	1,700	18
North Dakota .....	22,500	8,900	40	22,995	13,200	8,300	36
Oregon .....	26,280	8,900	34	24,940	13,100	7,600	30
Texas .....	5,520	(D)	(D)	7,188	(D)	(D)	(D)
Washington .....	91,928	25,000	27	90,383	38,000	26,000	29
Wisconsin .....	29,025	9,400	32	27,930	15,000	10,000	36
Other States <sup>1</sup> ....	-	900	(X)	-	1,800	700	(X)
Total .....	409,829	127,300	31	392,243	189,800	121,100	31
Klamath Basin <sup>2</sup> .	(NA)	1,200	(NA)	(NA)	2,300	1,100	(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: 2013-2022

[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)
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 .....	409,829	265,500	198,600	127,300	56,400
2022 .....	392,243	254,400	189,800	121,100	

(NA) Not available.

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

## Quantity of Potatoes Used for Processing – 8 States: 2021-2023

[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, 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	34,300	41,530	48,715	56,370	63,875	71,680	83,070
Maine .....	1,735	2,250	2,890	3,475	4,065	4,590	5,050	5,399
Washington and Oregon <sup>1</sup> .....	34,920	42,380	49,870	59,620	67,870	76,105	84,965	94,882
Other States <sup>2</sup> .....	11,882	16,011	19,773	22,981	26,364	29,486	33,035	39,642
United States .....	75,607	94,941	114,063	134,791	154,669	174,056	194,730	222,993
Dehydrated <sup>3</sup> .....	11,855	15,715	19,495	22,335	26,080	29,360	32,415	40,406

  

State	Current year	Following year						
	December 1, 2022	January 1, 2023	February 1, 2023	March 1, 2023	April 1, 2023	May 1, 2023	June 1, 2023	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)
Colorado .....	740	(D)	1,275	1,465	1,695			
Idaho .....	22,085	28,735	35,255	42,015	48,795			
Maine .....	(D)	(D)	(D)	(D)	(D)			
Minnesota .....	2,745	3,795	4,985	5,915	7,070			
North Dakota .....	(D)	(D)	(D)	(D)	(D)			
Oregon .....	15,630	18,630	21,335	24,515	28,000			
Malheur County .....	3,715	4,410	5,200	5,900	6,750			
All other counties .....	11,915	14,220	16,135	18,615	21,250			
Washington .....	24,715	29,330	34,025	39,065	43,970			
Wisconsin .....	4,595	5,580	6,665	(D)	(D)			
Other States <sup>4</sup> .....	4,868	7,519	8,075	17,369	20,203			
United States .....	75,378	93,589	111,615	130,344	149,733			
Dehydrated <sup>3</sup> .....	11,095	14,560	17,680	20,765	24,220			

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

<sup>1</sup> Oregon excluding Malheur County.

<sup>2</sup> Other States include Colorado, Minnesota, North Dakota, and Wisconsin.

<sup>3</sup> Dehydrated products except starch and flour. Includes Colorado, Idaho, Minnesota, Oregon, and Washington.

<sup>4</sup> Includes data withheld above.

## Accumulated Potato Shrinkage and Loss – 13 States: 2021-2023

[Blank cells indicate estimation period has not yet begun]

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
2021 ....	(1,000 cwt) 12,202	(1,000 cwt) 13,831	(1,000 cwt) 15,450	(1,000 cwt) 17,355	(1,000 cwt) 18,950	(1,000 cwt) 20,480	(1,000 cwt) 21,848
Crop year	Current year	Following year					
	December 1, 2022	January 1, 2023	February 1, 2023	March 1, 2023	April 1, 2023	May 1, 2023	June 1, 2023
2022 ....	(million cwt) 11,846	(million cwt) 13,668	(million cwt) 15,179	(million cwt) 16,880	(million cwt) 18,492	(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 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 2.0 percent. This means that chances are approximately 95 out of 100 that 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
Krishna Rizal – Artichokes, Cauliflower, Celery, Garlic, Grapefruit, Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges, Pistachios.....	(202) 720-5412
Chris Singh – Apples, Blueberries, Cucumbers, Hazelnuts, Potatoes, Pumpkins, Raspberries, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes.....	(202) 720-4285
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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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