United States Department of Agriculture

National Agricultural Statistics Service

Small Grains
2013 Summary

September 2013

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All wheat production totaled 2.13 billion bushels in 2013, down 6 percent from 2012. Grain area totaled 45.2 million acres, down 8 percent from the previous year. The United States yield is estimated at a record high of 47.1 bushels per acre, up 0.8 bushel from the previous year. The levels of production and changes from 2012 by type are winter wheat, 1.53 billion bushels, down 7 percent; other spring wheat, 532 million bushels, down 2 percent, and Durum wheat, 61.5 million bushels, down 26 percent.

Oat production is estimated at 66.0 million bushels, up 3 percent from 2012 but the third lowest production on record. Yield is estimated at 64.0 bushels per acre, up 2.7 bushels from the previous year. Harvested area, at 1.03 million acres, is slightly below last year. This is the second lowest acreage harvested for grain on record.

Barley production is estimated at 215 million bushels, down 2 percent from 2012. Average yield per acre, at 71.7 bushels, is up 3.8 bushels from the previous year. Producers seeded 3.48 million acres in 2013, down 4 percent from last year. Harvested area, at 3.00 million acres, is down 8 percent from 2012.

This report was approved on September 30, 2013.

Acting Secretary of
Agriculture
Robert Johansson

Agricultural Statistics Board
Chairperson
Hubert Hamer

Contents

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013

State	Area planted [1]			Area harvested		
	2011	2012	2013	2011	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	45	60	60	15	15	20
Arkansas	15	12	11	10	7	7
California	200	230	180	15	25	20
Colorado	45	55	55	10	6	12
Georgia	60	60	50	25	20	18
Idaho	70	70	70	15	15	15
Illinois	30	30	40	20	20	25
Indiana	15	15	20	7	5	10
Iowa	120	130	220	50	58	60
Kansas	60	105	100	25	30	20
Maine	28	29	28	26	28	27
Michigan	40	50	50	30	35	35
Minnesota	180	190	240	110	135	105
Missouri	15	20	30	8	8	14
Montana	45	45	50	20	18	23
Nebraska	60	75	150	20	18	25
New York	55	70	75	34	50	46
North Carolina	45	40	35	20	13	13
North Dakota	170	200	225	85	110	135
Ohio	50	70	50	38	46	25
Oklahoma	35	75	60	5	10	7
Oregon	35	35	30	12	19	13
Pennsylvania	90	100	95	60	65	50
South Carolina	22	28	20	13	15	9
South Dakota	120	160	260	70	50	120
Texas	550	500	450	60	75	50
Utah	35	30	40	4	3	5
Virginia	11	11	10	3	4	2
Washington	10	15	20	3	6	5
Wisconsin	210	220	255	115	130	105
Wyoming	30	30	31	11	6	10
United States	2,496	2,760	3,010	939	1,045	1,031

See footnote(s) at end of table.

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013 (continued)

State	Yield			Production		
	2011	2012	2013	2011	2012	2013
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	60.0	55.0	60.0	900	825	1,200
Arkansas	90.0	80.0	73.0	900	560	511
California	100.0	90.0	80.0	1,500	2,250	1,600
Colorado	70.0	70.0	65.0	700	420	780
Georgia	62.0	53.0	60.0	1,550	1,060	1,080
Idaho	70.0	65.0	73.0	1,050	975	1,095
Illinois	68.0	76.0	69.0	1,360	1,520	1,725
Indiana	61.0	70.0	71.0	427	350	710
Iowa	65.0	65.0	66.0	3,250	3,770	3,960
Kansas	38.0	33.0	42.0	950	990	840
Maine	45.0	65.0	67.0	1,170	1,820	1,809
Michigan	64.0	60.0	62.0	1,920	2,100	2,170
Minnesota	54.0	62.0	57.0	5,940	8,370	5,985
Missouri	49.0	52.0	53.0	392	416	742
Montana	50.0	45.0	58.0	1,000	810	1,334
Nebraska	65.0	57.0	65.0	1,300	1,026	1,625
New York	50.0	65.0	67.0	1,700	3,250	3,082
North Carolina	80.0	75.0	70.0	1,600	975	910
North Dakota	52.0	62.0	62.0	4,420	6,820	8,370
Ohio	54.0	56.0	63.0	2,052	2,576	1,575
Oklahoma	40.0	45.0	38.0	200	450	266
Oregon	100.0	95.0	100.0	1,200	1,805	1,300
Pennsylvania	46.0	61.0	62.0	2,760	3,965	3,100
South Carolina	60.0	54.0	59.0	780	810	531
South Dakota	59.0	68.0	77.0	4,130	3,400	9,240
Texas	35.0	49.0	46.0	2,100	3,675	2,300
Utah	81.0	76.0	62.0	324	228	310
Virginia	65.0	75.0	70.0	195	300	140
Washington	59.0	82.0	68.0	177	492	340
Wisconsin	62.0	60.0	65.0	7,130	7,800	6,825
Wyoming	52.0	36.0	57.0	572	216	570
United States	57.1	61.3	64.0	53,649	64,024	66,025

[1] Includes area planted in preceding fall.

Barley Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013

State	Area planted [1]			Area harvested		
	2011	2012	2013	2011	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	65	48	75	64	47	69
California	100	120	90	75	80	40
Colorado	66	58	63	63	55	58
Delaware	35	38	43	32	34	33
Idaho	520	610	630	500	590	600
Kansas	9	10	17	6	7	11
Maine	16	17	20	14	16	17
Maryland	50	60	75	36	40	52
Michigan	10	11	10	8	9	9
Minnesota	70	115	90	60	100	75
Montana	700	900	990	620	790	830
New York	10	10	11	9	8	8
North Carolina	22	23	19	14	17	14
North Dakota	400	1,060	760	350	1,010	720
Oregon	38	56	63	32	53	50
Pennsylvania	65	65	75	55	53	60
South Dakota	25	34	34	16	22	18
Utah	35	44	40	22	26	30
Virginia	90	65	67	70	37	41
Washington	125	185	195	115	175	185
Wisconsin	33	33	33	15	15	16
Wyoming	75	75	80	63	60	64
United States	2,559	3,637	3,480	2,239	3,244	3,000

See footnote(s) at end of table.

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Barley Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013 (continued)

State	Yield			Production		
	2011	2012	2013	2011	2012	2013
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	125.0	105.0	118.0	8,000	4,935	8,142
California	63.0	55.0	75.0	4,725	4,400	3,000
Colorado	126.0	123.0	133.0	7,938	6,765	7,714
Delaware	88.0	84.0	78.0	2,816	2,856	2,574
Idaho	93.0	91.0	93.0	46,500	53,690	55,800
Kansas	29.0	59.0	48.0	174	413	528
Maine	35.0	60.0	53.0	490	960	901
Maryland	80.0	82.0	85.0	2,880	3,280	4,420
Michigan	48.0	48.0	52.0	384	432	468
Minnesota	51.0	57.0	69.0	3,060	5,700	5,175
Montana	50.0	53.0	54.0	31,000	41,870	44,820
New York	46.0	47.0	52.0	414	376	416
North Carolina	81.0	63.0	67.0	1,134	1,071	938
North Dakota	47.0	61.0	64.0	16,450	61,610	46,080
Oregon	75.0	72.0	70.0	2,400	3,816	3,500
Pennsylvania	65.0	68.0	68.0	3,575	3,604	4,080
South Dakota	33.0	36.0	55.0	528	792	990
Utah	83.0	80.0	79.0	1,826	2,080	2,370
Virginia	88.0	82.0	82.0	6,160	3,034	3,362
Washington	74.0	72.0	72.0	8,510	12,600	13,320
Wisconsin	47.0	44.0	49.0	705	660	784
Wyoming	97.0	89.0	89.0	6,111	5,340	5,696
United States	69.6	67.9	71.7	155,780	220,284	215,078

[1] Includes area planted in preceding fall.

All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013

State	Area planted [1]			Area harvested		
	2011	2012	2013	2011	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	220	220	300	195	190	270
Arizona	87	115	92	85	112	89
Arkansas	620	550	680	520	450	615
California	790	750	685	535	445	407
Colorado	2,345	2,363	2,310	2,044	2,182	1,649
Delaware	80	85	85	75	80	78
Florida	12	20	25	8	15	19
Georgia	250	290	420	200	230	350
Idaho	1,471	1,313	1,311	1,401	1,253	1,241
Illinois	800	660	875	765	645	830
Indiana	430	350	470	400	300	440
Iowa	22	18	30	16	13	21
Kansas	8,800	9,400	9,500	7,900	9,000	8,400
Kentucky	540	580	700	440	470	610
Louisiana	240	285	260	235	275	250
Maryland	260	310	345	190	210	260
Michigan	700	570	630	680	540	600
Minnesota	1,580	1,390	1,230	1,526	1,347	1,187
Mississippi	360	370	400	335	345	385
Missouri	790	790	1,100	680	690	1,000
Montana	5,100	5,800	5,455	4,975	5,615	5,240
Nebraska	1,520	1,380	1,470	1,450	1,300	1,130
Nevada	23	26	28	12	13	14
New Jersey	35	33	34	31	27	29
New Mexico	435	450	440	95	90	70
New York	120	100	125	93	85	115
North Carolina	700	830	990	610	750	920
North Dakota	6,800	7,840	6,115	6,590	7,760	6,035
Ohio	880	500	690	850	450	665
Oklahoma	5,100	5,400	5,600	3,200	4,300	3,400
Oregon	990	885	880	982	878	868
Pennsylvania	185	165	185	170	145	160
South Carolina	190	235	270	180	220	255
South Dakota	2,908	2,405	2,494	2,817	2,235	1,839
Tennessee	420	420	610	310	340	540
Texas	5,300	5,700	6,200	1,900	3,000	2,250
Utah	151	155	138	144	137	124
Virginia	270	280	320	250	240	275
Washington	2,380	2,210	2,190	2,345	2,175	2,155
West Virginia	10	8	9	6	4	7
Wisconsin	345	265	315	335	245	265
Wyoming	150	150	150	130	120	120
United States	54,409	55,666	56,156	45,705	48,921	45,177

See footnote(s) at end of table.

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All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013 (continued)

State	Yield			Production		
	2011	2012	2013	2011	2012	2013
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	73.0	59.0	69.0	14,235	11,210	18,630
Arizona	98.8	93.9	99.5	8,399	10,520	8,858
Arkansas	58.0	55.0	62.0	30,160	24,750	38,130
California	90.2	91.1	83.3	48,235	40,525	33,900
Colorado	40.0	34.3	27.3	81,828	74,848	45,018
Delaware	69.0	74.0	68.0	5,175	5,920	5,304
Florida	45.0	41.0	59.0	360	615	1,121
Georgia	55.0	49.0	60.0	11,000	11,270	21,000
Idaho	82.8	78.2	82.1	115,979	98,006	101,872
Illinois	61.0	63.0	67.0	46,665	40,635	55,610
Indiana	62.0	67.0	73.0	24,800	20,100	32,120
Iowa	45.0	53.0	52.0	720	689	1,092
Kansas	35.0	42.0	38.0	276,500	378,000	319,200
Kentucky	70.0	62.0	75.0	30,800	29,140	45,750
Louisiana	63.0	49.0	58.0	14,805	13,475	14,500
Maryland	66.0	68.0	67.0	12,540	14,280	17,420
Michigan	75.0	76.0	75.0	51,000	41,040	45,000
Minnesota	46.2	56.9	56.7	70,456	76,705	67,281
Mississippi	64.0	57.0	58.0	21,440	19,665	22,330
Missouri	50.0	57.0	56.0	34,000	39,330	56,000
Montana	35.2	34.8	38.9	174,970	195,590	203,810
Nebraska	45.0	41.0	35.0	65,250	53,300	39,550
Nevada	108.8	75.9	86.8	1,305	987	1,215
New Jersey	49.0	56.0	54.0	1,519	1,512	1,566
New Mexico	22.0	27.0	44.0	2,090	2,430	3,080
New York	56.0	63.0	68.0	5,208	5,355	7,820
North Carolina	68.0	57.0	57.0	41,480	42,750	52,440
North Dakota	30.3	43.7	44.9	199,858	339,210	270,835
Ohio	58.0	69.0	70.0	49,300	31,050	46,550
Oklahoma	22.0	36.0	31.0	70,400	154,800	105,400
Oregon	75.9	65.6	62.1	74,515	57,576	53,904
Pennsylvania	51.0	65.0	68.0	8,670	9,425	10,880
South Carolina	60.0	53.0	54.0	10,800	11,660	13,770
South Dakota	37.2	45.8	42.2	104,796	102,435	77,558
Tennessee	69.0	63.0	71.0	21,390	21,420	38,340
Texas	26.0	32.0	29.0	49,400	96,000	65,250
Utah	49.4	45.4	44.5	7,120	6,224	5,512
Virginia	71.0	65.0	62.0	17,750	15,600	17,050
Washington	71.6	67.3	66.9	167,880	146,345	144,240
West Virginia	59.0	65.0	52.0	354	260	364
Wisconsin	65.0	75.0	58.0	21,775	18,375	15,370
Wyoming	34.0	25.0	24.0	4,420	3,000	2,880
United States	43.7	46.3	47.1	1,999,347	2,266,027	2,127,520

[1] Includes area planted in preceding fall.

Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013

State	Area planted [1]			Area harvested		
	2011	2012	2013	2011	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama	220	220	300	195	190	270
Arizona	7	10	12	6	8	10
Arkansas	620	550	680	520	450	615
California	670	610	610	420	310	340
Colorado	2,300	2,350	2,300	2,000	2,170	1,640
Delaware	80	85	85	75	80	78
Florida	12	20	25	8	15	19
Georgia	250	290	420	200	230	350
Idaho	820	780	770	770	740	720
Illinois	800	660	875	765	645	830
Indiana	430	350	470	400	300	440
Iowa	22	18	30	16	13	21
Kansas	8,800	9,400	9,500	7,900	9,000	8,400
Kentucky	540	580	700	440	470	610
Louisiana	240	285	260	235	275	250
Maryland	260	310	345	190	210	260
Michigan	700	570	630	680	540	600
Minnesota	30	40	30	26	37	27
Mississippi	360	370	400	335	345	385
Missouri	790	790	1,100	680	690	1,000
Montana	2,250	2,300	2,000	2,190	2,170	1,900
Nebraska	1,520	1,380	1,470	1,450	1,300	1,130
Nevada	15	20	20	9	11	11
New Jersey	35	33	34	31	27	29
New Mexico	435	450	440	95	90	70
New York	120	100	125	93	85	115
North Carolina	700	830	990	610	750	920
North Dakota	400	750	220	375	730	205
Ohio	880	500	690	850	450	665
Oklahoma	5,100	5,400	5,600	3,200	4,300	3,400
Oregon	830	790	790	825	785	780
Pennsylvania	185	165	185	170	145	160
South Carolina	190	235	270	180	220	255
South Dakota	1,650	1,320	1,300	1,590	1,210	670
Tennessee	420	420	610	310	340	540
Texas	5,300	5,700	6,200	1,900	3,000	2,250
Utah	130	140	120	124	124	110
Virginia	270	280	320	250	240	275
Washington	1,760	1,700	1,690	1,730	1,670	1,660
West Virginia	10	8	9	6	4	7
Wisconsin	345	265	315	335	245	265
Wyoming	150	150	150	130	120	120
United States	40,646	41,224	43,090	32,314	34,734	32,402

See footnote(s) at end of table.

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Winter Wheat Planted and Harvested, Yield, and Production – States and United States: 2011-2013 (continued)

State	Yield			Production		
	2011	2012	2013	2011	2012	2013
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Alabama	73.0	59.0	69.0	14,235	11,210	18,630
Arizona	70.0	80.0	80.0	420	640	800
Arkansas	58.0	55.0	62.0	30,160	24,750	38,130
California	85.0	85.0	80.0	35,700	26,350	27,200
Colorado	39.0	34.0	27.0	78,000	73,780	44,280
Delaware	69.0	74.0	68.0	5,175	5,920	5,304
Florida	45.0	41.0	59.0	360	615	1,121
Georgia	55.0	49.0	60.0	11,000	11,270	21,000
Idaho	82.0	80.0	86.0	63,140	59,200	61,920
Illinois	61.0	63.0	67.0	46,665	40,635	55,610
Indiana	62.0	67.0	73.0	24,800	20,100	32,120
Iowa	45.0	53.0	52.0	720	689	1,092
Kansas	35.0	42.0	38.0	276,500	378,000	319,200
Kentucky	70.0	62.0	75.0	30,800	29,140	45,750
Louisiana	63.0	49.0	58.0	14,805	13,475	14,500
Maryland	66.0	68.0	67.0	12,540	14,280	17,420
Michigan	75.0	76.0	75.0	51,000	41,040	45,000
Minnesota	56.0	55.0	43.0	1,456	2,035	1,161
Mississippi	64.0	57.0	58.0	21,440	19,665	22,330
Missouri	50.0	57.0	56.0	34,000	39,330	56,000
Montana	41.0	39.0	43.0	89,790	84,630	81,700
Nebraska	45.0	41.0	35.0	65,250	53,300	39,550
Nevada	115.0	77.0	90.0	1,035	847	990
New Jersey	49.0	56.0	54.0	1,519	1,512	1,566
New Mexico	22.0	27.0	44.0	2,090	2,430	3,080
New York	56.0	63.0	68.0	5,208	5,355	7,820
North Carolina	68.0	57.0	57.0	41,480	42,750	52,440
North Dakota	37.0	55.0	43.0	13,875	40,150	8,815
Ohio	58.0	69.0	70.0	49,300	31,050	46,550
Oklahoma	22.0	36.0	31.0	70,400	154,800	105,400
Oregon	77.0	66.0	62.0	63,525	51,810	48,360
Pennsylvania	51.0	65.0	68.0	8,670	9,425	10,880
South Carolina	60.0	53.0	54.0	10,800	11,660	13,770
South Dakota	42.0	50.0	39.0	66,780	60,500	26,130
Tennessee	69.0	63.0	71.0	21,390	21,420	38,340
Texas	26.0	32.0	29.0	49,400	96,000	65,250
Utah	50.0	46.0	44.0	6,200	5,704	4,840
Virginia	71.0	65.0	62.0	17,750	15,600	17,050
Washington	75.0	71.0	69.0	129,750	118,570	114,540
West Virginia	59.0	65.0	52.0	354	260	364
Wisconsin	65.0	75.0	58.0	21,775	18,375	15,370
Wyoming	34.0	25.0	24.0	4,420	3,000	2,880
United States	46.2	47.3	47.4	1,493,677	1,641,272	1,534,253

[1] Includes area planted in preceding fall.

Other Spring Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013

State	Area planted			Area harvested		
	2011	2012	2013	2011	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Colorado	45	13	10	44	12	9
Idaho	640	520	530	620	500	510
Minnesota	1,550	1,350	1,200	1,500	1,310	1,160
Montana	2,450	2,950	2,950	2,400	2,900	2,850
Nevada	8	6	8	3	2	3
North Dakota	5,650	5,750	5,100	5,500	5,700	5,060
Oregon	160	95	90	157	93	88
South Dakota	1,250	1,080	1,190	1,220	1,020	1,165
Utah	21	15	18	20	13	14
Washington	620	510	500	615	505	495
United States	12,394	12,289	11,596	12,079	12,055	11,354

State	Yield			Production		
	2011	2012	2013	2011	2012	2013
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Colorado	87.0	89.0	82.0	3,828	1,068	738
Idaho	84.0	76.0	77.0	52,080	38,000	39,270
Minnesota	46.0	57.0	57.0	69,000	74,670	66,120
Montana	31.0	33.0	37.0	74,400	95,700	105,450
Nevada	90.0	70.0	75.0	270	140	225
North Dakota	30.5	45.0	46.0	167,750	256,500	232,760
Oregon	70.0	62.0	63.0	10,990	5,766	5,544
South Dakota	31.0	41.0	44.0	37,820	41,820	51,260
Utah	46.0	40.0	48.0	920	520	672
Washington	62.0	55.0	60.0	38,130	27,775	29,700
United States	37.7	45.0	46.8	455,188	541,959	531,739

Durum Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013

State	Area planted			Area harvested		
	2011	2012	2013	2011	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	80	105	80	79	104	79
California	120	140	75	115	135	67
Idaho	11	13	11	11	13	11
Montana	400	550	505	385	545	490
North Dakota	750	1,340	795	715	1,330	770
South Dakota	8	5	4	7	5	4
United States	1,369	2,153	1,470	1,312	2,132	1,421

State	Yield			Production		
	2011	2012	2013	2011	2012	2013
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	101.0	95.0	102.0	7,979	9,880	8,058
California	109.0	105.0	100.0	12,535	14,175	6,700
Idaho	69.0	62.0	62.0	759	806	682
Montana	28.0	28.0	34.0	10,780	15,260	16,660
North Dakota	25.5	32.0	38.0	18,233	42,560	29,260
South Dakota	28.0	23.0	42.0	196	115	168
United States	38.5	38.8	43.3	50,482	82,796	61,528

Wheat Production by Class – United States: 2011-2013

[Wheat class estimates are based on the latest available data including both surveys and administrative data]

Crop	2011	2012	2013
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Winter			
Hard red	780,089	1,000,005	744,029
Soft red	457,535	419,801	564,907
Hard white	12,368	13,171	11,154
Soft white	243,685	208,295	214,163
Spring			
Hard red	397,689	504,520	488,604
Hard white	11,878	8,465	10,502
Soft white	45,621	28,974	32,633
Durum	50,482	82,796	61,528
Total	1,999,347	2,266,027	2,127,520

Wheat Class Percentage Estimates

The following percentages are the basis for the United States wheat production by class estimates each year. These estimates are based on the latest varietal or class survey data available. These end-of-season percentages will be used during the 2014 forecast season. However, if an unusual situation significantly distorts a State's usual distribution, then updated percentages will be used to forecast the production by class. (Note: The Idaho, Oregon, and Washington percentages are based on their estimates of production by class.)

Winter Wheat Production Distribution by Class – States: 2012 and 2013

State	Hard red		Soft red		Hard white		Soft white	
	2012	2013	2012	2013	2012	2013	2012	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	1	-	99	100	-	-	-	-
Arizona	58	60	-	-	42	40	-	-
Arkansas	1	1	99	99	-	-	-	-
California	88	89	-	-	9	8	3	3
Colorado	98	95	-	-	2	5	-	-
Delaware	-	-	100	100	-	-	-	-
Florida	-	-	100	100	-	-	-	-
Georgia	-	-	100	100	-	-	-	-
Idaho	23	21	-	-	1	-	76	79
Illinois	-	-	100	100	-	-	-	-
Indiana	-	-	100	100	-	-	-	-
Iowa	55	56	45	44	-	-	-	-
Kansas	98	98	-	-	2	2	-	-
Kentucky	-	-	100	100	-	-	-	-
Louisiana	-	-	100	100	-	-	-	-
Maryland	-	-	100	100	-	-	-	-
Michigan	-	-	64	68	-	-	36	32
Minnesota	100	100	-	-	-	-	-	-
Mississippi	-	-	100	100	-	-	-	-
Missouri	2	2	98	98	-	-	-	-
Montana	99	100	-	-	1	-	-	-
Nebraska	100	100	-	-	-	-	-	-
Nevada	-	-	-	-	1	-	99	100
New Jersey	-	-	100	100	-	-	-	-
New Mexico	98	99	-	-	2	1	-	-
New York	3	3	84	87	-	-	13	10
North Carolina	-	-	100	100	-	-	-	-
North Dakota	100	100	-	-	-	-	-	-
Ohio	-	-	100	100	-	-	-	-
Oklahoma	99	99	1	1	-	-	-	-
Oregon	4	5	-	-	-	-	96	95
Pennsylvania	1	1	99	98	-	-	-	1
South Carolina	-	-	100	100	-	-	-	-
South Dakota	100	100	-	-	-	-	-	-
Tennessee	-	-	100	100	-	-	-	-
Texas	93	94	7	6	-	-	-	-
Utah	75	74	-	-	-	-	25	26
Virginia	-	-	100	100	-	-	-	-
Washington	20	12	-	-	-	-	80	88
West Virginia	3	3	97	97	-	-	-	-
Wisconsin	3	2	96	97	-	-	1	1
Wyoming	100	99	-	-	-	1	-	-

- Represents zero.

Other Spring Wheat (excluding Durum) Production Distribution by Class – States: 2012 and 2013

State	Hard red		Hard white		Soft white	
	2012	2013	2012	2013	2012	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Colorado	60	57	28	27	12	16
Idaho	50	45	20	23	30	32
Minnesota	100	100	-	-	-	-
Montana	100	100	-	-	-	-
Nevada	2	-	-	-	98	100
North Dakota	100	100	-	-	-	-
Oregon	39	37	-	1	61	62
South Dakota	100	100	-	-	-	-
Utah	63	59	2	4	35	37
Washington	49	42	2	4	49	54

- Represents zero.

Winter Wheat Head Population

The National Agricultural Statistics Service conducted objective yield surveys in 10 winter wheat estimating States during 2013. Randomly selected plots in winter wheat fields were visited monthly from May through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

Winter Wheat Heads per Square Foot – Selected States: 2009-2013

State	2009	2010	2011	2012	2013
	(number)	(number)	(number)	(number)	(number)
Colorado					
July	44.0	47.3	45.3	41.0	32.1
August	44.1	48.6	45.0	41.0	31.9
Final	43.9	48.6	45.0	41.0	31.9
Illinois					
July	58.1	44.5	60.0	56.5	60.9
August	58.4	44.5	60.1	56.5	61.2
Final	58.4	44.5	60.1	56.5	61.2
Kansas					
July	45.5	44.6	42.2	46.5	50.4
August	45.5	44.6	42.2	46.7	50.4
Final	45.5	44.6	42.2	46.7	50.4
Missouri					
July	49.7	39.8	50.7	49.9	54.6
August	49.7	39.2	48.9	49.9	55.8
Final	49.7	39.2	48.9	49.9	55.8
Montana					
July	37.1	44.7	44.3	44.1	43.7
August	35.8	44.7	46.7	44.7	45.1
Final	36.0	45.0	46.9	45.0	45.1
Nebraska					
July	51.5	47.1	54.3	50.7	38.5
August	50.8	48.1	54.6	50.7	38.8
Final	50.8	48.1	54.6	50.7	38.8
Ohio					
July	57.8	62.1	56.1	58.3	53.0
August	58.2	62.1	56.2	58.3	54.0
Final	58.2	62.1	56.2	58.3	54.0
Oklahoma					
July	38.7	36.5	37.7	47.7	51.7
August	38.7	36.5	37.7	47.7	51.7
Final	38.7	36.5	37.7	47.7	51.7
Texas					
July	35.2	35.9	32.7	34.3	33.3
August	35.2	35.9	32.8	34.3	33.3
Final	35.1	35.9	32.9	34.3	33.0
Washington					
July	36.0	40.2	41.3	37.3	38.0
August	35.6	39.2	41.5	36.6	38.6
Final	35.4	39.2	41.4	36.9	38.6

Rye Area Planted and Harvested, Yield, and Production – States and United States: 2011-2013

State	Area planted [1]			Area harvested		
	2011	2012	2013	2011	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Georgia	200	230	190	35	25	40
Oklahoma	260	250	260	55	60	80
Other States [2]	806	820	996	152	163	158
United States	1,266	1,300	1,446	242	248	278

State	Yield			Production		
	2011	2012	2013	2011	2012	2013
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Georgia	27.0	22.0	27.0	945	550	1,080
Oklahoma	15.0	21.0	20.0	825	1,260	1,600
Other States [2]	30.0	31.5	31.6	4,556	5,134	4,989
United States	26.1	28.0	27.6	6,326	6,944	7,669

[1] Includes area planted in preceding fall.
[2] Other States include Illinois, Kansas, Michigan, Minnesota, Nebraska, New York, North Carolina, North Dakota, Pennsylvania, South Carolina, South Dakota, Texas, and Wisconsin.

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2012-2013

Crop	Area planted		Area harvested	
	2012	2013	2012	2013
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Barley	3,637	3,480	3,244	3,000
Oats	2,760	3,010	1,045	1,031
Rye	1,300	1,446	248	278
Wheat, all	55,666	56,156	48,921	45,177
Winter	41,224	43,090	34,734	32,402
Durum	2,153	1,470	2,132	1,421
Other spring	12,289	11,596	12,055	11,354

Crop	Yield per acre		Production	
	2012	2013	2012	2013
	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Barley	67.9	71.7	220,284	215,078
Oats	61.3	64.0	64,024	66,025
Rye	28.0	27.6	6,944	7,669
Wheat, all	46.3	47.1	2,266,027	2,127,520
Winter	47.3	47.4	1,641,272	1,534,253
Durum	38.8	43.3	82,796	61,528
Other spring	45.0	46.8	541,959	531,739

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2012-2013

Crop	Area planted		Area harvested	
	2012	2013	2012	2013
	(hectares)	(hectares)	(hectares)	(hectares)
Barley	1,471,860	1,408,320	1,312,810	1,214,070
Oats	1,116,940	1,218,120	422,900	417,240
Rye	526,100	585,180	100,360	112,500
Wheat, all	22,527,470	22,725,770	19,797,840	18,282,680
Winter	16,682,940	17,438,090	14,056,500	13,112,770
Durum	871,300	594,890	862,800	575,060
Other spring	4,973,240	4,692,790	4,878,540	4,594,850

Crop	Yield per hectare		Production	
	2012	2013	2012	2013
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Barley	3.65	3.86	4,796,120	4,682,770
Oats	2.20	2.30	929,310	958,350
Rye	1.76	1.73	176,390	194,800
Wheat, all	3.12	3.17	61,671,150	57,901,610
Winter	3.18	3.18	44,668,100	41,755,520
Durum	2.61	2.91	2,253,340	1,674,520
Other spring	3.02	3.15	14,749,710	14,471,560

Crop Comments

Oats: The 2013 production is estimated at 66.0 million bushels, up 3 percent from 2012 but the third lowest production on record. Yield is estimated at 64.0 bushels per acre, up 2.7 bushels from the previous year. Harvested area, at 1.03 million acres, is slightly below last year. This is the second lowest acreage harvested for grain on record. Record low acres were planted in California, Georgia, North Carolina, Ohio, Oregon, South Carolina, Texas, and Virginia. Producers harvested record low acreage in Kansas, Idaho, Minnesota, North Carolina, Ohio, Pennsylvania, South Carolina, Wisconsin, and Virginia.

Favorable growing conditions in the Northern Great Plains and the Ohio Valley promoted significant yield increases compared with 2012. Drought conditions in the Southern Great Plains led to a large decline in yield from last year. During early spring, planting and emergence of the oat crop was behind the normal pace. By April 14, producers Nationwide had sown 39 percent of this year's oat crop, 33 percentage points behind last year and 10 percentage points behind the 5-year average. Cold temperatures and above average precipitation hampered fieldwork in many areas. Fifty-seven percent of this year's oat crop was seeded by May 5, thirty-six percentage points behind last year and 19 percentage points behind the 5-year average. In Minnesota and North Dakota, two of the three largest oat-producing States, producers maximized a limited number of days suitable for fieldwork as they tried to seed their crop. Through June, crop development remained behind normal in most major oat-producing States. As of June 24, fifty-three percent of the oat acreage was headed, 12 percentage points behind the 5-year average. At the end of July, 27 percent of the oat acreage was harvested, 6 percentage points behind the normal pace. By August 26, eighty-three percent of the oat acreage was harvested, 5 percentage points ahead of the five-year average.

Barley: Production is estimated at 215 million bushels, down 2 percent from 2012. Average yield per acre, at 71.7 bushels, is up 3.8 bushels from the previous year. Producers seeded 3.48 million acres in 2013, down 4 percent from last year. Harvested area, at 3.00 million acres, is down 8 percent from 2012.

By Mid-April, barley seeding was ahead of normal in the Pacific Northwest, while cool weather and poor field conditions delayed planting in Minnesota and North Dakota. By the end of April, barley planting was 30 percent complete, 32 percentage points behind 2012 and 7 percentage points behind the 5-year average. By mid-May, high winds and drier weather helped growers in Minnesota and North Dakota catch up on their planting progress. Barley was 35 percent emerged by May 19, twelve percentage points behind the 5-year average. Heavy rainfall in the Great Lakes region limited fieldwork to only 4 days during the last two weeks of May. By the end of May, North Dakota emergence was behind due to flooding and crusted fields. By June 2, sixty-six percent of the crop was in good to excellent condition, 3 percentage points behind the previous year. Drier weather by mid-June helped North Dakota growers get additional acres planted; however, progress remained 3 weeks behind normal on June 16. Nationally, 97 percent of the barley was sown and 94 percent had emerged by June 30. Warm, mostly dry weather helped the crop mature quickly in the Pacific Northwest by the end of June. Hot, dry weather extended across the Great Plains through the end of July allowing for 98 percent of the crop to be at or beyond the heading stage by July 28. By August 11, barley producers had harvested 17 percent of this year's crop, 34 percentage points behind last year and 4 percentage points behind the 5-year average. Harvest advanced most rapidly in Idaho and Montana. By the end of August, 76 percent of the Nation's barley crop was harvested, 14 percentage points behind last year but 5 percentage points ahead of the 5-year average.

Winter wheat: The 2013 winter wheat production totaled 1.53 billion bushels, down 7 percent from the previous year. The United States yield, at 47.4 bushels per acre, is up slightly from 2012 and represents the second highest yield on record, 0.4 bushel below 1999. Area harvested for grain is estimated at 32.4 million acres, down 7 percent from the previous year.

Planted acres were up from 2012 in most of the major Hard Red Winter (HRW) growing States. Particularly large acreage increases were experienced in Kansas, Nebraska, Oklahoma, and Texas. Conversely, Montana and North Dakota had large decreases in planted acres from the previous year. Harvested acres were down substantially across the HRW region, with large decreases in Colorado, the Dakotas, Kansas, Montana, Nebraska, Oklahoma, and Texas. A record high yield is estimated in New Mexico. Nationally, HRW production totaled 744 million bushels, down 26 percent from 2012. Record high production is estimated in Nevada, up 17 percent from last year.

In the Soft Red Winter (SRW) growing area, planted and harvested acreage increases from 2012 were experienced throughout the region, with producers in North Carolina seeding and harvesting the largest acreage on record. Record high yields were realized in Arkansas, Florida, Georgia, Illinois, Indiana, Kentucky, New York, Pennsylvania, and Tennessee. SRW production totaled 565 million bushels, up 35 percent from 2012. Record production was recorded in Kentucky, Maryland, North Carolina, and Tennessee.

White winter production totaled 225 million bushels, up 2 percent from the previous year. Harvested acreage in the Pacific Northwest (Idaho, Oregon, and Washington) was below 2012's level. Yields were also down from last year in most Pacific Northwest States.

Other spring wheat: Production for 2013 is estimated at 532 million bushels, down 2 percent from 2012. Harvested area totaled 11.4 million acres, down 6 percent from last year. The United States yield is estimated at a record high 46.8 bushels per acre, up 1.8 bushels from last year.

Due to wet spring conditions, planting got off to a slow start in North Dakota and Minnesota. By April 14, producers had sown 6 percent of the Nation's spring wheat crop, 27 percentage points behind last year and 7 percentage points behind the 5-year average. By May 12, seeding delays of over three weeks and over two weeks were evident in Minnesota and North Dakota respectively, due to unseasonable weather conditions and limited fieldwork. Crop maturation continued behind normal throughout the growing season for all States. As a result, sixty-four percent of the spring wheat crop was harvested by September 1, twenty-nine percentage points behind last year and 5 percentage points behind the 5-year average.

Durum wheat: Production for 2013 is estimated at 61.5 million bushels, down 26 percent from 2012. Grain area harvested totaled 1.42 million acres, down 33 percent from the previous year. The United States yield is estimated at 43.3 bushels per acre, up 4.5 bushels from 2012 and the second highest yield on record. Production in Idaho is down 15 percent from last year and represents a record low for the State.

Due to excessive moisture this season, crop development has progressed significantly behind normal in Montana and North Dakota, the two largest Durum-producing States. As a result, harvest progress in North Dakota and Montana as of September 1 was well behind last year and the 5-year average.

Rye: Production for 2013 is estimated at 7.67 million bushels, up 10 percent from 2012. Harvested area totaled 278,000 acres, up 30,000 acres from 2012. The United States yield, at 27.6 bushels per acre, is down 0.4 bushel from the previous year. Favorable growing conditions in the Southern Great Plains and the Southeast led to increases in harvested acres from a year earlier.

Statistical Methodology

Survey procedures: Objective yield and farm operator surveys were conducted to gather information on small grain acreage, yield, and production. The objective yield survey was conducted in 10 States that accounted for over 60 percent of the 2013 winter wheat production. Early in the growing season, farm operators were interviewed to seek permission to randomly locate two sample plots in selected winter wheat fields. Throughout the growing season, counts such as number of stalks, heads in late boot, and number of emerged heads were collected from these plots. The plots were revisited each month until crop maturity when the heads were clipped, threshed, and weighed. After the farm operator harvested the sample field, enumerators revisited the sample to obtain harvesting loss.

The farm operator survey was conducted primarily by telephone with some use of mail, internet, and personal interviewer. Approximately 66,000 producers were interviewed between August 28 and September 16 and asked questions pertaining to planted and harvested area as well as yield and production.

Estimating Procedures: National and State level objective yield and grower reported data were reviewed for reasonableness and consistency with historical estimates. The survey data were also reviewed considering weather patterns and crop progress compared with previous years. Each Field Office submits an estimate and written analysis for their State to the Agricultural Statistics Board (ASB). The ASB uses the survey data, administrative data, and the State analysis to prepare the estimates published in this report.

Revision Policy: Estimates contained in this report may be revised in the *Crop Production Annual Summary* report published in January should new information become available. Previous year acreage, yield, and production estimates can be revised in the *Small Grain Summary* published the following year, if new information is available that would justify a change. 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: The surveys used to make the acreage, yield, and production estimates contained in this report are subject to sampling and non-sampling type errors that are common to all surveys. Reliability of the objective yield and farmer survey must be treated separately because the survey designs for the two surveys are different. The objective yield indications are subject to sampling variability because all acres of winter wheat are not included in the sample.

The farm operator survey indications are also subject to sampling variability because all operations with small grains are not included in the sample. This variability, as measured by the relative standard error at the National level, is approximately 1.5 percent for winter wheat, 5.7 percent for Durum wheat, and 2.5 percent for other spring wheat. This means that chances are approximately 95 out of 100 that survey estimates for production will be within plus or minus 3.0 percent for winter wheat, 11.4 percent for Durum wheat, and 5.0 percent for other spring wheat 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. The relative standard errors for barley, oats and rye are 2.5, 3.5, and 8.9 percent, respectively.

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. 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@nass.usda.gov

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- Brent Chittenden – Oats, Rye, Wheat ..... (202) 720-8068
- Angie Considine – Peanuts, Rice ..... (202) 720-7688
- Angie Considine – Cotton, Cotton Ginnings, Sorghum ..... (202) 720-5944
- Chris Hawthorn – Corn, Flaxseed, Proso Millet ..... (202) 720-9526
- Brent Chittenden – Crop Weather, Barley, Hay ..... (202) 720-8068
- Travis Thorson – Soybeans, Sunflower, Other Oilseeds ..... (202) 720-7369

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- All reports are available electronically, at no cost, on the NASS web site: http://www.nass.usda.gov
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit http://www.nass.usda.gov and in the "Follow NASS" box under "Receive reports by Email," click on "National" or "State" to select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

USDA Data Users' Meeting

Monday, October 21, 2013

Crowne Plaza Chicago-Metro
Chicago, Illinois 60661
312-829-5000

The USDA's National Agricultural Statistics Service will be organizing an open forum for data users. The purpose will be to provide updates on pending changes in the various statistical and information programs and seek comments and input from data users. Other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau will also be included in the meeting.

For registration details or additional information for the Data Users' Meeting, see the NASS homepage at http://www.nass.usda.gov/meeting/ or contact Rose Armstrong (NASS) at 202-690-8141 or at rose.armstrong@nass.usda.gov.

This Data Users' Meeting precedes the Industry Outlook Conference that will be held at the same location on Tuesday, October 22, 2013. The outlook meeting brings together analysts from various commodity sectors to discuss the outlook situation. For registration details or additional information for the Industry Outlook Conference, see the conference webpage on the LMIC website: http://www.lmic.info/IOC/. Or call the Livestock Marketing Information Center (LMIC) at 303-236-0460.