



Potato Stocks

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Potato Stocks Up 10 Percent from December 2022

Potatoes held in storage on December 1, 2023 totaled 285 million cwt, up 10 percent from December 1, 2022. Potatoes in storage accounted for 66 percent of the 2023 production, up 1 percent from a year earlier. The indicated season to date disappearance, at 150 million cwt, was up 6 percent from the same period last year. Season to date shrink and loss, at 13.1 million cwt, was up 12 percent from the same time last year. Processors in the 8 States used 75.3 million cwt of potatoes for the season, virtually the same as December 2022.

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

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

State	Crop of 2022			Crop of 2023		
	Production	Stocks December 1, 2022	December stocks as a percent of production	Production	Stocks December 1, 2023	December stocks as a percent of production
	(1,000 cwt)	(1,000 cwt)	(percent)	(1,000 cwt)	(1,000 cwt)	(percent)
California	8,465	1,400	17	9,614	(D)	(D)
Colorado	21,425	15,000	70	21,372	15,600	73
Florida	5,024	(D)	(D)	6,061	0	(X)
Idaho	120,745	85,000	70	141,900	100,000	70
Maine	18,425	14,200	77	17,358	13,500	78
Michigan	18,883	11,500	61	19,475	12,500	64
Minnesota	19,147	13,100	68	18,428	12,300	67
Nebraska	9,652	5,500	57	11,060	6,300	57
North Dakota	21,750	16,200	74	25,875	19,000	73
Oregon	25,800	19,200	74	27,225	21,600	79
Texas	7,418	(D)	(D)	4,890	(D)	(D)
Washington	95,410	56,000	59	101,168	61,000	60
Wisconsin	26,600	17,600	66	29,798	19,200	64
Other States ¹	-	3,200	(X)	-	3,700	(X)
Total	398,744	257,900	65	434,224	284,700	66
Klamath Basin ²	(NA)	3,800	(NA)	(NA)	(D)	(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: 2014-2023

[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)
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	420,020	270,300	205,100	124,800	56,400
2021	409,829	265,500	198,600	127,300	56,400
2022	398,744	257,900	189,700	118,300	53,800
2023	434,224	284,700			

¹ Beginning in 2019, production represents all potatoes.

Potato Stocks by Type as Percent of Total Stocks – 13 States: December 1, 2022-2023

State	Potato types							
	Reds		Whites		Yellows		Russets	
	2022	2023	2022	2023	2022	2023	2022	2023
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
California	7	12	41	27	13	21	39	40
Colorado	5	2	1	4	6	4	88	90
Florida	(D)	(X)	(D)	(X)	(D)	(X)	(D)	(X)
Idaho	2	3	2	2	3	3	93	92
Maine	(D)	3	29	27	(D)	4	56	66
Michigan	(D)	(D)	78	74	4	(D)	(D)	22
Minnesota	7	7	(D)	(D)	(D)	(D)	89	87
Nebraska	(D)	(D)	69	59	(D)	(D)	29	39
North Dakota	(D)	(D)	25	28	(D)	(D)	51	50
Oregon	(D)	(D)	(D)	8	(D)	(D)	91	87
Texas	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington	3	2	5	5	4	2	88	91
Wisconsin	5	6	42	30	2	2	51	62
13 State average	4	4	14	13	4	3	78	80

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

(X) Not applicable.

Quantity of Potatoes Used for Processing – 8 States: 2022-2024

[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, 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	1,875	2,075	2,643
Idaho	22,085	28,735	35,255	42,015	48,795	55,030	62,110	77,015
Maine	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Minnesota	2,745	3,795	4,985	5,915	7,070	8,200	8,925	10,598
North Dakota	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oregon	15,630	18,630	21,335	24,515	28,000	31,145	34,490	39,185
Malheur County	3,715	4,410	5,200	5,900	6,750	7,580	8,465	9,618
All other counties	11,915	14,220	16,135	18,615	21,250	23,565	26,025	29,567
Washington	24,715	29,330	34,025	39,065	43,970	48,915	54,200	60,081
Wisconsin	4,595	5,580	6,665	(D)	(D)	(D)	(D)	(D)
Other States ⁴	4,868	7,519	8,075	17,369	20,203	22,735	25,578	30,177
United States	75,378	93,589	111,615	130,344	149,733	167,900	187,378	219,699
Dehydrated ³	11,095	14,560	17,680	20,765	24,220	27,510	31,130	37,663

State	Current year	Following year						
	December 1, 2023	January 1, 2024	February 1, 2024	March 1, 2024	April 1, 2024	May 1, 2024	June 1, 2024	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	860							
Idaho	26,080							
Maine	(D)							
Minnesota	3,245							
North Dakota	(D)							
Oregon	13,815							
Malheur County	2,290							
All other counties	11,525							
Washington	21,590							
Wisconsin	4,595							
Other States ⁴	5,150							
United States	75,335							
Dehydrated ³	11,480							

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

¹ Oregon excluding Malheur County.

² Other States include Colorado, Minnesota, North Dakota, and Wisconsin.

³ Dehydrated products except starch and flour. Includes Colorado, Idaho, Minnesota, Oregon, and Washington.

⁴ Includes data withheld above.

Accumulated Potato Shrinkage and Loss – 13 States: 2022-2024

[Blank cells indicate estimation period has not yet begun]

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
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2022	11,679	13,473	14,858	16,738	18,296	19,616	20,913
Crop year	Current year	Following year					
	December 1, 2023	January 1, 2024	February 1, 2024	March 1, 2024	April 1, 2024	May 1, 2024	June 1, 2024
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2023	13,107						

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 2.3 percent. This means that chances are approximately 95 out of 100 that the survey estimates for stocks will be within plus or minus 4.6 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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Robert Little – Blueberries, Cabbage, Dry Beans, Lettuce, Macadamia, Maple Syrup, Pears, Raspberries, Spinach	(202) 720-3250
Krishna Rizal – Artichokes, Asparagus, Celery, Grapefruit, Kiwifruit, Lemons, Mandarins and tangerines, Mint, Mushrooms, Olives, Oranges, Pistachios	(202) 720-5412
Chris Singh – Apples, Cucumbers, Hazelnuts, Potatoes, Pumpkins, Squash, Strawberries, Sugarbeets, Sugarcane, Sweet Potatoes	(202) 720-4285
Antonio Torres – Cantaloupes, Dry Edible Peas, Grapes, Green Peas, Honeydews, Lentils, Sweet Cherries, Tart Cherries, Walnuts, Watermelons	(202) 720-2157
Chris Wallace – Avocados, Bell Peppers, Broccoli, Cauliflower, Chile Peppers, Dates, Floriculture, Hops, Papayas, Pecans	(202) 720-4215

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