



Crop Production

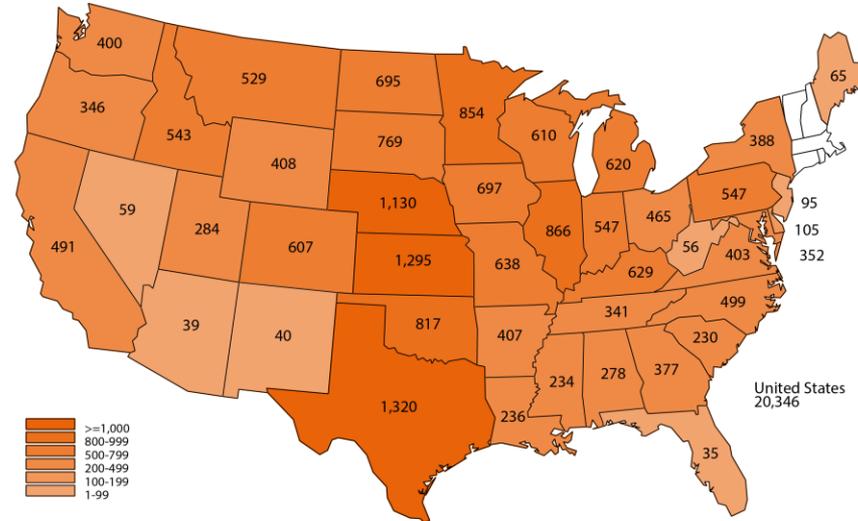
Executive Summary

Lance Honig, Chief
Crops Branch

Data Sources

Operator Reported Survey	Ag Yield	Sample Size = 20,346	July 30 - August 6
Field Survey	Objective Yield Winter Wheat	Sample Size = 1,155	July 25 - August 1
Remotely Sensed (Satellite)	Time Series 250 Meter MODIS Satellite Data	Focus Area Corn Belt	Imagery Through August 3

August 2020 Ag Yield Sample Sizes





August 2020 Corn

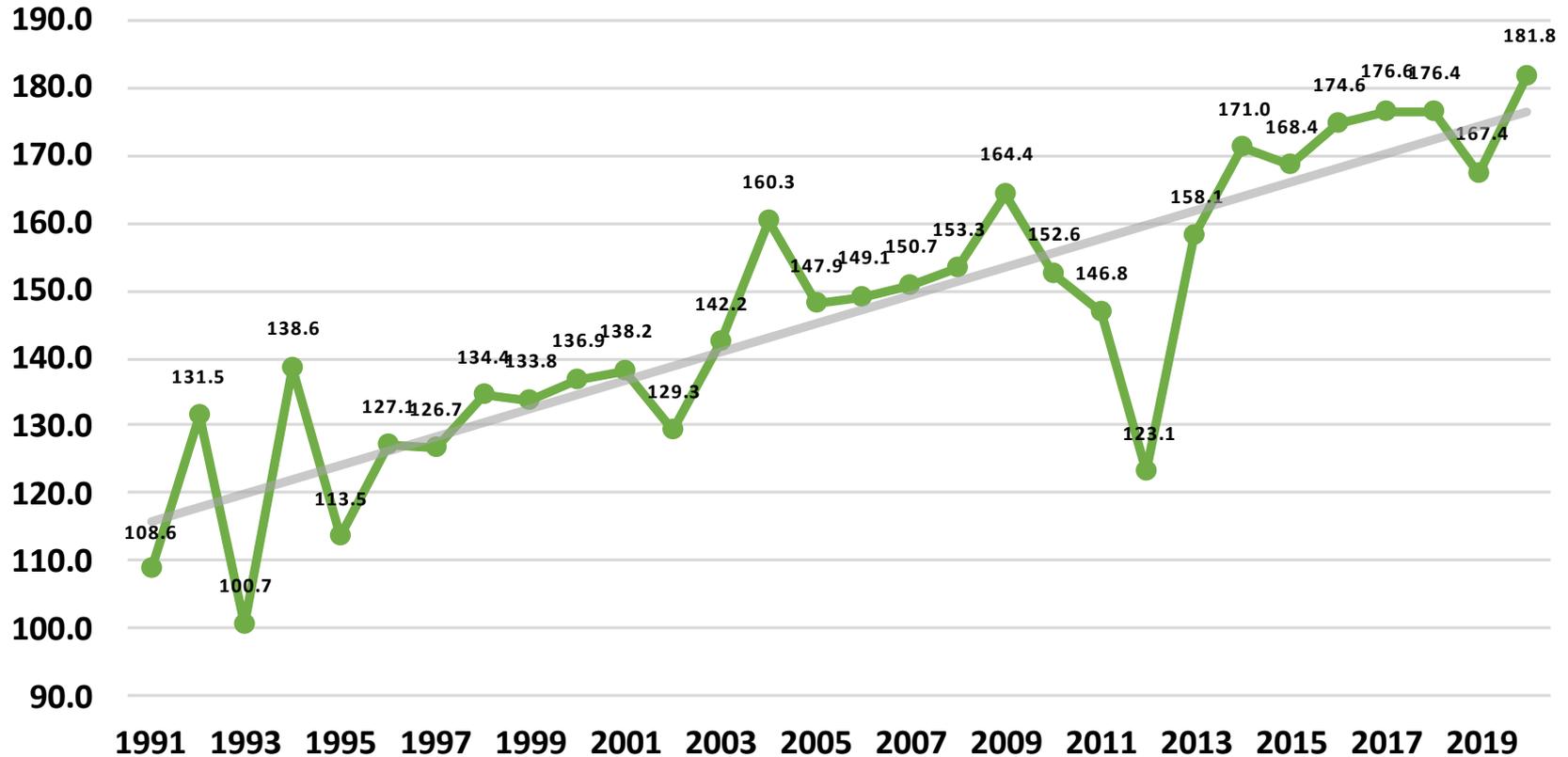
Acreage, Yield, and Production

	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
United States	92,006		84,023		181.8		15,278,202	
% Change from Previous Estimate	NC		NC		N/A		N/A	
% Change from Previous Season	↑	2.6	↑	3.3	↑	8.6	↑	12.2

Top 5 States - By Production												
	Planted			Harvested			Yield			Production		
	(1,000 Acres)	% Δ PY		(1,000 Acres)	% Δ PY		(Bushels/Acre)	% Δ PY		(1,000 Bushels)	% Δ PY	
Iowa	14,000	↑	3.7	13,550	↑	3.8	202	↑	2.0	2,737,100	↑	5.9
Illinois	10,900	↑	3.8	10,700	↑	4.9	207	↑	14.4	2,214,900	↑	20.0
Nebraska	9,800	↓	3.0	9,450	↓	3.7	191	↑	4.9	1,804,950	↑	1.1
Minnesota	8,100	↑	3.8	7,650	↑	5.5	197	↑	13.9	1,507,050	↑	20.2
Indiana	5,400	↑	8.0	5,250	↑	8.9	188	↑	11.2	987,000	↑	21.2

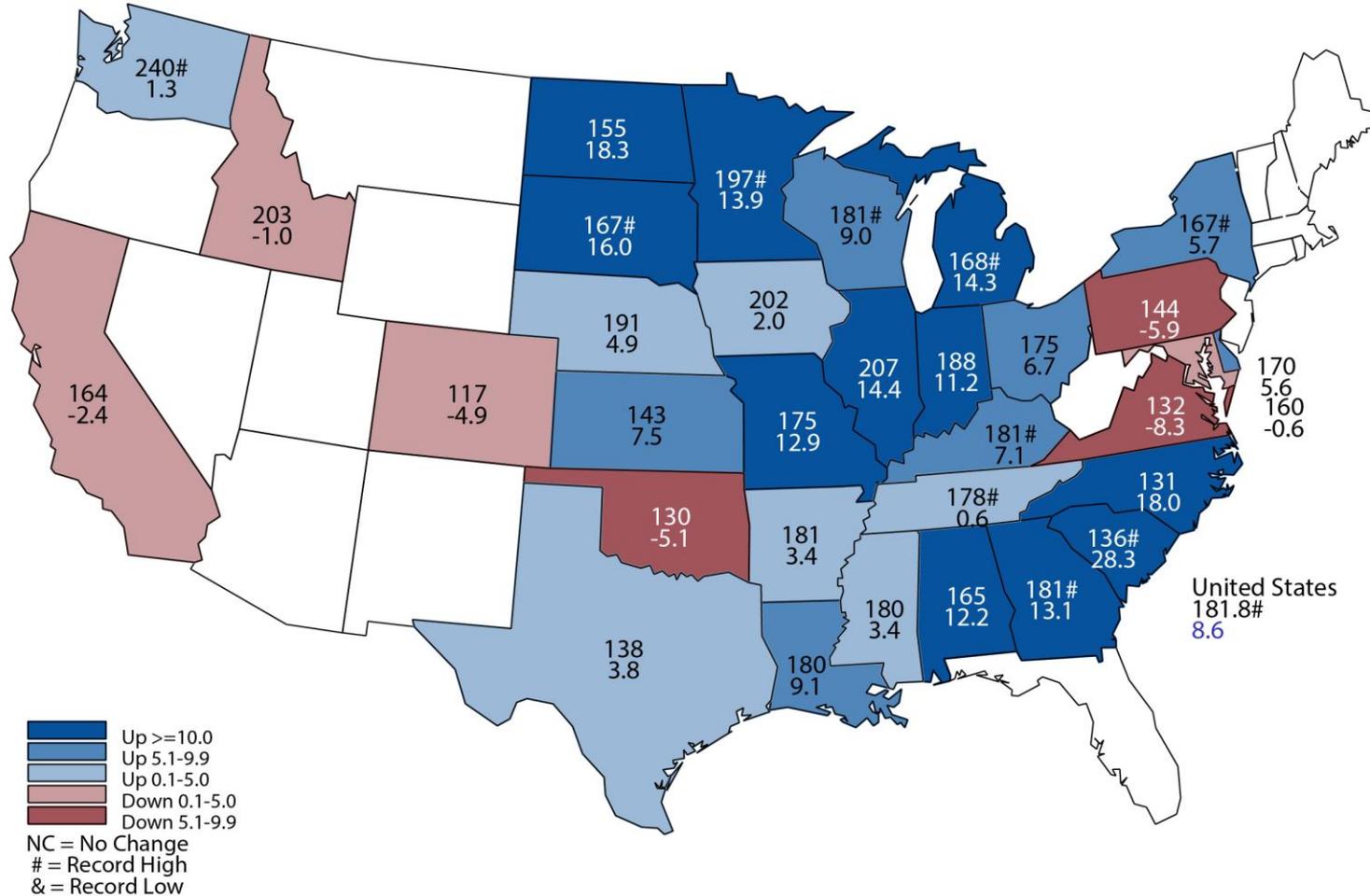
August 2020 Corn Yield United States

Bushels per Acre



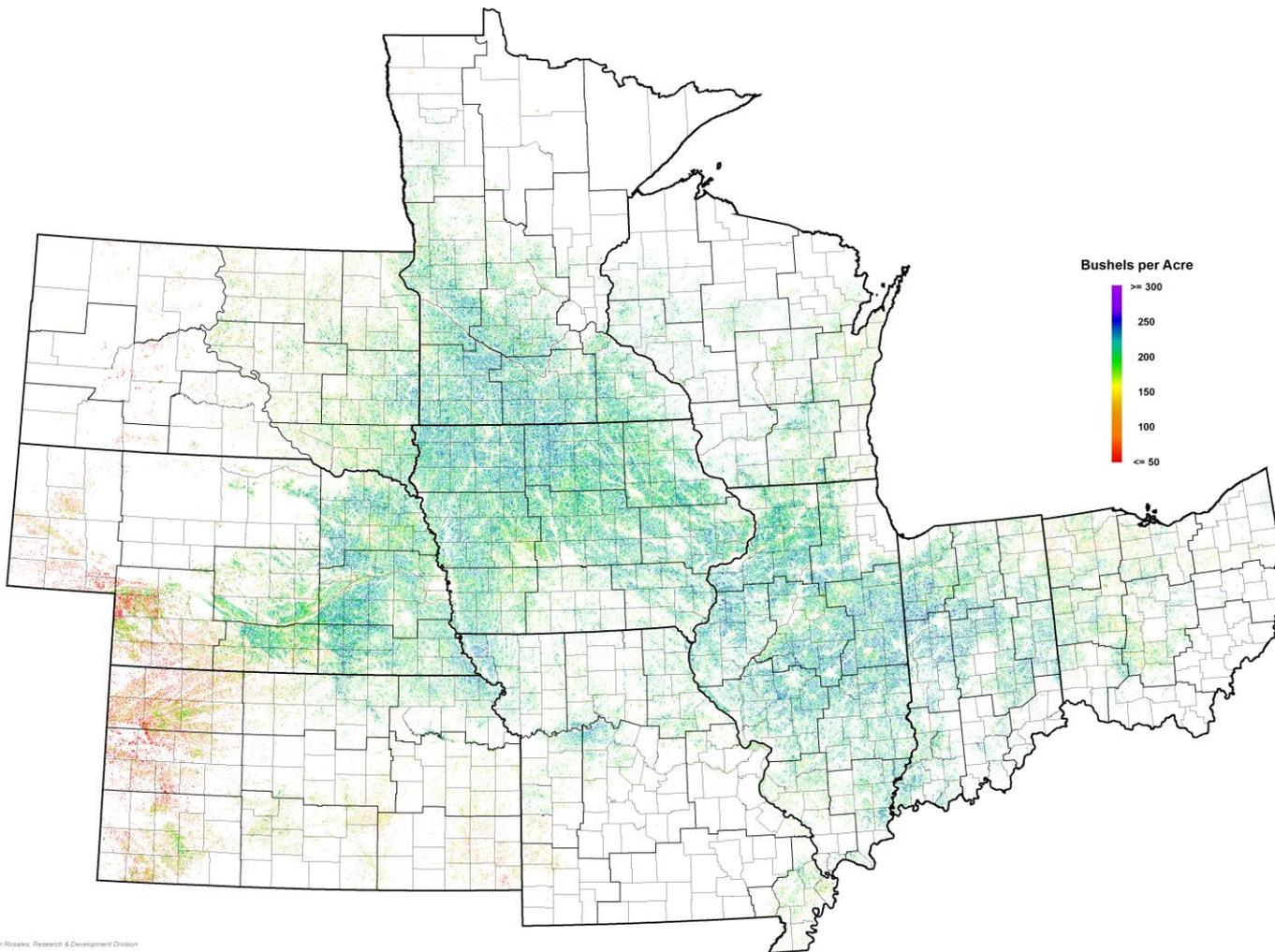
August 2020 Corn Yield

Bushels and Percent Change from Previous Year



August 2020 Corn

NASA Terra MODIS Modeled Yield



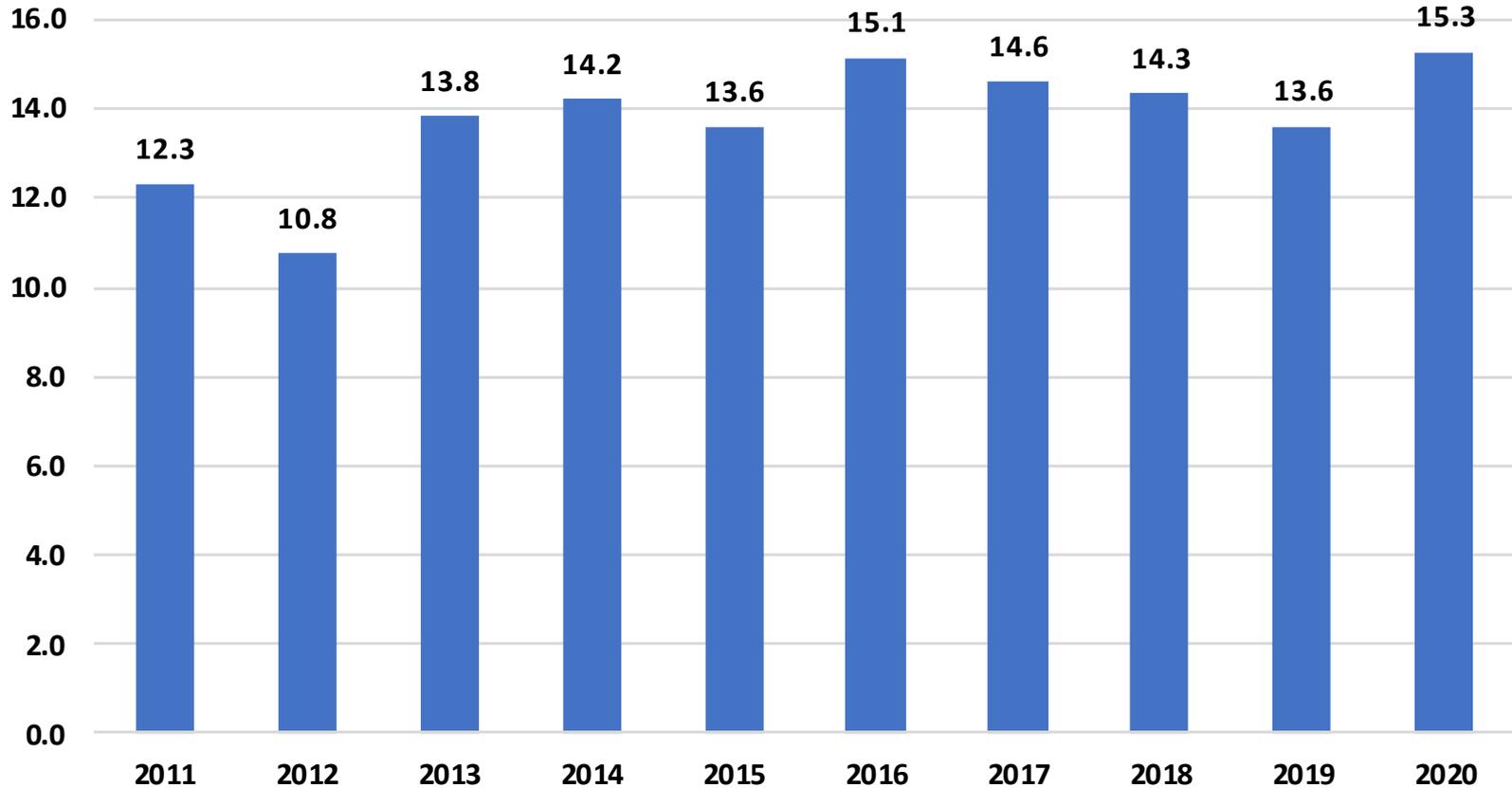
David M. Johnson & Arthur Roseate, Research & Development Division



August 2020 Corn Production United States



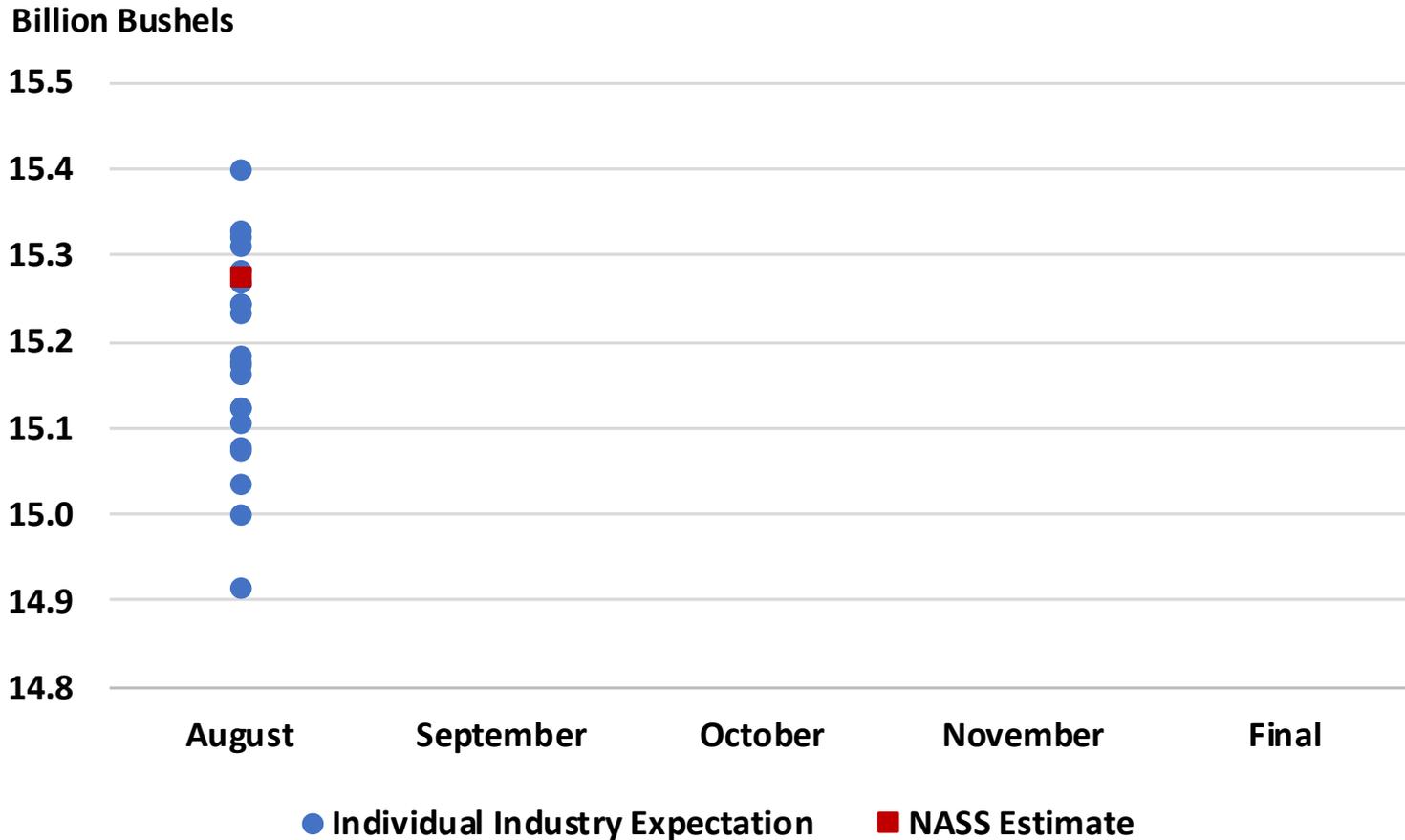
Billion Bushels





2020 U.S. Corn Production

Industry Expectations vs NASS





August 2020 Soybeans

Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	83,825	83,020	53.3	4,424,800
% Change from Previous Estimate	NC	NC	N/A	N/A
% Change from Previous Season	↑ 10.2	↑ 10.8	↑ 12.4	↑ 24.6

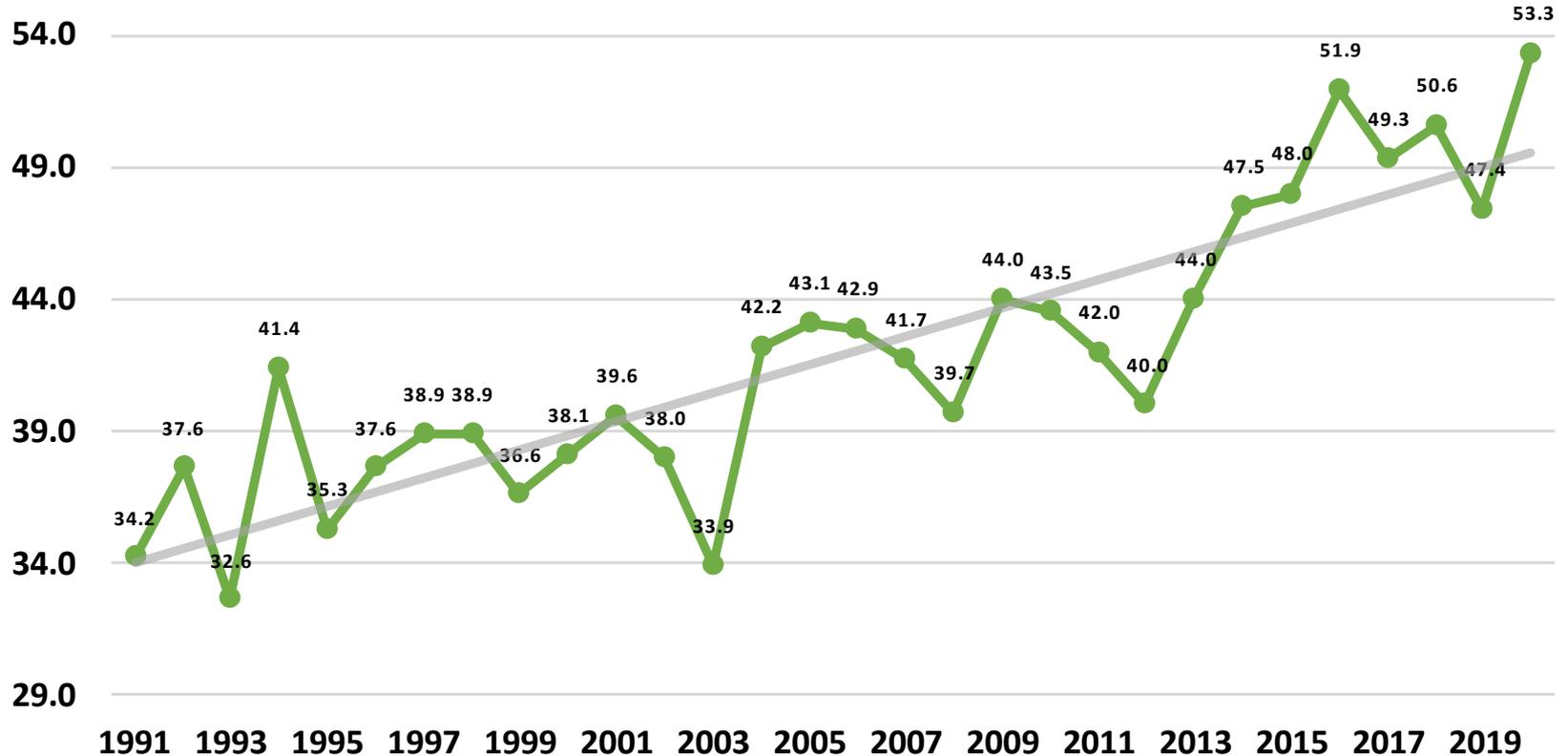
Top 5 States - By Production											
	Planted		Harvested		Yield		Production				
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Bushels/Acre)	% Δ PY	(1,000 Bushels)	% Δ PY			
Illinois	10,400	↑ 4.5	10,350	↑ 5.0	64.0	↑ 18.5	662,400	↑ 24.4			
Iowa	9,400	↑ 2.2	9,320	↑ 2.2	58.0	↑ 5.5	540,560	↑ 7.8			
Minnesota	7,400	↑ 8.0	7,330	↑ 8.3	51.0	↑ 15.9	373,830	↑ 25.5			
Indiana	5,700	↑ 5.6	5,680	↑ 6.0	61.0	↑ 19.6	346,480	↑ 26.7			
Nebraska	5,000	↑ 2.0	4,950	↑ 2.3	62.0	↑ 6.0	306,900	↑ 8.4			



August 2020 Soybean Yield United States

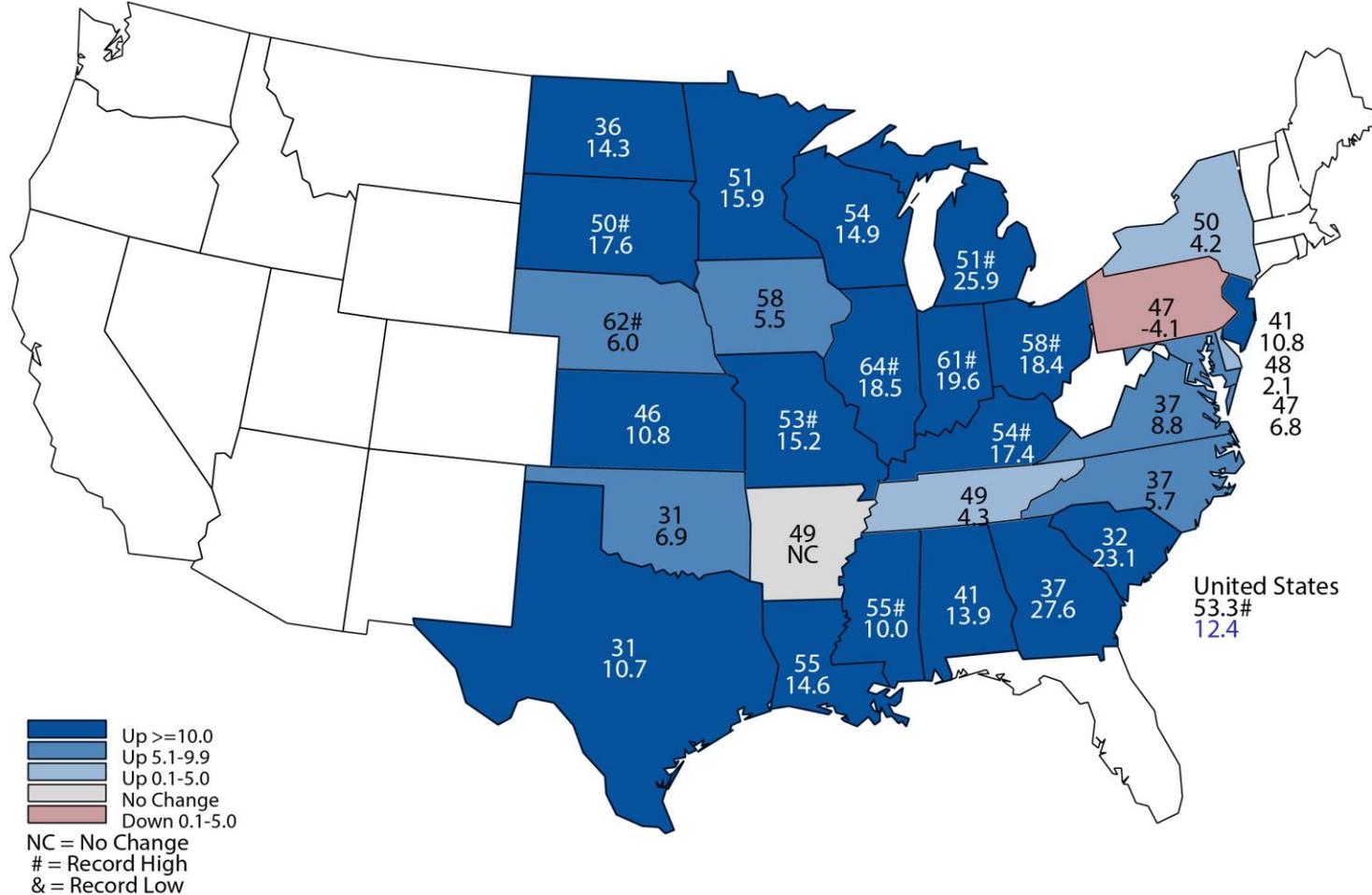


Bushels per Acre



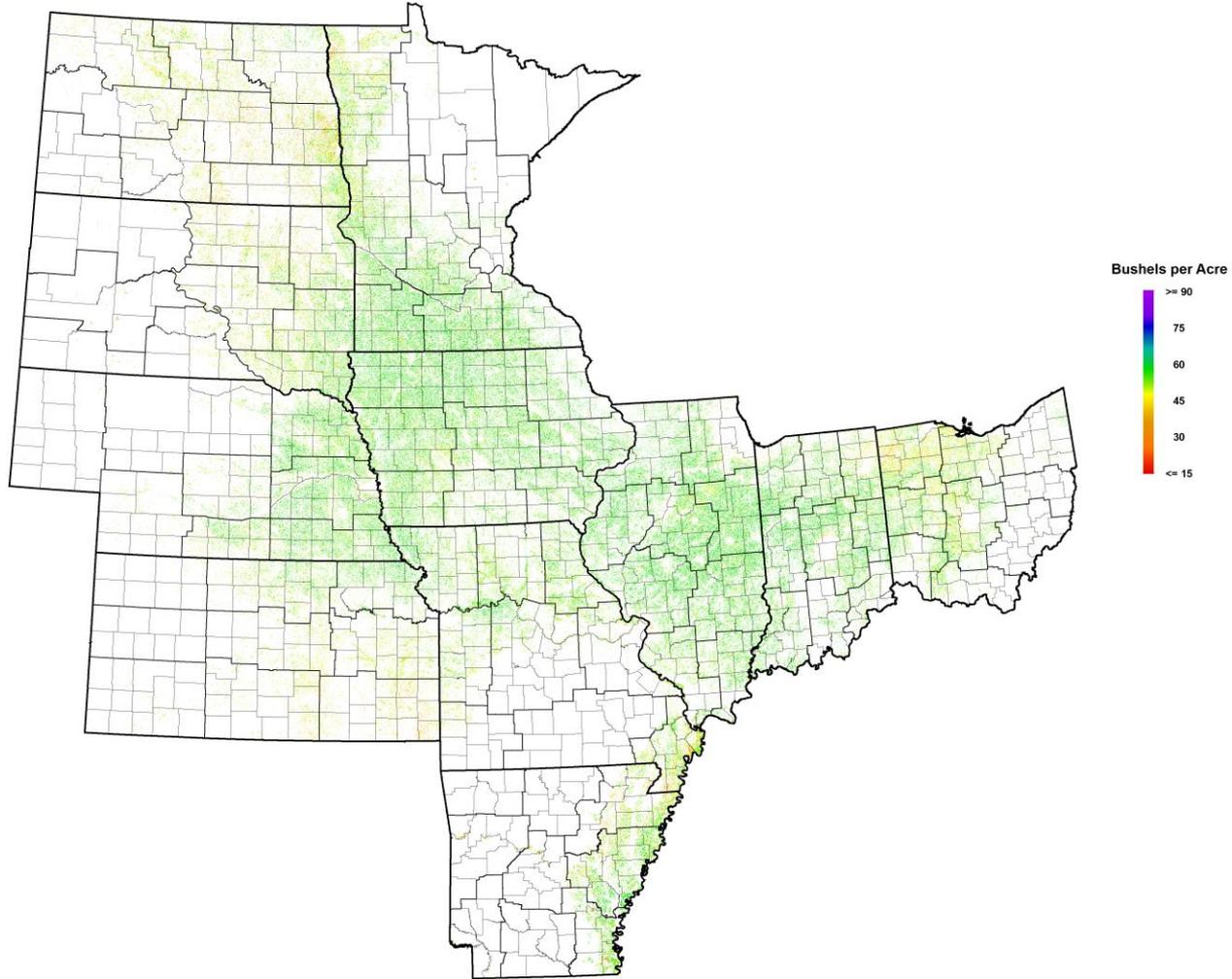
August 2020 Soybean Yield

Bushels and Percent Change from Previous Year



August 2020 Soybeans

NASA Terra MODIS Modeled Yield

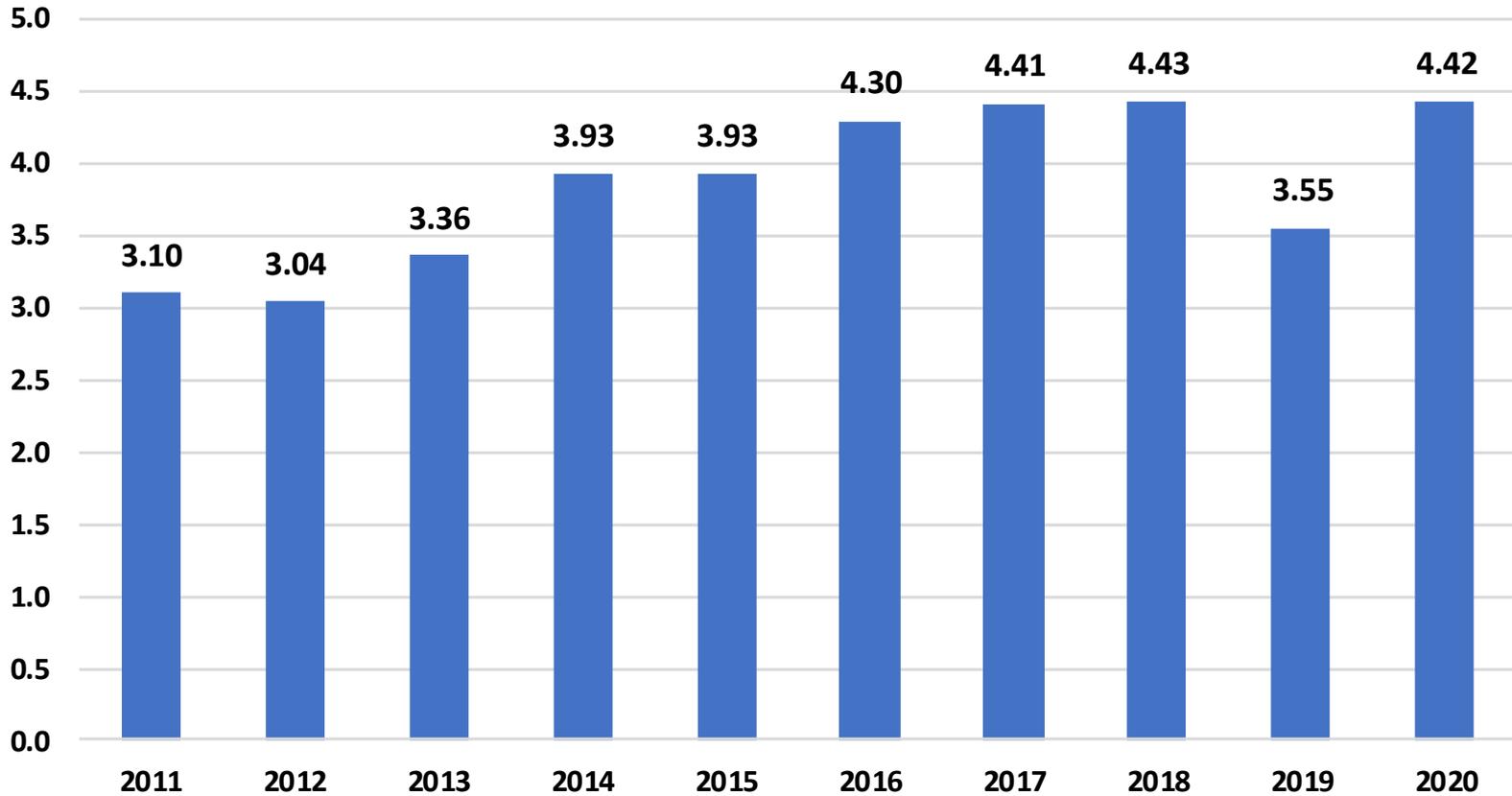




August 2020 Soybean Production United States



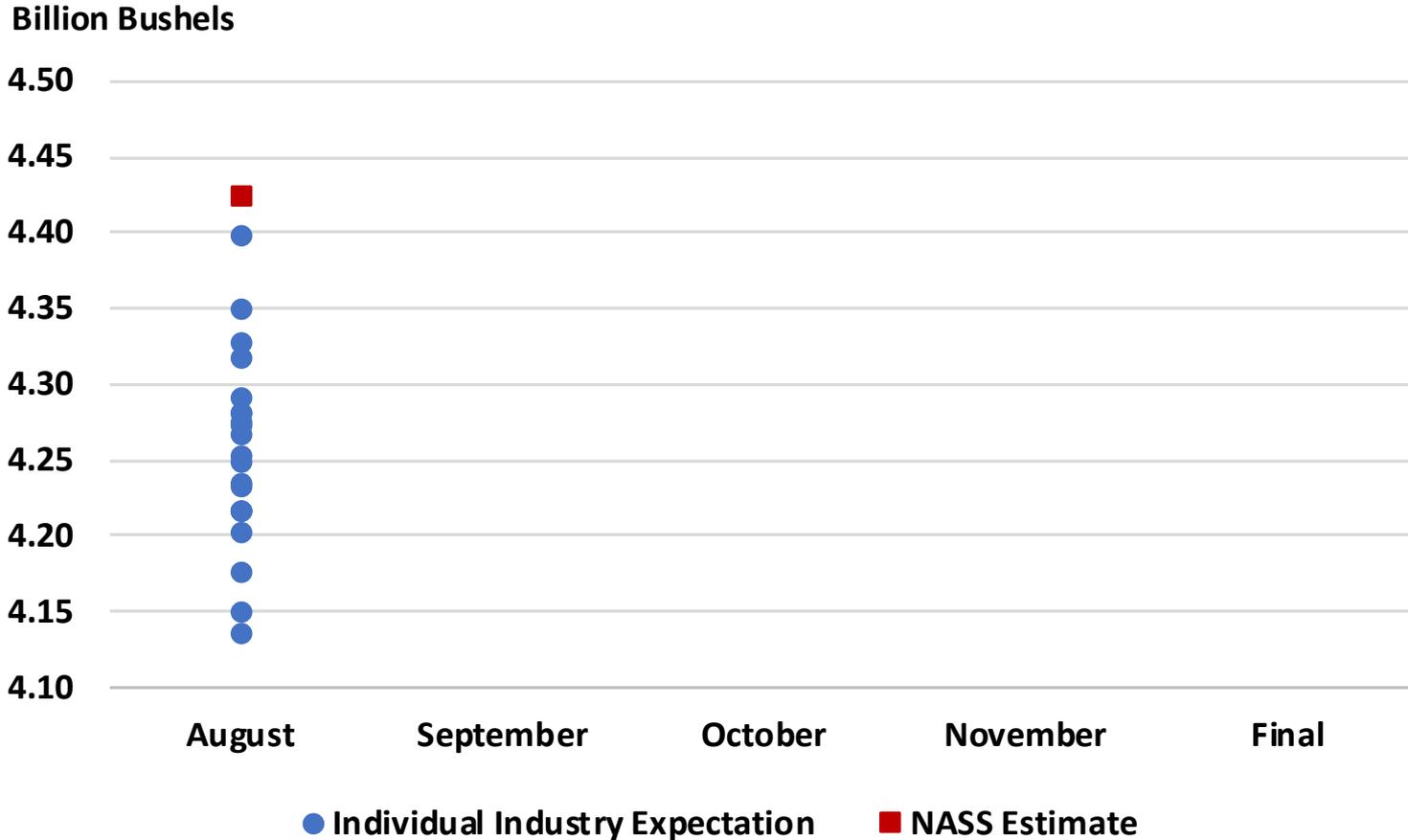
Billion Bushels





2020 U.S. Soybean Production

Industry Expectations vs NASS





August 2020 Cotton

Acreage, Yield, and Production

	Planted <small>(1,000 Acres)</small>	Harvested <small>(1,000 Acres)</small>	Yield <small>(Pounds/Acre)</small>	Production <small>(1,000 Bales)</small>
United States	12,185	9,247	938	18,080
% Change from Previous Estimate	NC	N/A	N/A	N/A
% Change from Previous Season	↓ 11.3	↓ 20.4	↑ 14.0	↓ 9.2

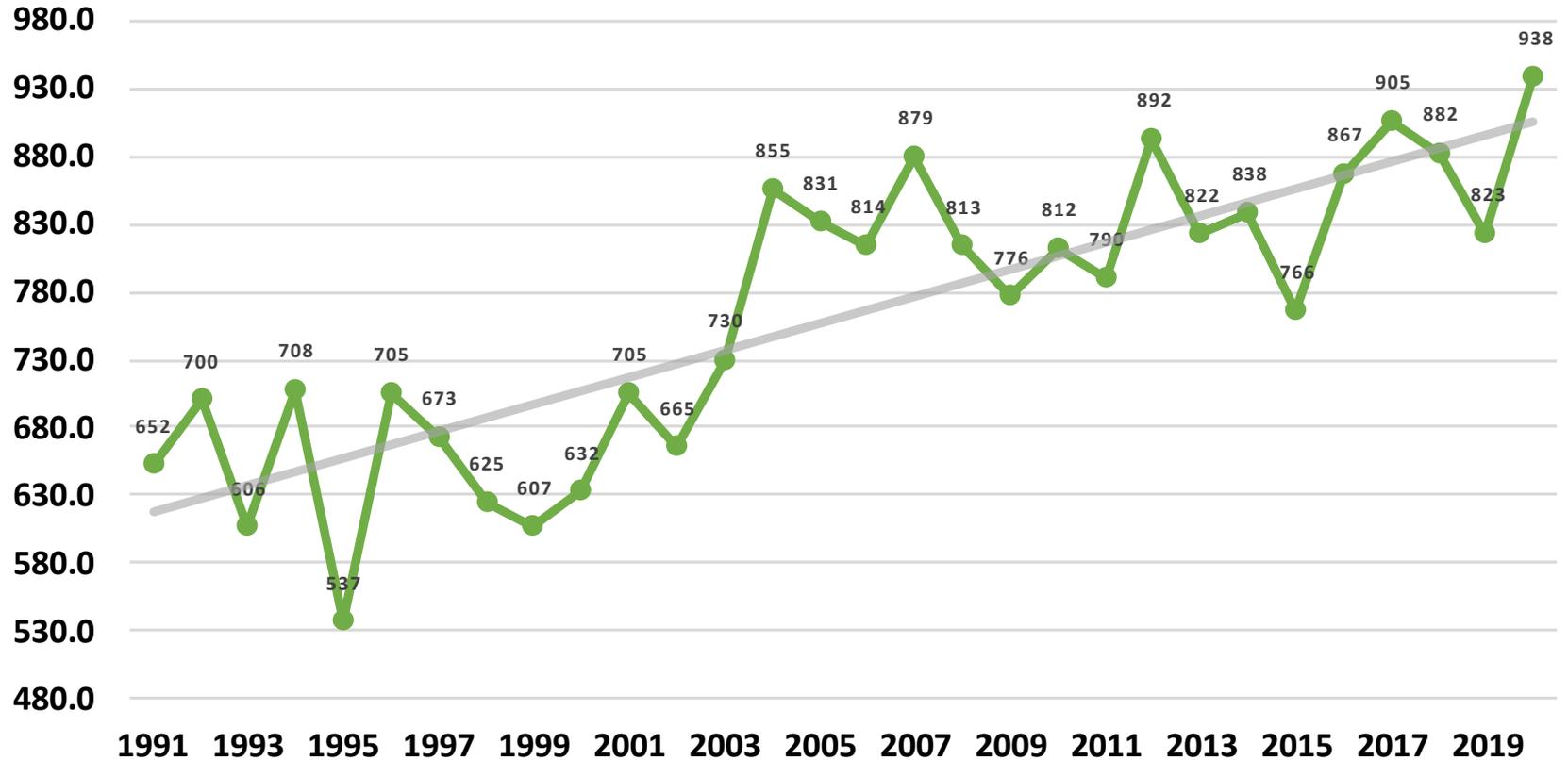
Top 5 States - By Production										
	Planted		Harvested		Yield		Production			
	<small>(1,000 Acres)</small>	<small>% Δ PY</small>	<small>(1,000 Acres)</small>	<small>% Δ PY</small>	<small>(Pounds/Acre)</small>	<small>% Δ PY</small>	<small>(1,000 Bales)</small>	<small>% Δ PY</small>		
Texas	6,615	↓ 6.3	3,861	↓ 26.6	774	↑ 33.9	6,223	↓ 1.8		
Georgia	1,230	↓ 12.1	1,220	↓ 11.6	1,003	↑ 5.2	2,550	↓ 6.9		
Mississippi	520	↓ 26.8	515	↓ 26.4	1,240	↑ 11.5	1,330	↓ 18.0		
Arkansas	500	↓ 19.4	490	↓ 19.7	1,195	↑ 0.8	1,220	↓ 19.0		
Alabama	470	↓ 13.0	465	↓ 12.6	981	↑ 5.7	950	↓ 7.6		



August 2020 Cotton Yield United States

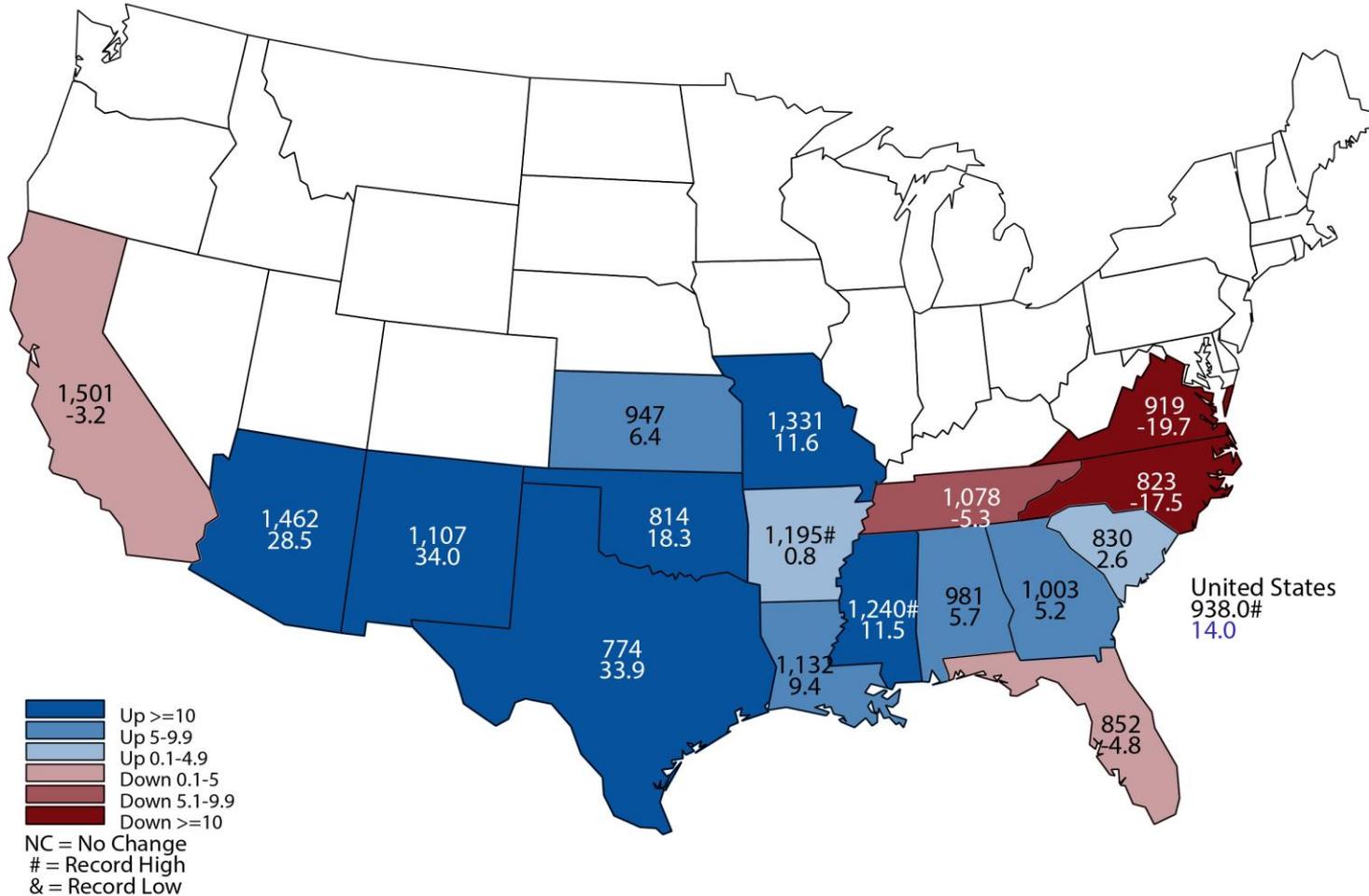


Pounds per Acre



August 2020 Cotton Yield

Pounds and Percent Change from Previous Year

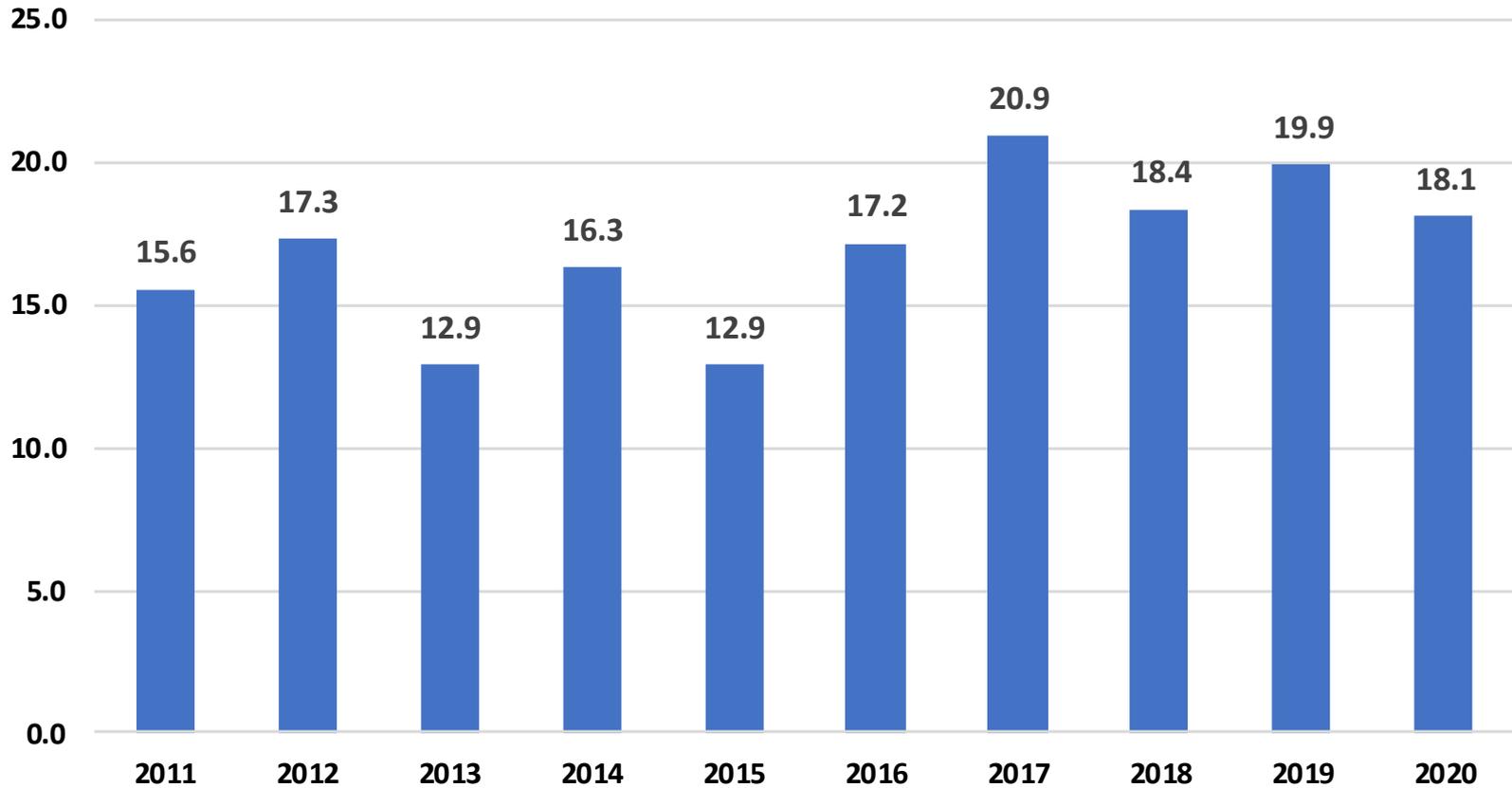




August 2020 Cotton Production United States



Million Bales





August 2020 Winter Wheat Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	30,550	23,439	51.1	1,198,362
% Change from Previous Estimate	NC	NC	↓ 1.7	↓ 1.6
% Change from Previous Season	↓ 2.0	↓ 3.7	↓ 4.7	↓ 8.1

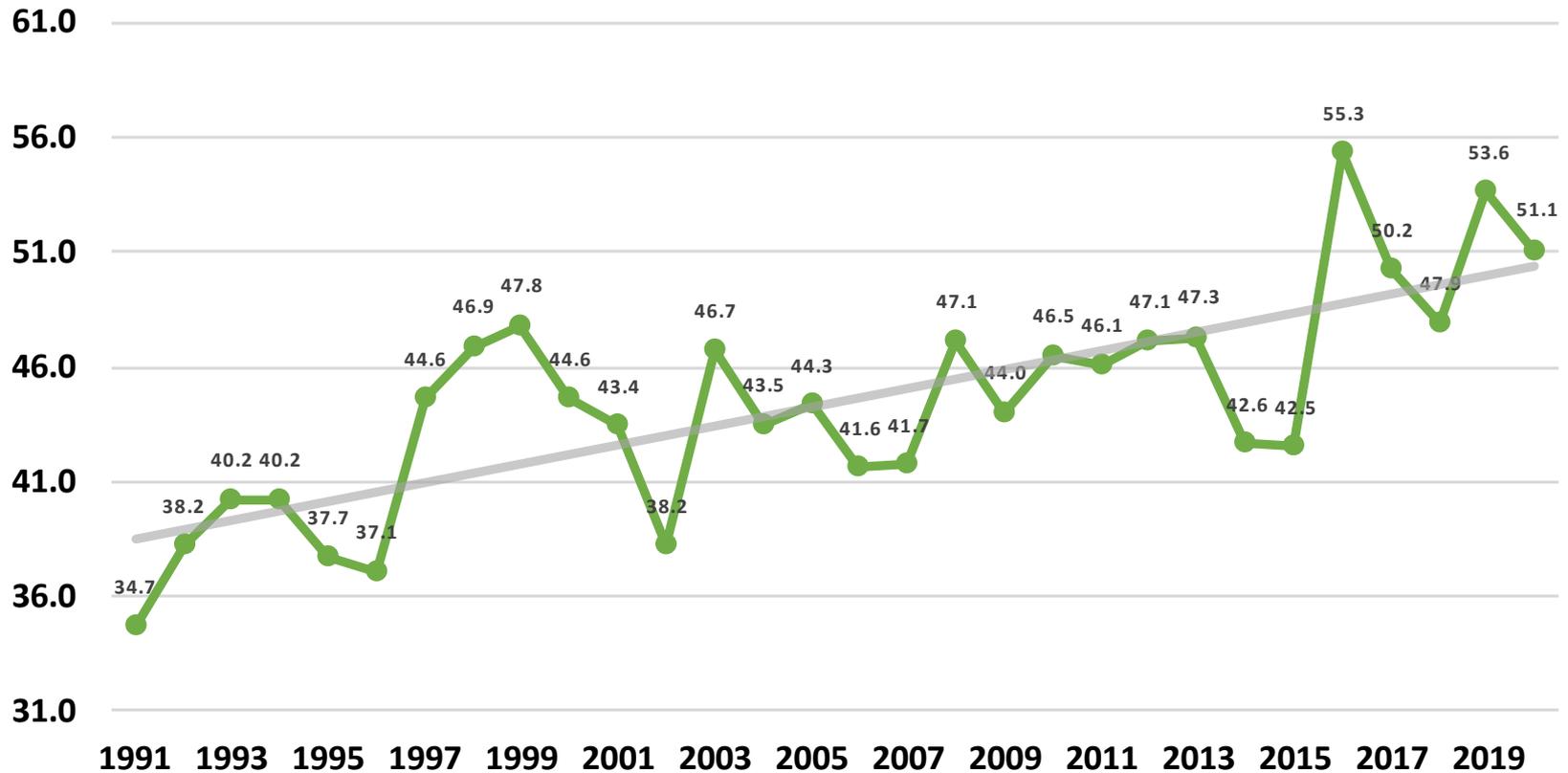
Top 5 States - By Production										
	Planted		Harvested		Yield		Production			
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Bushels/Acre)	% Δ PY	(1,000 Bushels)	% Δ PY		
Kansas	6,700	↓ 2.9	6,400	↓ 1.5	46.0	↓ 11.5	294,400	↓ 12.9		
Washington	1,700	↓ 2.9	1,650	↓ 2.9	74.0	↑ 5.7	122,100	↑ 2.6		
Oklahoma	4,300	↑ 2.4	2,700	↓ 1.8	42.0	↑ 5.0	113,400	↑ 3.1		
Montana	1,550	↓ 22.5	1,450	↓ 23.7	52.0	↑ 4.0	75,400	↓ 20.6		
Texas	4,800	↑ 6.7	2,100	↑ 2.4	30.0	↓ 11.8	63,000	↓ 9.6		



August 2020 Winter Wheat Yield United States

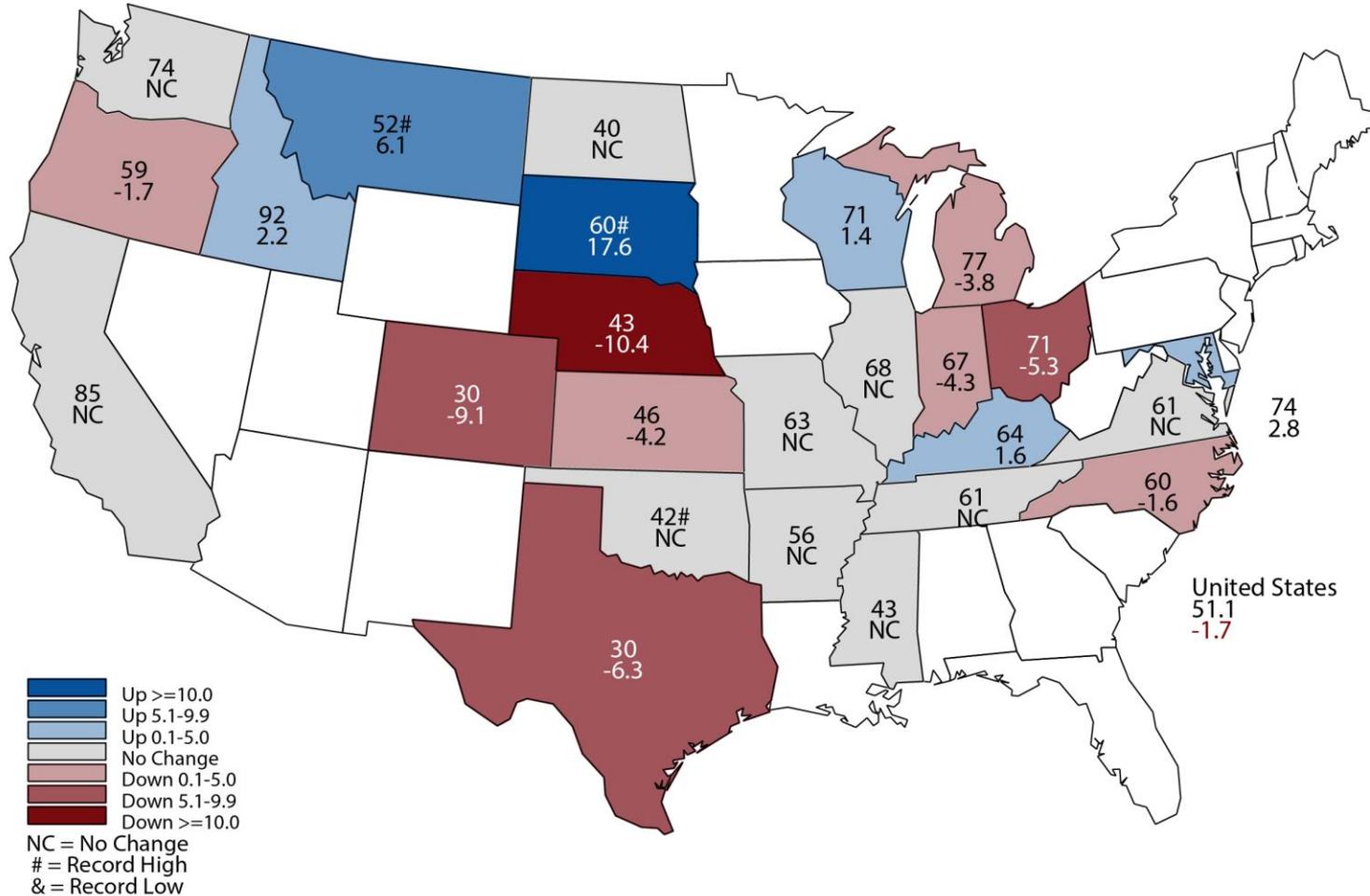


Bushels per Acre



August 2020 Winter Wheat Yield

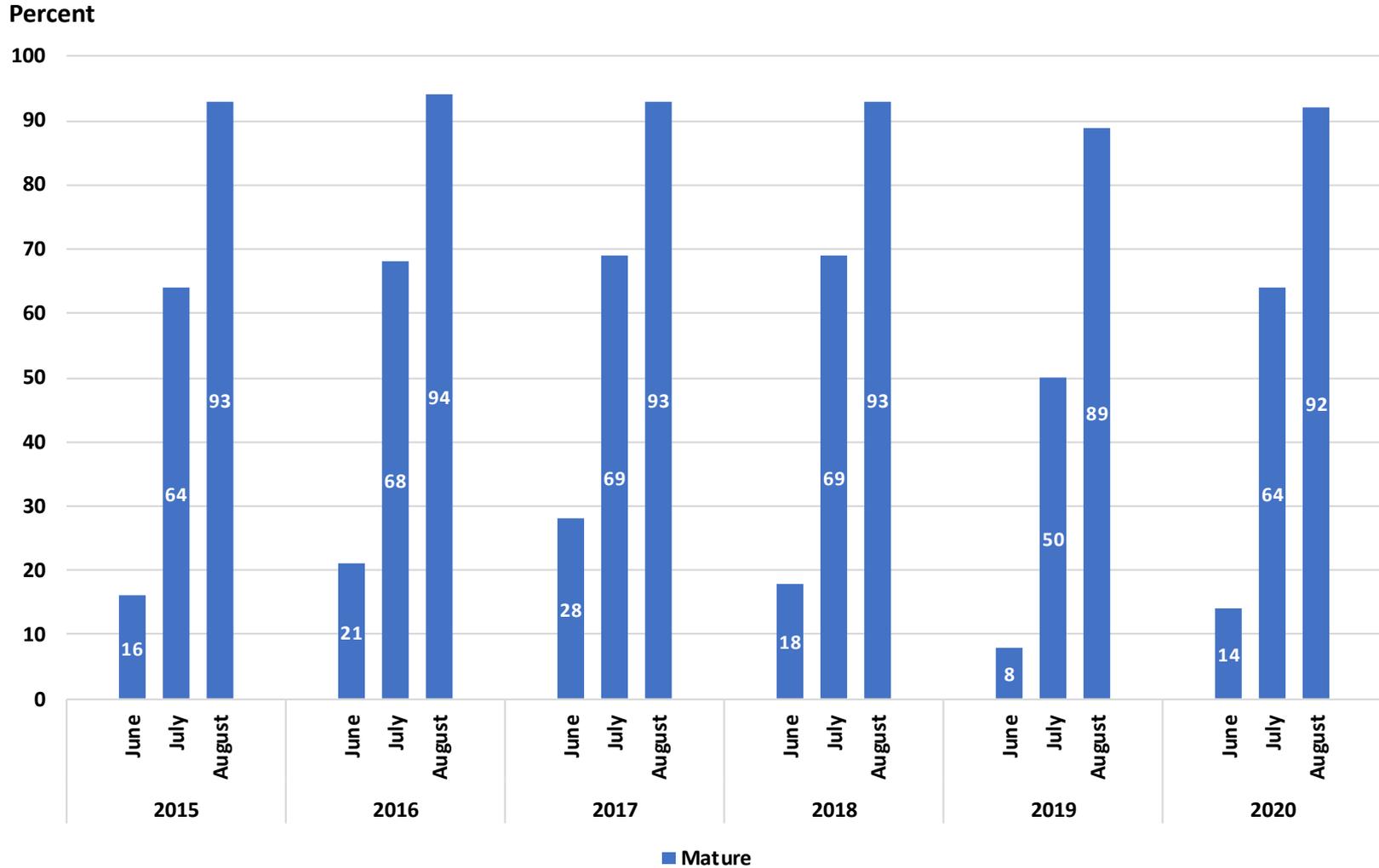
Bushels and Percent Change from Previous Month





August 2020 Winter Wheat Objective Yield

Percent of Samples Processed in the Lab





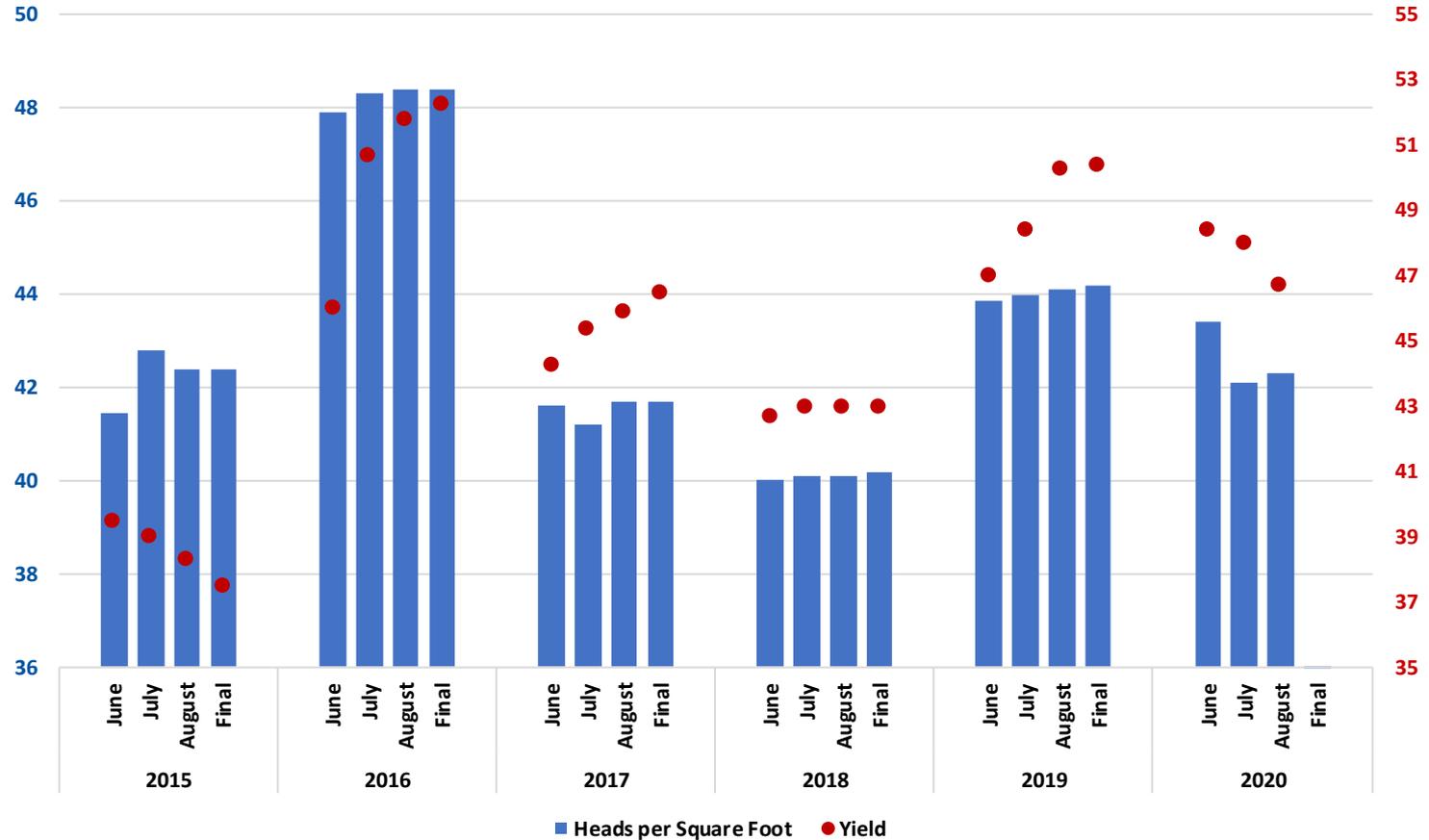
August 2020 Winter Wheat Objective Yield

Heads per Square Foot and Yield for 10 State Region



Heads per Square Foot

Bushels per Acre

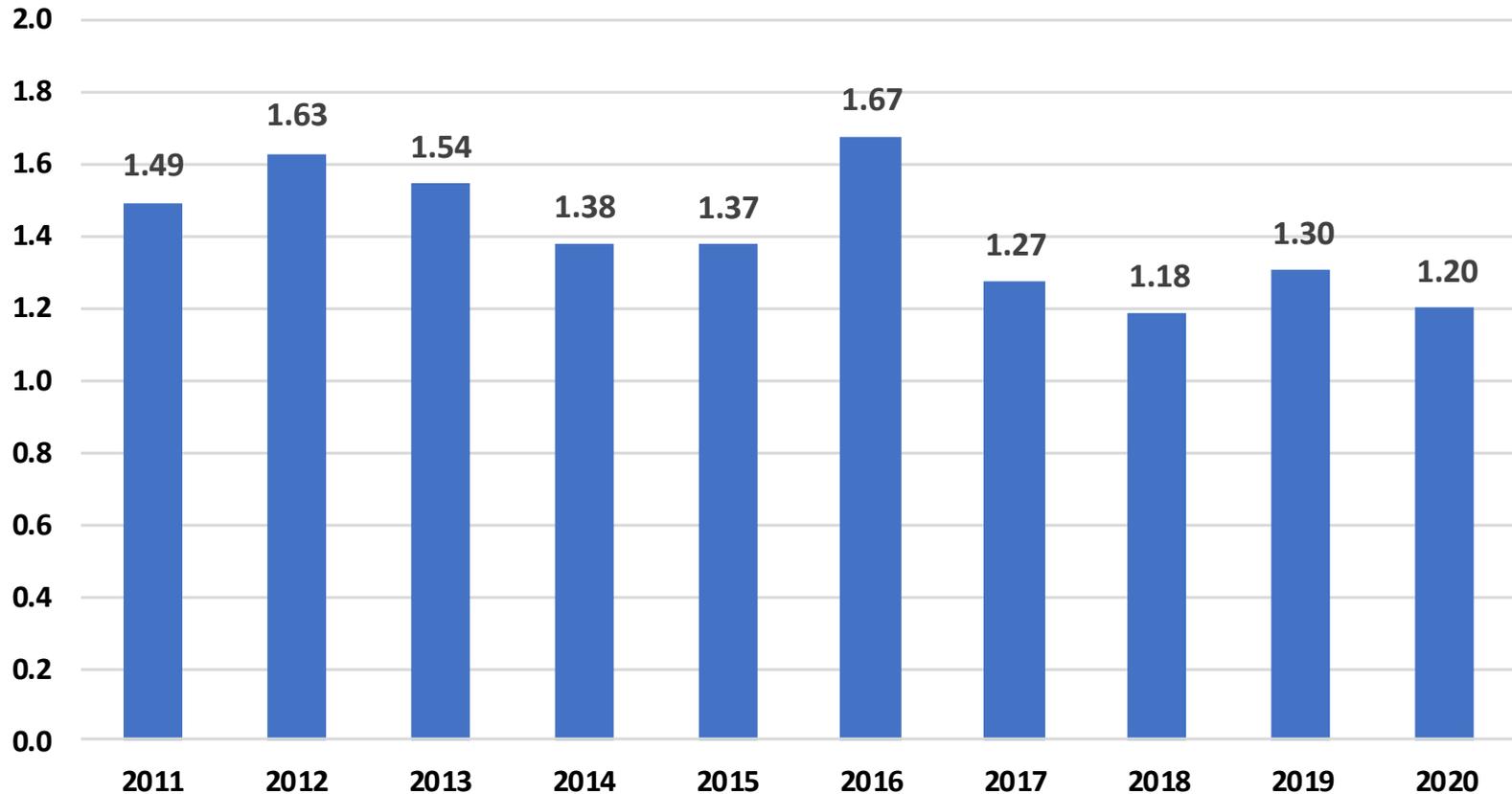




August 2020 Winter Wheat Production United States



Billion Bushels



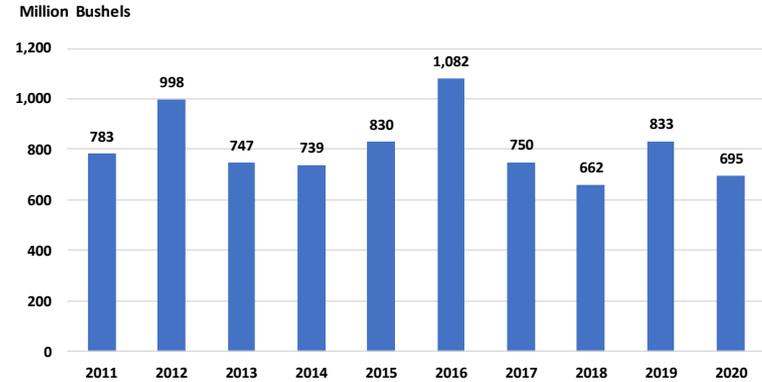


August 2020 Winter Wheat Production By Class

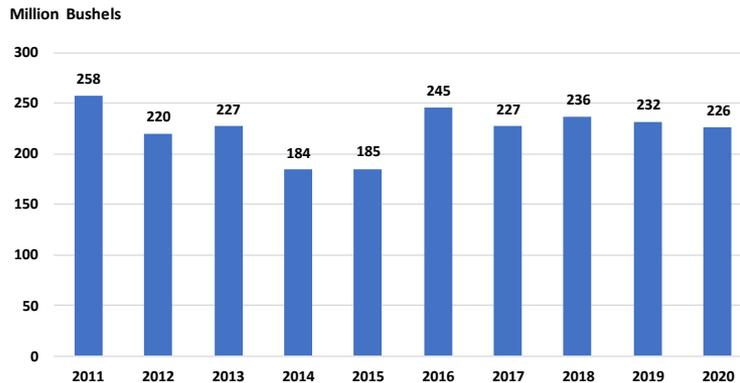


	Production (1,000 Units)	Unit
Hard Red Winter Wheat	695,365	Bu
% Change from Previous Estimate	↓ 2.1	
% Change from Previous Season	↓ 16.5	
Soft Red Winter Wheat	276,882	Bu
% Change from Previous Estimate	↓ 1.2	
% Change from Previous Season	↑ 15.8	
White Winter Wheat	226,115	Bu
% Change from Previous Estimate	↓ 0.5	
% Change from Previous Season	↓ 2.4	

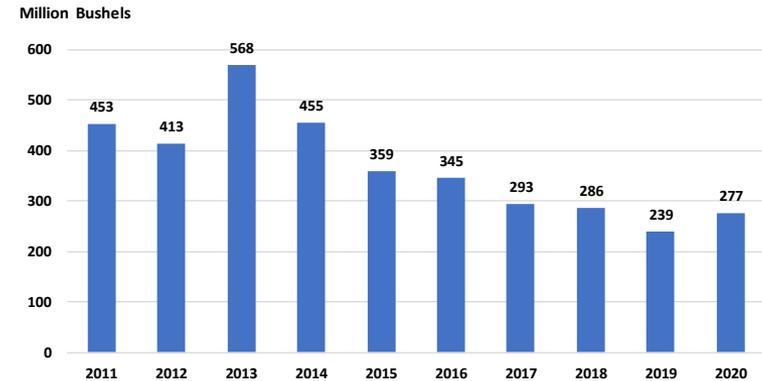
Hard Red Winter Wheat Production
United States



White Winter Wheat Production
United States



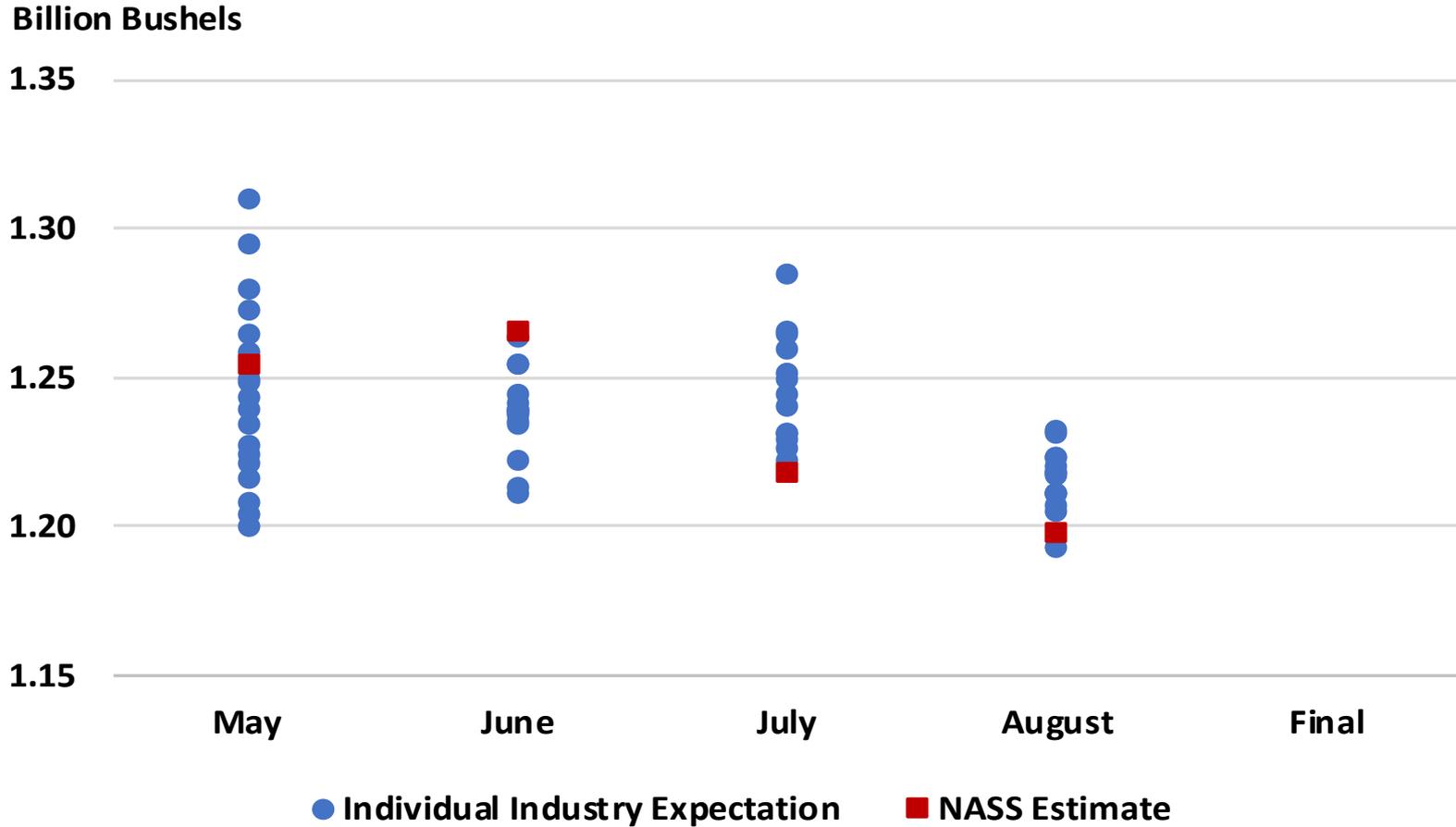
Soft Red Winter Wheat Production
United States





2020 U.S. Winter Wheat Production

Industry Expectations vs NASS





August 2020 Other Spring Wheat Acreage, Yield, and Production



	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	12,200	11,795	49.0	577,485
% Change from Previous Estimate	NC	NC	↑ 5.2	↑ 5.0
% Change from Previous Season	↓ 3.6	↑ 1.2	↑ 1.7	↑ 2.7

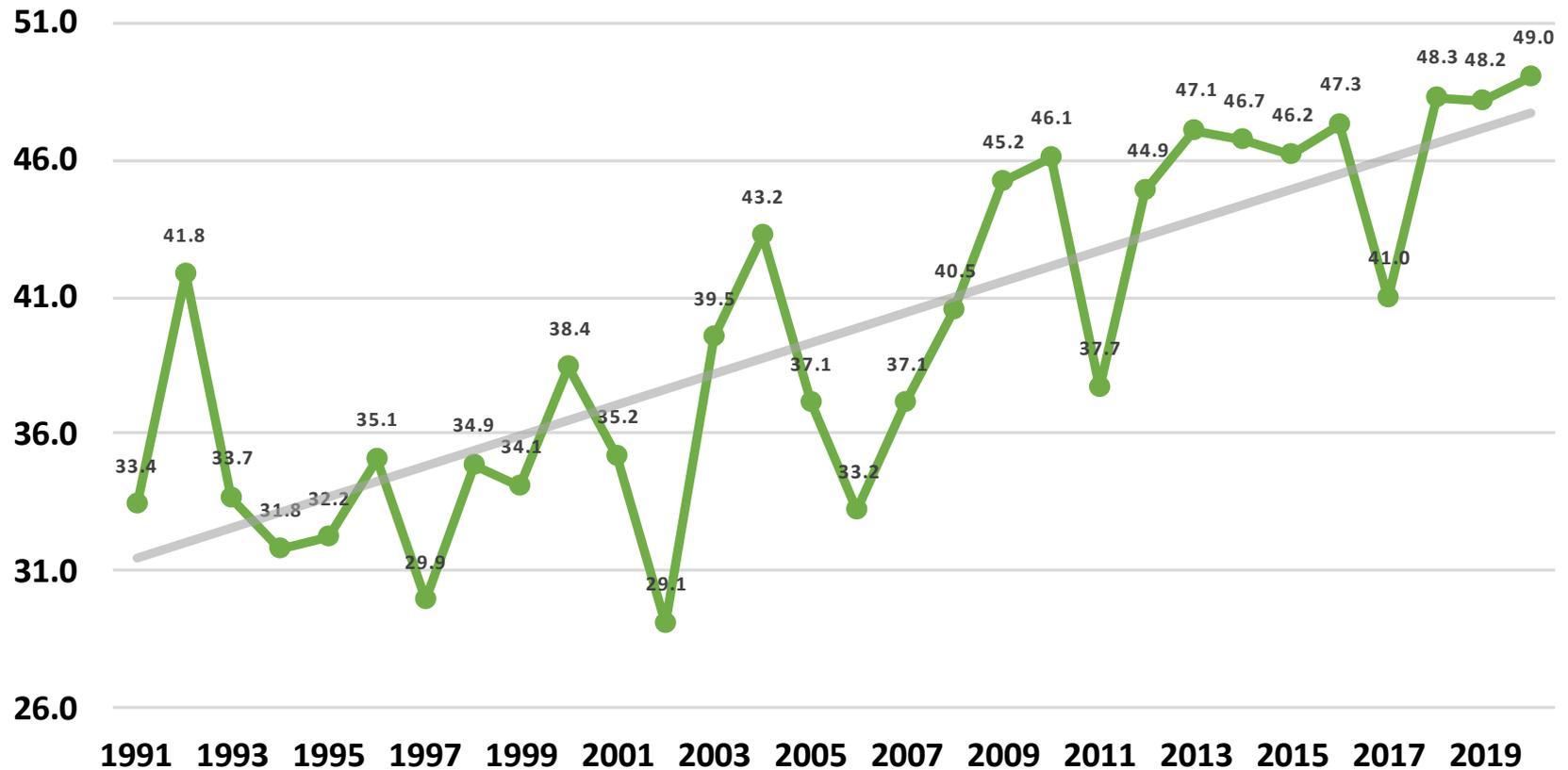
Top 5 States - By Production											
	Planted		Harvested		Yield		Production				
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Bushels/Acre)	% Δ PY	(1,000 Bushels)	% Δ PY			
North Dakota	6,000	↓ 10.4	5,850	↓ 1.7	48.0	↓ 2.0	280,800	↓ 3.7			
Montana	3,000	↑ 3.4	2,850	↑ 3.3	40.0	↑ 8.1	114,000	↑ 11.6			
Minnesota	1,300	↓ 10.3	1,260	↓ 10.0	58.0	↑ 1.8	73,080	↓ 8.4			
Idaho	530	↑ 15.2	510	↑ 15.9	82.0	↓ 7.9	41,820	↑ 6.8			
South Dakota	850	↑ 32.8	815	↑ 34.7	45.0	↑ 4.7	36,675	↑ 41.0			



August 2020 Other Spring Wheat Yield United States

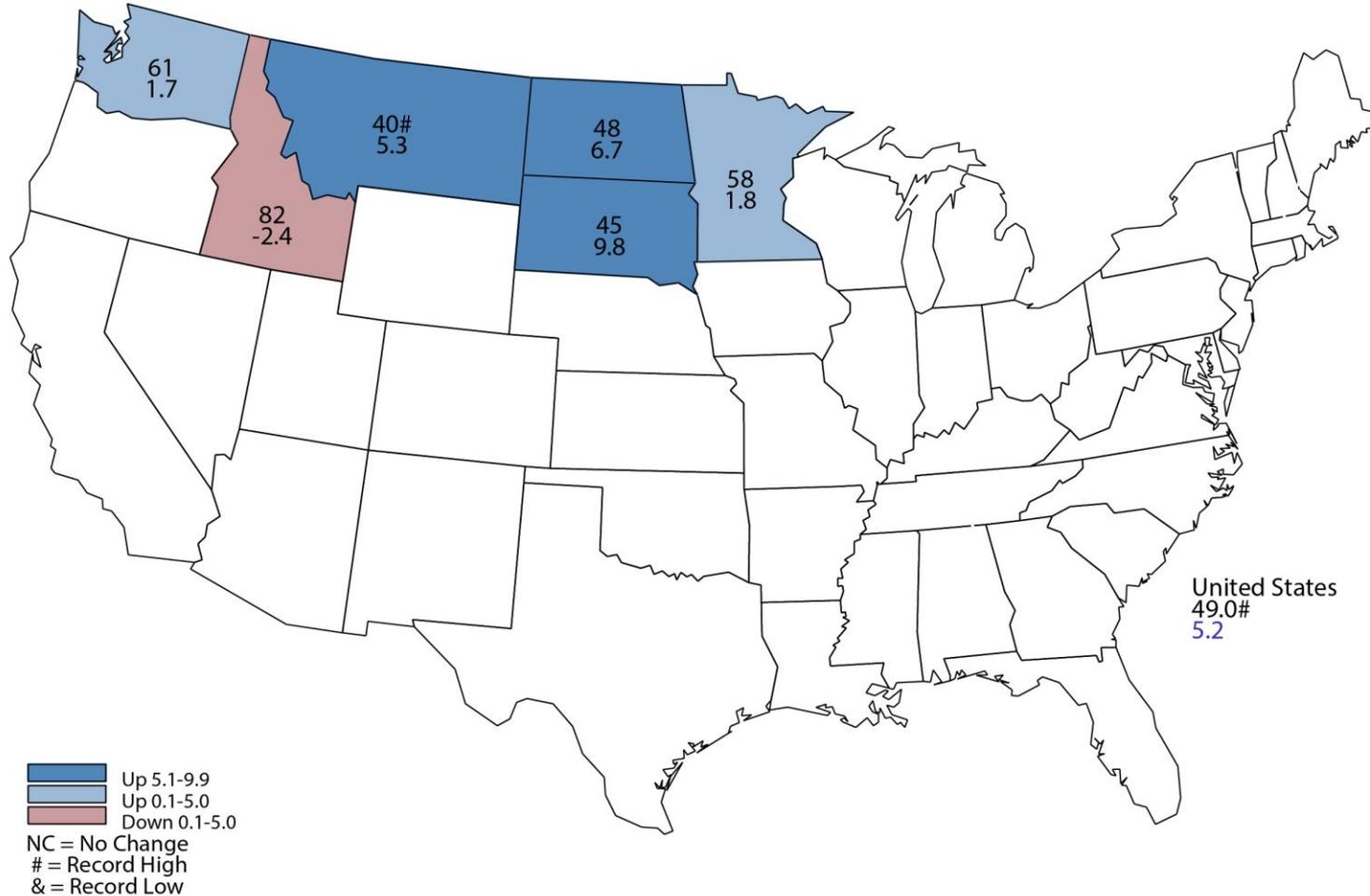


Bushels per Acre



August 2020 Other Spring Wheat Yield

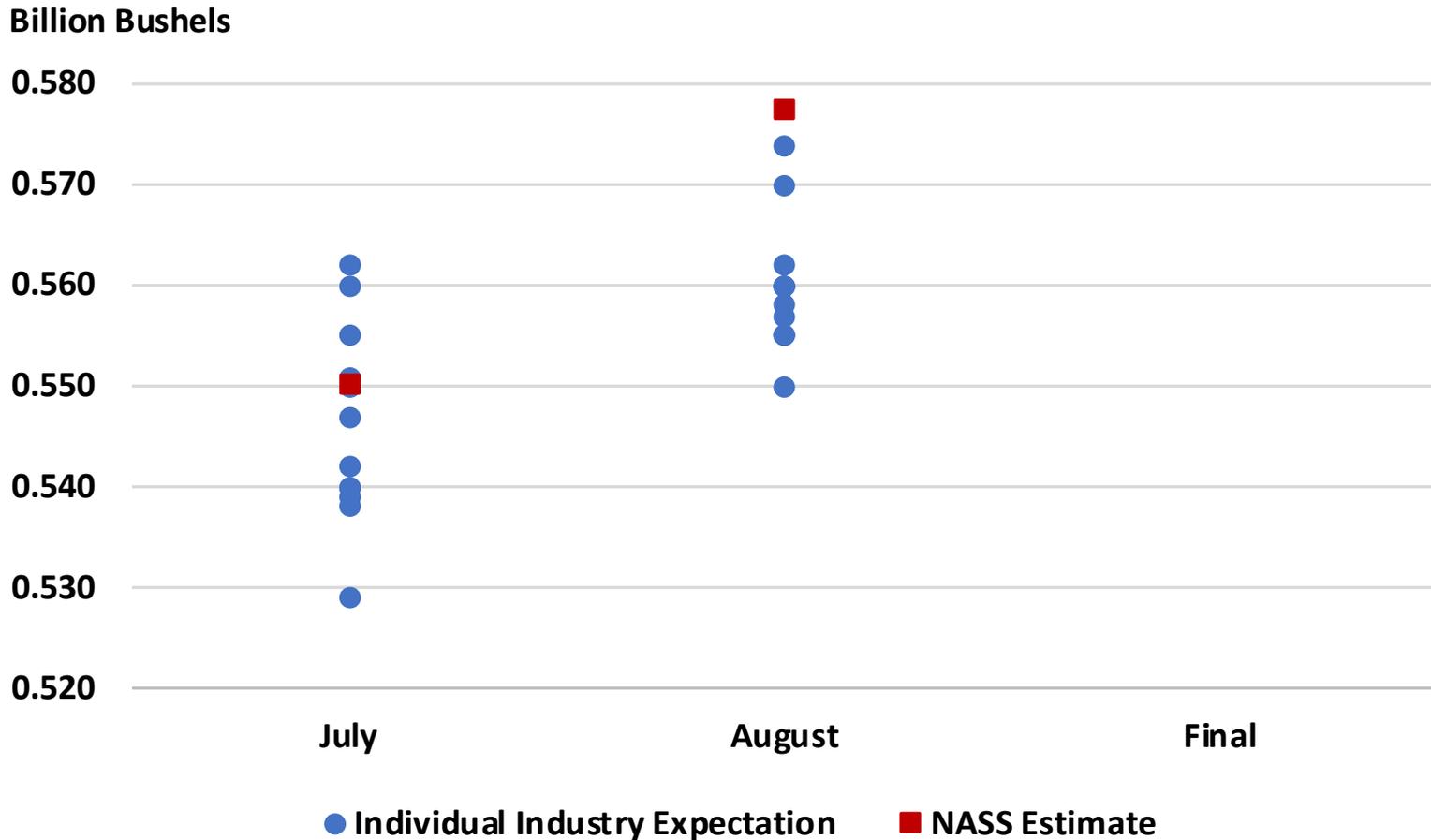
Bushels and Percent Change from Previous Month





2020 U.S. Other Spring Wheat Production

Industry Expectations vs NASS





August 2020 Durum Wheat Acreage, Yield, and Production

	Planted <small>(1,000 Acres)</small>	Harvested <small>(1,000 Acres)</small>	Yield <small>(Bushels/Acre)</small>	Production <small>(1,000 Bushels)</small>
United States	1,500	1,444	42.8	61,790
% Change from Previous Estimate	NC	NC	↑ 11.2	↑ 11.2
% Change from Previous Season	↑ 12.0	↑ 22.9	↓ 6.3	↑ 14.9

Top 5 States - By Production

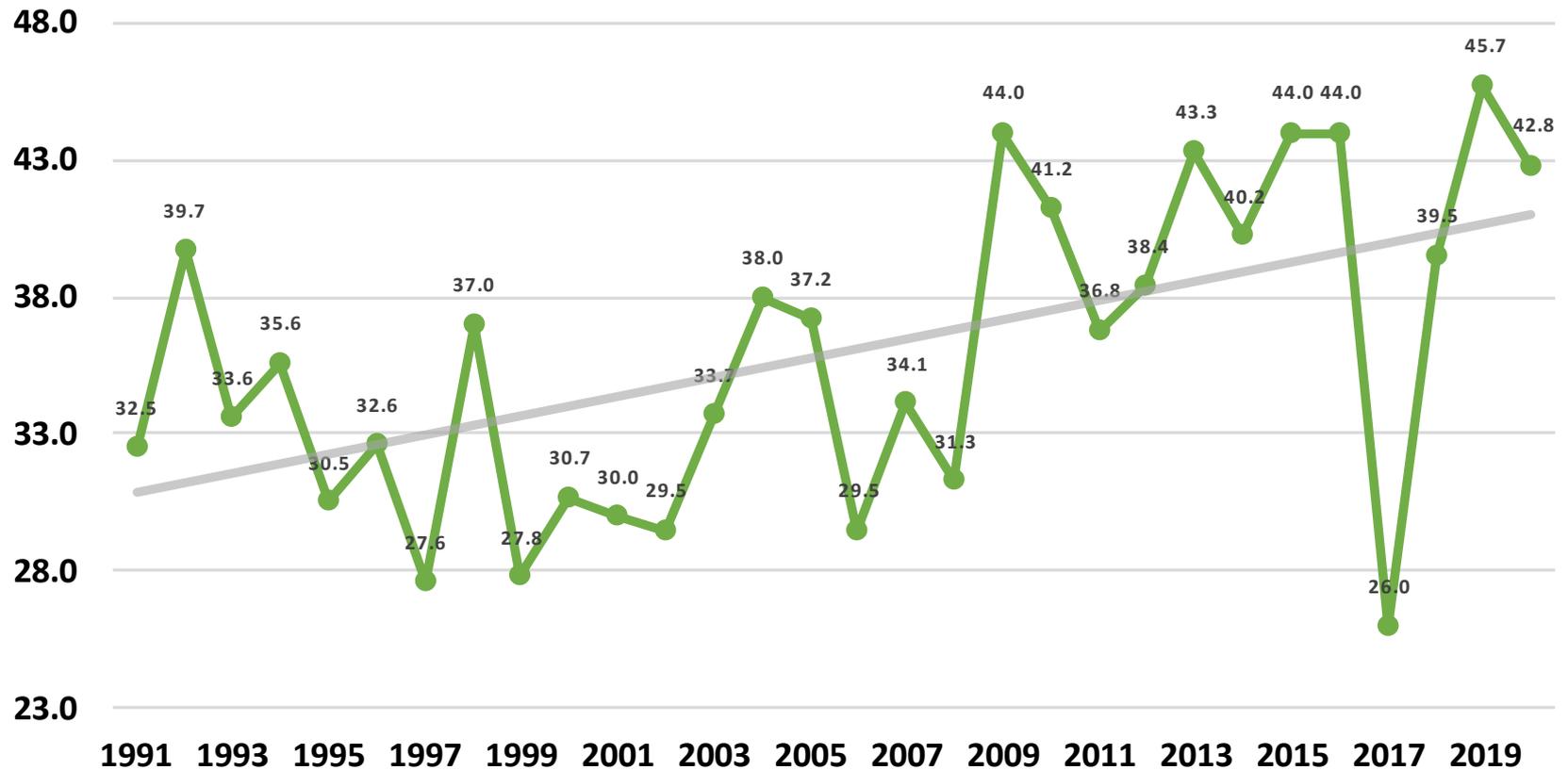
	Planted		Harvested		Yield		Production	
	<small>(1,000 Acres)</small>	<small>% Δ PY</small>	<small>(1,000 Acres)</small>	<small>% Δ PY</small>	<small>(Bushels/Acre)</small>	<small>% Δ PY</small>	<small>(1,000 Bushels)</small>	<small>% Δ PY</small>
North Dakota	790	↑ 9.7	770	↑ 28.3	40.0	↓ 5.9	30,800	↑ 20.8
Montana	610	↑ 10.9	590	↑ 14.6	38.0	↓ 11.6	22,420	↑ 1.2
Arizona	55	↑ 61.8	52	↑ 57.6	110.0	↑ 5.8	5,720	↑ 66.7
California	35	↑ 16.7	22	NC	90.0	↓ 11.8	1,980	↓ 11.8
Idaho	10	↑ 100.0	10	↑ 100.0	87.0	NC	870	↑ 100.0



August 2020 Durum Wheat Yield United States

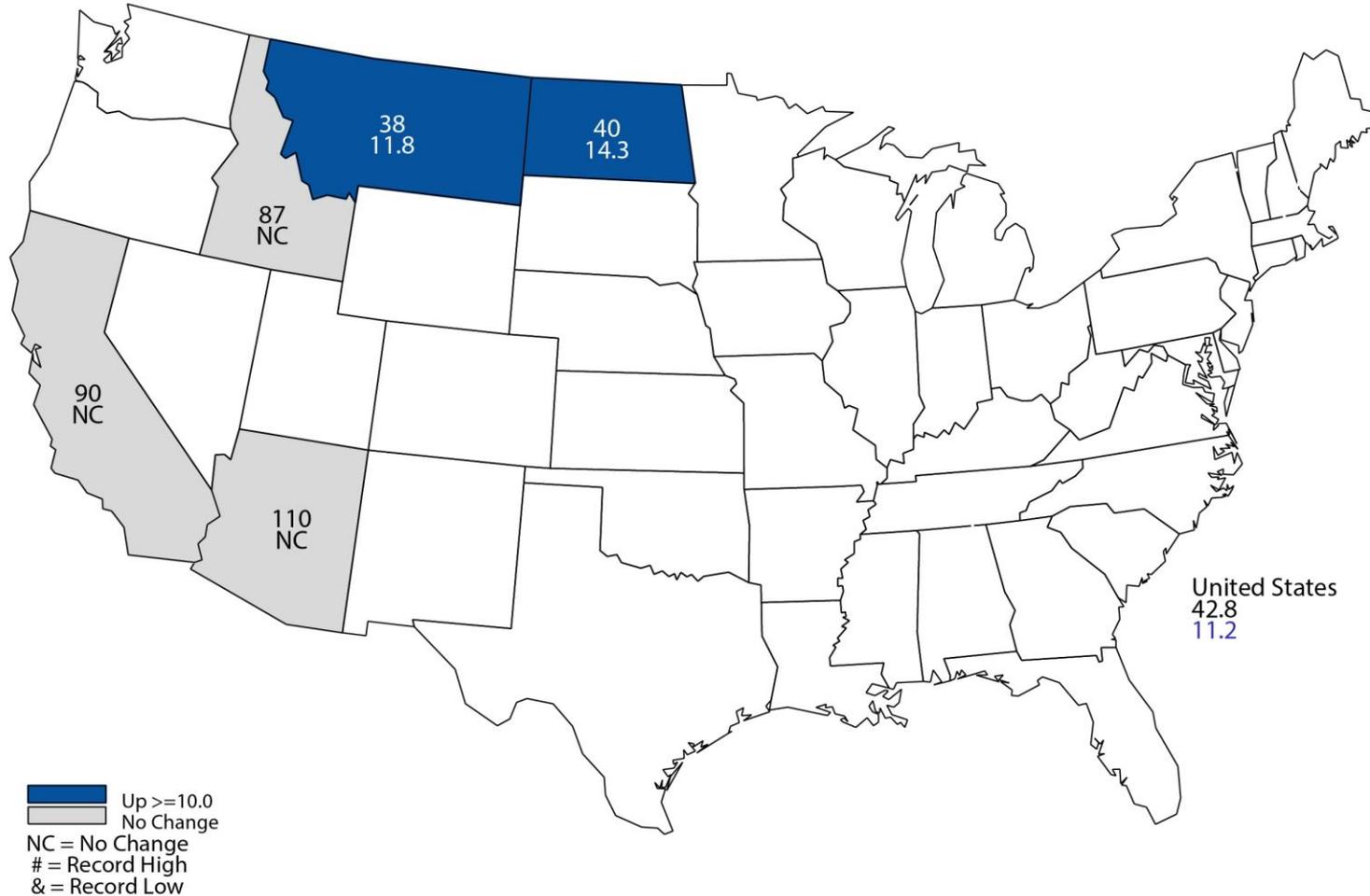


Bushels per Acre



August 2020 Durum Wheat Yield

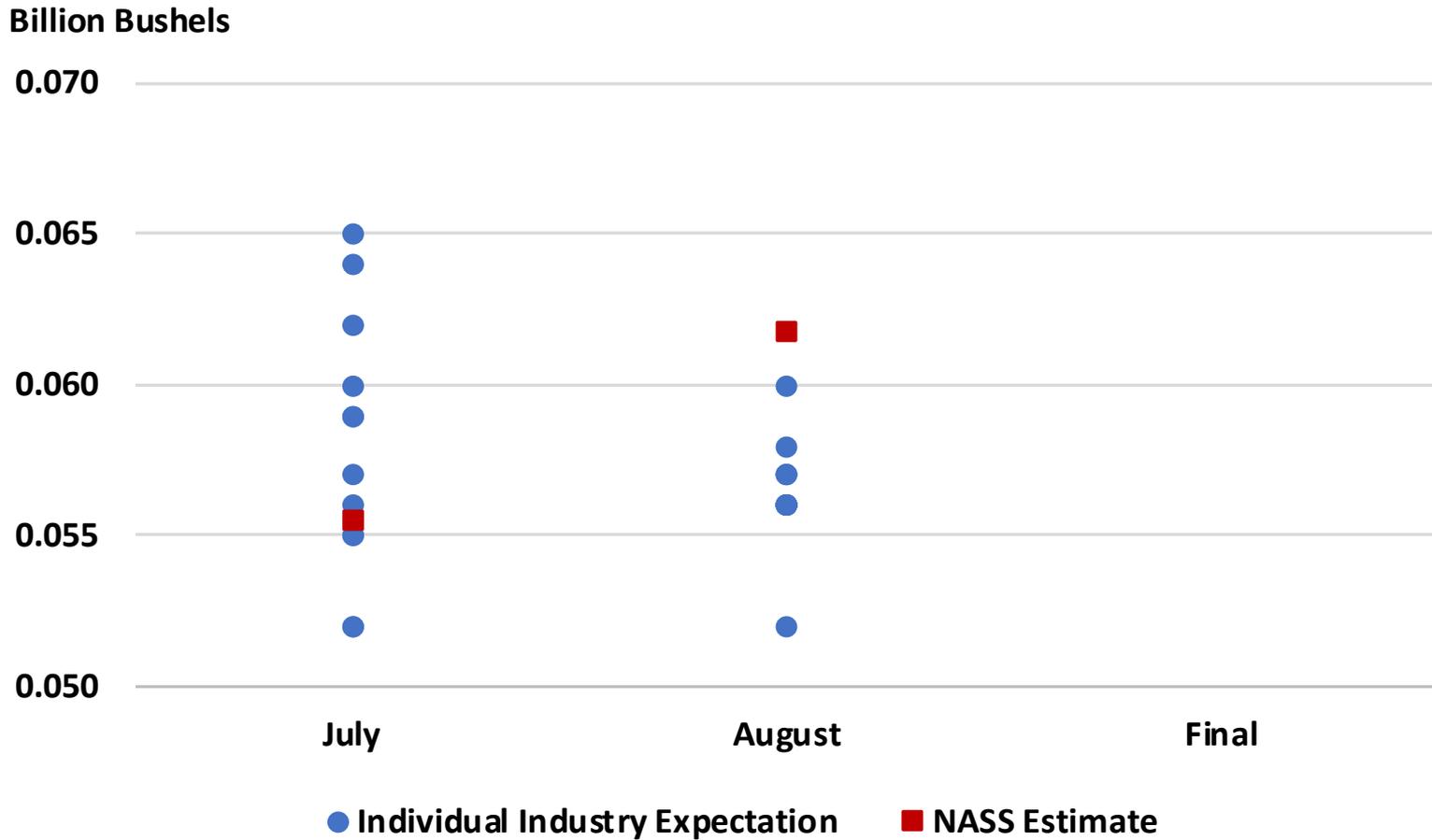
Bushels and Percent Change from Previous Month





2020 U.S. Durum Wheat Production

Industry Expectations vs NASS





August 2020 Field Crops Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Barley	2,797	2,232	78.8	Bu	175,917	Bu
% Change from Previous Estimate	NC	NC	↑ 3.5		↑ 3.6	
% Change from Previous Season	↑ 2.8	↑ 2.3	↑ 1.4		↑ 3.7	
Pima Cotton	195	190	1,402	Lb	555	Bale
% Change from Previous Estimate	NC	N/A	N/A		N/A	
% Change from Previous Season	↓ 14.7	↓ 15.0	↓ 4.8		↓ 19.1	
Upland Cotton	11,990	9,057	929	Lb	17,525	Bale
% Change from Previous Estimate	NC	N/A	N/A		N/A	
% Change from Previous Season	↓ 11.2	↓ 20.5	↑ 14.7		↓ 8.9	
Dry Edible Beans	1,628	1,571	2,088	Lb	32,807	Cwt
% Change from Previous Estimate	↑ 2.5	↑ 2.5	N/A		N/A	
% Change from Previous Season	↑ 26.5	↑ 33.5	↑ 18.0		↑ 57.6	
Alfalfa Hay	N/A	16,352	3.16	Ton	51,660	Ton
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↓ 2.3	↓ 3.7		↓ 5.9	
Other Hay	N/A	36,029	2.04	Ton	73,590	Ton
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↑ 1.0	↓ 1.4		↓ 0.5	



August 2020 Field Crops Acreage, Yield, and Production



	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Hops	N/A	59.2	1,982	Lb	117,229	Lb
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↑ 4.6	↑ 0.1		↑ 4.6	
Oats	3,134	998	65.0	Bu	64,907	Bu
% Change from Previous Estimate	NC	NC	↓ 0.3		↓ 0.2	
% Change from Previous Season	↑ 11.5	↑ 20.8	↑ 1.1		↑ 22.1	
Peanuts	1,514	1,473	4,218	Lb	6,213,200	Lb
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 6.0	↑ 5.8	↑ 6.8		↑ 13.0	
Rice	2,921	2,870	7,600	Lb	218,112	Cwt
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 15.0	↑ 16.1	↑ 1.7		↑ 18.1	
Sorghum	5,620	4,845	76.6	Bu	371,055	Bu
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 6.7	↑ 3.6	↑ 4.9		↑ 8.7	



August 2020 Field Crops Acreage, Yield, and Production



	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Sugarbeets	1,148	1,127	31.4	Ton	35,393	Ton
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 1.4	↑ 15.1	↑ 7.5		↑ 23.8	
Sugarcane	N/A	924	36.2	Ton	33,478	Ton
% Change from Previous Estimate	N/A	↑ 0.4	N/A		N/A	
% Change from Previous Season	N/A	↑ 1.2	↑ 3.4		↑ 4.8	
Tobacco	N/A	197	1,892	Lb	372,340	Lb
% Change from Previous Estimate	N/A	↑ 3.9	N/A		N/A	
% Change from Previous Season	N/A	↓ 13.4	↓ 8.2		↓ 20.4	
All Wheat	44,250	36,678	50.1	Bu	1,837,637	Bu
% Change from Previous Estimate	NC	NC	↑ 0.8		↑ 0.8	
% Change from Previous Season	↓ 2.0	↓ 1.3	↓ 3.1		↓ 4.3	

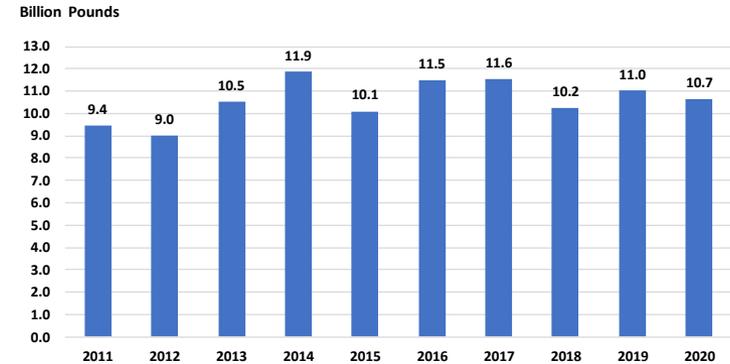


August 2020 Noncitrus Fruit Production

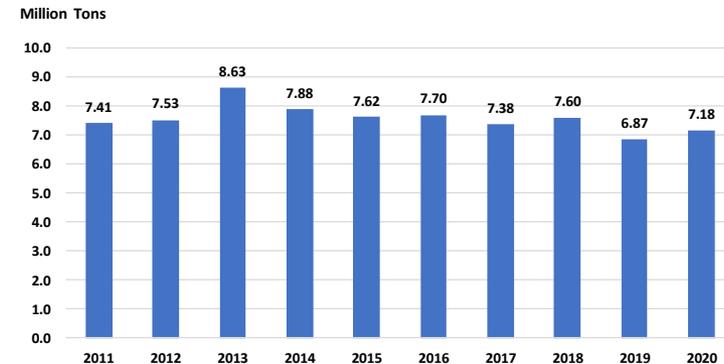


	Production (1,000 Units)	Unit
Apples	10,650,000	Lb
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 3.3	
Cranberries	8,970	Brl
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 13.3	
Grapes	7,180	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 4.5	
Peaches	646	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 5.3	
Pears	800	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 9.7	

Apple Production
United States



Grape Production
United States





Selected Upcoming Reports



August 21	Cattle on Feed Rice Stocks
August 26	Citrus Fruits
August 28	Agricultural Prices
September 1	Cotton System Fats & Oils Grain Crashings
September 11	Cotton Ginnings Crop Production

<https://www.nass.usda.gov/Publications/index.php>



STAT CHAT SERIES

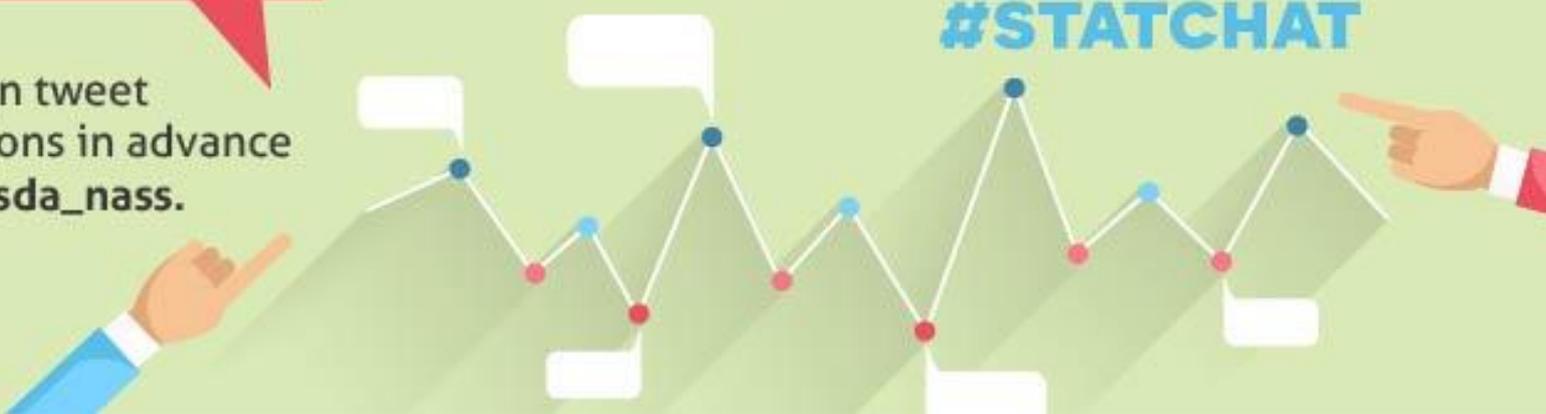
Join @usda_nass on Twitter using #StatChat to discuss the *Crop Production* report with Lance Honig.

WED, AUG. 12 @ 1PM ET



You can tweet questions in advance to @usda_nass.

#STATCHAT





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