

Potato Stocks

Released January 15, 2010, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on *Potato Stocks* call Tierra Mobley at (202) 720-4285, office hours 7:00 a.m. to 4:00 p.m. ET.

Update Alert

The percent of production for the 2008 crop was corrected on page 1.

Potato Stocks Up 10 Percent From January 2009

The 13 major potato States held 235 million cwt of potatoes in storage January 1, 2010, up 10 percent from a year ago and 1 percent above January 1, 2008. Potatoes in storage accounted for 61 percent of the 2009 fall storage States' production, unchanged from January 1, 2009. Klamath Basin stocks totaled 3.60 million cwt on January 1, 2010, up 9 percent from a year ago. Klamath Basin stocks include potatoes stored in California and Klamath County, Oregon. Potato disappearance, at 149 million cwt, was 5 percent below January 1, 2009 and down 10 percent from 2008. Season-to-date shrink and loss, at 16.5 million cwt, was up 11 percent from the same date in 2009 and 1 percent above 2008. Processors in the 9 major States have used 75.7 million cwt of potatoes this season, down 10 percent from the same period last year and down 16 percent from 2 years ago. Dehydrating usage accounted for 14.1 million cwt of the total processing, down 3 percent from last year and 16 percent below the same period in 2008.

Fall Potatoes: Production and Stocks, 13 Major States, January 1, 2009-2010¹

State	Crop of 2008			Crop of 2009			
	Prod	Stocks Jan 1, 2009	% of Prod	Prod	Stocks Dec 1, 2009	Stocks Jan 1, 2010	Jan % of Prod
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>Percent</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>Percent</i>
CA	3,948	1,500	38	4,158	2,100	1,700	41
CO ²	21,907	14,700	67	22,080	15,900	13,900	63
ID	116,475	75,500	65	131,000	96,500	87,000	66
ME	14,769	10,000	68	15,263	12,000	10,800	71
MI	14,875	6,600	44	15,660	8,700	7,000	45
MN ²	20,400	11,700	57	20,700	13,700	12,300	59
MT ²	3,465	3,400	98	3,347	3,300	3,200	96
NE ²	8,245	4,700	57	8,756	5,700	4,800	55
NY	5,696	2,000	35	4,950	2,500	2,000	40
ND	22,680	12,500	55	19,125	13,000	10,800	56
OR	18,676	14,100	75	21,460	17,400	15,000	70
WA	93,000	43,800	47	88,450	54,500	48,900	55
WI ²	25,730	12,700	49	28,980	20,500	18,000	62
13 States ²	369,866	213,200	58	383,929	265,800	235,400	61
Klamath Basin ³		3,300			4,500	3,600	

¹ Stocks include processor holdings and most of the seed to plant the following year's crop.

² December 1, 2009 stocks revised.

³ Includes potato stocks in CA and Klamath Co., OR. Included in the 13 State total.

Fall Potatoes: Production and Stocks, 13 Major States, 2000-2009

Crop Year	Production	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
2000 ¹	458,827	310,300	275,270	234,260	197,670	153,520	109,160	61,270
2001 ¹	387,033	258,750	224,680	192,090	158,590	119,950	81,200	42,990
2002 ¹	407,085	264,485	231,490	199,020	165,210	125,770	83,040	45,880
2003 ¹	403,566	267,900	233,590	200,230	166,280	126,110	85,000	46,020
2004 ¹	404,017	271,100	236,700	203,490	168,020	128,900	88,550	51,700
2005	375,118	253,800	220,500	189,100	155,500	115,700	75,900	41,560
2006	389,527	258,900	225,800	192,200	159,500	120,900	79,050	44,460
2007	397,753	265,500	232,300	199,300	163,400	125,500	83,960	50,420
2008	369,866	243,700	213,200	183,900	152,700	115,800	78,100	45,300
2009 ²	383,929	265,800	235,400					

¹ 15 major States.

² December 1, 2009 stocks revised.

**Fall Potatoes: Stocks by Type as Percent of Total Stocks,
10 Selected States, January 1, 2009-2010**

State	Potato Types														
	Reds			Round Whites			Long Whites			Yellows			Russets		
	Jan 2009	Dec 2009	Jan 2010	Jan 2009	Dec 2009	Jan 2010	Jan 2009	Dec 2009	Jan 2010	Jan 2009	Dec 2009	Jan 2010	Jan 2009	Dec 2009	Jan 2010
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
CO	3	3	3	1	2	2				11	11	11	85	84	84
ID	2	2	2	1	2	2	1			1	1	1	95	95	95
ME ¹	2	3	3	41	38	38				3	4	3	54	55	56
MI	1	1	2	87	89	88				1			11	10	10
MN	8	13	11	2	3	4				1	1	1	89	83	84
NY	4	4	4	92	91	94				4	5	2			
ND ¹	14	15	14	7	9	9	8	6	5	1	1	1	70	69	71
OR	1	1	1	6	8	7	1			1	1	1	91	90	91
WA	3	3	3	5	4	4	11	5	5	1	1	1	80	87	87
WI	4	4	5	15	14	28					1		81	81	67
10 St															
Avg	3	4	4	9	10	10	3	1	1	2	2	2	82	83	83

¹ December 2009 Revised.

Potatoes: Shrinkage and Loss, 13 Fall Storage States, 2006-2009

Crop Year	To Dec 1	To Jan 1	To Feb 1	To Mar 1	To Apr 1	To May 1	To Jun 1
	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>	<i>Million Cwt</i>
2006	13.2	16.1	18.4	20.4	22.3	24.0	25.5
2007	14.2	16.4	18.4	20.2	22.1	24.0	25.3
2008	12.7	14.9	16.8	18.7	20.6	22.3	23.8
2009	14.3	16.5					

Potatoes: Quantity Used for Processing, 9 States, 2007-2009 ¹

State and Crop Year	To Dec 1	To Jan 1	To Feb 1	To Mar 1	To Apr 1	To May 1	To Jun 1	Season
	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>	<i>1,000 Cwt</i>
ID & OR-Mal								
2007	26,230	33,250	40,310	48,660	55,460	63,000	70,700	88,030
2008	22,380	28,980	35,430	42,150	49,030	55,570	62,940	77,340
2009	23,110	29,180						
ME ²								
2007	1,700	2,170	2,815	3,440	3,990	4,670	5,240	7,550
2008	1,635	2,240	2,895	3,515	4,005	4,795	5,540	7,545
2009	1,575	2,065						
WA & OR-Oth								
2007	30,595	36,940	42,350	50,165	57,160	67,690	72,380	82,770
2008	32,560	38,050	42,795	49,865	56,350	62,635	70,625	81,260
2009	25,350	31,200						
Other Sts ³								
2007	15,040	17,535	20,755	23,900	26,650	29,710	32,600	39,430
2008	12,480	15,120	18,165	21,030	24,025	26,515	29,590	37,285
2009	10,605	13,295						
Total								
2007	73,565	89,895	106,230	126,165	143,260	165,070	180,920	217,780
2008	69,055	84,390	99,285	116,560	133,410	149,515	168,695	203,430
2009	60,640	75,740						
Dehydrated ⁴								
2007	12,815	16,785	21,040	25,350	29,500	33,650	37,975	46,660
2008	10,675	14,490	18,335	21,465	24,875	28,195	31,870	39,345
2009	10,945	14,060						

¹ Total quantity received and used for processing regardless of the State in which the potatoes were produced.

² Includes Maine grown potatoes only. Amounts exclude quantities used for potato chips.

³ CO, MN, NV, ND, and WI. Monthly amounts exclude quantities used for potato chips in WI.

⁴ Dehydrated products except starch and flour. Includes CO, ID, NV, OR, WA, and WI.

Reliability of January 1 Stocks Estimates

To assist users in evaluating the reliability of the January 1 stocks estimate, the "Root Mean Square Error", a statistical measure based on past performance, is computed. The deviation between the January 1 stocks estimate and the final estimate is expressed as a percentage of the final estimate. The average of squared percentage deviations for the latest 20 year period is computed. The square root of the average becomes statistically the "Root Mean Square Error". Probability statements can be made concerning expected differences in the current estimate relative to the final end-of-season estimate, assuming that factors affecting this year's estimate are not different from those influencing recent years.

The "Root Mean Square Error" for the January 1 stocks estimate is 2.6 percent. This means that chances are 2 out of 3 that the current estimate of 235 million cwt will not be above or below the final estimate by more than 2.6 percent, or approximately 6.12 million cwt. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 4.4 percent, or approximately 10.4 million cwt.

Changes between the January 1 stocks estimates and the final estimates during the past 20 years have averaged 4.19 million cwt, ranging from 10 cwt to 14.3 million cwt. During the 20 year period, the January 1 estimate has been below the final estimate 15 times and above 5 times.

**Fall Potato Stocks: Preliminary and Final January 1 Stocks,
United States, Crop of 1999-2009**

Crop Year	Preliminary Stocks	% of Final	Final Stocks
	<i>1,000 Cwt</i>	<i>Percent</i>	<i>1,000 Cwt</i>
1999	238,160	99.3	239,910
2000	272,960	99.2	275,270
2001	233,420	103.9	224,680
2002	232,140	100.3	231,490
2003	233,880	100.1	233,590
2004	238,220	100.6	236,700
2005	218,900	99.3	220,500
2006	220,000	97.4	225,800
2007	237,500	102.2	232,300
2008	212,500	99.7	213,200
2009	235,400		

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