

# Potato Stocks

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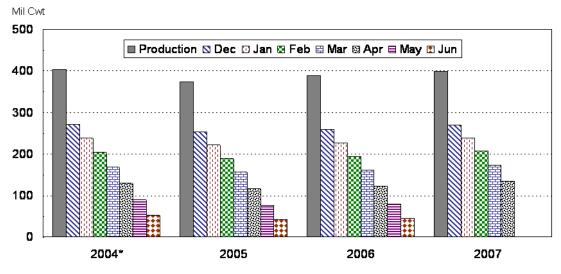
### **Update Alert**

Adjusted WA and OR – Oth Apr 1 potatoes for processing on page 2. Stocks for both OR and WA corrected on pages 3 and 5.

### Potato Stocks Up 10 Percent From April 2007

The 13 major potato States held 134 million cwt of potatoes in storage April 1, 2008, up 10 percent from a year ago and 15 percent above April 1, 2006. Potatoes in storage accounted for 33 percent of the 2007 fall storage States' production, up 2 percentage points from April 1, 2007. Klamath Basin stocks totaled 1.15 million cwt on April 1, 2008, down 18 percent from a year ago. Klamath Basin stocks include potatoes stored in California and Klamath County, Oregon. Potato disappearance, at 266 million cwt, was 1 percent below April 1, 2007 but up 3 percent from 2006. Season-to-date shrink and loss, at 21.6 million cwt, was down 3 percent from the same date in 2007 but up 7 percent from 2006. Processors in the 9 major States have used 140 million cwt of potatoes this season, down 4 percent from the same period last year but up 5 percent from 2 years ago. Dehydrating usage accounted for 29.3 million cwt of the total processing, down 9 percent from last year but 10 percent above the same period in 2006.

# Fall Potatoes: Production and Stocks 13 Storage States



Production by crop year. Stocks by months following harvest. \*15 Storage States.

Fall Potatoes: Production and Stocks, 13 Major States, 1998-2007

Crop Year	Production	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 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
1998 <sup>1</sup>	423,170	280,910	246,230	209,640	173,650	131,220	87,895	50,270
1999 <sup>1</sup>	420,567	275,100	239,910	207,150	169,620	128,410	86,915	47,220
$2000^{1}$	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	403,181	267,900	233,590	200,230	166,280	126,110	85,000	46,020
2004 1	403,587	271,100	236,700	203,490	168,020	128,900	88,550	51,700
2005	374,298	253,800	220,500	189,100	155,500	115,700	75,900	41,560
2006	389,272	259,300	226,100	192,600	159,700	121,000	79,050	44,460
2007	400,085	270,100	237,500	206,200	171,800	133,600		

<sup>&</sup>lt;sup>1</sup> 15 major States.

Potatoes: Quantity Used for Processing, 9 States, 2005-2007 <sup>1</sup>

	1	otatoes. Qua	muty Oseu io	i i i ocessing,	9 States, 2003	-2007		
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								
2005	22,840	29,300	35,970	43,300	50,820	57,830	65,030	77,360
2006	27,090	34,070	41,350	48,940	56,650	63,680	71,220	85,630
2007	26,230	33,260	40,220	48,570	55,480			
ME <sup>2</sup>								
2005	1,365	1,880	2,485	3,090	3,800	4,450	5,130	6,825
2006	1,755	2,360	2,910	3,465	4,185	4,810	5,470	7,560
2007	1,700	2,170	2,815	3,440	3,985	.,010	2,.,0	,,,,,,
WA & OR-Oth								
2005	30,310	35,895	40,545	49 200	55 220	61 055	60.260	78,550
2005				48,290	55,320	61,855	69,360	·
	30,980	37,060	42,190	49,930	56,690 52,645	63,170	70,410	77,355
2007	28,995	34,675	39,700	47,390	53,645			
Other Sts <sup>3</sup>								
2005	11,055	14,070	17,005	19,895	22,520	25,270	27,740	35,535
2006	14,270	17,695	21,290	24,545	28,040	31,370	34,830	43,315
2007	15,040	17,560	20,890	23,955	26,605			
Total								
2005	65,570	81,145	96.005	114.575	132,460	149,405	167,260	198,270
2006	74,095	91,185	107,740	126,880	145,565	163,030	181,930	213,860
2007	71,965	87,665	103,625	123,355	139,715	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.,
Dehydrated <sup>4</sup>								
2005	11,920	15,655	19,225	22,765	26,605	30.065	34,130	41,625
2006	14,590	19,250	23,635	27,885	32,210	36,480	40,915	49,370
2007	12,660	16,680	20,965	25,185	29,300	50,400	70,713	42,370
2007	12,000	10,000	20,703	23,103	27,500			

<sup>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.

Includes Maine grown potatoes only.

CO, MN, NV, ND, and WI.

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

## Fall Potatoes: Production and Stocks, 13 Major States, April 1, 2007-2008 $^{\rm 1}$

		Crop of 2006		Crop of 2007				
State	Prod	Stocks Apr 1, 2007	% of Prod	Prod	Stocks Apr 1, 2008	% 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	3,870 22,686 128,915 17,980 14,190 20,400 3,518 8,730 5,700 25,480 18,533	800 9,000 46,500 7,700 1,800 6,100 2,300 2,400 500 7,900 7,600	21 40 36 43 13 30 65 27 9 31	4,223 20,981 131,650 16,530 14,700 20,680 3,696 8,051 5,216 23,660 20,238	600 7,500 51,000 6,200 2,900 6,400 1,900 2,100 300 6,000 9,200	14 36 39 38 20 31 51 26 6 25		
WA	89,900	21,000	23	102,300	32,500	29		
WI	29,370	7,400	25	28,160	7,000	25		
13 States	389,272	121,000	31	400,085	133,600	33		
Klamath Basin <sup>2</sup>		1,400			1,150			

Stocks include processor holdings and most of the seed to plant following year's crop. Seed usage for all seasons in 2007 totaled 26.4 million cwt.

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 91.1 percent of the total fall production. Shrinkage, loss, and home use account for the remaining 8.9 percent.

### Potatoes: Production, Sold, Not Sold, and Kept for Seed, United States, 2002-2007

	Fall Potatoes								
Crop Year	Production	Sold	Sold as % of Production	Not Sold	Not Sold as % of Production	for Seed All Seasons Following Year			
_	1,000 Cwt	1,000 Cwt	Percent	1,000 Cwt	Percent	1,000 Cwt			
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	25,659			
2006	398,921	365,863	91.7	33,058	8.3	26,437			
2007	409,082								

<sup>&</sup>lt;sup>2</sup> Includes potato stocks in CA and Klamath Co., OR.

# Fall Potatoes: Production, April 1 Stocks, and Farm Disposition, 13 Storage States and All Fall Season States, 2004-2007 Crop Years

				Total	Far	m Disposition	
State	Crop	Production	Stocks	Used	Where G	rown	
State	Year	Floduction	Apr 1 <sup>1</sup>	For 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							
	2004	3,648	900	213	1	292	3,355
	2005	3,306	700	249		331	2,975
	2006	3,870	800	210		480	3,390
	2007	4,223	600				
CO							
	2004	23,791	9,000	1,513	1,300	2,286	20,205
	2005	22,910	8,800	1,498	1,200	1,650	20,060
	2006	22,686	9,000	1,480	1,140	2,056	19,490
ID	2007	20,981	7,500				
ID	2004	121 070	52,000	7,150	1 250	10.002	119,818
	2004 2005	131,970 118,288	52,000 43,500	7,150 7,370	1,250 1,230	10,902 7,800	119,818
	2003	128,915	45,500	7,370 7,875	1,188	8,200	119,238
	2007	131,650	51,000	1,813	1,100	8,200	119,327
ME	2007	131,030	31,000				
WIL	2004	19,065	7,500	1,231	190	4,900	13,975
	2005	15,455	6,500	1,264	242	1,183	14,030
	2006	17,980	7,700	1,236	228	1,482	16,270
	2007	16,530	6,200	1,230	220	1,402	10,270
MI	2007	10,550	0,200				
	2004	13,650	2,200	860	194	1,656	11,800
	2005	13,910	1,700	1,044	182	1,728	12,000
	2006	14,190	1,800	961	180	1,800	12,210
	2007	14,700	2,900			,	,
MN		,	,				
	2004	18,920	6,500	837	100	1,750	17,070
	2005	17,630	4,500	1,040	140	1,600	15,890
	2006	20,400	6,100	1,190	250	1,700	18,450
	2007	20,680	6,400				
MT							
	2004	3,551	1,900	257	156	276	3,119
	2005	3,445	1,900	244	156	210	3,079
	2006	3,518	2,300	270	180	130	3,208
	2007	3,696	1,900				
NE							
	2004	9,288		519	212	906	8,170
	2005	8,245	2,200	515	231	834	7,180
	2006	8,730	2,400	521	200	775	7,755
N137	2007	8,051	2,100				
NY	2004	E 104	200	451	100	£10	4 571
	2004	5,184	300	451 452	100	513	4,571
	2005 2006	5,226 5,700	500	453	100	491	4,635
	2006	5,700 5,216	500 300	460	100	480	5,120
	2007	3,210	300				

See footnote(s) at end of table. --continued

# Fall Potatoes: Production, April 1 Stocks, and Farm Disposition, 13 Storage States and All Fall Season States, 2004-2007 Crop Years (continued)

				Total	Far	m Disposition	
State	Crop	Production	Stocks	Used	Where C	irown	
State	Year	Floduction	Apr 1 <sup>1</sup>	For 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							
	2004	26,765	10,300	1,794	240	2,825	23,700
	2005	20,500	5,300	1,900	240	1,810	18,450
	2006 2007	25,480 23,660	7,900 6,000	1,853	240	2,290	22,950
OH <sup>2</sup>	2007	23,000	0,000				
	2004	1,080		73	6	33	1,041
	2005	,					,
	2006						
	2007						
OR	2004	10.775	6.200	0.5.5	241	1.064	10.070
	2004 2005	19,775 22,023	6,200 8,500	955 837	241 255	1,264 1,392	18,270 20,376
	2005	18,533	7,600	880	260	1,020	17,253
	2007	20,238	9,200	000	200	1,020	17,233
PA <sup>2</sup>		.,	, , , ,				
	2004	2,640	500	253	39	216	2,385
	2005						
	2006						
WA	2007						
WA	2004	93,810	22,000	3,850	240	5,600	87,970
	2005	95,480	25,000	3,900	240	6,000	89,240
	2006	89,900	21,000	4,290	240	5,500	84,160
	2007	102,300	32,500				
WI							
	2004	30,450	7,200	1,360	260	1,985	28,205
	2005 2006	27,880 29,370	6,600 7,400	1,452 1,430	300 245	1,380 1,925	26,200 27,200
	2007	28,160	7,000	1,430	243	1,923	27,200
Other Sts	2007	20,100	7,000				
	2004		2,400				
	2005						
	2006						
13 States <sup>3</sup>	2007						
13 States	2004	403,587	128,900	21,316	4,529	35,404	363,654
	2005	374,298	115,700	21,766	4,516	26,409	343,373
	2006	389,272	121,000	22,656	4,451	27,838	356,983
	2007	400,085	133,600	,	ŕ	,	Í
Fall States							
	2004	410,253		21,593	4,549	35,923	369,781
	2005	382,743		22,415	4,545	27,115	351,083
	2006 2007	398,921 409,082		23,337	4,482	28,576	365,863
Klamath Basin 4	2007	+09,002					
	2004						
	2005						
	2006		1,400				
	2007		1,150				

Missing stocks combined into "Other Sts" to avoid disclosure of individual operations.

Stock estimates discontinued in crop year 2005.

15 storage States in crop year 2004.

Estimates began in December 2006. Includes potato stocks in CA and Klamath Co., OR.

# Fall Potatoes: Farm Marketings, Selected States and United States, 2004-2006 Marketing Years

	2004-2006 Marketing Years													
State	Marketing 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														
CH	2004				8	9	21	13	8	14	12	7	8	
	2005				4	14	22	10	11	12	12	8	7	
	2006				9	15	11	15	10	11	12	9	5	3
CO														
	2004			5	7	9	10	10	8	12	10	11	11	7 6
	2005			5	8	10	10	10	8	11	10	12	10	6
	2006			6	7	9	9	10	9	10	11	11	11	7
ID														
	2004		6	9	10	11	7	6	6	9	10	9	10	7 7
	2005		2	11	13	8	7	8	7	11	10	10	6	7
ME	2006		3	11	12	8	7	8	8	10	10	9	7	7
ME	2004		1	9	6	7	10	10	10	11	15	10	7	4
	2004		1	5	11	8	9	10	9	12	15	10	6	5
	2006			8	7	8	9	9	8	13	13	12	7	5 6
MI	2000				,					13	13	12	,	
	2004	1	10	11	11	12	12	11	8	10	9	5		
	2005	1	8	11	13	12	12	12	10	10	8	3		
	2006	1	9	12	13	12	12	12	7	11	7	4		
MN														
	2004		9	8	8	6	6	7	8	13	7	9	10	9 5
	2005		7	6	4	7	15	12	12	14	9	3	6	5
	2006	5	8	7	7	7	7	8	9	11	10	10	11	
NY	2004			1.0	10	1.0	10	10			_			
	2004		4	16	19	16	13	10	9	8	5	2		
	2005 2006		2 4	14 15	14 14	12 12	13 14	10 16	12 7	14 10	7 4	2 4		
ND	2006		4	13	14	12	14	10	/	10	4	4		
ND	2004		1	20	9	6	6	8	7	11	11	7	8	6
	2005		2	25	13	5	9	9	9	8	10	7	2	1
	2006		3	27	11	6	6	11	5	7	10	9	4	1
OR														
	2004		12	11	16	8	6	4	9	10	9	8	4	3 4
	2005		17	10	13	5	7	5	8	9	10	8	4	4
	2006		12	10	13	5	7	7	7	10	10	8	7	4
PA <sup>1</sup>	2004								_	_	_	_		
	2004	1	18	16	15	8	15	8	6	5	6	2		
	2005													
WA	2006													
** 17	2004		18	14	21	6	5	5	7	6	6	6	5	1
	2005		14	13	23	7	6	4	6	7	7	7	5	1
	2006		15	11	25	7	6	5	7	6	6	6	5	1
WI														
	2004		6	14	12	12	9	9	9	11	10	6	2	
	2005	1	6	16	11	10	10	9	9	10	8	8	2	
	2006	1	6	15	10	10	10	9	9	11	10	6	3	
TIC														
US	2004		9	11	13	9	7	7	7	9	9	8	7	4
	2004		7	12	13	8	8	7	8	10	9	8	5	4
	2006		7	12	14	8	7	8	8	9	9	8	6	4
1 -	marketing estima	. 1'			17	J	,	U		,				

<sup>&</sup>lt;sup>1</sup> Farm marketing estimates discontinued in 2005.

### April Potato Stocks Up 10 Percent From April 1, 2007

The 13 major potato States held 134 million cwt of potatoes in storage April 1, 2008, up 10 percent from a year ago and 15 percent above April 1, 2006. Potatoes in storage accounted for 33 percent of the 2007 fall storage States' production, up 2 percentage points from last year. Klamath Basin stocks totaled 1.15 million cwt on April 1, 2008, down 18 percent from last year. Klamath Basin stocks include potatoes stored in California and Klamath County, Oregon.

Disappearance from the start of harvest to April 1 was at 266 million cwt, 1 percent below last year but up 3 percent from 2006. Shrink and loss, at 21.6 million cwt, was down 3 percent from the same period in 2007 but up 7 percent from 2006.

Processors have used 140 million cwt of 2007 crop potatoes so far this season, down 4 percent from last year's season-to-date usage but up 5 percent from 2 years ago. Idaho and Malheur County, Oregon total processing decreased 2 percent from a year ago and Maine's total processing was 5 percent below 2007. Washington and the rest of Oregon total processing was 5 percent lower than last season. Dehydrating usage accounted for 29.3 million cwt of the total processing, down 9 percent from last year but 10 percent above the same period in 2006.

Western States held 102.7 million cwt of potatoes in storage on April 1, up 18 percent from a year ago and 16 percent above 2006. Idaho's potato stocks were up 10 percent from last year; Washington's potato stocks were 55 percent above last year; and Oregon's stocks increased 21 percent from April 1, 2007. California's potato stocks decreased 25 percent from 2007, while Colorado's and Montana's stocks were both down 17 percent from a year ago.

Central States accounted for 24.4 million cwt of all potato stocks on April 1, down 5 percent from a year ago but 20 percent above the same date in 2006. Wisconsin's potato stocks were down 5 percent from last year; North Dakota's stocks were 24 percent below 2007; and potato stocks in Nebraska were down 13 percent from the previous season. Minnesota's stocks increased 5 percent from the same date in 2007 and Michigan's potato stocks were 61 percent higher than a year ago.

Eastern States stored 6.50 million cwt of potatoes on April 1, down 21 percent from a year earlier and 7 percent below April 1, 2006. Maines's potato stocks were 19 percent lower than last year and New York's potato stocks decreased 40 percent from a year ago.

Potatoes: Shrinkage and Loss, 13 Fall Storage States, 2004-2007

				/	9 /			
Crop Year	To Dec 1	To Jan 1	To Feb 1	To Mar 1	To Apr 1	To May 1	Total Jun 1	Season
	Million Cwt	Million Cwt						
2004 1	15.5	19.1	22.0	24.8	27.3	29.7	32.5	35.4
2005	12.7	15.0	16.8	18.4	20.2	22.0	23.7	26.4
2006	13.2	16.1	18.4	20.4	22.3	24.0	25.5	27.8
2007	13.9	16.0	18.0	19.7	21.6			

<sup>&</sup>lt;sup>1</sup> 15 fall storage States.

### Reliability of April 1 Stocks Estimates

To assist users in evaluating the reliability of the April 1 stocks estimate, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the April 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 April 1 stocks estimate is 4.6 percent. This means that chances are 2 out of 3 that the current estimate of 130 million cwt will not be above or below the final estimate by more than 4.6 percent, or approximately 5.98 million cwt. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 8.0 percent, or approximately 10.4 million cwt.

The 20-year (1987-2006) record of differences between the April 1 stocks estimates and the final estimates averaged 3.82 million cwt, ranging from 8.98 million cwt above the final to 12.8 million cwt below the final. During the 20-year period, the April 1 estimate has been below the final estimate 15 years and above 5 years.

#### Fall Potato Stocks: Preliminary and Final April 1 Stocks, United States, 1997-2007

Crop Year	Preliminary Stocks	% of Final	Final Stocks
	1,000 Cwt	Percent	1,000 Cwt
1997	129,340	96.4	134,190
1998	130,890	99.7	131,220
1999	127,570	99.3	128,410
2000	154,030	100.3	153,520
2001	128,930	107.5	119,950
2002	125,030	99.4	125,770
2003	126,410	100.2	126,110
2004	129,620	100.6	128,900
2005	113,900	98.4	115,700
2006	113,600	93.9	121,000
2007	133,600		

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