



Potato Stocks

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Potato Stocks Up 12 Percent from February 2023

Potatoes held in storage on February 1, 2024 totaled 216 million cwt, up 12 percent from February 1, 2023. Potatoes in storage accounted for 49 percent of the 2023 production, up 1 percent from the same period a year earlier. The indicated season to date disappearance, at 225 million cwt, was up 7 percent from the same period last year. Season to date shrink and loss, at 17.3 million cwt, was up 16 percent from the same time last year. Processors in the 8 States used 115 million cwt of potatoes for the season, up 3 percent from February 2023.

Potato Production and Stocks – 13 States: February 1, 2023-2024

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

State	Crop of 2022			Crop of 2023			
	Production	Stocks February 1, 2023	February stocks as a percent of production	Production	Stocks December 1, 2023	Stocks February 1, 2024	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	8,465	900	11	10,534	(D)	(D)	(D)
Colorado	21,425	11,000	51	21,098	15,500	11,100	53
Florida	5,024	(D)	(D)	6,270	0	0	(X)
Idaho	120,745	66,000	55	144,980	103,000	82,000	57
Maine	18,425	10,000	54	17,884	13,500	9,100	51
Michigan	20,958	8,200	39	21,533	13,000	8,900	41
Minnesota	19,147	10,100	53	18,240	12,200	9,800	54
Nebraska	9,652	3,700	38	10,950	6,300	4,400	40
North Dakota	21,750	12,300	57	26,250	18,600	13,400	51
Oregon	26,400	13,900	53	27,450	21,400	15,000	55
Texas	8,453	(D)	(D)	6,510	(D)	(D)	(D)
Washington	95,410	41,000	43	99,688	57,000	44,500	45
Wisconsin	26,200	12,600	48	29,363	19,000	15,100	51
Other States ¹	-	2,200	(X)	-	4,200	2,400	(X)
Total	402,054	191,900	48	440,750	283,700	215,700	49
Klamath Basin ² .	(NA)	2,400	(NA)	(NA)	(D)	(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	423,189	268,300	202,400	126,600	57,900
2020	419,781	269,400	204,800	124,700	56,300
2021	412,639	267,100	199,700	127,700	56,600
2022	402,054	257,600	191,900	121,300	55,900
2023	440,750	283,700	215,700		

¹ Beginning in 2019, production represents all potatoes.

Potato Stocks by Type as Percent of Total Stocks – 13 States: February 1, 2023-2024

State	Potato types											
	Reds			Whites			Yellows			Russets		
	Feb 2023	Dec 2023	Feb 2024	Feb 2023	Dec 2023	Feb 2024	Feb 2023	Dec 2023	Feb 2024	Feb 2023	Dec 2023	Feb 2024
	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
California	7	12	(D)	26	27	(D)	14	21	(D)	53	40	(D)
Colorado	(D)	2	1	10	4	5	(D)	4	3	84	90	91
Florida	(D)	(X)	(X)	(D)	(X)	(X)	(D)	(X)	(X)	(D)	(X)	(X)
Idaho	2	3	3	1	2	3	2	3	3	95	92	91
Maine	4	3	3	30	27	32	4	4	4	62	66	61
Michigan	(D)	(D)	(D)	77	74	72	(D)	(D)	(D)	21	22	26
Minnesota	7	7	(D)	5	(D)	4	1	(D)	(D)	87	87	82
Nebraska	(D)	(D)	(D)	68	59	59	(D)	(D)	(D)	29	39	38
North Dakota	16	(D)	17	24	28	27	5	(D)	4	55	50	52
Oregon	(D)	(D)	(D)	(D)	8	(D)	(D)	(D)	(D)	90	87	90
Texas	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Washington	2	2	2	4	5	5	2	2	3	92	91	90
Wisconsin	3	6	3	34	30	38	2	2	2	61	62	57
13 State average	3	4	4	12	13	13	2	3	3	77	80	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 ¹	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 ²	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	825	1,055	1,315					
Idaho	26,080	32,320	39,050					
Maine	(D)	(D)	(D)					
Minnesota	3,245	4,150	5,075					
North Dakota	(D)	(D)	(D)					
Oregon	15,075	17,550	20,160					
Malheur County	3,550	4,240	5,020					
All other counties	11,525	13,310	15,140					
Washington	24,800	28,945	34,350					
Wisconsin	4,595	(D)	6,680					
Other States ¹	4,951	12,136	8,221					
United States	79,571	96,156	114,851					
Dehydrated ²	11,445	14,990	18,615					

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

¹ Includes data withheld above.

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

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	13,088	15,505	17,285				

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. Estimates will also be reviewed after data for the 5-year Census of Agriculture are available. No revisions will be made after that date.

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 1.5 percent. This means that chances are approximately 95 out of 100 that the survey estimates for stocks will be within plus or minus 3.0 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

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Bret Holliman – Apricots, Chickpeas, Nectarines, Peaches, Snap Beans, Sweet Corn, Tomatoes.....	(202) 720-7235
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
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