

Potato Stocks

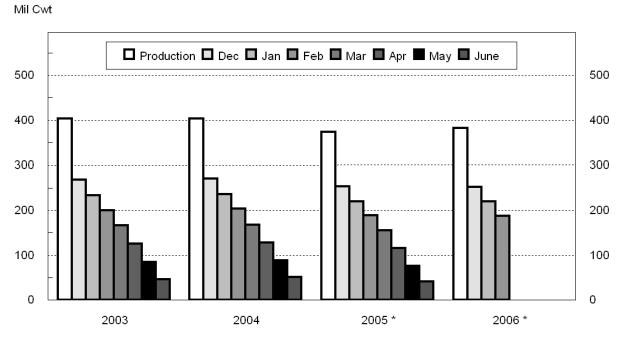
Washington, D.C.

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Potato Stocks Down 1 Percent from Last Year

The 13 major potato States held 188 million cwt of potatoes in storage February 1, 2007, down 1 percent from last year and 7 percent below February 1, 2005, for comparable States. Ohio and Pennsylvania were dropped from the potato stocks program starting with the 2005 storage season. Potatoes in storage account for 49 percent of the 2006 fall storage States' production, down 2 percentage points from last year. Klamath Basin stocks were added to the potato stocks program starting with December 2006 and total 2.60 million cwt on February 1, 2007. Klamath Basin includes California and Klamath County, Oregon potato stocks. Potato disappearance, at 194 million cwt, is up 5 percent from last year. Season to date shrink and loss, at 18.2 million cwt, is up 8 percent from last year. Processors in the 9 major States have used 106 million cwt of potatoes this season, up 10 percent from a year ago and 5 percent above 2 years ago. Dehydrating usage accounts for 21.3 million cwt of the total processing, up 11 percent from last year but 3 percent below the same date in 2005.

Fall Potatoes: Production and Stocks 15 Storage States



Production by crop year. Stocks by months following har∨est.

* 13 Storage States for 2005 and 2006.

Fall Potatoes: Production and Stocks, 15 Major States, 1997-2006

Crop Year	Production	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1 1
	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt
1997	413,513	278,830	246,550	212,562	175,870	134,190	92,840	
1998	423,170	280,910	246,230	209,640	173,650	131,220	87,895	50,270
1999	420,567	275,100	239,910	207,150	169,620	128,410	86,915	47,220
2000	458,827	310,300	275,270	234,260	197,670	153,520	109,160	61,270
2001	387,033	258,750	224,680	192,090	158,590	119,950	81,200	42,990
2002	407,085	264,485	231,490	199,020	165,210	125,770	83,040	45,880
2003	403,181	267,900	233,590	200,230	166,280	126,110	85,000	46,020
2004	403,587	271,100	236,700	203,490	168,020	128,900	88,550	51,700
2005 ²	374,298	253,800	220,500	189,100	155,500	115,700	75,900	41,560
2006 ²	382,283	252,200	220,000	187,800				

¹ Data not available prior to 1998.

Potatoes: Quantity Used for Processing, 9 States, 2004-2006 1

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State and Crop Year	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	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
ID & OR-Mal								
2004	24,360	30,840	36,820	44,610	51,000	58,090	65,800	84,600
2005	22,840	29,300	35,970	43,300	50,820	57,830	65,030	77,360
2006	26,130	32,810	40,100					
ME ²								
2004	1,540	1,970	2,600	3,135	3,700	4,340	4,910	6,590
2005	1,365	1,880	2,485	3,090	3,800	4,450	5,130	6,825
2006	1,755	2,360	2,910	,	,	,	,	,
WA & OR-Oth								
2004	32,305	38,130	43,570	50,730	57,140	63,855	71,355	78,680
2005	30,310	35,895	40,545	48,290	55,320	61,855	69,360	78,550
2006	30,980	37,060	42,190	-,	, -	, , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
Other Sts ³								
2004	12,490	15,000	17,965	20,910	24,150	27,480	30.945	41,175
2005	11,055	14,070	17,005	19,895	22,520	25,270	27,740	35,535
2006 4	13,465	16,905	20,450	15,050	22,828	20,270	27,7.10	55,555
Total								
2004	70,695	85,940	100,955	119,385	135,990	153,765	173,010	211,045
2005	65,570	81,145	96,005	114,575	132,460	149,405	167,260	198,270
2006 ⁴	72,330	89,135	105,650	114,575	132,100	119,103	107,200	170,270
Debuggeted 5								
Dehydrated ⁵	14 525	19 540	21 975	25.070	20.020	22 605	20 505	47.010
2004 2005	14,525	18,540	21,875	25,970	30,020	33,685	38,505	47,810
2005 2006 ⁴	11,920 12,860	15,655	19,225	22,765	26,605	30,065	34,130	41,625
2000	12,000	17,130	21,270					

¹ Total quantity received and used for processing regardless of the State in which the potatoes were produced. Amount excludes quantities used for potato chips in ME and WI.

² Includes Maine grown potatoes only.

² 13 major States.

³ CO, MN, NV, ND, and WI.

⁴ January revised.

⁵ Dehydrated products except starch and flour. Included in above totals. Includes CO, ID, NV, ND, OR, WA, and WI.

Fall Potatoes: Production and Stocks on February 1, 2006-2007 $^{\rm 1}$

		Crop of 2005		Crop of 2006				
State	Prod	Stocks Feb 1, 2006	% of Prod	Prod	Stocks Feb 1, 2007	% of Prod		
	1,000 Cwt	1,000 Cwt	Percent	1,000 Cwt	1,000 Cwt	Percent		
CA CO ID ME MI MN MT NE NY ND OR WA	3,306 22,910 118,288 15,455 13,910 17,630 3,445 8,245 5,226 20,500 22,023 95,480	1,100 12,900 66,000 9,700 4,500 9,000 3,300 3,900 1,700 9,400 14,500 40,500	33 56 56 63 32 51 96 47 33 46 66 42	3,783 22,686 121,820 18,270 14,190 20,400 3,518 8,633 5,700 25,480 18,533 89,900	1,300 13,100 64,500 11,500 5,100 9,700 3,400 3,900 1,100 12,000 11,700 36,500	34 58 53 63 36 48 97 45 19 47 63 41		
WI	27,880	12,600	45	29,370	14,000	48		
13 Sts	374,298	189,100	51	382,283	187,800	49		
Klamath Basin ²					2,600			

Stocks include processor holdings and most of the seed to plant following year's crop. Seed usage for all seasons in 2006 totaled 25.6 million cwt.
 Estimates began in December 2006. Includes potato stocks in CA and Klamath Co. OR.

Fall Potatoes: Stocks by Type as Percent of Total Stocks, 10 Selected States, February 1, 2006-2007

		Potato Types											
State	Re	Reds		Round Whites		Whites	Russets						
	2006	2007	2006	2007	2006	2007	2006	2007					
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent					
CO	4	3	11	13			85	84					
ID	2	2			2	2	96	96					
ME	1	2	42	40	1	1	56	57					
MI			90	90			10	10					
MN	8	11	5	4		2	87	83					
NY	5	5	90	90			5	5					
ND	9	13	14	15	2	2	75	70					
OR	1	1	1	2	2	2	96	95					
WA	1	1			2	2	97	97					
WI	1	1	23	30			76	69					
10 St Avg	2	3	9	10	2	2	87	85					

Fall Potatoes: Production, February 1 Stocks, and Farm Disposition, 15 Storage States and All Fall Season States, 2003-2006 Crop Years

-				Total	F	arm Disposition	
State	Crop	Production	Stocks	Used For	Where 0	Grown	
2	Year		Feb 1 ¹	Fall Seed	Seed, Feed, Home Use	Shrinkage and Loss	Sold
		1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt
CA							
	2003	3,528	1,600	167	1	343	3,184
	2004	3,648	1,800	213	1	292	3,355
	2005	3,306	1,100	226		331	2,975
~~	2006	3,783	1,300				
CO	2002	22.652	10 600	1 605	1 410	2.507	10.725
	2003	23,652	12,600	1,625	1,410	2,507	19,735
	2004 2005	23,791 22,910	13,700 12,900	1,513 1,498	1,300	2,286	20,205
	2003	22,686	13,100	1,496	1,200	1,650	20,060
ID	2000	22,000	13,100				
ш	2003	123,180	67,000	7,810	1,463	8,900	112,817
	2004	131,970	75,000	7,150	1,250	10,902	119,818
	2005	118,288	66,000	7,260	1,230	7,800	109,258
	2006	121,820	64,500	.,	-,	.,	,
ME		,	,				
	2003	17,030	10,500	1,245	215	2,430	14,385
	2004	19,065	11,100	1,231	190	4,900	13,975
	2005	15,455	9,700	1,274	242	1,183	14,030
	2006	18,270	11,500				
MI							
	2003	15,015	6,200	1,060	265	1,680	13,070
	2004	13,650	4,800	860	194	1,656	11,800
	2005	13,910	4,500	1,056	182	1,728	12,000
MN	2006	14,190	5,100				
IVIIN	2003	22,330	11,100	1,060	130	1,800	20,400
	2003	18,920	10,200	837	100	1,750	17,070
	2005	17,630	9,000	1,061	140	1,600	15,890
	2006	20,400	9,700	1,001	110	1,000	15,070
MT	2000	20,.00	,,,,,,				
	2003	3,339	2,900	268	160	270	2,909
	2004	3,551	3,350	257	156	276	3,119
	2005	3,445	3,300	242	156	210	3,079
	2006	3,518	3,400				
NE							
	2003	9,744	4,600	616	194	840	8,710
	2004	9,288		519	212	906	8,170
	2005	8,245	3,900	515	231	834	7,180
NIXZ	2006	8,633	3,900				
NY	2002	(510	1 100	4.40	100	500	£ 000
	2003	6,510	1,100	440	100	520 513	5,890 4,571
	2004 2005	5,184 5,226	1,200 1,700	451 453	100 100	513 491	4,571 4,635
	2005	5,226 5,700	1,700 1,100	433	100	491	4,033
	2000	3,700	1,100				

See footnote(s) at end of table.

--continued

Fall Potatoes: Production, February 1 Stocks, and Farm Disposition, 15 Storage States and All Fall Season States, 2003-2006 Crop Years (continued)

				Total	Far	m Disposition		
State	Crop	Production	Stocks	Used For	Where C	Grown		
	Year		Feb 1 ¹	Fall Seed	Seed, Feed, Home Use	Shrinkage and Loss	Sold	
		1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	1,000 Cwt	
ND								
	2003	27,440	15,000	1,995	390	3,700	23,350	
	2004	26,765	15,300	1,794	240	2,825	23,700	
	2005	20,500	9,400	1,900	240	1,810	18,450	
OII 2	2006	25,480	12,000					
OH ²	2003	1,097	130	76	6	40	1,051	
	2003	1,097	150	73	6 6	33	1,031	
	2004	1,000		73	0	33	1,041	
	2006							
OR	2000							
011	2003	20,991	13,500	883	275	1,290	19,426	
	2004	19,775	11,800	955	241	1,264	18,270	
	2005	22,023	14,500	837	255	1,392	20,376	
	2006	18,533	11,700					
PA ²								
	2003	3,375	1,100	228	42	287	3,046	
	2004	2,640	900	253	39	216	2,385	
	2005							
****	2006							
WA	2002	02.150	20,000	4.000	200	<i>5.600</i>	07.070	
	2003 2004	93,150	38,000	4,000	280	5,600	87,270	
	2004	93,810 95,480	36,500 40,500	3,850 3,900	240 240	5,600 6,000	87,970 89,240	
	2003	89,900	36,500	3,900	240	0,000	69,240	
WI	2000	89,900	30,300					
**1	2003	32,800	14,900	1,562	300	2,750	29,750	
	2004	30,450	13,600	1,360	260	1,985	28,205	
	2005	27,880	12,600	1,474	300	1,380	26,200	
	2006	29,370	14,000	,		,	,	
Other Sts		·						
	2003							
	2004		4,240					
	2005							
2	2006							
15 Sts ³	2002	402.404	200 220	22.225		22.05=	264.005	
	2003	403,181	200,230	23,035	5,231	32,957	364,993	
	2004	403,587	203,490	21,316	4,529 4,516	35,404	363,654	
	2005 2006	374,298 382,283	189,100 187,800	21,696	4,516	26,409	343,373	
Fall Sts	2000	382,283	107,800					
1 an 518	2003	410,588		23,387	5,254	33,579	371,755	
	2003	410,253		21,593	4,549	35,923	369,781	
	2005	382,743		22,338	4,545	27,115	351,083	
	2006	391,978		22,330	1,515	27,113	331,003	

Missing stocks combined into "Other Sts" to avoid disclosure of individual operations.
 Stock estimates discontinued in crop year 2005.
 13 storage States starting in crop year 2005.

NOTE: Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes that are not yet moved, and shrinkage, waste, and other losses that occur after the date of each report. Sales of fall potatoes for all purposes for the past 5 years averaged 91.0 percent of the total fall production. Shrinkage, loss, and home use account for the remaining 9.0 percent.

Potatoes: Production, Sold, Not Sold, and Kept for Seed, United States, 2001-2006

Crop		Fall Potatoes										
Year	Production	Sold	Sold as % of Production	Not Sold	Not Sold as % of Production	All Seasons Following Year						
	1,000 Cwt	1,000 Cwt	Percent	1,000 Cwt	Percent	1,000 Cwt						
2001	393,631	358,812	91.2	34,819	8.8	28,625						
2002	413,581	378,796	91.6	34,785	8.4	28,149						
2003	410,588	371,755	90.5	38,833	9.5	26,687						
2004	410,253	369,781	90.1	40,472	9.9	24,768						
2005	382,743	351,083	91.7	31,660	8.3	25,628						
2006	391,978											

Potatoes: Shrinkage and Loss, 15 Fall Storage States, 2003-2006

Crop Year	To To Dec 1 Jan 1		To Feb 1	To Mar 1	To Apr 1	To May 1	Total Jun 1	Season
	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt
2003	15.0	17.4	20.5	22.6	25.4	27.5	29.9	33.0
2004	15.5	19.1	22.0	24.8	27.3	29.7	32.5	35.4
2005 1	12.7	15.0	16.8	18.4	20.2	22.0	23.7	26.4
2006 1	13.5	16.1	18.2					

¹ 13 fall storage States.

Fall Potatoes: Farm Marketings, Selected States, 2003-2005 Marketing Years

					2005-2	ZUUS MIA	rkeung	rears						
State	Crop Year	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
CA	2003 2004 2005				13 8 4	12 9 14	15 21 22	14 13 10	9 8 11	8 14 12	10 12 12	7 7 8	12 8 7	
CO	2003 2004			6 5	8 7	9	10 10	11 10	9 8	12 12 12	14 10	8 11	7 11	6 7
ID	2005 2003		4	5	8	10 11	10	10 7	8	11 10	10	12 11	10	6
ME	2004 2005		6 2	9	10 13	11 8	7 7	6 8	6 7	9	10 10	9	10 6	7 7
····	2003 2004 2005		1	5 9 5	11 6 11	8 7 8	9 10 9	10 10 10	10 10 9	11 11 12	15 15 15	10 10 10	6 7 6	4 4 5
MI	2003 2004 2005	1 1 1	7 10 8	8 11 11	11 11 13	11 12 12	11 12 12	10 11 12	8 8 10	13 10 10	12 9 8	8 5 3		
MN	2003 2004	1	9	10 8	10 8	9	6	5 7	6 8	9	10 7	9	9	8 9 5
NY	2005 2003 2004		7 1 4	8 16	29 19	7 20 16	15 17 13	12 8 10	7 9	14 6 8	9 4 5	3	6	5
ND	2005		2	14	14	12	13	10	12	14	7	2	0	2
OD	2003 2004 2005		1 2	23 20 25	10 9 13	6 6 5	6 9	8 9	9 7 9	11 8	11 11 10	10 7 7	9 8 2	2 6 1
OR	2003 2004 2005		10 12 17	9 11 10	19 16 13	9 8 5	8 6 7	7 4 5	7 9 8	7 10 9	8 9 10	8 8 8	5 4 4	3 3 4
PA ¹	2003 2004 2005	1	15 18	18 16	14 15	11 8	10 15	10 8	9	6 5	5 6	2 2		
WA	2003 2003 2004		16 18	12 14	22 21	7 6	6 5	5 5	7 7	6	6	7 6	5 5	1 1
WI	2005 2003	1	14	13 12	23 12	7	6	9	6 10	7	7	7	5 2	1
	2004 2005	1	6	14 16	12 12 11	12 10	9	9	9	11 10	10 8	6 8	2 2	
US	2003 2004		7	10 11	14 13	10 9	8 7	7 7	8 7	9	10 9	9	5 7	3 4
	2005		7	12	14	8	8	7	8	10	9	8	5	4

¹ Farm marketing estimates discontinued in 2005.

February Potato Stocks Down 1 Percent from Last Year

The 13 major potato States held 188 million cwt of potatoes in storage February 1, 2007, down 1 percent from last year and 7 percent below February 1, 2005, for comparable States. Ohio and Pennsylvania were dropped from the potato stocks program starting with the 2005 storage season. Potatoes in storage account for 49 percent of the 2006 fall storage States' production, down 2 percentage points from last year. Klamath Basin stocks were added to the potato stocks program starting with December 2006 and total 2.60 million cwt on February 1, 2007. Klamath Basin includes California and Klamath County, Oregon potato stocks.

Disappearance of 194 million cwt from the start of harvest to February 1, is up 5 percent from last year. Shrink and loss, at 18.2 million cwt, is up 8 percent from the pervious year.

Processors have used 106 million cwt of 2006 crop potatoes so far this season, up 10 percent from a year ago and 5 percent above 2 years ago. Idaho and Malheur County, Oregon total processing increased 11 percent from a year ago, Maine's total processing was 17 percent above the same date in 2006, and Washington and the rest of Oregon total processing was up 4 percent from last season. Dehydrating usage accounts for 21.3 million cwt of the total processing, up 11 percent from last year but 3 percent below the same date in 2005.

Western States held 131 million cwt of potatoes in storage on February 1, down 6 percent from last year. Idaho's potato stocks are down 2 percent from last year, Washington's potato sheds held 10 percent less than last year, and Oregon's stocks declined 19 percent from last season. Colorado potato sheds held 2 percent more stocks than last year, Montana's stocks are up 3 percent from 2006, and California's potato stocks increased 18 percent from last season.

Central States accounted for 44.7 million cwt of potato stocks on February 1, up 13 percent from last year. Wisconsin's potato stocks increased 11 percent from last year, North Dakota's sheds held 28 percent more, Minnesota stocks are up 8 percent, and potato stocks in Michigan are 13 percent above last season. Nebraska's potato stocks are unchanged from the same date in 2006.

Eastern States stored 12.6 million cwt of potatoes on February 1, up 11 percent from last year. Maine's potato sheds held 19 percent more than last year, while New York's potato stocks declined 35 percent from a year ago.

Reliability of February 1 Stocks Estimates

To assist users in evaluating the reliability of the February 1 stocks estimate, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the February 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 February 1 stocks estimate is 3.1 percent. This means that chances are 2 out of 3 that the current estimate of 188 million cwt will not be above or below the final estimate by more than 3.1 percent or approximately 5.8 million cwt. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 5.3 percent or approximately 10.0 million cwt.

The 20-year (1986-2005) record of differences between the February 1 stocks estimates and the final estimates averaged 4.2 million cwt, ranging from 9.7 million cwt above the final to 14.2 million cwt below the final. During the 20-year period, the February 1 estimate has been below the final estimate 14 years and above 6 years.

Fall Potato Stocks: Preliminary and Final February 1 Stocks, United States, 1996-2006

Crop Year	Preliminary Stocks	% of Final	Final Stocks
	1,000 Cwt	Percent	1,000 Cwt
1996	220,465	97.5	226,080
1997	205,850	96.8	212,562
1998	211,100	100.7	209,640
1999	205,780	99.3	207,150
2000	235,050	100.3	234,260
2001	201,750	105.0	192,090
2002	197,470	99.2	199,020
2003	200,530	100.1	200,230
2004	204,190	100.3	203,490
2005	187,600	99.2	189,100
2006	187,800		

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