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Small Grains 2014 Summary

September 2014

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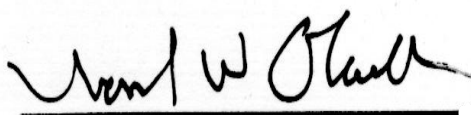


All wheat production totaled 2.04 billion bushels in 2014, down 5 percent from the revised 2013 total. Area harvested for grain totaled 46.5 million acres, up 3 percent from the previous year. The United States yield is estimated at 43.8 bushels per acre, down 3.3 bushels from the previous year. The levels of production and changes from 2013 by type are winter wheat, 1.38 billion bushels, down 11 percent; other spring wheat, 601 million bushels, up 12 percent; and Durum wheat, 57.1 million bushels, down 2 percent.

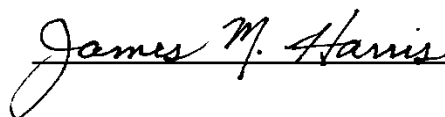
Oat production is estimated at 70.5 million bushels, up 9 percent from the revised 2013 total but represents the fourth lowest production on record. Yield is estimated at 67.8 bushels per acre, up 3.7 bushels from the previous year. Harvested area, at 1.04 million acres, is 3 percent above last year. This is the third lowest acreage harvested for grain on record.

Barley production is estimated at 180 million bushels, down 17 percent from the revised 2013 total. Average yield per acre, at 73.4 bushels, is up 2.1 bushels from the previous year and represents a record high for the United States. Producers seeded 2.98 million acres in 2014, down 16 percent from last year. Harvested area, at 2.46 million acres, is down 19 percent from 2013.

This report was approved on September 30, 2014.



Secretary of Agriculture
Designate
Joseph W. Glauber



Agricultural Statistics Board
Chairperson
James M. Harris

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Oat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted ¹			Area harvested		
	2012 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)	2012 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)
Alabama	60	60	50	15	20	15
Arkansas	12	11	12	7	7	8
California	230	150	110	25	15	10
Colorado	55	55	45	6	12	9
Georgia	60	50	60	20	18	20
Idaho	70	70	70	15	15	15
Illinois	30	40	35	20	25	25
Indiana	15	20	20	5	10	10
Iowa	130	220	145	58	60	55
Kansas	105	100	85	30	20	15
Maine	29	28	32	28	26	31
Michigan	50	50	50	35	30	40
Minnesota	190	240	230	135	105	125
Missouri	20	30	25	8	14	13
Montana	45	50	45	18	22	16
Nebraska	75	150	90	18	25	20
New York	70	75	55	50	46	40
North Carolina	40	35	33	13	13	17
North Dakota	200	225	235	110	135	115
Ohio	70	50	55	46	25	39
Oklahoma	75	60	60	10	7	10
Oregon	35	30	30	19	13	18
Pennsylvania	100	95	90	65	50	60
South Carolina	28	20	21	15	9	10
South Dakota	160	260	250	50	120	100
Texas	500	450	450	75	40	45
Utah	30	40	20	3	5	3
Virginia	11	10	10	4	2	3
Washington	15	20	25	6	5	5
Wisconsin	220	255	255	130	105	140
Wyoming	30	31	30	6	10	7
United States	2,760	2,980	2,723	1,045	1,009	1,039

See footnote(s) at end of table.

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**Oat Area Planted and Harvested, Yield, and Production – States and United States:
2012-2014 (continued)**

State	Yield			Production		
	2012 (bushels)	2013 (bushels)	2014 (bushels)	2012 (1,000 bushels)	2013 (1,000 bushels)	2014 (1,000 bushels)
Alabama	55.0	60.0	65.0	825	1,200	975
Arkansas	80.0	73.0	90.0	560	511	720
California	90.0	80.0	100.0	2,250	1,200	1,000
Colorado	70.0	65.0	60.0	420	780	540
Georgia	53.0	60.0	54.0	1,060	1,080	1,080
Idaho	65.0	73.0	91.0	975	1,095	1,365
Illinois	76.0	69.0	80.0	1,520	1,725	2,000
Indiana	70.0	71.0	74.0	350	710	740
Iowa	65.0	66.0	64.0	3,770	3,960	3,520
Kansas	33.0	42.0	56.0	990	840	840
Maine	65.0	67.0	70.0	1,820	1,742	2,170
Michigan	60.0	62.0	69.0	2,100	1,860	2,760
Minnesota	62.0	57.0	63.0	8,370	5,985	7,875
Missouri	52.0	53.0	65.0	416	742	845
Montana	45.0	54.0	65.0	810	1,188	1,040
Nebraska	57.0	65.0	80.0	1,026	1,625	1,600
New York	65.0	67.0	63.0	3,250	3,082	2,520
North Carolina	75.0	70.0	67.0	975	910	1,139
North Dakota	62.0	62.0	73.0	6,820	8,370	8,395
Ohio	56.0	63.0	63.0	2,576	1,575	2,457
Oklahoma	45.0	38.0	38.0	450	266	380
Oregon	95.0	100.0	85.0	1,805	1,300	1,530
Pennsylvania	61.0	62.0	58.0	3,965	3,100	3,480
South Carolina	54.0	59.0	62.0	810	531	620
South Dakota	68.0	77.0	93.0	3,400	9,240	9,300
Texas	49.0	46.0	38.0	3,675	1,840	1,710
Utah	76.0	62.0	70.0	228	310	210
Virginia	75.0	70.0	78.0	300	140	234
Washington	82.0	68.0	70.0	492	340	350
Wisconsin	60.0	65.0	62.0	7,800	6,825	8,680
Wyoming	36.0	57.0	55.0	216	570	385
United States	61.3	64.1	67.8	64,024	64,642	70,460

¹ Includes area planted in preceding fall.

Barley Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted ¹			Area harvested		
	2012 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)	2012 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)
Arizona	48	75	36	47	69	32
California	120	95	80	80	42	25
Colorado	58	63	57	55	58	54
Delaware	38	43	41	34	33	31
Idaho	610	650	560	590	620	515
Kansas	10	17	16	7	11	10
Maine	17	20	13	16	17	12
Maryland	60	75	70	40	52	45
Michigan	11	10	8	9	9	7
Minnesota	115	90	75	100	75	60
Montana	900	990	920	790	830	775
New York	10	11	12	8	8	8
North Carolina	23	19	20	17	14	15
North Dakota	1,060	760	620	1,010	720	540
Oregon	56	63	40	53	50	30
Pennsylvania	65	75	70	53	60	50
South Dakota	34	37	28	22	19	17
Utah	44	40	32	26	30	20
Virginia	65	72	56	37	44	28
Washington	185	205	115	175	195	105
Wisconsin	33	33	26	15	16	16
Wyoming	75	85	80	60	68	63
United States	3,637	3,528	2,975	3,244	3,040	2,458

See footnote(s) at end of table.

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**Barley Area Planted and Harvested, Yield, and Production – States and United States:
2012-2014 (continued)**

State	Yield			Production		
	2012 (bushels)	2013 (bushels)	2014 (bushels)	2012 (1,000 bushels)	2013 (1,000 bushels)	2014 (1,000 bushels)
Arizona	105.0	118.0	125.0	4,935	8,142	4,000
California	55.0	75.0	73.0	4,400	3,150	1,825
Colorado	123.0	133.0	126.0	6,765	7,714	6,804
Delaware	84.0	78.0	86.0	2,856	2,574	2,666
Idaho	91.0	93.0	95.0	53,690	57,660	48,925
Kansas	59.0	47.0	35.0	413	517	350
Maine	60.0	53.0	68.0	960	901	816
Maryland	82.0	85.0	77.0	3,280	4,420	3,465
Michigan	48.0	52.0	53.0	432	468	371
Minnesota	57.0	69.0	52.0	5,700	5,175	3,120
Montana	53.0	52.0	59.0	41,870	43,160	45,725
New York	47.0	52.0	47.0	376	416	376
North Carolina	63.0	67.0	71.0	1,071	938	1,065
North Dakota	61.0	64.0	69.0	61,610	46,080	37,260
Oregon	72.0	70.0	50.0	3,816	3,500	1,500
Pennsylvania	68.0	68.0	71.0	3,604	4,080	3,550
South Dakota	36.0	54.0	52.0	792	1,026	884
Utah	80.0	78.0	86.0	2,080	2,340	1,720
Virginia	82.0	82.0	79.0	3,034	3,608	2,212
Washington	72.0	72.0	60.0	12,600	14,040	6,300
Wisconsin	44.0	49.0	47.0	660	784	752
Wyoming	89.0	89.0	107.0	5,340	6,052	6,741
United States	67.9	71.3	73.4	220,284	216,745	180,427

¹ Includes area planted in preceding fall.

All Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted ¹			Area harvested		
	2012 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)	2012 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)
Alabama	220	310	255	190	285	225
Arizona	115	87	81	112	84	79
Arkansas	550	680	465	450	610	395
California	750	690	495	445	394	215
Colorado	2,363	2,310	2,759	2,182	1,639	2,358
Delaware	85	85	80	80	78	75
Florida	20	25	15	15	19	10
Georgia	290	430	300	230	360	230
Idaho	1,313	1,321	1,271	1,253	1,261	1,196
Illinois	660	880	740	645	840	670
Indiana	350	460	390	300	435	335
Iowa	18	30	26	13	21	15
Kansas	9,400	9,500	9,600	9,000	8,450	8,800
Kentucky	580	700	630	470	610	510
Louisiana	285	265	160	275	255	150
Maryland	310	345	340	210	260	250
Michigan	570	620	570	540	590	485
Minnesota	1,390	1,227	1,262	1,347	1,184	1,212
Mississippi	370	400	230	345	385	215
Missouri	790	1,080	880	690	985	740
Montana	5,800	5,400	5,985	5,615	5,165	5,660
Nebraska	1,380	1,470	1,550	1,300	1,140	1,450
Nevada	26	31	21	13	15	10
New Jersey	33	34	33	27	29	25
New Mexico	450	440	380	90	100	105
New York	100	125	120	85	115	95
North Carolina	830	990	830	750	925	770
North Dakota	7,840	6,105	7,960	7,760	6,025	7,565
Ohio	500	660	620	450	640	545
Oklahoma	5,400	5,600	5,300	4,300	3,400	2,800
Oregon	885	880	830	878	868	818
Pennsylvania	165	185	185	145	155	150
South Carolina	235	280	230	220	265	220
South Dakota	2,405	2,494	2,514	2,235	1,839	2,364
Tennessee	420	640	530	340	575	475
Texas	5,700	6,300	6,000	3,000	2,350	2,250
Utah	155	138	130	137	124	117
Virginia	280	335	290	240	290	260
Washington	2,210	2,210	2,320	2,175	2,175	2,250
West Virginia	8	9	10	4	7	7
Wisconsin	265	315	295	245	265	250
Wyoming	150	150	140	120	120	125
United States	55,666	56,236	56,822	48,921	45,332	46,476

See footnote(s) at end of table.

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**All Wheat Area Planted and Harvested, Yield, and Production – States and United States:
2012-2014 (continued)**

State	Yield			Production		
	2012 (bushels)	2013 (bushels)	2014 (bushels)	2012 (1,000 bushels)	2013 (1,000 bushels)	2014 (1,000 bushels)
Alabama	59.0	69.0	69.0	11,210	19,665	15,525
Arizona	93.9	99.4	110.0	10,520	8,348	8,692
Arkansas	55.0	62.0	63.0	24,750	37,820	24,885
California	91.1	82.5	84.1	40,525	32,500	18,075
Colorado	34.3	25.3	38.1	74,848	41,488	89,812
Delaware	74.0	64.0	72.0	5,920	4,992	5,400
Florida	41.0	59.0	39.0	615	1,121	390
Georgia	49.0	60.0	49.0	11,270	21,600	11,270
Idaho	78.2	82.2	78.4	98,006	103,592	93,717
Illinois	63.0	67.0	67.0	40,635	56,280	44,890
Indiana	67.0	73.0	76.0	20,100	31,755	25,460
Iowa	53.0	52.0	49.0	689	1,092	735
Kansas	42.0	38.0	28.0	378,000	321,100	246,400
Kentucky	62.0	75.0	71.0	29,140	45,750	36,210
Louisiana	49.0	58.0	62.0	13,475	14,790	9,300
Maryland	68.0	67.0	70.0	14,280	17,420	17,500
Michigan	76.0	75.0	74.0	41,040	44,250	35,890
Minnesota	56.9	56.7	54.8	76,705	67,152	66,468
Mississippi	57.0	58.0	58.0	19,665	22,330	12,470
Missouri	57.0	57.0	58.0	39,330	56,145	42,920
Montana	34.8	39.0	37.7	195,590	201,635	213,240
Nebraska	41.0	35.0	49.0	53,300	39,900	71,050
Nevada	75.9	87.0	105.0	987	1,305	1,050
New Jersey	56.0	54.0	53.0	1,512	1,566	1,325
New Mexico	27.0	44.0	28.0	2,430	4,400	2,940
New York	63.0	68.0	63.0	5,355	7,820	5,985
North Carolina	57.0	57.0	58.0	42,750	52,725	44,660
North Dakota	43.7	45.4	46.5	339,210	273,343	351,970
Ohio	69.0	70.0	74.0	31,050	44,800	40,330
Oklahoma	36.0	31.0	17.0	154,800	105,400	47,600
Oregon	65.6	62.1	54.3	57,576	53,904	44,444
Pennsylvania	65.0	68.0	65.0	9,425	10,540	9,750
South Carolina	53.0	54.0	52.0	11,660	14,310	11,440
South Dakota	45.8	42.2	55.5	102,435	77,558	131,260
Tennessee	63.0	71.0	66.0	21,420	40,825	31,350
Texas	32.0	29.0	30.0	96,000	68,150	67,500
Utah	45.4	44.2	50.3	6,224	5,484	5,882
Virginia	65.0	62.0	68.0	15,600	17,980	17,680
Washington	67.3	66.9	48.2	146,345	145,530	108,460
West Virginia	65.0	52.0	64.0	260	364	448
Wisconsin	75.0	58.0	65.0	18,375	15,370	16,250
Wyoming	25.0	24.0	38.0	3,000	2,880	4,750
United States	46.3	47.1	43.8	2,266,027	2,134,979	2,035,373

¹ Includes area planted in preceding fall.

Winter Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted ¹			Area harvested		
	2012 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)	2012 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)
Alabama	220	310	255	190	285	225
Arizona	10	12	8	8	10	7
Arkansas	550	680	465	450	610	395
California	610	620	460	310	345	180
Colorado	2,350	2,300	2,750	2,170	1,630	2,350
Delaware	85	85	80	80	78	75
Florida	20	25	15	15	19	10
Georgia	290	430	300	230	360	230
Idaho	780	780	780	740	740	730
Illinois	660	880	740	645	840	670
Indiana	350	460	390	300	435	335
Iowa	18	30	26	13	21	15
Kansas	9,400	9,500	9,600	9,000	8,450	8,800
Kentucky	580	700	630	470	610	510
Louisiana	285	265	160	275	255	150
Maryland	310	345	340	210	260	250
Michigan	570	620	570	540	590	485
Minnesota	40	27	42	37	24	32
Mississippi	370	400	230	345	385	215
Missouri	790	1,080	880	690	985	740
Montana	2,300	2,000	2,500	2,170	1,900	2,240
Nebraska	1,380	1,470	1,550	1,300	1,140	1,450
Nevada	20	23	15	11	12	9
New Jersey	33	34	33	27	29	25
New Mexico	450	440	380	90	100	105
New York	100	125	120	85	115	95
North Carolina	830	990	830	750	925	770
North Dakota	750	215	870	730	200	555
Ohio	500	660	620	450	640	545
Oklahoma	5,400	5,600	5,300	4,300	3,400	2,800
Oregon	790	790	750	785	780	740
Pennsylvania	165	185	185	145	155	150
South Carolina	235	280	230	220	265	220
South Dakota	1,320	1,300	1,210	1,210	670	1,080
Tennessee	420	640	530	340	575	475
Texas	5,700	6,300	6,000	3,000	2,350	2,250
Utah	140	120	120	124	110	109
Virginia	280	335	290	240	290	260
Washington	1,700	1,700	1,700	1,670	1,670	1,640
West Virginia	8	9	10	4	7	7
Wisconsin	265	315	295	245	265	250
Wyoming	150	150	140	120	120	125
United States	41,224	43,230	42,399	34,734	32,650	32,304

See footnote(s) at end of table.

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**Winter Wheat Planted and Harvested, Yield, and Production – States and United States:
2012-2014 (continued)**

State	Yield			Production		
	2012 (bushels)	2013 (bushels)	2014 (bushels)	2012 (1,000 bushels)	2013 (1,000 bushels)	2014 (1,000 bushels)
Alabama	59.0	69.0	69.0	11,210	19,665	15,525
Arizona	80.0	80.0	100.0	640	800	700
Arkansas	55.0	62.0	63.0	24,750	37,820	24,885
California	85.0	80.0	80.0	26,350	27,600	14,400
Colorado	34.0	25.0	38.0	73,780	40,750	89,300
Delaware	74.0	64.0	72.0	5,920	4,992	5,400
Florida	41.0	59.0	39.0	615	1,121	390
Georgia	49.0	60.0	49.0	11,270	21,600	11,270
Idaho	80.0	86.0	80.0	59,200	63,640	58,400
Illinois	63.0	67.0	67.0	40,635	56,280	44,890
Indiana	67.0	73.0	76.0	20,100	31,755	25,460
Iowa	53.0	52.0	49.0	689	1,092	735
Kansas	42.0	38.0	28.0	378,000	321,100	246,400
Kentucky	62.0	75.0	71.0	29,140	45,750	36,210
Louisiana	49.0	58.0	62.0	13,475	14,790	9,300
Maryland	68.0	67.0	70.0	14,280	17,420	17,500
Michigan	76.0	75.0	74.0	41,040	44,250	35,890
Minnesota	55.0	43.0	49.0	2,035	1,032	1,568
Mississippi	57.0	58.0	58.0	19,665	22,330	12,470
Missouri	57.0	57.0	58.0	39,330	56,145	42,920
Montana	39.0	43.0	41.0	84,630	81,700	91,840
Nebraska	41.0	35.0	49.0	53,300	39,900	71,050
Nevada	77.0	90.0	110.0	847	1,080	990
New Jersey	56.0	54.0	53.0	1,512	1,566	1,325
New Mexico	27.0	44.0	28.0	2,430	4,400	2,940
New York	63.0	68.0	63.0	5,355	7,820	5,985
North Carolina	57.0	57.0	58.0	42,750	52,725	44,660
North Dakota	55.0	43.0	49.0	40,150	8,600	27,195
Ohio	69.0	70.0	74.0	31,050	44,800	40,330
Oklahoma	36.0	31.0	17.0	154,800	105,400	47,600
Oregon	66.0	62.0	55.0	51,810	48,360	40,700
Pennsylvania	65.0	68.0	65.0	9,425	10,540	9,750
South Carolina	53.0	54.0	52.0	11,660	14,310	11,440
South Dakota	50.0	39.0	55.0	60,500	26,130	59,400
Tennessee	63.0	71.0	66.0	21,420	40,825	31,350
Texas	32.0	29.0	30.0	96,000	68,150	67,500
Utah	46.0	44.0	50.0	5,704	4,840	5,450
Virginia	65.0	62.0	68.0	15,600	17,980	17,680
Washington	71.0	69.0	52.0	118,570	115,230	85,280
West Virginia	65.0	52.0	64.0	260	364	448
Wisconsin	75.0	58.0	65.0	18,375	15,370	16,250
Wyoming	25.0	24.0	38.0	3,000	2,880	4,750
United States	47.3	47.3	42.6	1,641,272	1,542,902	1,377,526

¹ Includes area planted in preceding fall.

Other Spring Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Colorado	13	10	9	12	9	8
Idaho	520	530	480	500	510	455
Minnesota	1,350	1,200	1,220	1,310	1,160	1,180
Montana	2,950	2,950	3,050	2,900	2,830	2,990
Nevada	6	8	6	2	3	1
North Dakota	5,750	5,100	6,250	5,700	5,060	6,190
Oregon	95	90	80	93	88	78
South Dakota	1,080	1,190	1,300	1,020	1,165	1,280
Utah	15	18	10	13	14	8
Washington	510	510	620	505	505	610
United States	12,289	11,606	13,025	12,055	11,344	12,800

State	Yield			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Colorado	89.0	82.0	64.0	1,068	738	512
Idaho	76.0	77.0	76.0	38,000	39,270	34,580
Minnesota	57.0	57.0	55.0	74,670	66,120	64,900
Montana	33.0	37.0	36.0	95,700	104,710	107,640
Nevada	70.0	75.0	60.0	140	225	60
North Dakota	45.0	46.5	47.5	256,500	235,290	294,025
Oregon	62.0	63.0	48.0	5,766	5,544	3,744
South Dakota	41.0	44.0	56.0	41,820	51,260	71,680
Utah	40.0	46.0	54.0	520	644	432
Washington	55.0	60.0	38.0	27,775	30,300	23,180
United States	45.0	47.1	46.9	541,959	534,101	600,753

Durum Wheat Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Arizona	105	75	73	104	74	72
California	140	70	35	135	49	35
Idaho	13	11	11	13	11	11
Montana	550	450	435	545	435	430
North Dakota	1,340	790	840	1,330	765	820
South Dakota	5	4	4	5	4	4
United States	2,153	1,400	1,398	2,132	1,338	1,372

State	Yield			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Arizona	95.0	102.0	111.0	9,880	7,548	7,992
California	105.0	100.0	105.0	14,175	4,900	3,675
Idaho	62.0	62.0	67.0	806	682	737
Montana	28.0	35.0	32.0	15,260	15,225	13,760
North Dakota	32.0	38.5	37.5	42,560	29,453	30,750
South Dakota	23.0	42.0	45.0	115	168	180
United States	38.8	43.3	41.6	82,796	57,976	57,094

Wheat Production by Class – United States: 2012-2014

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

Crop	2012	2013	2014
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Winter			
Hard red	1,000,005	747,373	737,937
Soft red	419,801	568,481	455,297
Hard white	13,171	11,060	11,490
Soft white	208,295	215,988	172,802
Spring			
Hard red	504,520	490,629	561,258
Hard white	8,465	10,525	8,943
Soft white	28,974	32,947	30,552
Durum	82,796	57,976	57,094
Total	2,266,027	2,134,979	2,035,373

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 2015 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.

Winter Wheat Production Distribution by Class – States: 2013 and 2014

State	Hard red		Soft red		Hard white		Soft white	
	2013 (percent)	2014 (percent)	2013 (percent)	2014 (percent)	2013 (percent)	2014 (percent)	2013 (percent)	2014 (percent)
Alabama	-	-	100	100	-	-	-	-
Arizona	60	56	-	-	40	43	-	1
Arkansas	1	-	99	100	-	-	-	-
California	89	89	-	-	8	7	3	4
Colorado	95	95	-	-	5	5	-	-
Delaware	-	-	100	100	-	-	-	-
Florida	-	4	100	96	-	-	-	-
Georgia	-	-	100	100	-	-	-	-
Idaho	21	22	-	-	-	-	79	78
Illinois	-	-	100	100	-	-	-	-
Indiana	-	-	100	100	-	-	-	-
Iowa	56	56	44	41	-	2	-	1
Kansas	98	97	-	1	2	2	-	-
Kentucky	-	-	100	100	-	-	-	-
Louisiana	-	-	100	99	-	-	-	1
Maryland	-	-	100	100	-	-	-	-
Michigan	-	-	68	69	-	-	32	31
Minnesota	100	99	-	-	-	1	-	-
Mississippi	-	2	100	98	-	-	-	-
Missouri	2	1	98	99	-	-	-	-
Montana	100	100	-	-	-	-	-	-
Nebraska	100	99	-	-	-	1	-	-
Nevada	-	-	-	-	-	-	100	100
New Jersey	-	-	100	100	-	-	-	-
New Mexico	99	100	-	-	1	-	-	-
New York	3	3	87	88	-	-	10	9
North Carolina	-	-	100	100	-	-	-	-
North Dakota	100	100	-	-	-	-	-	-
Ohio	-	-	100	100	-	-	-	-
Oklahoma	99	99	1	1	-	-	-	-
Oregon	5	6	-	-	-	-	95	94
Pennsylvania	1	1	98	98	-	-	1	1
South Carolina	-	-	100	100	-	-	-	-
South Dakota	100	100	-	-	-	-	-	-
Tennessee	-	-	100	100	-	-	-	-
Texas	94	94	6	6	-	-	-	-
Utah	74	75	-	-	-	-	26	25
Virginia	-	-	100	100	-	-	-	-
Washington	12	13	-	-	-	-	88	87
West Virginia	3	2	97	98	-	-	-	-
Wisconsin	2	3	97	97	-	-	1	-
Wyoming	99	99	-	-	1	1	-	-

- Represents zero.

Other Spring Wheat (excluding Durum) Production Distribution by Class – States: 2013 and 2014

State	Hard red		Hard white		Soft white	
	2013 (percent)	2014 (percent)	2013 (percent)	2014 (percent)	2013 (percent)	2014 (percent)
Colorado	57	69	27	23	16	8
Idaho	45	40	23	22	32	38
Minnesota	100	100	-	-	-	-
Montana	100	100	-	-	-	-
Nevada	-	-	-	-	100	100
North Dakota	100	100	-	-	-	-
Oregon	37	32	1	1	62	67
South Dakota	100	100	-	-	-	-
Utah	59	49	4	5	37	46
Washington	42	32	4	5	54	63

- Represents zero.

Winter Wheat Head Population

The National Agricultural Statistics Service conducted objective yield surveys in 10 winter wheat estimating States during 2014. 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: 2010-2014

State	2010	2011	2012	2013	2014
	(number)	(number)	(number)	(number)	(number)
Colorado					
July	47.3	45.3	41.0	32.1	42.4
August	48.6	45.0	41.0	31.9	43.2
Final	48.6	45.0	41.0	31.9	43.4
Illinois					
July	44.5	60.0	56.5	60.9	63.5
August	44.5	60.1	56.5	61.2	63.7
Final	44.5	60.1	56.5	61.2	63.7
Kansas					
July	44.6	42.2	46.5	50.4	36.4
August	44.6	42.2	46.7	50.4	36.4
Final	44.6	42.2	46.7	50.4	36.4
Missouri					
July	39.8	50.7	49.9	54.6	51.2
August	39.2	48.9	49.9	55.8	50.9
Final	39.2	48.9	49.9	55.8	50.9
Montana					
July	44.7	44.3	44.1	43.7	43.4
August	44.7	46.7	44.7	45.1	44.2
Final	45.0	46.9	45.0	45.1	44.2
Nebraska					
July	47.1	54.3	50.7	38.5	48.2
August	48.1	54.6	50.7	38.8	48.2
Final	48.1	54.6	50.7	38.8	48.2
Ohio					
July	62.1	56.1	58.3	53.0	58.8
August	62.1	56.2	58.3	54.0	58.4
Final	62.1	56.2	58.3	54.0	58.4
Oklahoma					
July	36.5	37.7	47.7	51.7	34.9
August	36.5	37.7	47.7	51.7	34.9
Final	36.5	37.7	47.7	51.7	34.9
Texas					
July	35.9	32.7	34.3	33.3	32.8
August	35.9	32.8	34.3	33.3	32.8
Final	35.9	32.9	34.3	33.0	33.1
Washington					
July	40.2	41.3	37.3	38.0	32.3
August	39.2	41.5	36.6	38.6	32.1
Final	39.2	41.4	36.9	38.6	32.3

Rye Area Planted and Harvested, Yield, and Production – States and United States: 2012-2014

State	Area planted ¹			Area harvested		
	2012	2013	2014	2012	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Georgia	230	190	170	25	40	20
Oklahoma	250	260	240	60	80	55
Other States ²	820	1,001	1,024	163	158	183
United States	1,300	1,451	1,434	248	278	258
State	Yield			Production		
	2012	2013	2014	2012	2013	2014
	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Georgia	22.0	27.0	27.0	550	1,080	540
Oklahoma	21.0	20.0	9.0	1,260	1,600	495
Other States ²	31.5	31.3	33.6	5,134	4,946	6,154
United States	28.0	27.4	27.9	6,944	7,626	7,189

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: 2013-2014

Crop	Area planted		Area harvested	
	2013	2014	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Barley	3,528	2,975	3,040	2,458
Oats	2,980	2,723	1,009	1,039
Rye	1,451	1,434	278	258
Wheat, all	56,236	56,822	45,332	46,476
Winter	43,230	42,399	32,650	32,304
Durum	1,400	1,398	1,338	1,372
Other spring	11,606	13,025	11,344	12,800
Crop	Yield per acre		Production	
	2013	2014	2013	2014
	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Barley	71.3	73.4	216,745	180,427
Oats	64.1	67.8	64,642	70,460
Rye	27.4	27.9	7,626	7,189
Wheat, all	47.1	43.8	2,134,979	2,035,373
Winter	47.3	42.6	1,542,902	1,377,526
Durum	43.3	41.6	57,976	57,094
Other spring	47.1	46.9	534,101	600,753

Small Grain Annual Summary Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2013-2014

Crop	Area planted		Area harvested	
	2013	2014	2013	2014
	(hectares)	(hectares)	(hectares)	(hectares)
Barley	1,427,750	1,203,950	1,230,260	994,730
Oats	1,205,980	1,101,970	408,330	420,470
Rye	587,210	580,330	112,500	104,410
Wheat, all	22,758,150	22,995,300	18,345,410	18,808,370
Winter	17,494,750	17,158,450	13,213,130	13,073,110
Durum	566,570	565,760	541,480	555,230
Other spring	4,696,830	5,271,090	4,590,800	5,180,030
Crop	Yield per hectare		Production	
	2013	2014	2013	2014
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
Barley	3.89	3.95	4,719,070	3,928,330
Oats	2.25	2.43	938,280	1,022,720
Rye	1.72	1.75	193,710	182,610
Wheat, all	3.18	2.95	58,104,610	55,393,780
Winter	3.20	2.87	41,990,910	37,490,110
Durum	2.74	2.80	1,577,850	1,553,840
Other spring	3.17	3.16	14,535,850	16,349,820

Crop Comments

Oats: The 2014 production is estimated at 70.5 million bushels, up 9 percent from the revised 2013 total but represents the fourth lowest production on record. Yield is estimated at 67.8 bushels per acre, up 3.7 bushels from the previous year. Harvested area, at 1.04 million acres, is 3 percent above last year. This is the third lowest acreage harvested for grain on record. Record low acres were harvested in California, Idaho, Kansas, Montana, and Utah.

Favorable growing conditions in the Northern Great Plains and the Ohio Valley promoted significant yield increases compared with 2013. Drought conditions in Texas led to a large decline in yield from last year. Record high yields are estimated in Alabama, Idaho, Montana, Nebraska, North Dakota, South Dakota, and Virginia. During early spring, planting and emergence of the oat crop was behind the normal pace. By April 13, producers Nationwide had sown 9 percent of this year's oat crop, 29 percentage points behind last year and 38 percentage points behind the 5-year average. Despite more favorable conditions during the middle of the April, which led to planting progress advancing 22 percentage points in Iowa and 39 percentage points in Nebraska during the week ending April 20, National progress remained well behind normal by the end of April. Forty percent of this year's oat crop was seeded by May 4, sixteen percentage points behind last year and 31 percentage points behind the 5-year average. Planting progress was furthest behind in the upper Midwest, 45 percentage points behind the 5-year average in Minnesota and 41 percentage points behind normal in Wisconsin. Throughout June, crop development remained behind normal in most major oat-producing States. As of June 29, sixty-nine percent of the oat acreage was headed, 4 percentage points behind the 5-year average. By the beginning of August, 40 percent of the oat acreage was harvested, 9 percentage points behind the normal pace. By August 31, eighty percent of the oat acreage was harvested, 13 percentage points behind the 5-year average.

Barley: Production is estimated at 180 million bushels, down 17 percent from the revised 2013 total. Average yield per acre, at 73.4 bushels, is up 2.1 bushels from the previous year and represents a record high for the United States. Producers seeded 2.98 million acres in 2014, down 16 percent from last year. Harvested area, at 2.46 million acres, is down 19 percent from 2013.

Barley seeding was ahead of normal in Idaho by mid-April, while poor field conditions delayed progress in Minnesota and North Dakota. By May 4, seeding Nationwide had advanced to 46 percent complete, 4 percentage points ahead of last year and 2 percentage points ahead of the 5-year average. Barley seeding continued to advance ahead of the normal pace in Montana and the Pacific Northwest throughout May. By May 18, thirty-seven percent of the crop had emerged, 3 percentage points ahead of last year but 3 percentage points behind the five-year average. Nationwide, 93 percent of the barley crop was seeded by June 1, eleven percentage points ahead of last year and 4 percentage points ahead of the 5-year average. By June 22, a majority of the crop had reached the heading stage in Idaho and Washington, while the crop had just begun heading in Minnesota and North Dakota. Seventeen percent of the Nation's barley crop was at or beyond the heading stage by June 22, slightly ahead of last year and 4 percentage points ahead of the 5-year average. Overall, 68 percent of the barley crop was reported in good to excellent condition on June 29, equal to the same time in 2013. Harvest had begun in the Pacific Northwest by the middle of the July. By August 3, twelve percent of the barley crop was harvested in Idaho, 34 percent was harvested in Oregon, and 20 percent was harvested in Washington. In the middle of August, rain was increasing the level of disease and mold in many barley fields in Idaho, with barley sprouting in the heads decreasing the quality of the crop. By August 31, fifty-eight percent of the barley crop was harvested, 15 percentage points behind last year and 10 percentage points behind the 5-year average. Barley rated in the good to excellent categories dropped 14 percentage points over the month of August, reported at 52 percent on August 31. By September 14, ninety-one percent of the barley crop was harvested, 4 percentage points behind last year but slightly ahead of the 5-year average.

Winter wheat: Winter wheat production for 2014 totaled 1.38 billion bushels, down 11 percent from the revised 2013 total. The United States yield, at 42.6 bushels per acre, is down 4.7 bushels from 2013. Area harvested for grain is estimated at 32.3 million acres, down 1 percent from the previous year.

Planted acres were up from 2013 in most of the major Hard Red Winter (HRW) growing States. Particularly large acreage increases occurred in Colorado, Kansas, Montana, Nebraska, and North Dakota. Conversely, Oklahoma and Texas had large decreases in planted acres from the previous year. Harvested acres were up across the HRW region, with large

increases in Colorado, Kansas, Montana, Nebraska, and the Dakotas. A record high yield is estimated in Nebraska, South Dakota, and Wyoming. Nationally, HRW production totaled 738 million bushels, down 1 percent from 2013.

In the Soft Red Winter (SRW) growing area, planted and harvested acreage decreases from 2013 were experienced throughout the region. Record high yields were realized in Arkansas, Illinois, Indiana, and Ohio. SRW production totaled 455 million bushels, down 20 percent from 2013.

White winter production totaled 184 million bushels, down 19 percent from the previous year. Harvested acreage in the Pacific Northwest (Idaho, Oregon, and Washington) was below what was harvested in 2013. Yields were also down from last year in all Pacific Northwest States.

Other spring wheat: Production for 2014 is estimated at 601 million bushels, up 12 percent from the revised 2013 total. Harvested area totaled 12.8 million acres, up 13 percent from last year. The United States yield is estimated at 46.9 bushels per acre, down slightly from last year. Of the total production, 561 million bushels are Hard Red Spring wheat, up 14 percent from last year. Record high yields are estimated in the Dakotas.

By May 4, producers had sown 26 percent of the spring wheat crop, 5 percentage points ahead of last year but 15 percentage points behind the 5-year average. Following the trend of other small grains, planting progress started the month well behind normal but caught up to the 5-year average by the end of the month in most estimating States. Delays in planting progress were most evident in Minnesota and North Dakota, where producers were not able to make significant planting progress until mid-month. Nationally, producers had sown 88 percent of the spring wheat crop by June 1, eight percentage points ahead of last year but equal to the 5-year average. Forty-seven percent of the spring wheat was at or beyond the heading stage by July 6, six percentage points ahead of last year but equal to the 5-year average. Spring wheat progress remained well ahead of normal in the Pacific Northwest but behind the 5-year average pace in the Northern Great Plains. Thirty-eight percent of the spring wheat crop was harvested by August 31, twenty-three percentage points behind last year and 27 percentage points behind the 5-year average. At the end of the month, spring wheat harvest in Minnesota was nearly 3 weeks behind the 5-year average.

Durum wheat: Production for 2014 is estimated at 57.1 million bushels, down 2 percent from the revised 2013 total. Grain area harvested totaled 1.37 million acres, up 3 percent from the previous year. The United States yield is estimated at 41.6 bushels per acre, down 1.7 bushels from 2013. Production in North Dakota, the largest Durum-producing State, is up 4 percent from last year. A record high yield is estimated in South Dakota.

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 August 31 was well behind last year and the 5-year average.

Rye: Production for 2014 is estimated at 7.19 million bushels, down 6 percent from the revised 2013 total. Harvested area totaled 258,000 acres, down 20,000 acres from 2013. The United States yield, at 27.9 bushels per acre, is up 0.5 bushel from the previous year. Drier weather conditions in the Southern Great Plains and the Southeast led to decreases 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 2014 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 24 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 Regional 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 1.4 percent for winter wheat, 4.7 percent for Durum wheat, and 2.9 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 2.8 percent for winter wheat, 9.4 percent for Durum wheat, and 5.8 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 3.3, 3.8, and 8.7 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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James Johanson – County Estimates, Hay	(202) 690-8533
Anthony Prillaman – Peanuts, Rice.....	(202) 720-2127
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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.

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USDA Data Users' Meeting
Monday, October 20, 2014

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) 720-3896 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 21, 2014. 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.