

# Potato Stocks

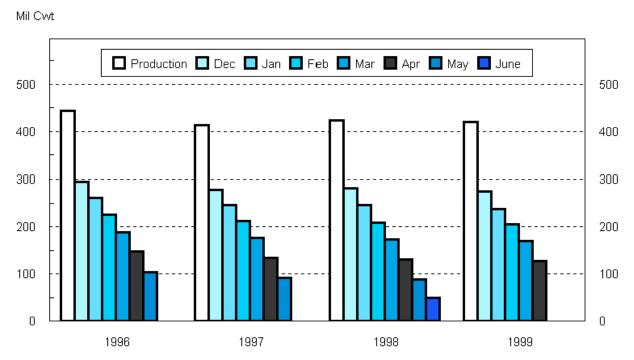
Washington, D.C.

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## **April Potato Stocks Down 3 Percent**

The 15 major potato States held 128 million cwt of potatoes in storage on April 1, 2000, down 3 percent from last year and 5 percent below two years ago. Stocks accounted for 30 percent of 1999 fall production, down 1 percentage point from a year ago. Disappearance of 293 million cwt for the season, is slightly above last year and 5 percent above two years ago. Processing, at 146 million cwt is down 2 percent from last year but 6 percent above two years ago.

# Fall Potatoes: Production and Stocks 15 Storage States



Production by crop year. Stocks by months following harvest.

Fall Potatoes: Production and Stocks, 15 Major States, 1990-99

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
1990	344,200	225,500	194,460	162,850	134,470	101,150	63,040	
1991	363,541	242,070	211,005	178,515	145,820	108,865	69,110	
1992	368,516	246,820	215,990	184,560	152,795	115,785	75,040	
1993	376,954	249,410	217,300	185,490	153,435	115,170	72,860	
1994	410,839	273,290	238,560	202,470	169,570	129,825	87,600	
1995	394,785	256,710	223,550	189,360	156,020	115,855	75,870	
1996	443,704	295,100	261,320	226,080	189,210	147,635	103,210	
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	274,370	238,160	205,780	170,050	127,570		

Data not available prior to 1998.

Potatoes: Quantity Used for Processing 8 States 1996-99 1

	Potatoes: Quantity Used for Processing, 8 States, 1996-99										
State and Crop Year	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1 <sup>2</sup>	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											
1996	31,060	38,210	45,420	54,640	62,570	70,720		96,970			
1997	26,880	33,950	41,050	49,470	57,620	65,750		91,450			
1998	27,510	34,700	42,670	51,210	60,040	68,550	76,410	92,860			
1999	27,970	34,490	40,790	49,220	57,820						
ME <sup>3</sup>											
1996	1,790	2,115	2,820	3,280	3,820	4,420		6,495			
1997	1,250	1,720	2,265	2,735	3,355	3,900		5,870			
1998	1,430	1,935	2,530	2,985	3,595	4,180	4,705	5,945			
1999	1,375	1,670	2,310	2,995	3,640						
WA & OR-Oth											
1996	31,670	36,660	41,700	48,740	55,570	62,320		80,970			
1997	28,580	33,990	38,690	46,400	53,720	59,780		76,930			
1998	33,630	38,890	45,650	53,290	60,930	67,180	74,190	83,730			
1999	33,440	39,620	45,500	53,350	61,080						
Oth Sts <sup>4</sup>											
1996	13,720	17,000	20,645	24,085	27,650	30,830		43,100			
1997	11,645	13,960	17,115	19,905	23,515	26,365		37,842			
1998	11,615	14,550	18,150	20,900	24,710	27,855	31,635	37,662			
1999	11,785	14,495	17,295	19,970	23,480	,	,	ŕ			
Total											
1996	78,240	93,985	110,585	130,745	149,610	168,290		227,535			
1997	68,355	83,620	99,120	118,510	138,210	155,795		212,092			
1998	74,185	90,075	109,000	128,385	149,275	167,765	186,940	220,197			
1999	74,570	90,275	105,895	125,535	146,020	•		•			

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, MI, MN, ND, and WI.

<sup>&</sup>lt;sup>2</sup> Data not available prior to 1998.

Includes Maine grown potatoes only.
 MI, MN, ND, and WI.

Fall Potatoes: Production and Stocks on April 1, 1999-00  $^{\rm 1}$ 

		Crop of 1998		Crop of 1999			
State	Prod	Stocks Apr 1, 1999 <sup>2</sup>	% of Prod	Prod	Stocks Apr 1, 2000 <sup>2</sup>	% of Prod	
	1,000 Cwt	1,000 Cwt	Percent	1,000 Cwt	1,000 Cwt	Percent	
CA	3,708	1,200	32	4,005	1,400	35	
CO ID	25,360 138,000	9,300 52,000	37 38	25,762 133,330	10,100 50,000	39 38	
ME	18,060	6,000	33	17,813	7,200	40	
MI MN	14,648 21,170	2,200 6,700	15 32	14,963 18,020	2,700 4,700	18 26	
MT	3,180	1,740	55	3,325	1,650	50	
NE NY	8,175 7,290	350	5	8,904 6,758	350	5	
ND OH	28,670 1,200	10,500	37	26,400 987	6,200	23	
OR	26,229	10,500	40	28,020	13,500	48	
PA WA	3,360 93,225	420 21,500	13 23	3,080 95,200	560 20,500	18 22	
WI	30,895	7,800	25	34,000	7,300	21	
Other States		1,010			1,410		
15 States	423,170	131,220	31	420,567	127,570	30	

<sup>&</sup>lt;sup>1</sup> Stocks include processor holdings and seed to plant 2000 potatoes; 1999 crop seed usage totaled 29.5 million cwt.
<sup>2</sup> Nebraska and Ohio combined into "Other States".

Potatoes: Shrinkage and Loss, 15 Fall Storage States, 1996-99

	1 000000 5 5 1 1 1 1 1 5 0 1 1 g 5 5 0 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5											
Crop Year	To Dec 1	To Jan 1	To Feb 1	To Mar 1	To Apr 1	To May 1	Total Jun 1 <sup>1</sup>	Season				
	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt	Million Cwt				
1996 1997 1998 1999	24.2 15.3 19.8 17.2	26.1 17.3 21.7 21.1	28.2 19.3 23.6 23.4	30.0 21.3 25.3 25.7	32.3 23.5 27.3 27.9	34.8 25.6 29.2	30.9	39.2 30.0 33.1				

Data not available prior to 1998.

# Fall Potatoes: Production, April 1 Stocks, and Farm Disposition, 15 Storage States and 23 Fall Season States, 1996-99 Crop Years

				Total	F	arm Disposition	
State	Crop	Production	Stocks	Used For	Where C	Grown	
	Year		Apr 1 <sup>1</sup>	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							
	1996	4,600	1,700	200	23	472	4,10
	1997	4,200	1,500	206	20	340	3,84
	1998	3,708	1,200	171	29	720	2,95
	1999	4,005	1,400		-		,
CO		,	,				
	1996	29,175	12,900	1,925	1,485	3,975	23,71
	1997	24,993	10,500	1,895	1,340	2,773	20,88
	1998	25,360	9,300	1,930	1,615	2,615	21,13
	1999	25,762	10,100	1,,,,,	1,015	2,013	21,13
ID	1///	25,702	10,100				
LD.	1996	142,800	56,000	8,600	1,500	10,100	131,20
	1997	140,314	56,000	8,700	1,130	9,258	129,92
	1998	138,000	52,000	8,400	1,280	9,756	126,96
	1999	133,330	50,000	0,400	1,200	7,750	120,70
ME	1999	155,550	30,000				
VIL	1996	21,175	8,400	1,584	395	1,800	18,98
	1997	19,080	7,400	1,430	275	1,760	17,04
	1998	18,060	6,000	1,496	360	1,740	15,96
	1999	17,813	7,200	1,490	300	1,740	13,90
MI	1999	17,813	7,200				
IVII	1996	13,800	1,900	768	300	1,300	12,20
	1990	14,250		864	200	1,300	12,20
	1997	14,648	2,300 2,200	888	200	1,348	13,10
	1998			000	200	1,346	15,10
MNT	1999	14,963	2,700				
MN	1006	24.600	9.500	1 240	115	4 150	10.00
	1996	24,600	8,500	1,348	445	4,158	19,99
	1997	20,440	6,800	1,640	450	1,717	18,27
	1998	21,170	6,700	1,400	254	1,440	19,47
A ATT	1999	18,020	4,700				
MT	1006	2 212	1 000	220	127	221	2.05
	1996	3,213	1,900	239	137	221	2,85
	1997	3,328	700	244	152	208	2,96
	1998	3,180	1,740	253	145	265	2,77
	1999	3,325	1,650				
NE	1006	4 402		451	1.00	420	2.50
	1996	4,402		451	169	439	3,79
	1997	7,761		462	203	380	7,17
	1998	8,175		469	166	881	7,12
77.7	1999	8,904					
NY	100.5		100	705			
	1996	7,420	400	583	127	341	6,95
	1997	7,150	400	607	139	315	6,69
	1998	7,290	350	572	110	330	6,85
	1999	6,758	350				

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# Fall Potatoes: Production, April 1 Stocks, and Farm Disposition, 15 Storage States and 23 Fall Season States, 1996-99 Crop Years

				Total	F	arm Disposition	
State	Crop	Production	Stocks	Used For	Where C	Grown	
	Year		Apr 1 <sup>1</sup>	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							
110	1996	28,820	10,000	2,188	360	5,270	23,190
	1997	22,000	7,000	2,142	355	2,266	19,379
	1998	28,670	10,500	2,250	395	2,840	25,435
	1999	26,400	6,200	2,200	0,0	2,0.0	20,.00
ОН	1,,,,	20,.00	0,200				
<b></b>	1996	1,275		109	5	35	1,235
	1997	1,170		105	8	37	1,125
	1998	1,200		100	8	37	1,155
	1999	987					-,
OR	1,,,,	, , ,					
	1996	30,124	13,300	1,345	305	2,560	27,259
	1997	27,319	9,800	1,405	195	1,555	25,569
	1998	26,229	10,500	1,382	195	2,206	23,828
	1999	28,020	13,500	1,002	1,0	2,200	20,020
PA	1,,,,	20,020	13,500				
	1996	4,160	410	266	81	320	3,759
	1997	3,173	480	276	78	176	2,919
	1998	3,360	420	261	50	252	3,058
	1999	3,080	560	201	30	232	3,030
WA	1777	3,000	300				
****	1996	94,990	23,000	3,648	300	6,800	87,890
	1997	88,160	22,500	3,840	300	6,400	81,460
	1998	93,225	21,500	4,080	300	6,500	86,425
	1999	95,200	20,500	.,000		3,200	00,.20
WI	1777	75,200	20,300				
,,,	1996	33,150	8,200	1,710	320	1,425	31,405
	1997	30,175	7,600	1,764	275	1,448	28,452
	1998	30,895	7,800	1,720	265	2,360	28,270
	1999	34,000	7,300	-,		_,= = = = = = = = = = = = = = = = = = =	,
Oth Sts		2 1,000	.,				
	1996		1,025				
	1997		1,210				
	1998		1.010				
	1999		1,410				
15 Sts	1,,,,		1,.10				
	1996	443,704	147,635	24,964	5,952	39,216	398,536
	1997	413,513	134,190	25,580	5,120	29,933	378,460
	1998	423,170	131,220	25,372	5,372	33,290	384,508
	1999	420,567	127,570	23,372	3,372	25,270	201,200
23 Fall St		120,307	127,570				
311 50	1996	454,388		25,608	6,054	40,087	408,247
	1997	423,190		26,224	5,260	30,841	387,089
	1998	432,737		25,929	5,584	34,231	392,922
	1999	429,847		23,727	э,эот	51,251	372,722
1 Nahrael		o stocks combined	"0.1 0	"			

<sup>&</sup>lt;sup>1</sup> Nebraska and Ohio stocks combined into "Other States".

# Fall Potatoes: Farm Marketings, Selected States, 1996-98 Marketing Years

	1996-98 Marketing Years													
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
a.														
CA	1996													
	1996													
	1998				13	12	13	11	10	12	10	8	7	4
CO	1770				13	12	13		10	12	10		,	
	1996			4	7	9	9	10	9	10	11	10	11	10
	1997		1	4	8	9	11	10	8	11	11	10	10	7
	1998			5	8	9	12	10	10	12	11	10	9	4
ID	1006				10	_	_							_
	1996 1997		6	14	18 12	7	5 8	6	6	9 7	8	8	6	7 7
	1997		6 6	15 11	20	8 6	6	8 7	6 6	8	7 9	9	7 6	6
ME	1990		0	11	20	U	U	,	0	8	)	9	0	U
1711	1996		1	8	7	7	8	10	9	14	16	9	11	
	1997		1	6	7	8	8	10	9	15	17	10	9	
	1998		1	7	9	9	9	10	11	14	12	9	9	
MI														
	1996	1	9	10	11	11	9	12	11	10	9	5	2	
	1997	3 3	9	10	8	11	11	11	12	11	8	6		
MN	1998	3	8	9	9	9	12	14	9	12	10	5		
IVIIN	1996		6	22	19	11	5	5	7	8	8	5	4	
	1997		5	22	25	11	7	5	6	7	7	5	_	
	1998		11	16	14	10	5	7	6	8	9	6	8	
NY														
	1996		7	17	17	14	14	10	8	7	4	2		
	1997		8	15	15	16	15	13	9	5	3	1		
MD	1998		7	16	16	16	15	11	8	6	4	1		
ND	1996		4	12	22	8	7	7	8	10	7	6	7	2
	1997		1	12	16	13	8	12	9	9	8	6	5	1
	1998		3	13	14	10	10	8	7	7	9	10	6	3
OR								_					_	
	1996	1	14	16	26	7	5	5	5	4	6	5	5	1
	1997	1	9	14	30	8	6	5	6	6	5	6	3	1
DΛ	1998	2	12	15	27	8	5	4	5	6	6	4	4	2
PA	1996	1	12	15	13	11	9	10	8	9	6	4	2	
	1996	1	13	13	12	12	12	10	8	7	8	3	1	
	1998	1	14	12	11	12	15	11	9	7	6	2	1	
WA			1									_	]	
	1996		17	11	31	8	3	4	4	5	5	5	5	2
	1997		12	14	31	7	4	4	4	6	6	6	5	1
3377	1998		16	13	25	7	3	5	6	7	5	6	6	1
WI	1996	1	6	20	14	10	7	8	11	9	7	4	3	
	1996	1 1	6 7	17	14	10	9	8	11	10	7	4	2	
	1998	1	6	18	13	10	10	10	9	9	8	4	2	
	1//0	1		10	13	10	10	10			U	<u>'</u>		1

### **Potato Stocks Down 3 Percent**

April 1, 2000 **potato stocks** totaled 128 million cwt, down 3 percent from a year ago and 5 percent below two years ago. Storage accounted for 30 percent of fall production, down 1 percentage point from a year ago.

**Disappearance** from the start of harvest to April 1 totaled 293 million cwt this season, up slightly from last year and 5 percent above two years ago. March disappearance of 42.5 million cwt was slightly above last year and 2 percent above two years ago. Seasonal shrink and loss of 27.9 million cwt was up 2 percent from last year and 10 percent above two years ago.

**Processing** of 1999 crop potatoes so far this season totaled 146 million cwt, down 2 percent from the 1998 crop but 6 percent above the 1997 crop. In March, processors in the eight major States used 20.5 million cwt of potatoes, down 2 percent from last year but 4 percent above 1998.

**Eastern States** stored 8.11 million cwt of potatoes on April 1, 2000, up 20 percent from a year ago but 2 percent below two years ago. Maine's holdings were up 20 percent, Pennsylvania's were up 33 percent, and New York's stocks were equal to last year.

**Central States** accounted for 22.3 million cwt of potato stocks this April, down 21 percent from a year ago and 10 percent below 1998. North Dakota's stocks were off 41 percent from last year, Minnesota's stocks dropped 30 percent, and Wisconsin's stocks were down 6 percent. Michigan's stocks were up 23 percent from a year ago and the Nebraska - Ohio combination was up 40 percent.

Western States held 97.2 million cwt of potatoes in storage on April 1, 2000, up 1 percent from last year but 4 percent below 1998. Oregon's stocks were up 29 percent from a year ago, but were offset by a 5 percent decline in Washington and a 4 percent drop in Idaho. Stocks in the three Northwest States were the same as last year and accounted for 66 percent of U. S. stocks. Colorado's stocks were up 9 percent and California's potato stocks were up 17 percent from last year. Montana's stocks, mostly seed, were off 5 percent.

### **Reliability of April 1 Stocks Estimates**

The "Root Mean Square Error" for the April 1 stocks estimate is 5.0 percent. This means that chances are 2 out of 3 that the current estimate of 128 million cwt will not be above or below the final estimate by more than 5.0 percent or approximately 6.4 million cwt. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 8.6 percent or approximately 11.0 million cwt.

The 10-year (1989-98) record of differences between the April 1 stocks estimates and the final estimates were up an average of 4.8 million cwt, ranging from 12.8 million cwt below the final to 0.74 million cwt above. During the 10-year period, the April 1 estimate has been below the final estimate 9 out of 10 years.

Fall Potato Stocks: Preliminary and Final April 1 Stocks, United States, 1989-99

Crop Year	Preliminary Stocks	% of Final	Final Stocks	
	1,000 Cwt	Percent	1,000 Cwt	
1989	83,540	99.1	84,320	
1990	91,910	90.9	101,150	
1991	109,600	100.7	108,865	
1992	103,010	89.0	115,785	
1993	108,455	94.2	115,170	
1994	123,285	95.0	129,825	
1995	112,925	97.5	115,855	
1996	143,235	97.1	147,585	
1997	129,340	96.4	134,190	
1998	130,890	99.7	131,220	
1999	127,570		,	

NOTE: Stocks are defined as the quantity (whether sold or not) remaining in storage for all purposes and uses, including seed potatoes 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 90.7 percent of the total fall production. Shrinkage, loss and home use account for the remaining 9.3 percent. Most seed for use the following year is still on hand, but remains part of stocks until moved or planted.

Potatoes: Production, Sold, Not Sold, and Kept for Seed, United States, 1994-99

Crop Year		Amount Used for Seed				
	Production	Sold	Sold as % of Prod	Not Sold	Not Sold as % of Prod	All Seasons Following year
	1,000 Cwt	1,000 Cwt	Percent	1,000 Cwt	Percent	1,000 Cwt
1994 1995 1996 1997 1998	422,345 404,852 454,388 423,190 432,737 429,847	380,818 370,679 408,247 387,089 392,922	90.2 91.6 89.8 91.5 90.8	41,527 34,173 46,141 36,101 39,815	9.8 8.4 10.2 8.5 9.2	29,428 30,561 29,138 29,975 29,516

The next "Potato Stocks" report will be released at 3 p.m. ET on May 15, 2000.

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