



August Crop Production

Agricultural Statistics Board Briefing

Lance Honig, Chief
Crops Branch

August 12, 2021



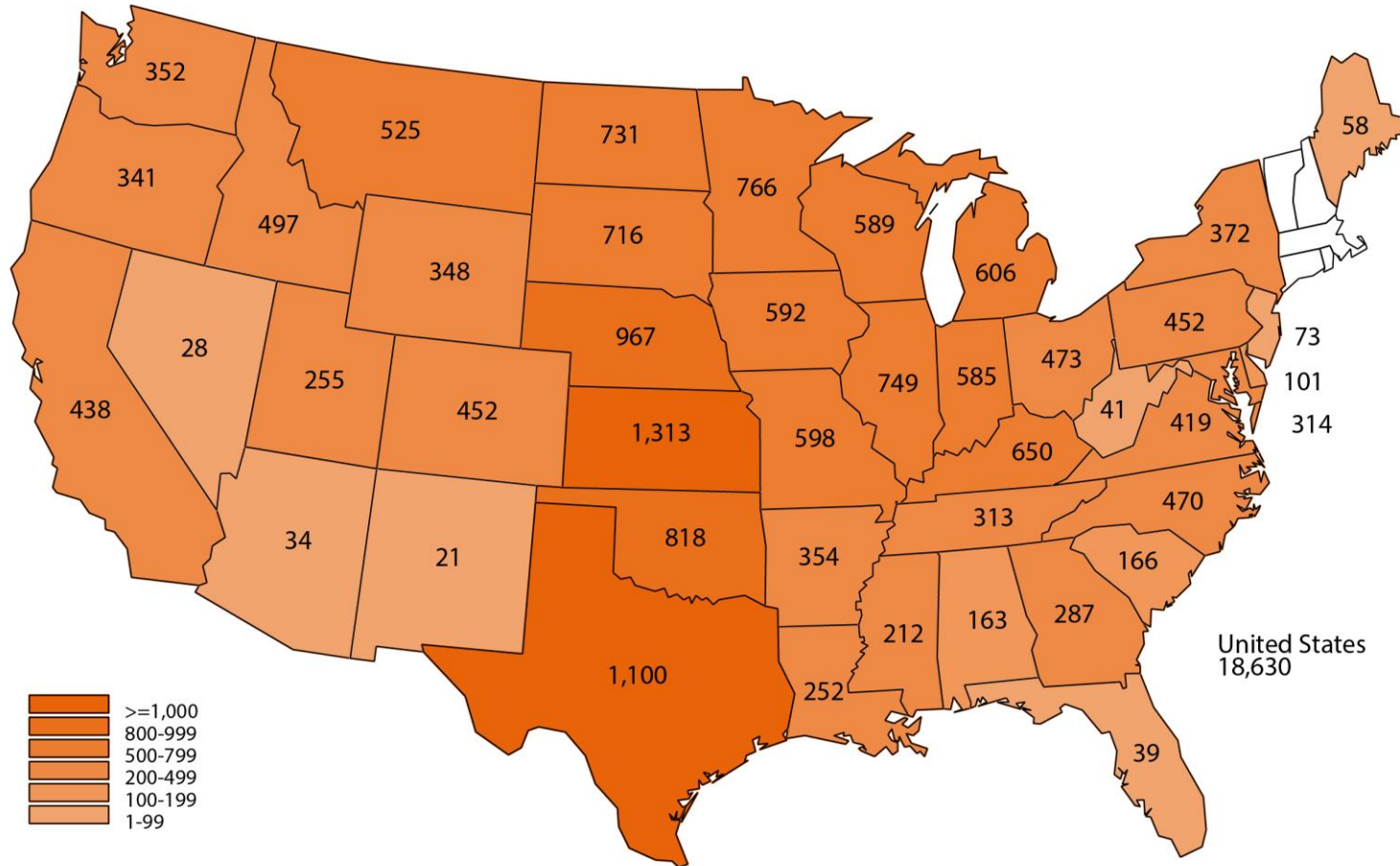
Data Sources



Operator Reported Survey	Ag Yield	Sample Size = 18,630	July 29 - 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 July 27

August 2021 Ag Yield Survey

Sample Sizes





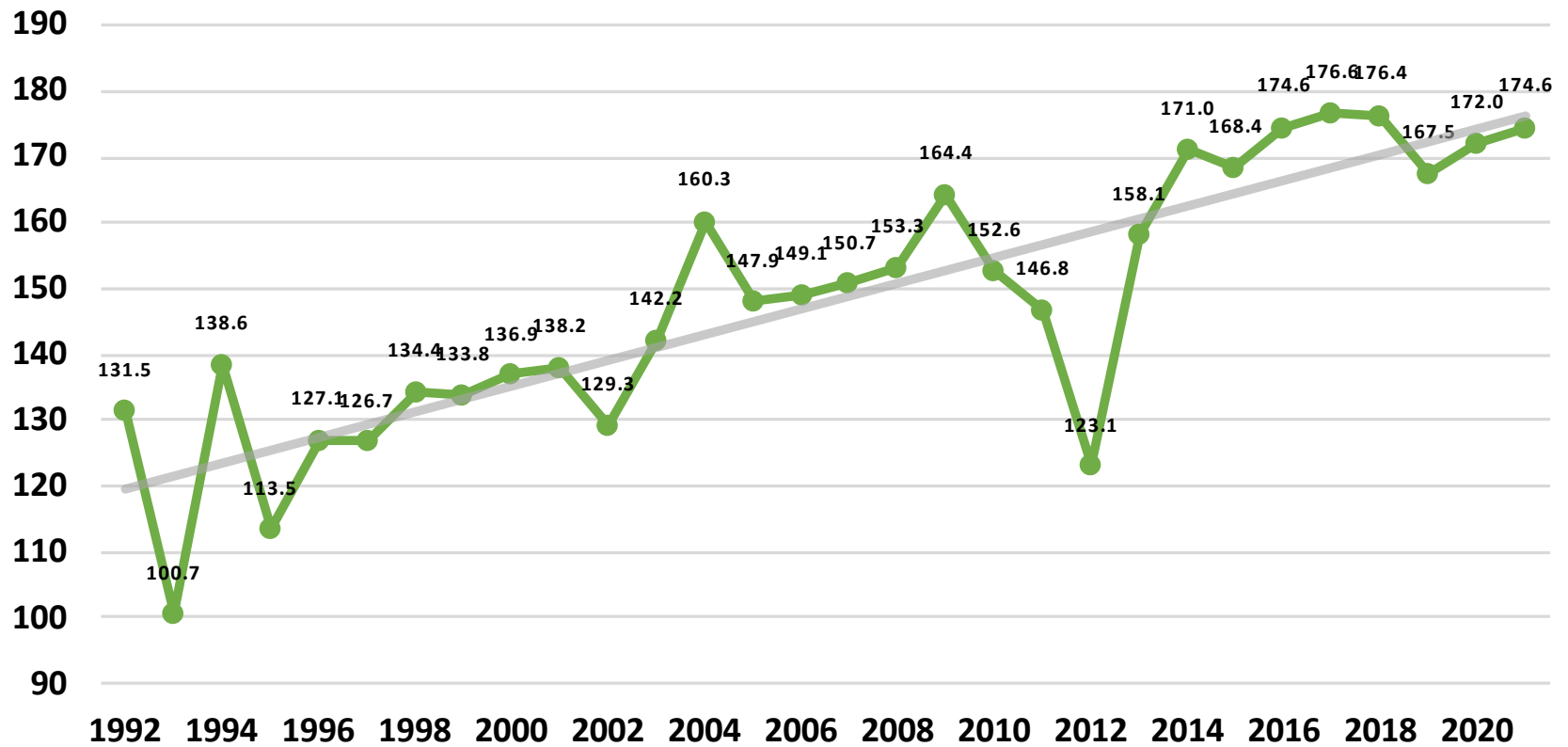
August 2021 Corn Acreage, Yield, and Production

	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
United States	92,692		84,495		174.6		14,750,368	
% Change from Previous Estimate	NC		NC		N/A		N/A	
% Change from Previous Season	↑	2.1	↑	2.5	↑	1.5	↑	4.0

	Top 5 States - By Production											
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)					
		% Δ PY		% Δ PY		% Δ PY		% Δ PY				
Iowa	13,100	↓	3.7	12,650	↓	1.9	193	↑	8.4	2,441,450	↑	6.3
Illinois	11,200	↓	0.9	11,000	↓	0.9	214	↑	11.5	2,354,000	↑	10.5
Nebraska	9,700	↓	4.9	9,400	↓	5.0	186	↑	2.8	1,748,400	↓	2.3
Minnesota	8,500	↑	6.3	8,000	↑	6.5	166	↓	13.5	1,328,000	↓	7.9
Indiana	5,400		NC	5,250		NC	194	↑	3.7	1,018,500	↑	3.7

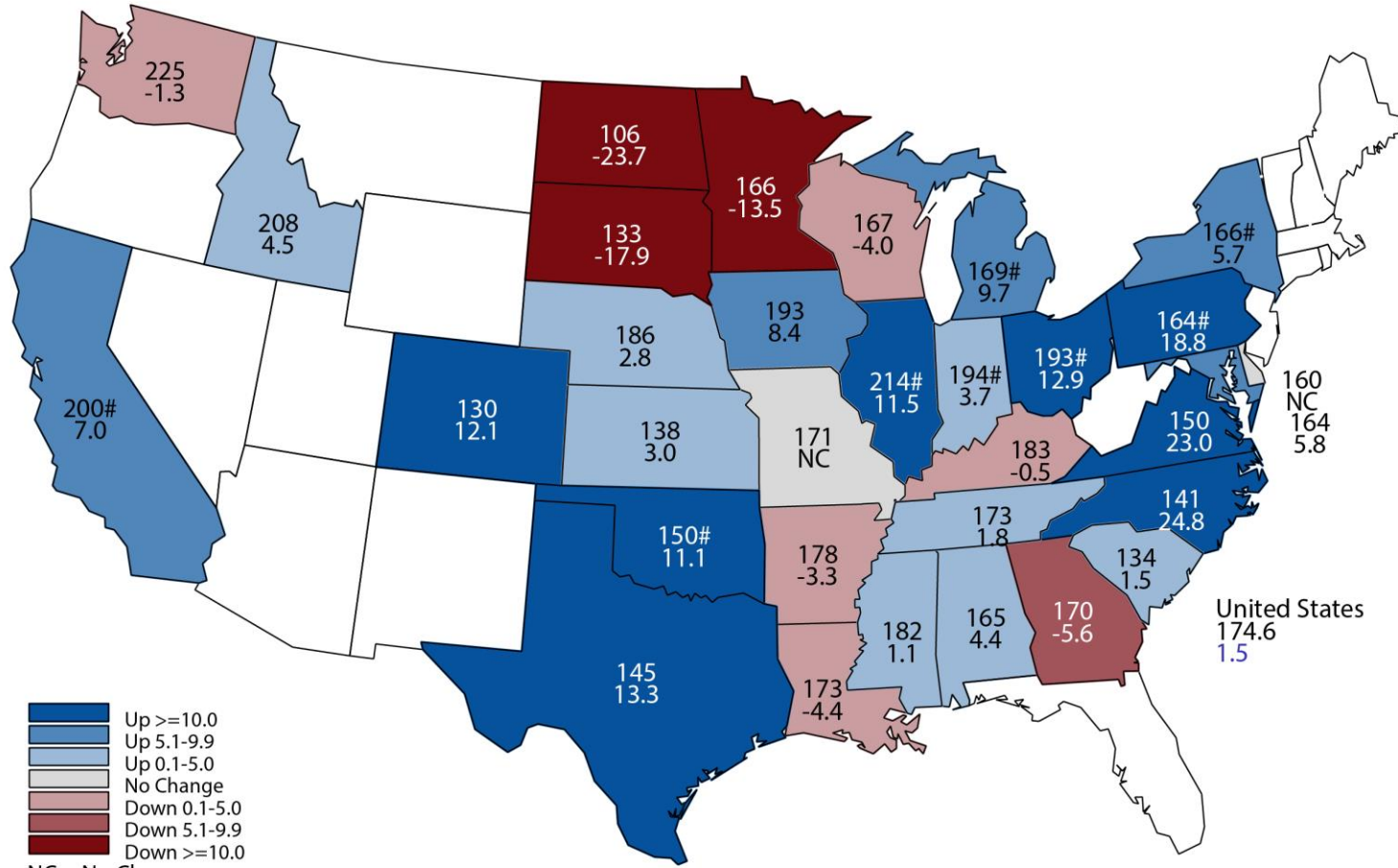
Corn Yield United States

Bushels per Acre



August 2021 Corn Yield

Bushels and Percent Change from Previous Year

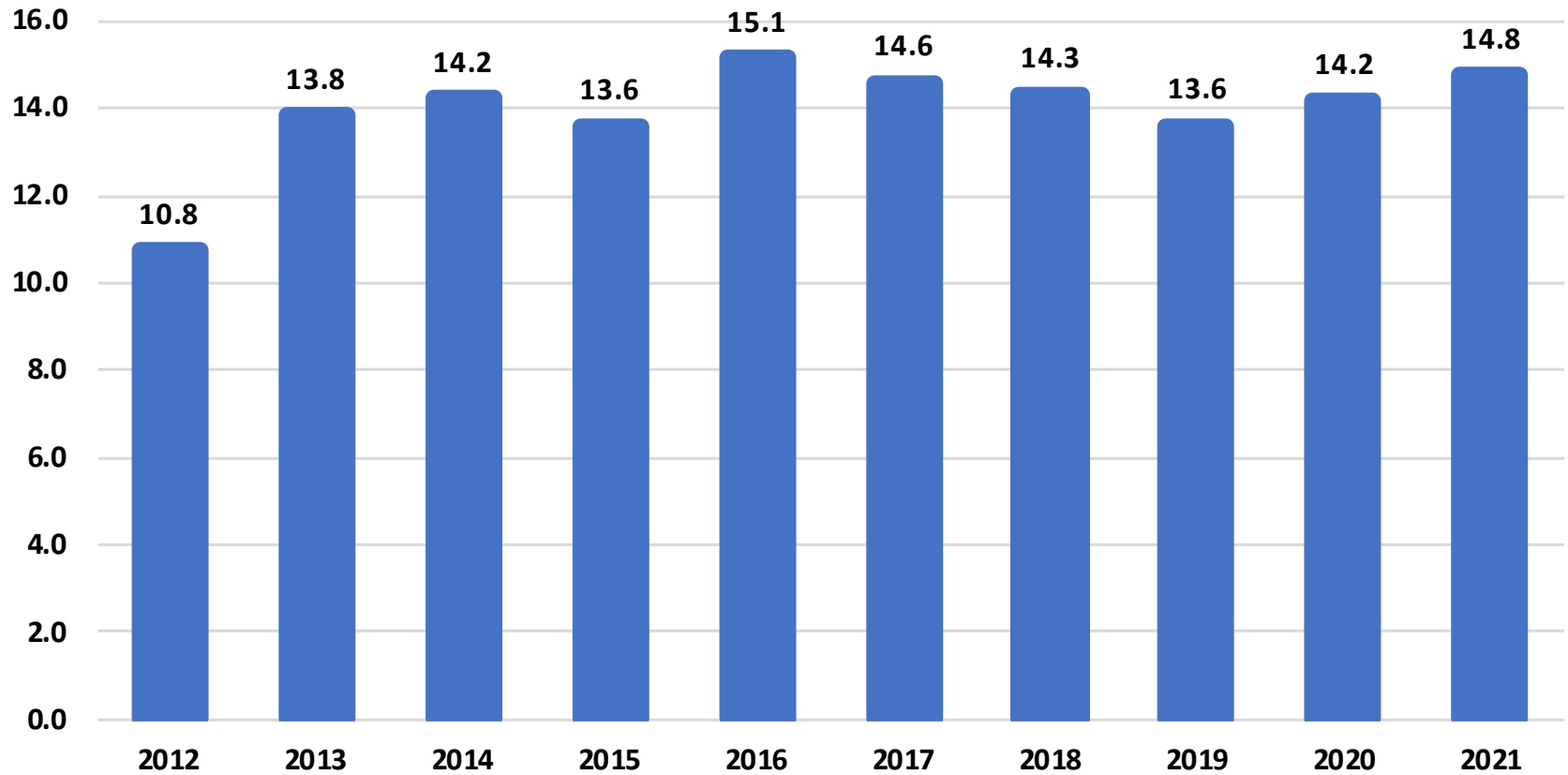


Up >=10.0
 Up 5.1-9.9
 Up 0.1-5.0
 No Change
 Down 0.1-5.0
 Down 5.1-9.9
 Down >=10.0
 NC = No Change
 # = Record High
 & = Record Low

Corn Production

United States

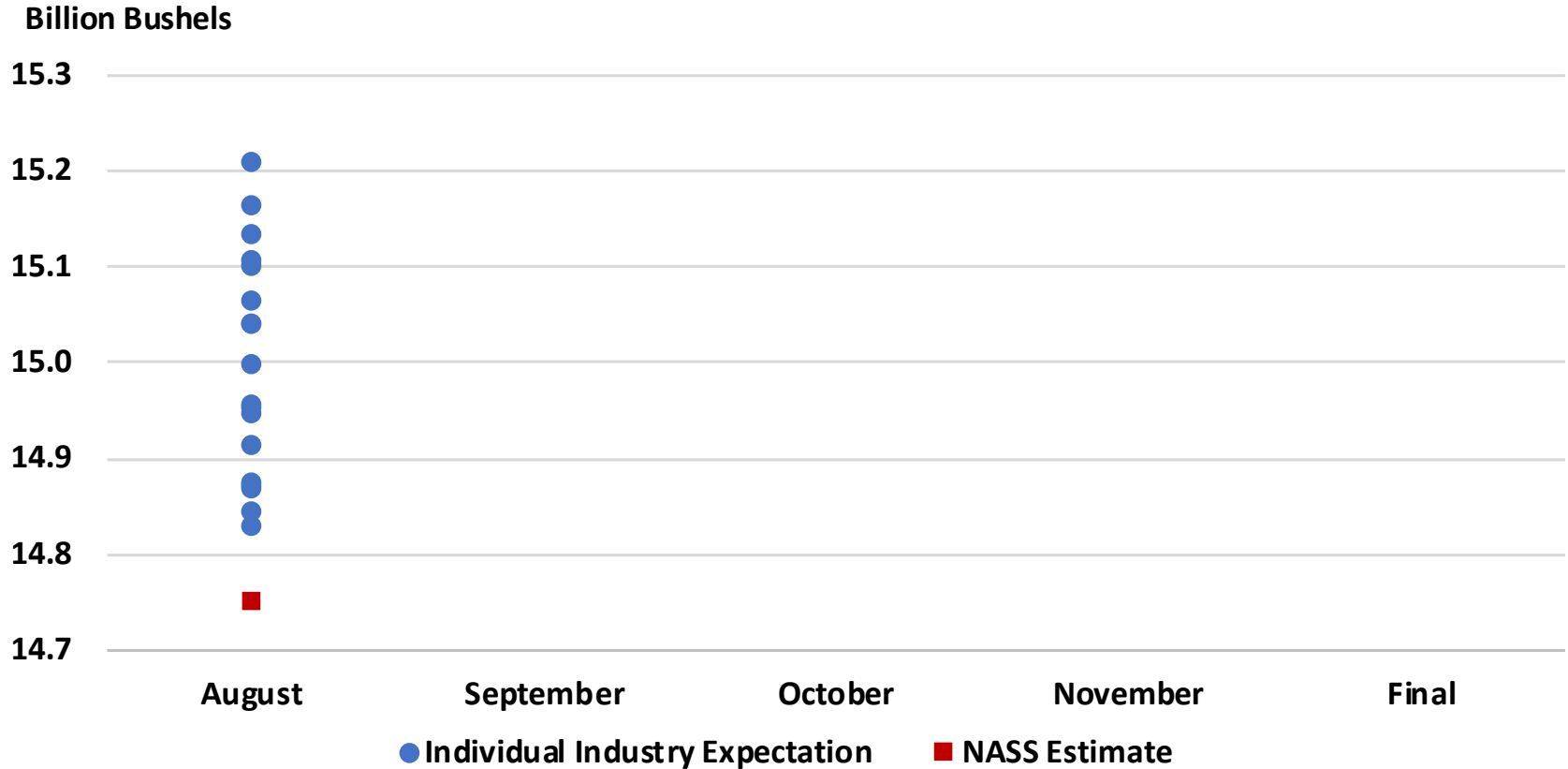
Billion Bushels





2021 U.S. Corn Production

Industry Expectations vs NASS





August 2021 Soybeans Acreage, Yield, and Production

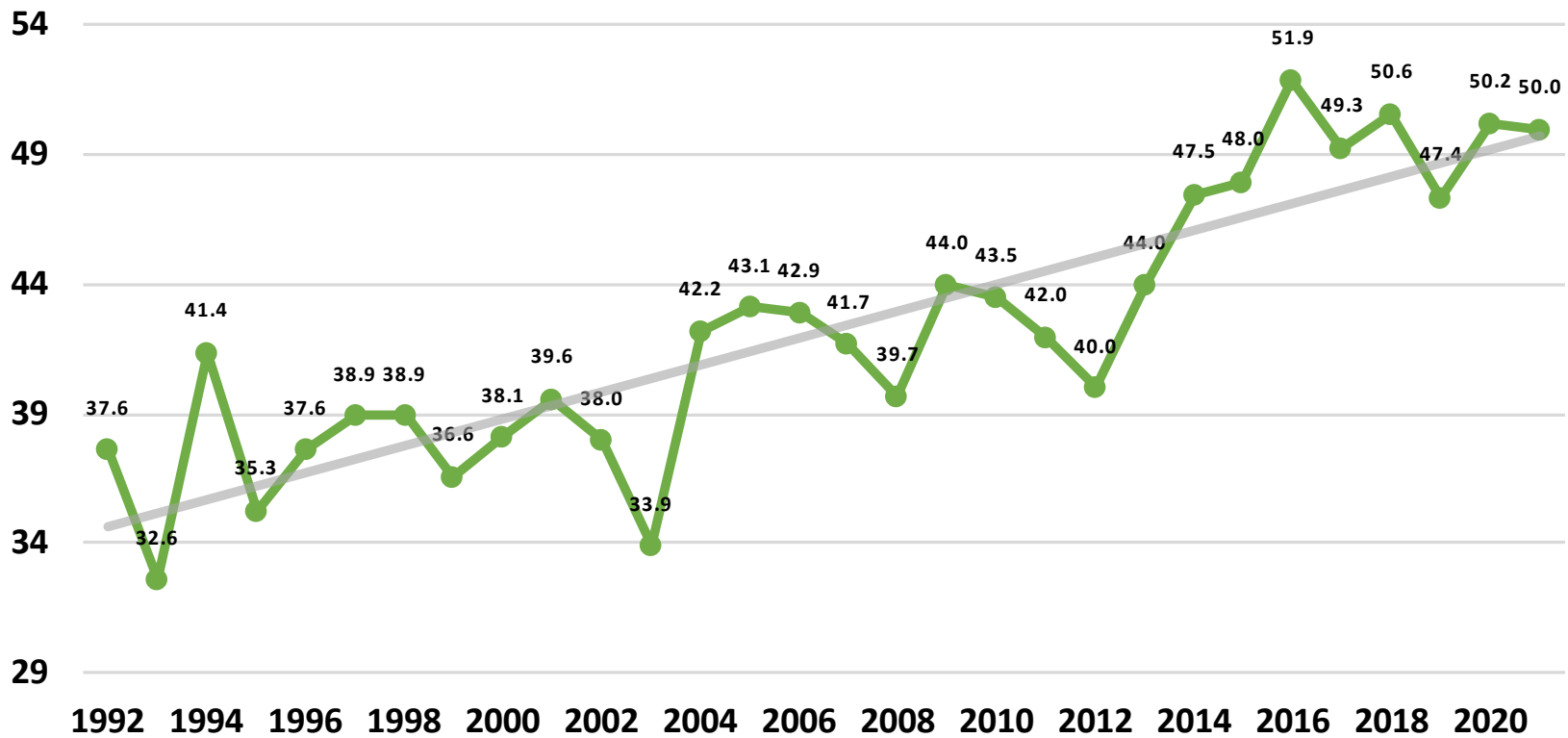
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	87,555	86,720	50.0	4,338,853
% Change from Previous Estimate	NC	NC	N/A	N/A
% Change from Previous Season	↑ 5.4	↑ 5.3	↓ 0.4	↑ 4.9

	Top 5 States - By Production							
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
		% Δ PY		% Δ PY		% Δ PY		% Δ PY
Illinois	10,700	↑ 3.9	10,650	↑ 3.9	64.0	↑ 8.5	681,600	↑ 12.7
Iowa	9,900	↑ 5.3	9,820	↑ 5.4	58.0	↑ 9.4	569,560	↑ 15.3
Indiana	5,700	NC	5,690	↑ 0.2	60.0	↑ 3.4	341,400	↑ 3.6
Minnesota	7,700	↑ 4.1	7,630	↑ 4.1	43.0	↓ 12.2	328,090	↓ 8.7
Nebraska	5,400	↑ 3.8	5,350	↑ 3.7	60.0	↑ 5.3	321,000	↑ 9.1

Soybean Yield

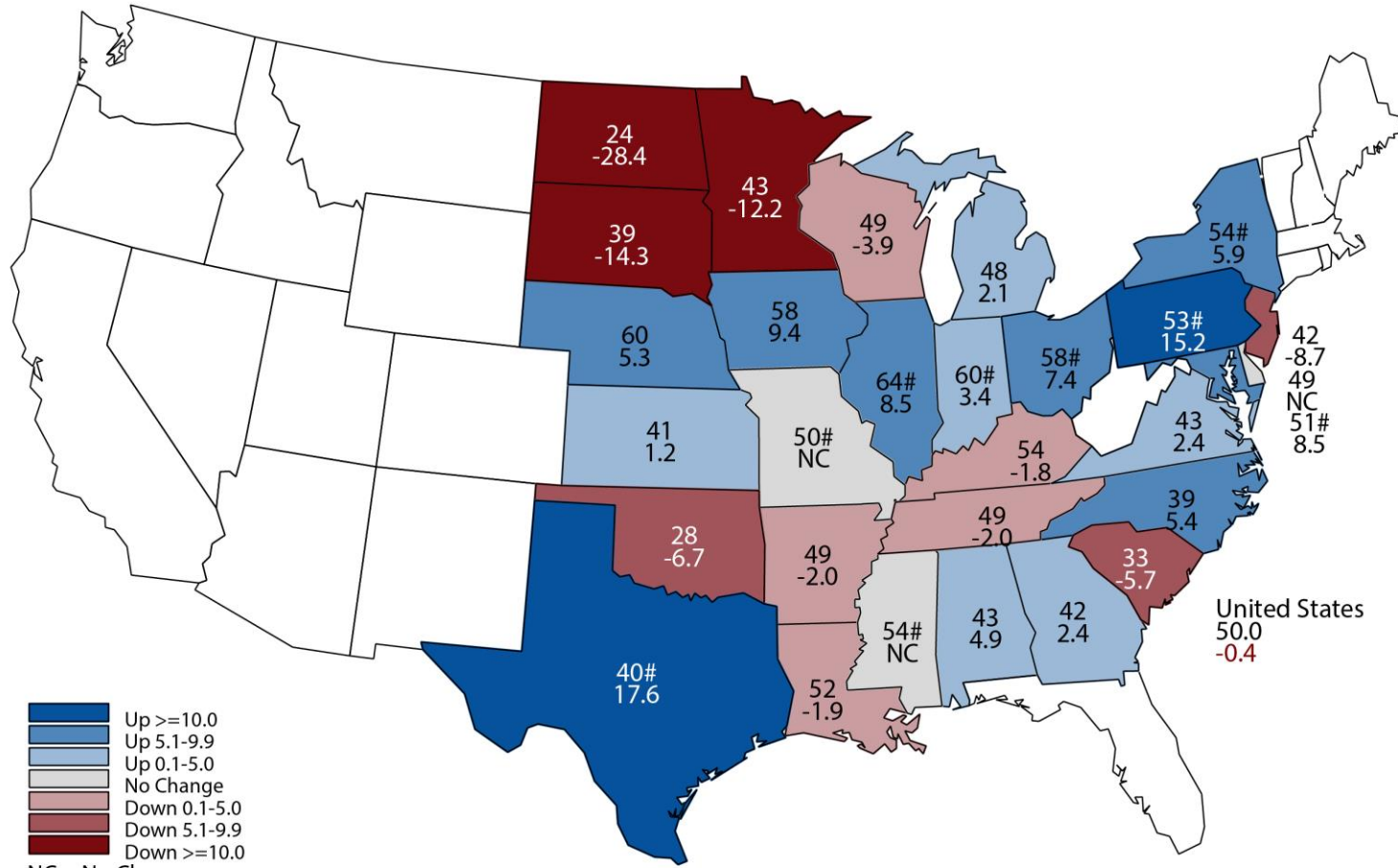
United States

Bushels per Acre



August 2021 Soybean Yield

Bushels and Percent Change from Previous Year

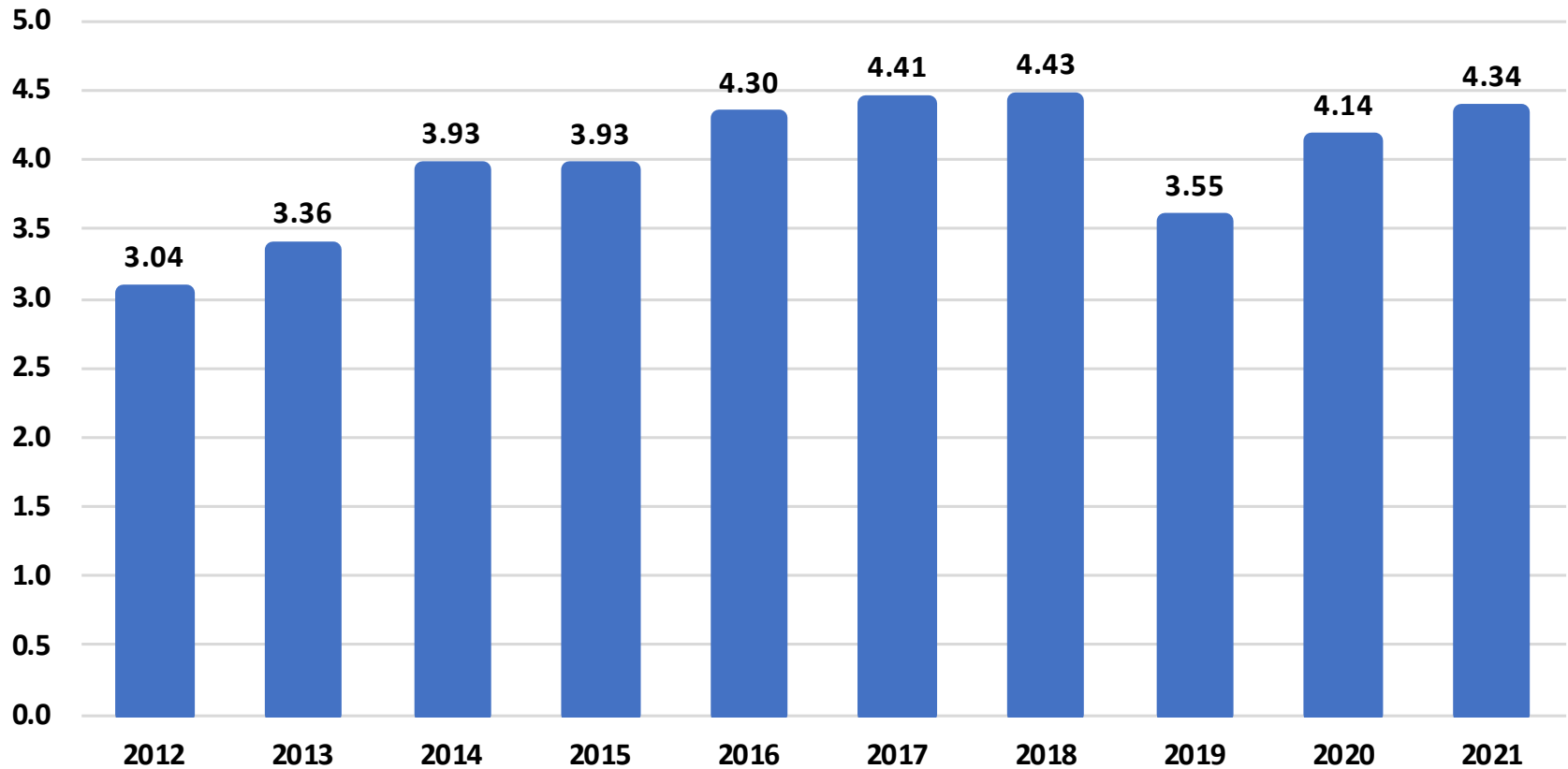


Up >=10.0
 Up 5.1-9.9
 Up 0.1-5.0
 No Change
 Down 0.1-5.0
 Down 5.1-9.9
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Soybean Production

United States

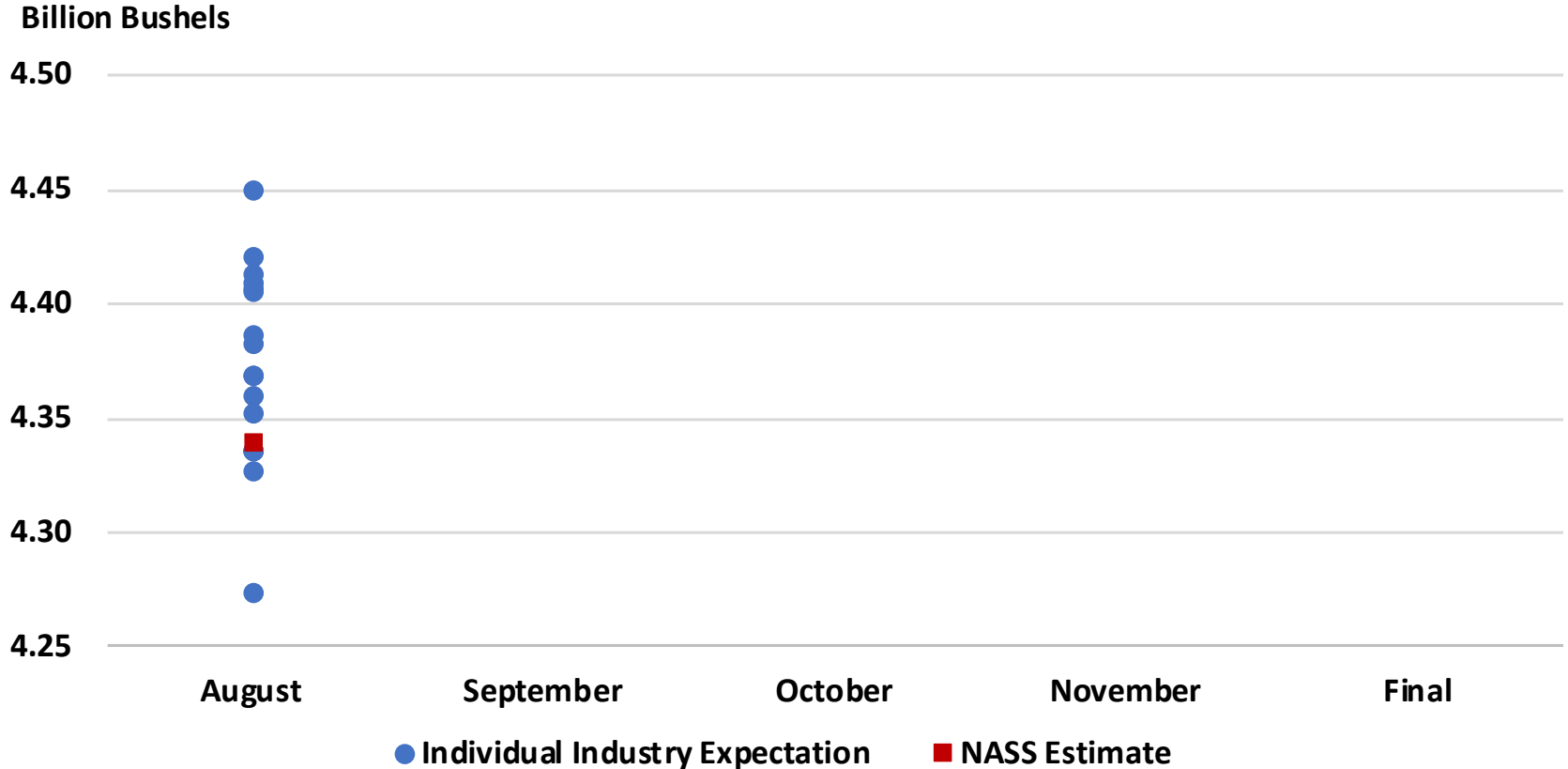
Billion Bushels





2021 U.S. Soybean Production

Industry Expectations vs NASS





August 2021 Cotton

Acreage, Yield, and Production

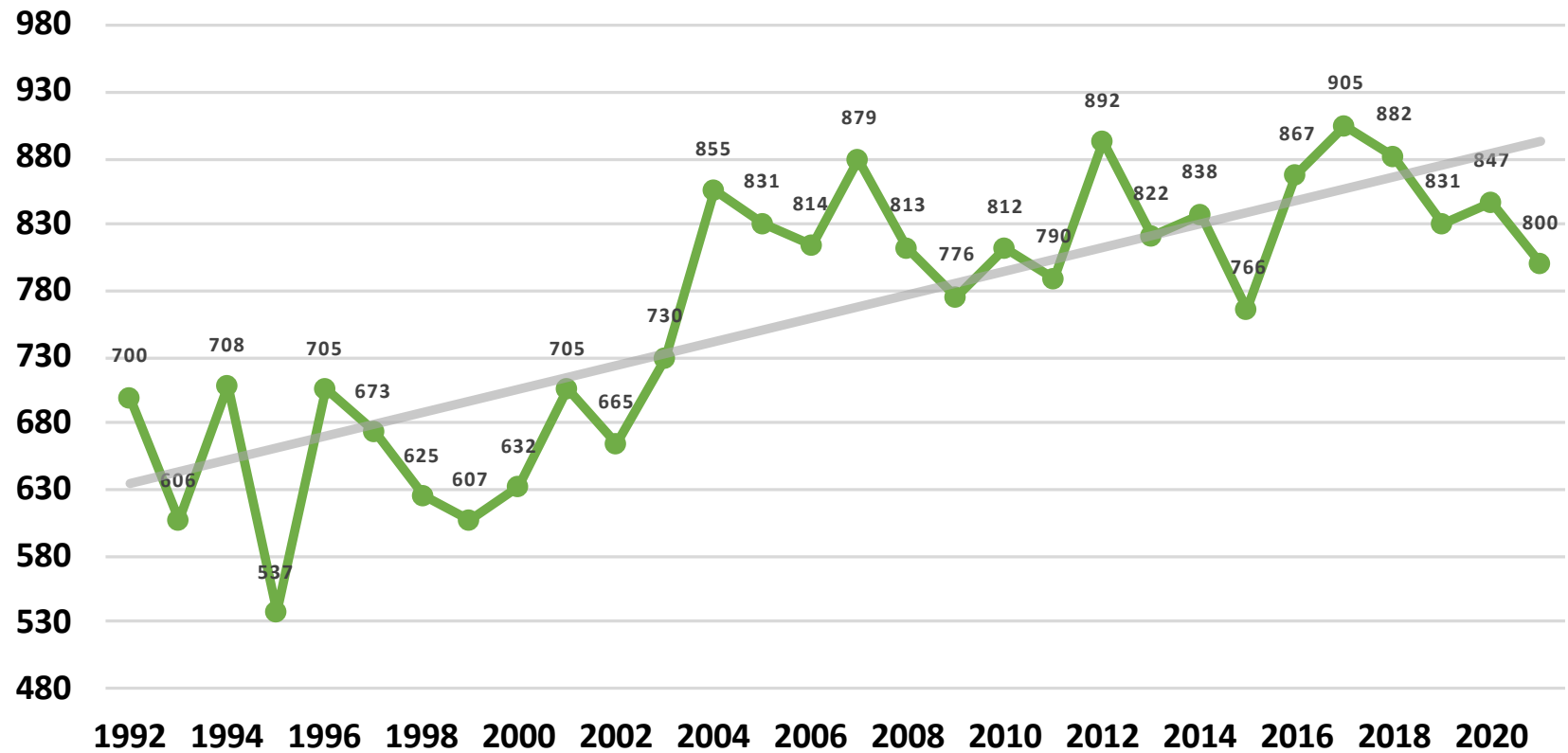
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
United States	11,719	10,356	800	17,264
% Change from Previous Estimate	NC	N/A	N/A	N/A
% Change from Previous Season	↓ 3.1	↑ 25.1	↓ 5.5	↑ 18.2

Top 5 States - By Production										
	Planted		Harvested		Yield		Production			
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Pounds/Acre)	% Δ PY	(1,000 Bales)	% Δ PY		
Texas	6,722	↓ 1.7	5,521	↑ 70.9	621	↓ 9.3	7,140	↑ 54.8		
Georgia	1,200	↑ 0.8	1,190	↑ 0.8	928	↑ 4.6	2,300	↑ 5.5		
Mississippi	490	↓ 7.5	475	↓ 9.5	1,142	↑ 5.8	1,130	↓ 4.2		
Arkansas	410	↓ 21.9	405	↓ 22.1	1,161	↓ 1.5	980	↓ 23.3		
Missouri	390	↑ 32.2	381	↑ 32.8	1,228	↑ 7.3	975	↑ 42.5		

Cotton Yield

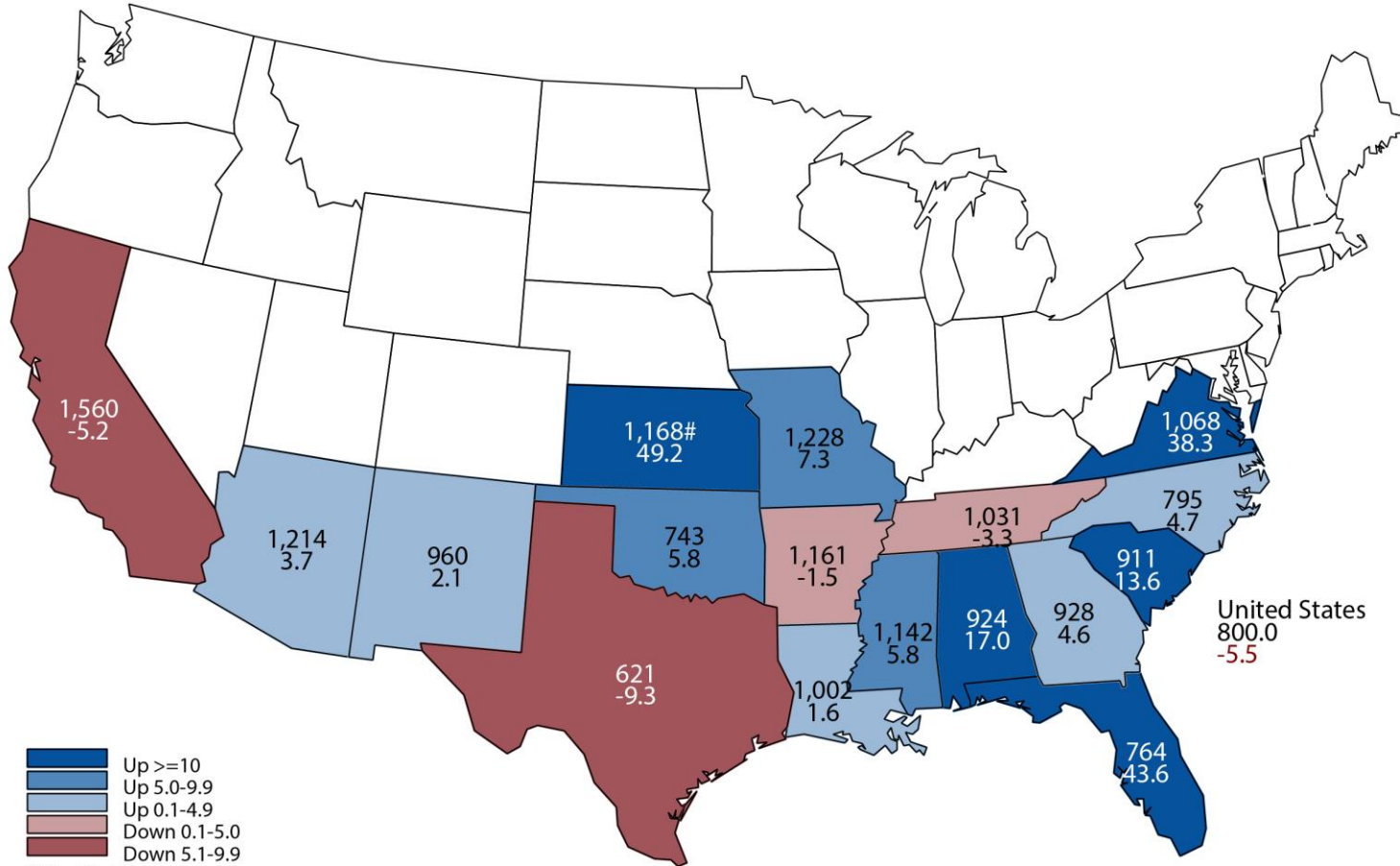
United States

Pounds per Acre



August 2021 Cotton Yield

Pounds and Percent Change from Previous Year



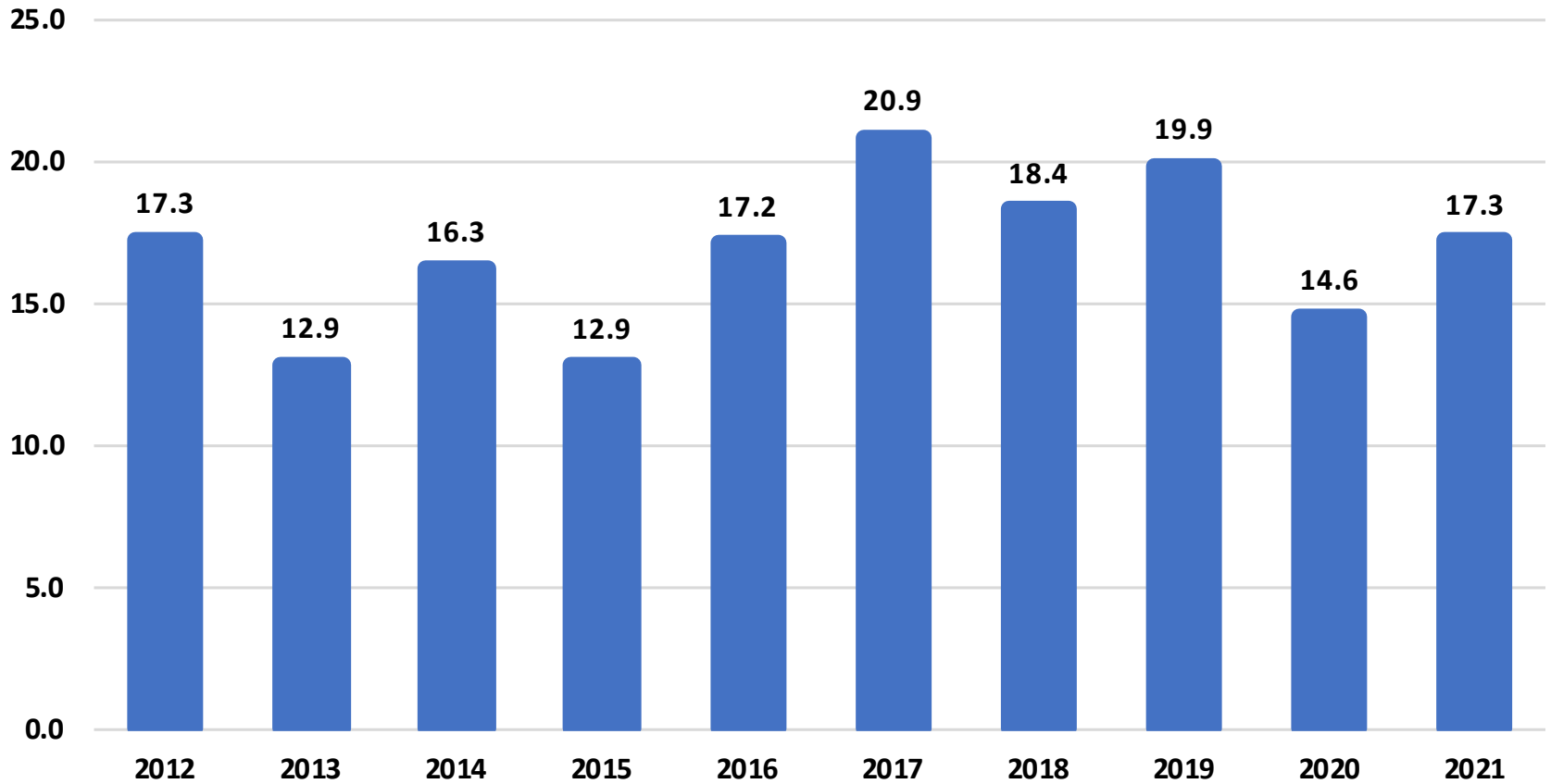
■ Up >=10
■ Up 5.0-9.9
■ Up 0.1-4.9
■ Down 0.1-5.0
■ Down 5.1-9.9

NC = No Change
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Cotton Production

United States

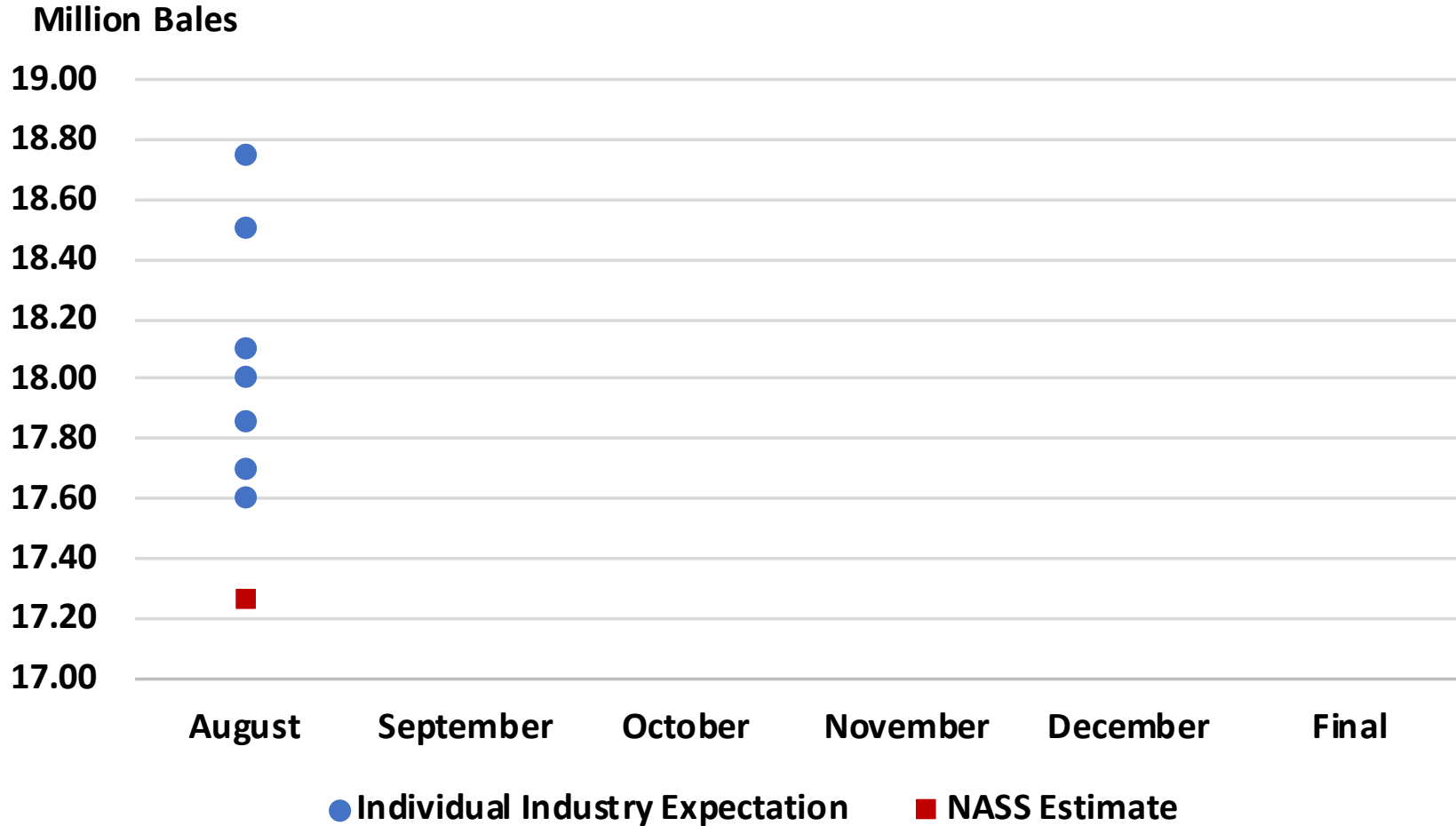
Million Bales





2021 U.S. Cotton Production

Industry Expectations vs NASS





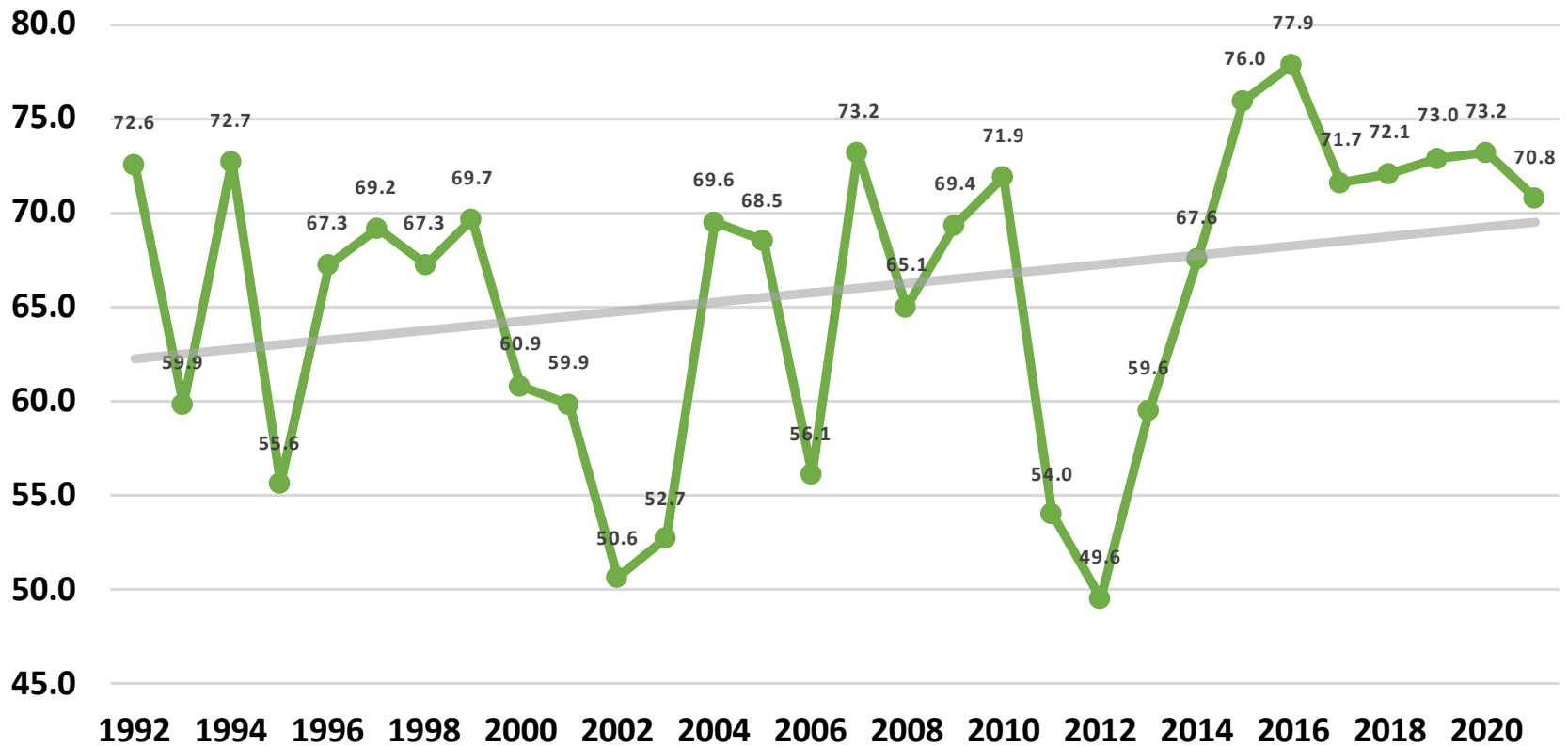
August 2021 Sorghum Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	6,490	5,785	70.8	409,385
% Change from Previous Estimate	NC	NC	N/A	N/A
% Change from Previous Season	↑ 10.4	↑ 13.5	↓ 3.3	↑ 9.8

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	3,200	↑ 6.7	3,000	↑ 7.1	80.0	↓ 5.9	240,000	↑ 0.8			
Texas	2,000	↑ 11.1	1,700	↑ 13.3	64.0	↑ 1.6	108,800	↑ 15.1			
Nebraska	280	↑ 43.6	230	↑ 53.3	82.0	↓ 9.9	18,860	↑ 38.2			
Oklahoma	340	↑ 11.5	280	↑ 21.7	58.0	↑ 28.9	16,240	↑ 56.9			
South Dakota	250	↑ 19.0	210	↑ 31.3	64.0	↓ 9.9	13,440	↑ 18.3			

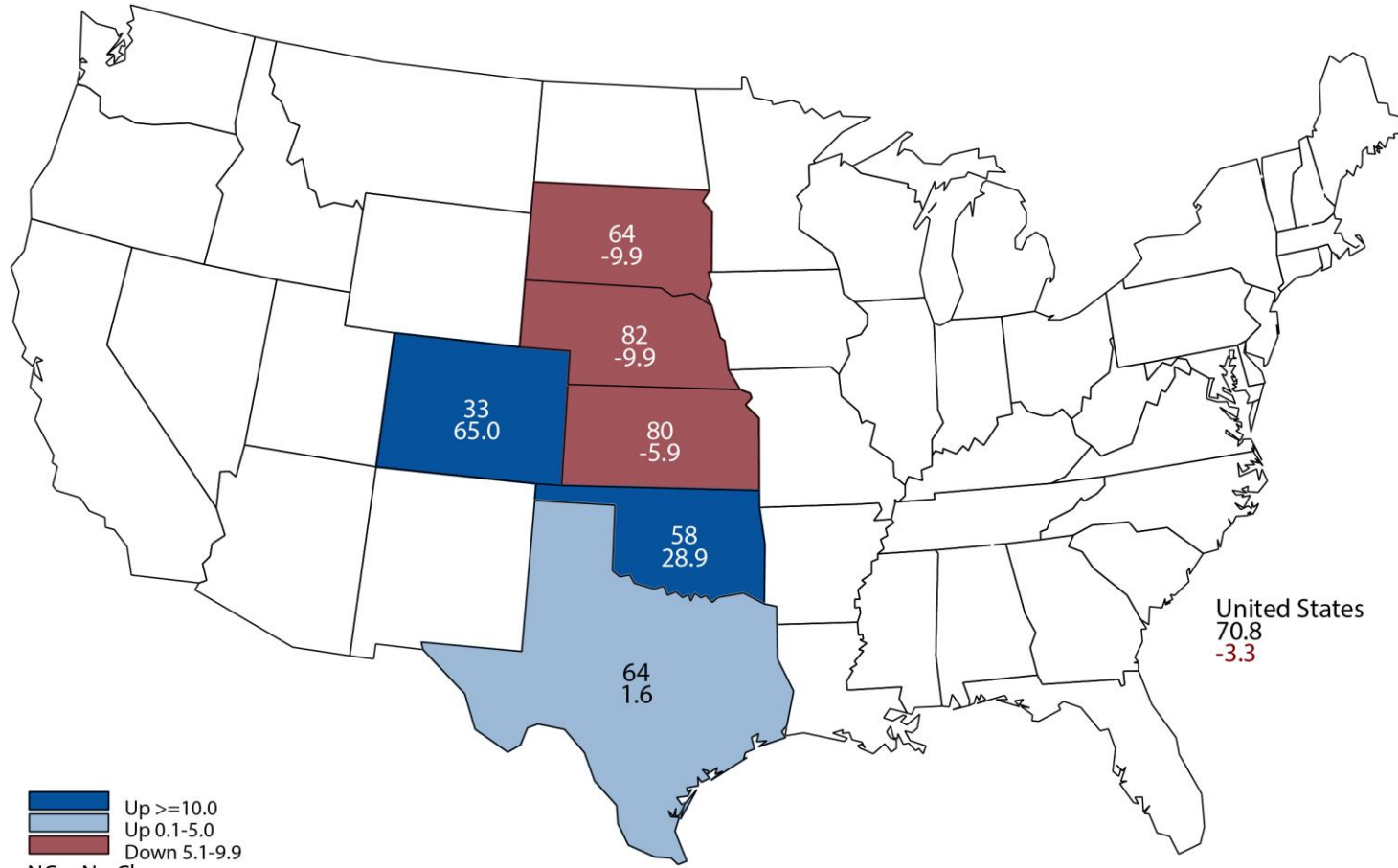
Sorghum Yield United States

Bushels per Acre



August 2021 Sorghum Yield

Bushels and Percent Change from Previous Year

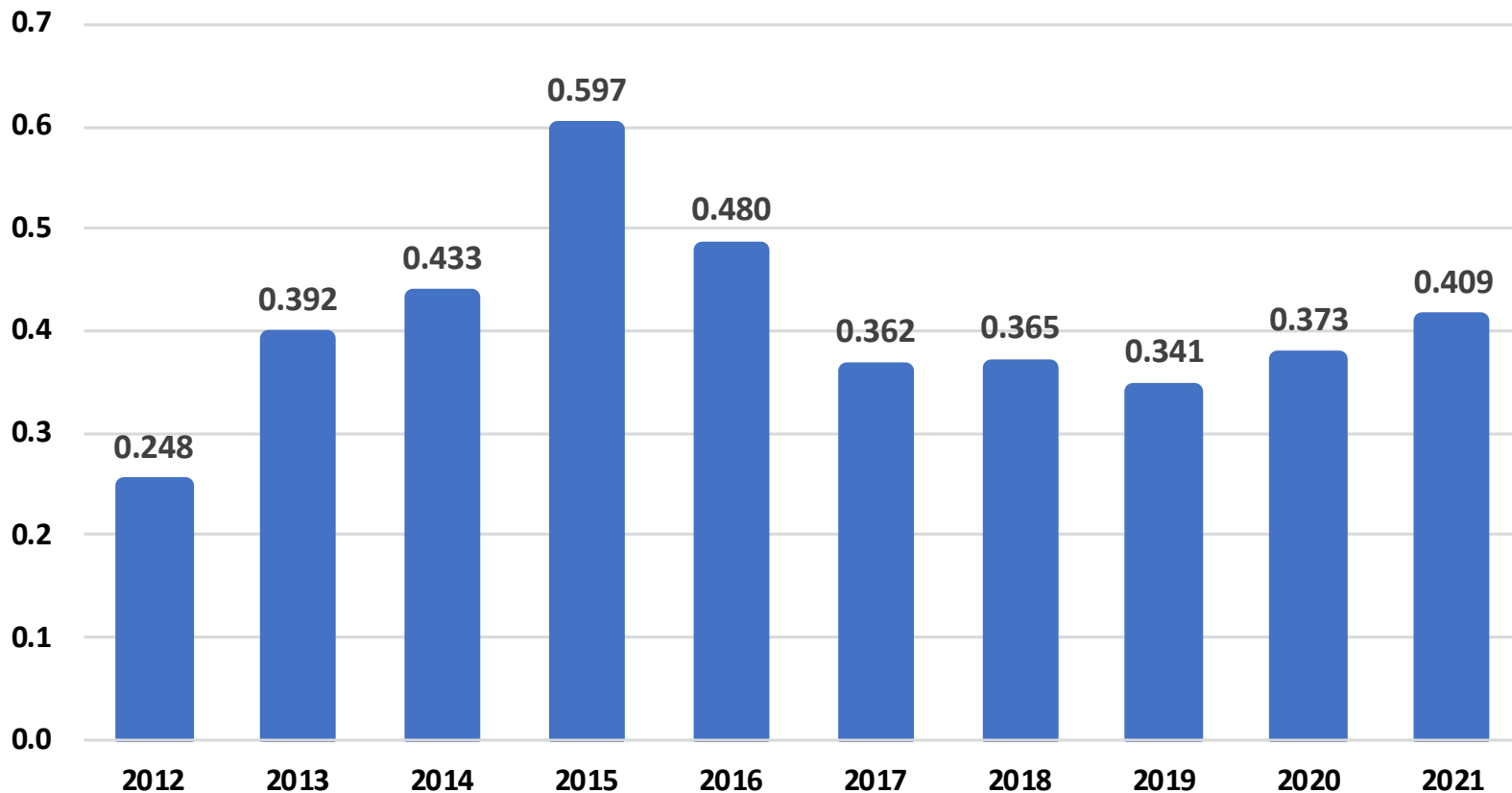


Up \geq 10.0
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Sorghum Production

United States

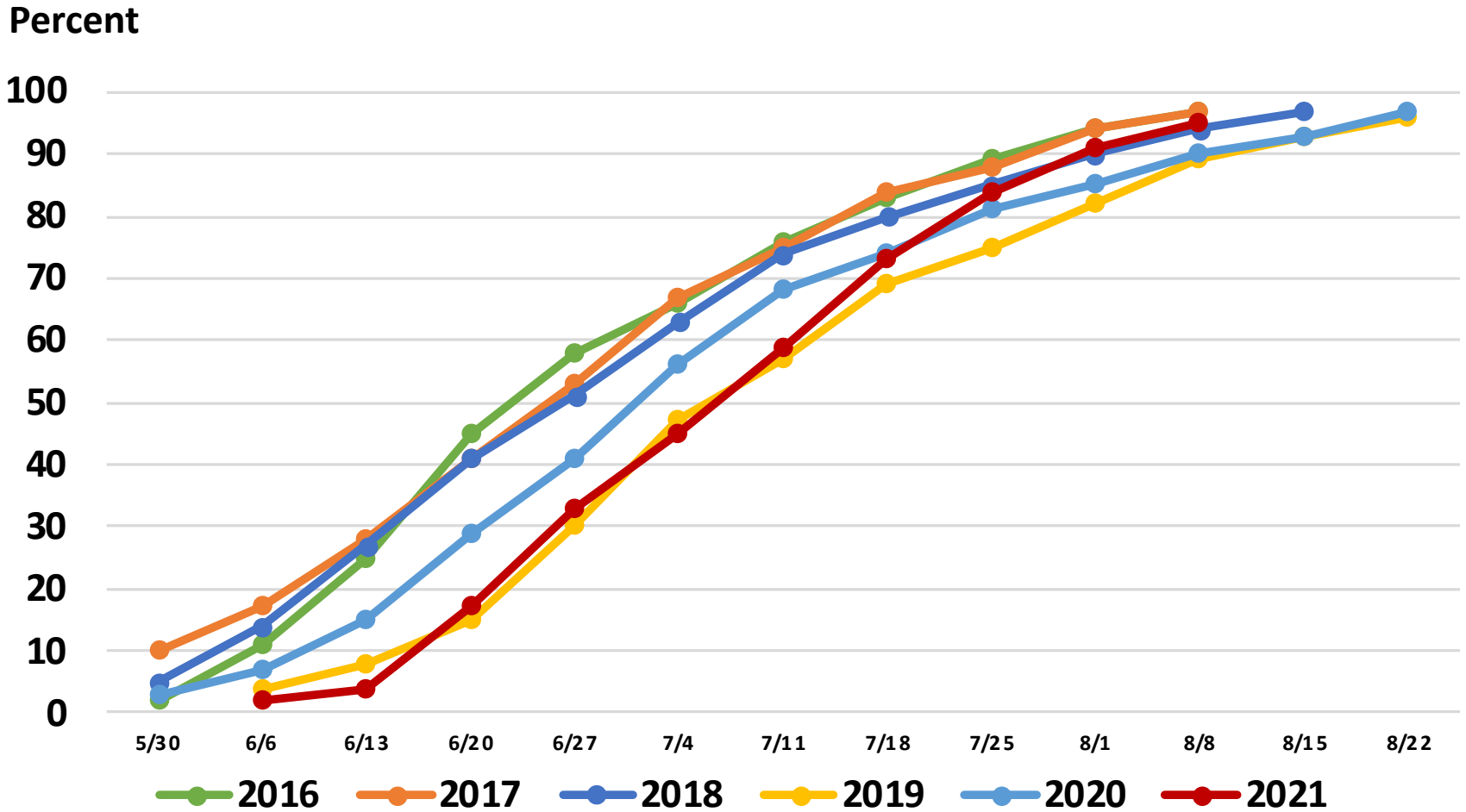
Billion Bushels





United States Winter Wheat Progress

Percent Harvested





August 2021 Winter Wheat Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	33,683	25,443	51.8	1,318,735
% Change from Previous Estimate	NC	NC	↓ 3.4	↓ 3.3
% Change from Previous Season	↑ 10.7	↑ 10.5	↑ 1.8	↑ 12.6

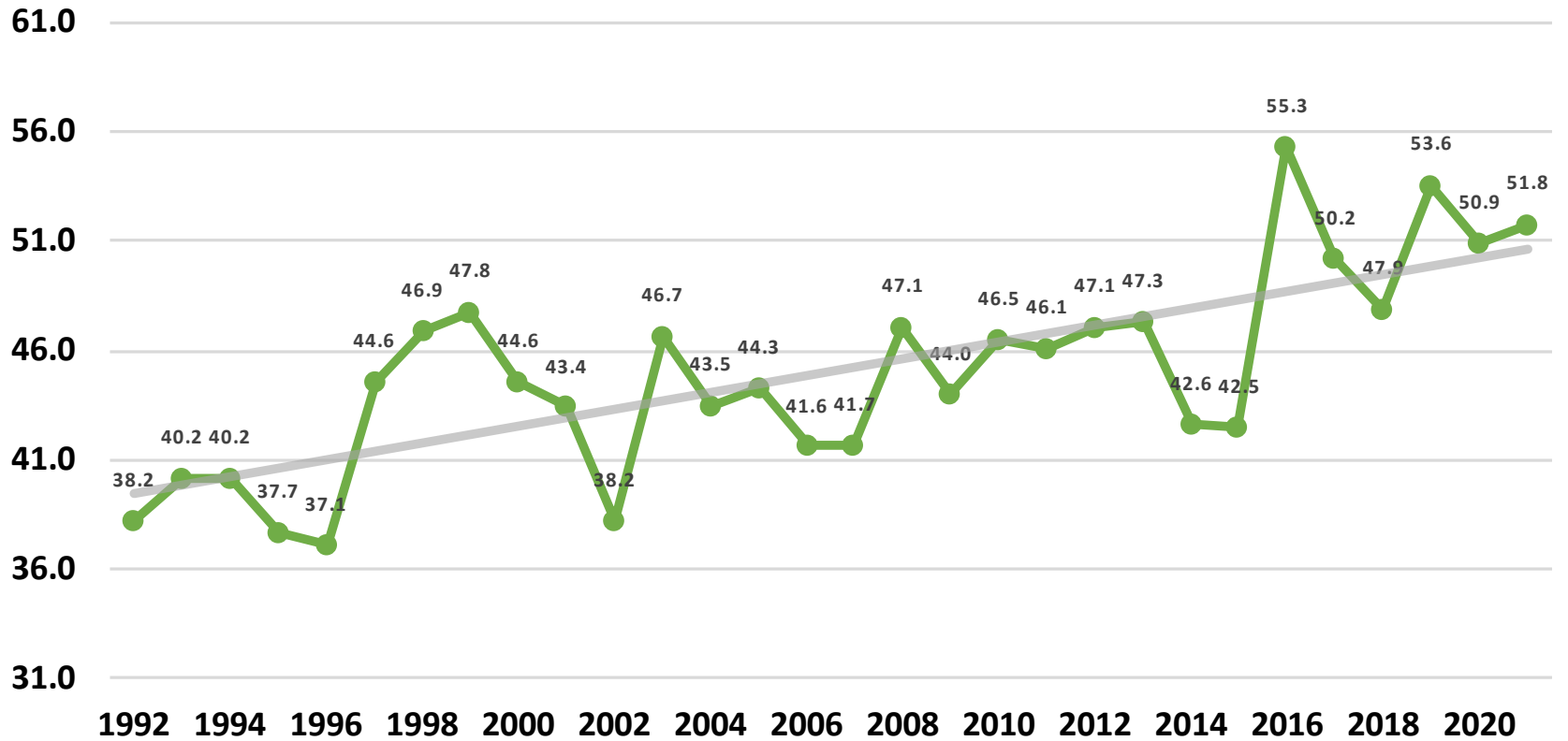
	Top 5 States - By Production							
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
		% Δ PY		% Δ PY		% Δ PY		% Δ PY
Kansas	7,300	↑ 10.6	6,900	↑ 10.4	55.0	↑ 22.2	379,500	↑ 34.9
Oklahoma	4,300	↑ 1.2	2,700	↑ 3.8	40.0	NC	108,000	↑ 3.8
Texas	5,600	↑ 14.3	2,250	↑ 9.8	37.0	↑ 23.3	83,250	↑ 35.4
Washington	1,750	↓ 2.8	1,690	↓ 3.4	44.0	↓ 42.1	74,360	↓ 44.1
Colorado	2,150	↑ 13.2	1,850	↑ 21.7	39.0	↑ 44.4	72,150	↑ 75.8



Winter Wheat Yield

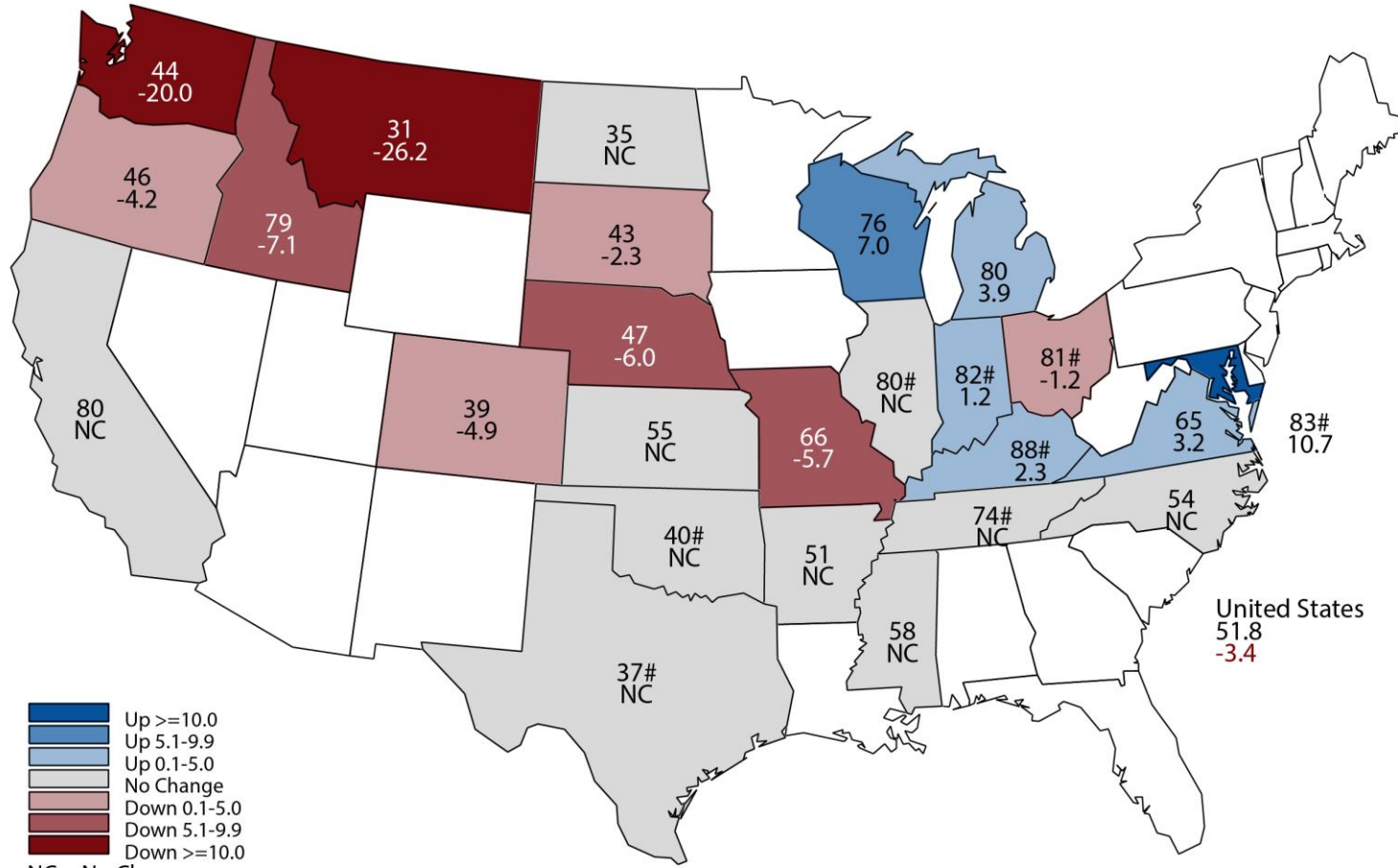
United States

Bushels per Acre



August 2021 Winter Wheat Yield

Bushels and Percent Change from Previous Month

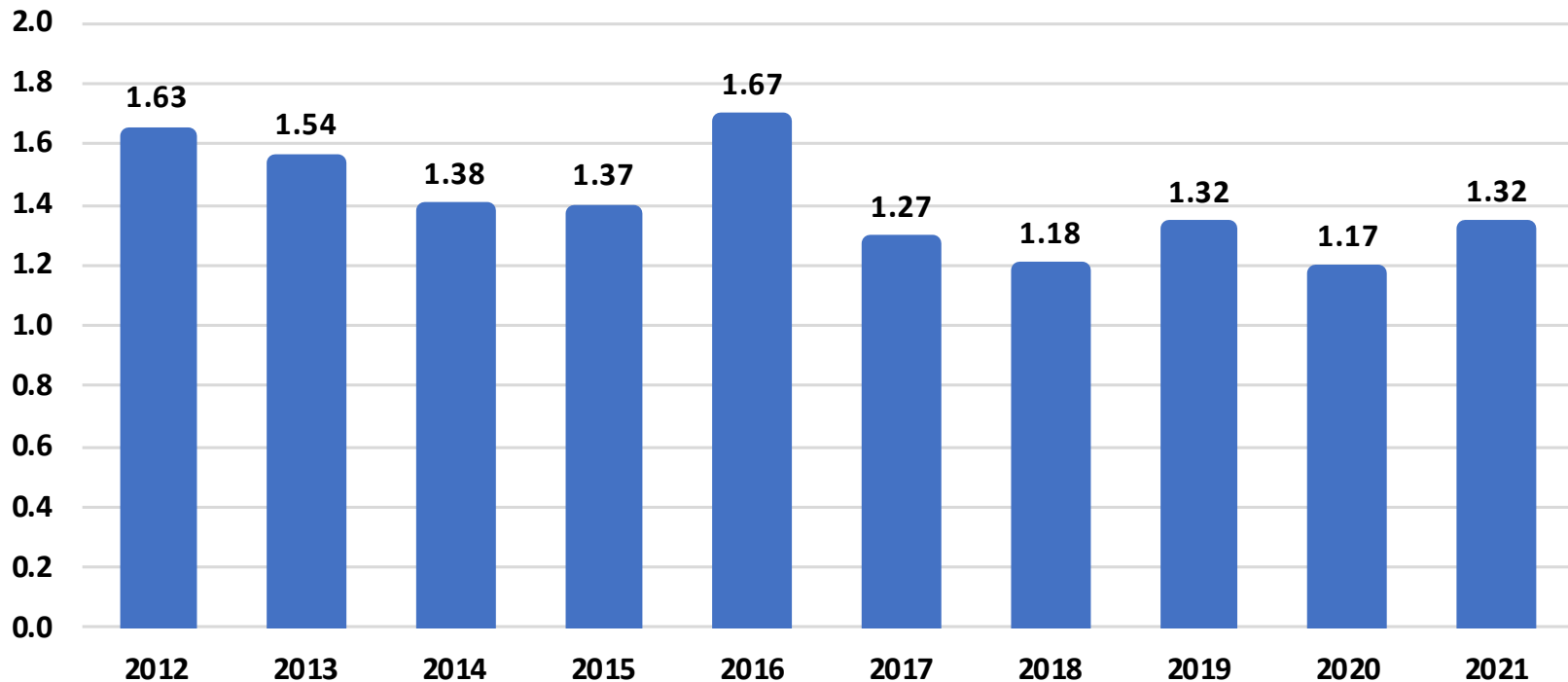


■ Up ≥ 10.0
■ Up 5.1-9.9
■ Up 0.1-5.0
■ No Change
■ Down 0.1-5.0
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Winter Wheat Production

United States

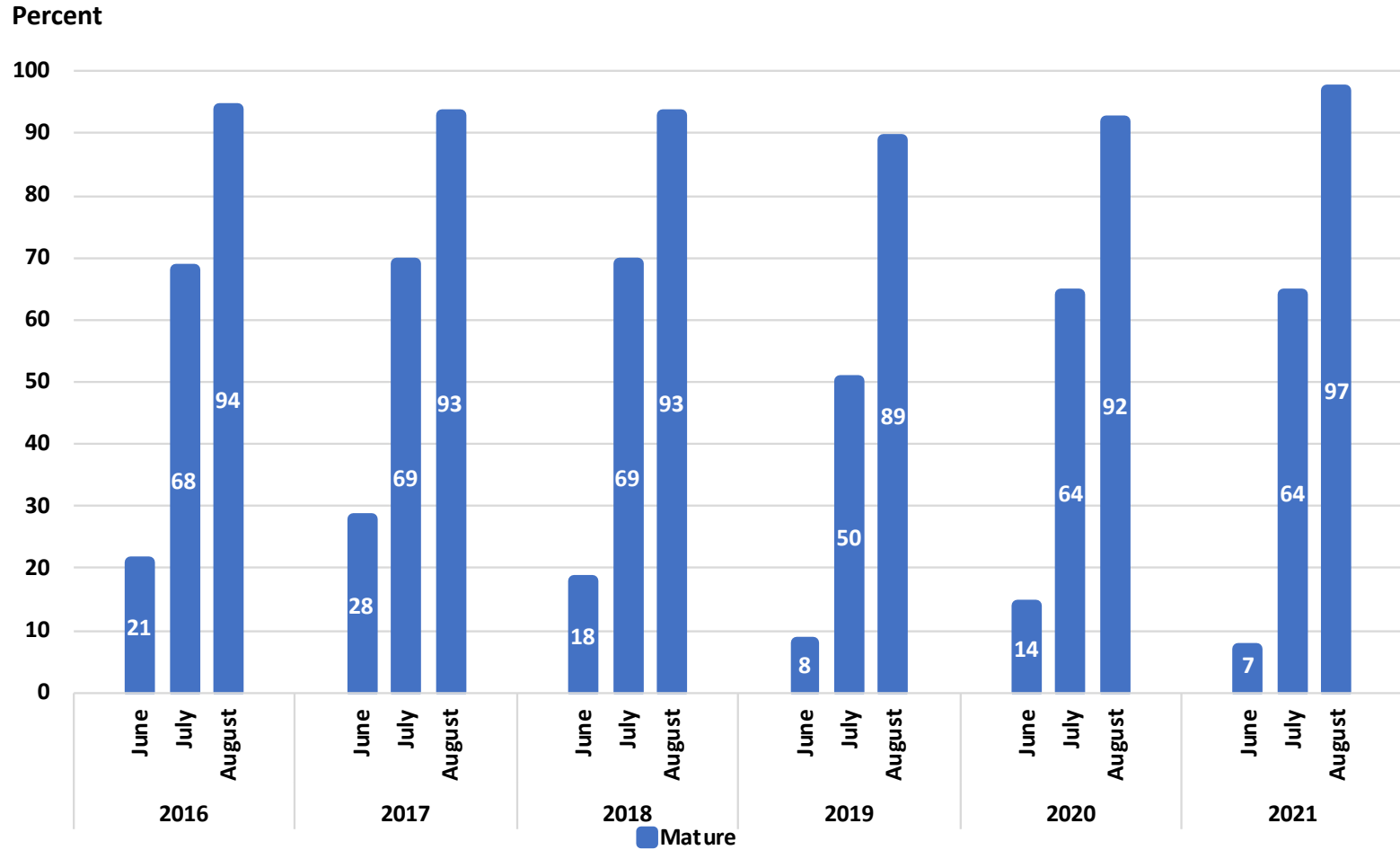
Billion Bushels





August 2021 Winter Wheat Objective Yield

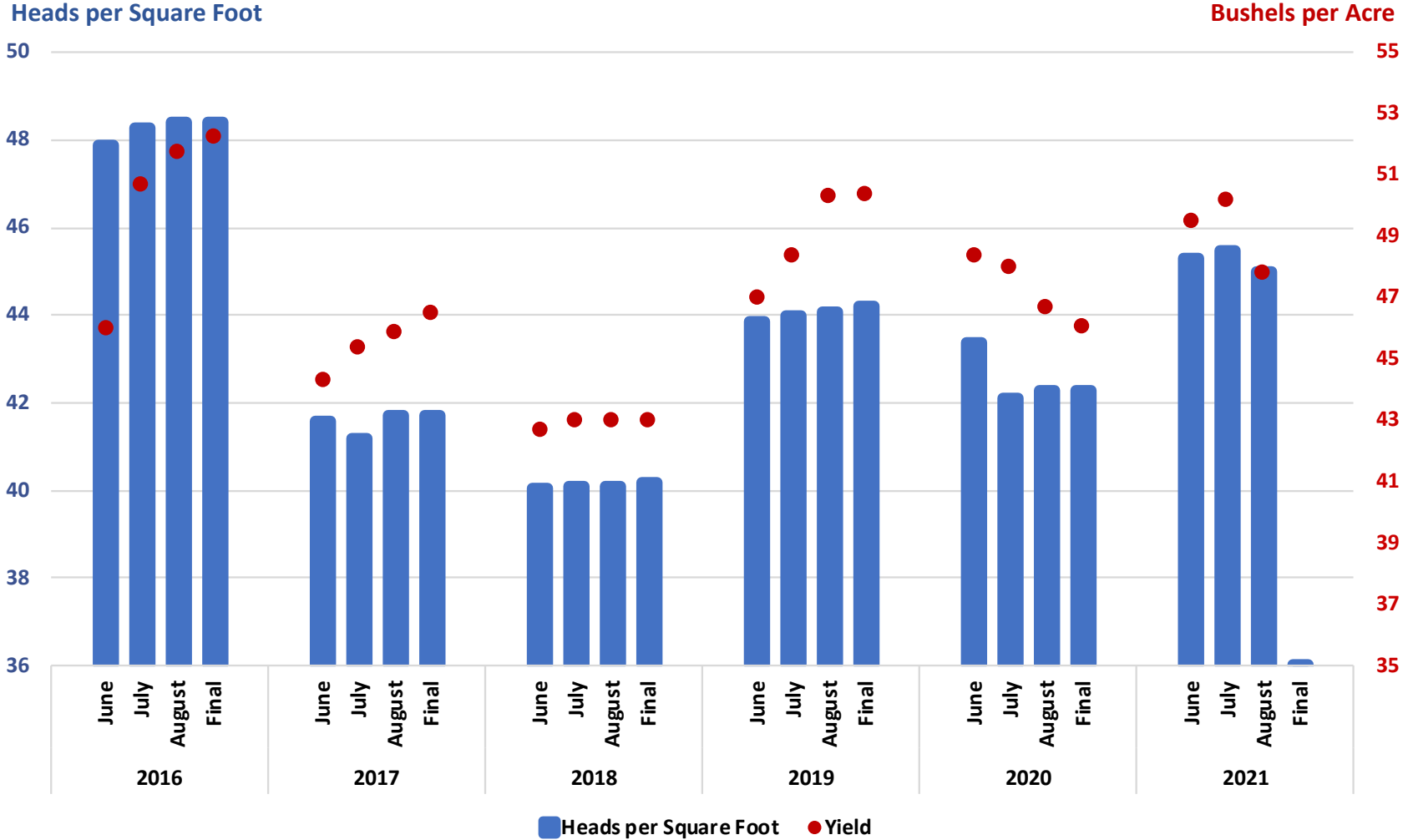
Percent of Samples Processed in the Lab





August 2021 Winter Wheat Objective Yield

Heads per Square Foot and Yield for 10 State Region



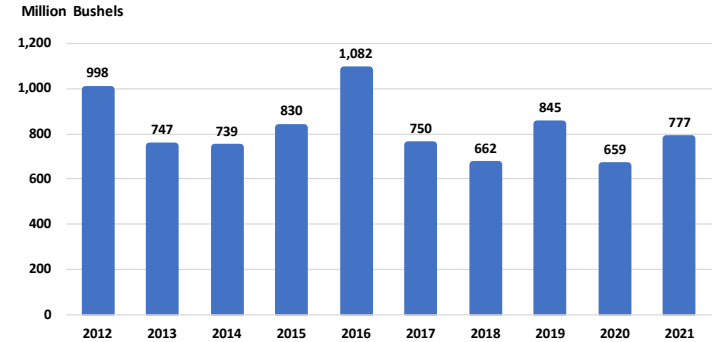


August 2021 Winter Wheat Production United States by Class

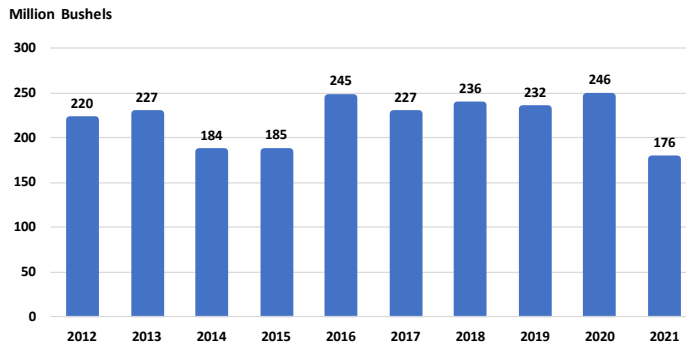


	Production (1,000 Units)	Unit
Hard Red Winter Wheat	776,855	Bu
% Change from Previous Estimate	↓ 3.4	
% Change from Previous Season	↑ 17.9	
Soft Red Winter Wheat	365,508	Bu
% Change from Previous Estimate	↑ 1.0	
% Change from Previous Season	↑ 37.3	
White Winter Wheat	176,372	Bu
% Change from Previous Estimate	↓ 10.7	
% Change from Previous Season	↓ 28.3	

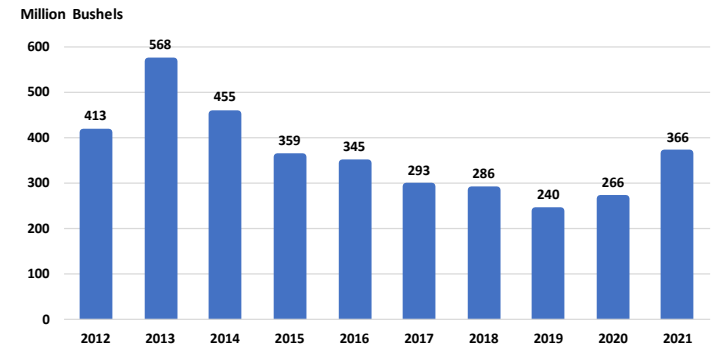
Hard Red Winter Wheat Production
United States



White Winter Wheat Production
United States



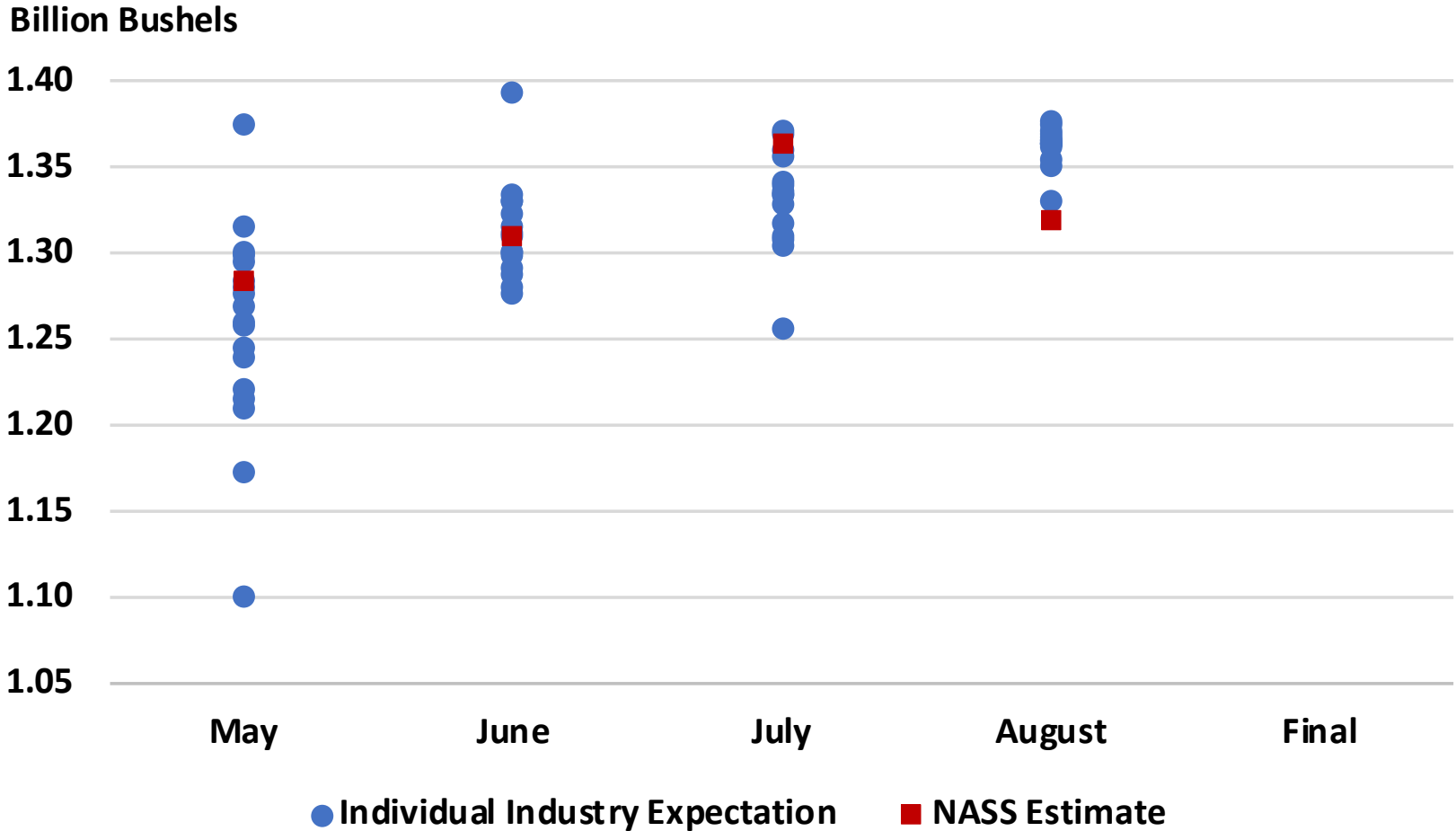
Soft Red Winter Wheat Production
United States





2021 U.S. Winter Wheat Production

Industry Expectations vs NASS





August 2021 Other Spring Wheat Acreage, Yield, and Production

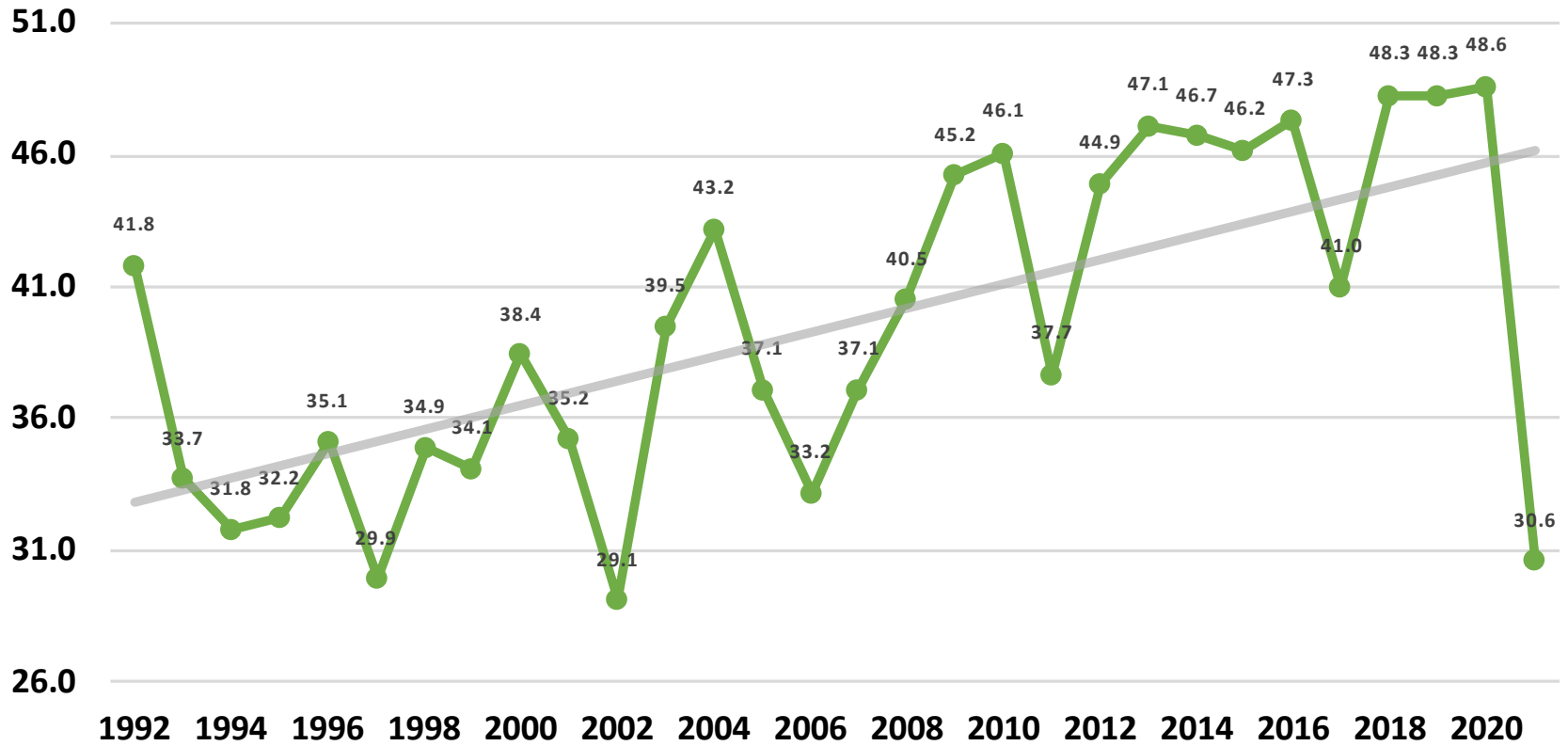
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	11,580	11,215	30.6	343,410
% Change from Previous Estimate	NC	NC	↓ 0.3	↓ 0.3
% Change from Previous Season	↓ 5.5	↓ 7.0	↓ 37.0	↓ 41.4

	Top 5 States - By Production							
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
		% Δ PY		% Δ PY		% Δ PY		% Δ PY
North Dakota	5,950	↑ 4.4	5,750	↑ 2.1	30.0	↓ 38.8	172,500	↓ 37.5
Montana	2,600	↓ 21.2	2,550	↓ 22.3	20.0	↓ 47.4	51,000	↓ 59.1
Minnesota	1,220	↓ 14.7	1,180	↓ 13.2	42.0	↓ 20.8	49,560	↓ 31.2
Idaho	520	↑ 2.0	495	NC	70.0	↓ 23.1	34,650	↓ 23.1
Washington	560	↑ 3.7	540	↑ 0.9	35.0	↓ 42.6	18,900	↓ 42.1

Other Spring Wheat Yield

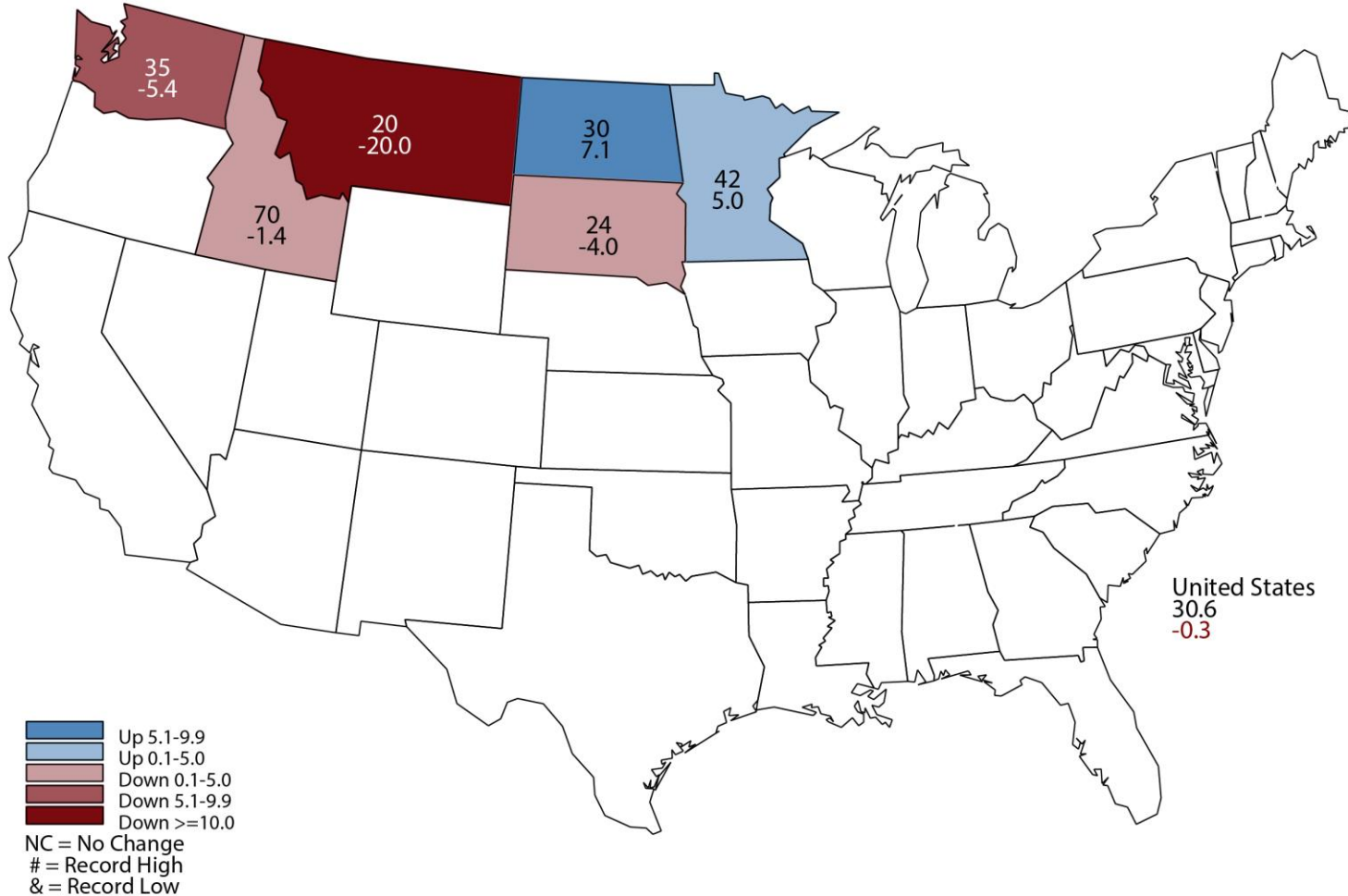
United States

Bushels per Acre



August 2021 Other Spring Wheat Yield

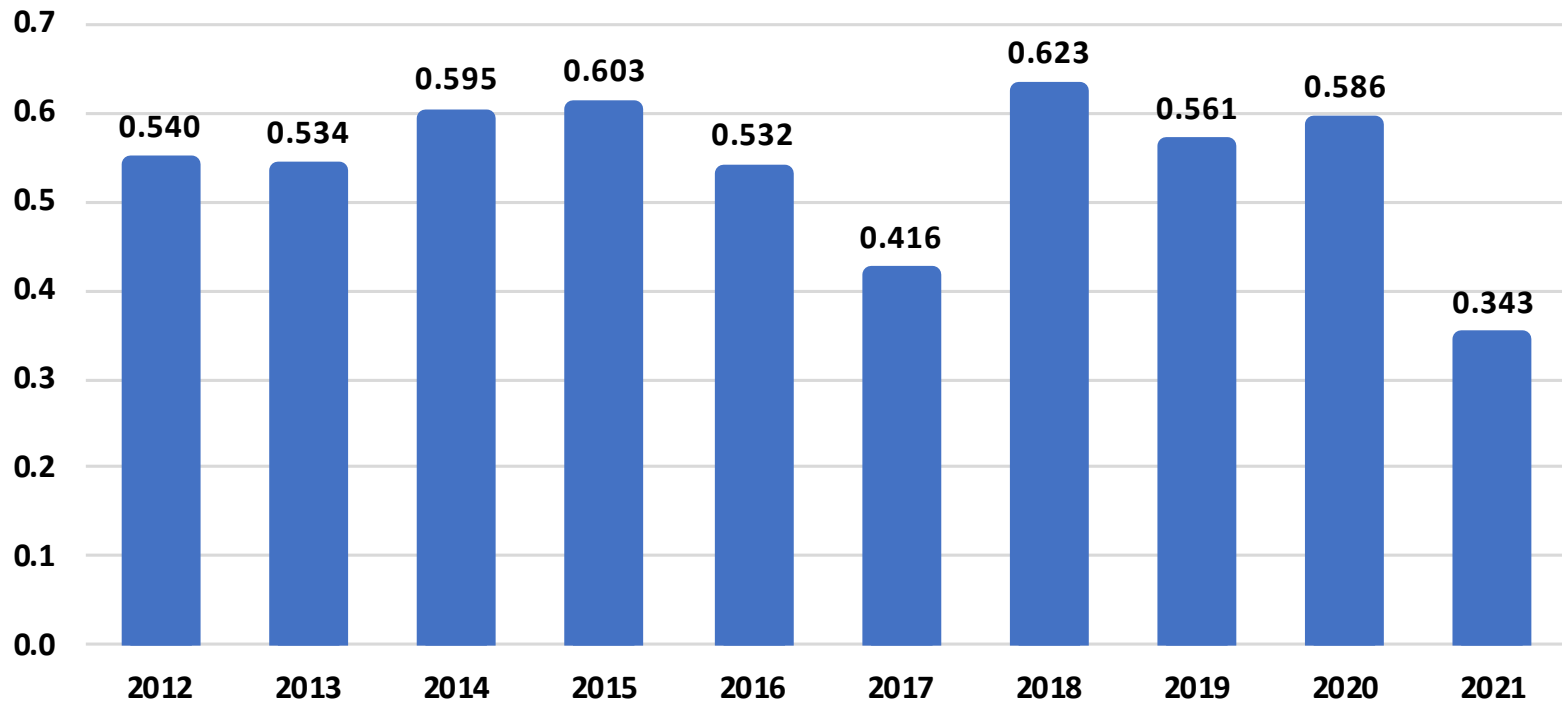
Bushels and Percent Change from Previous Month



Other Spring Wheat Production

United States

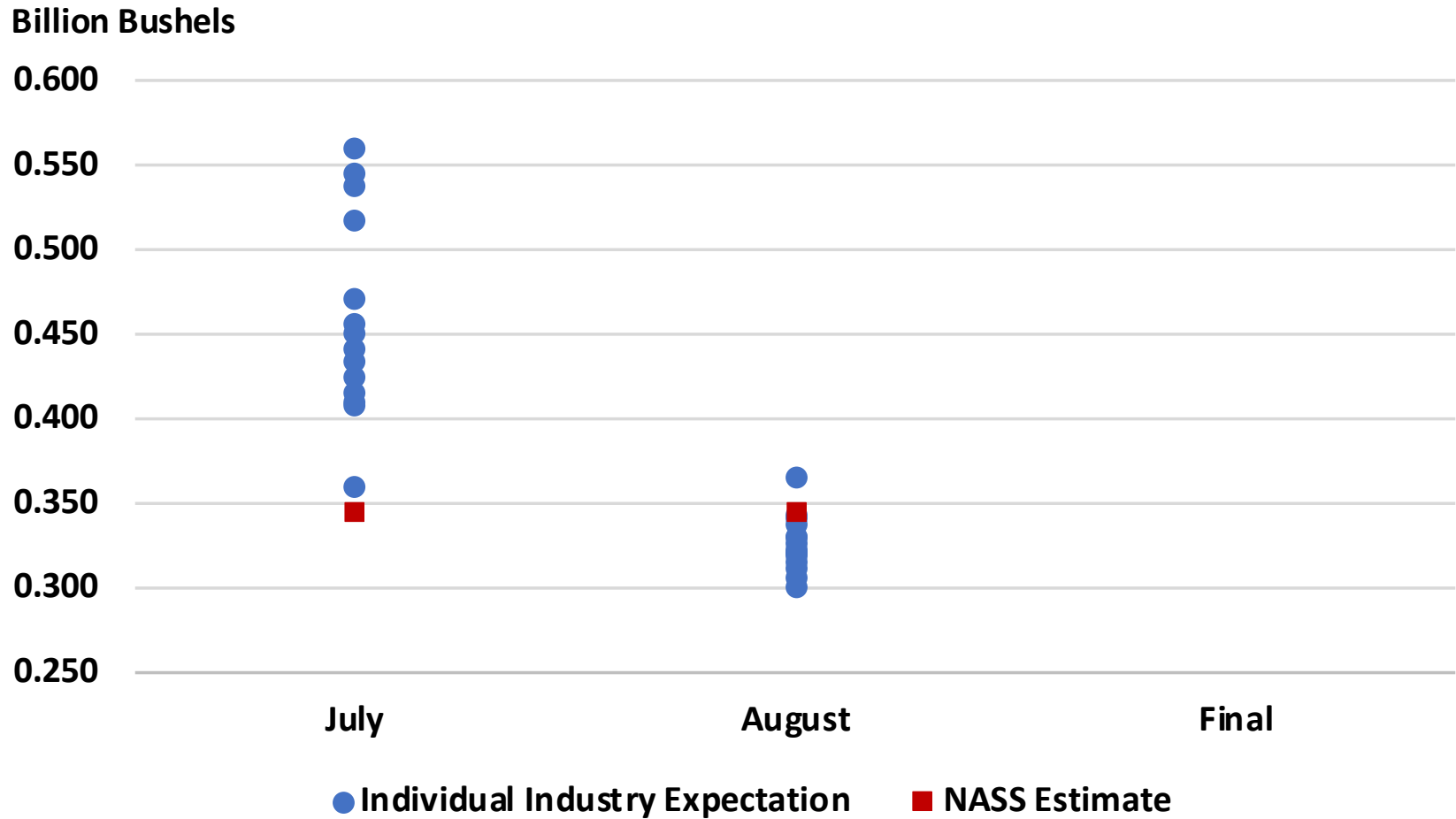
Billion Bushels





2021 U.S. Other Spring Wheat Production

Industry Expectations vs NASS





August 2021 Durum Wheat Acreage, Yield, and Production

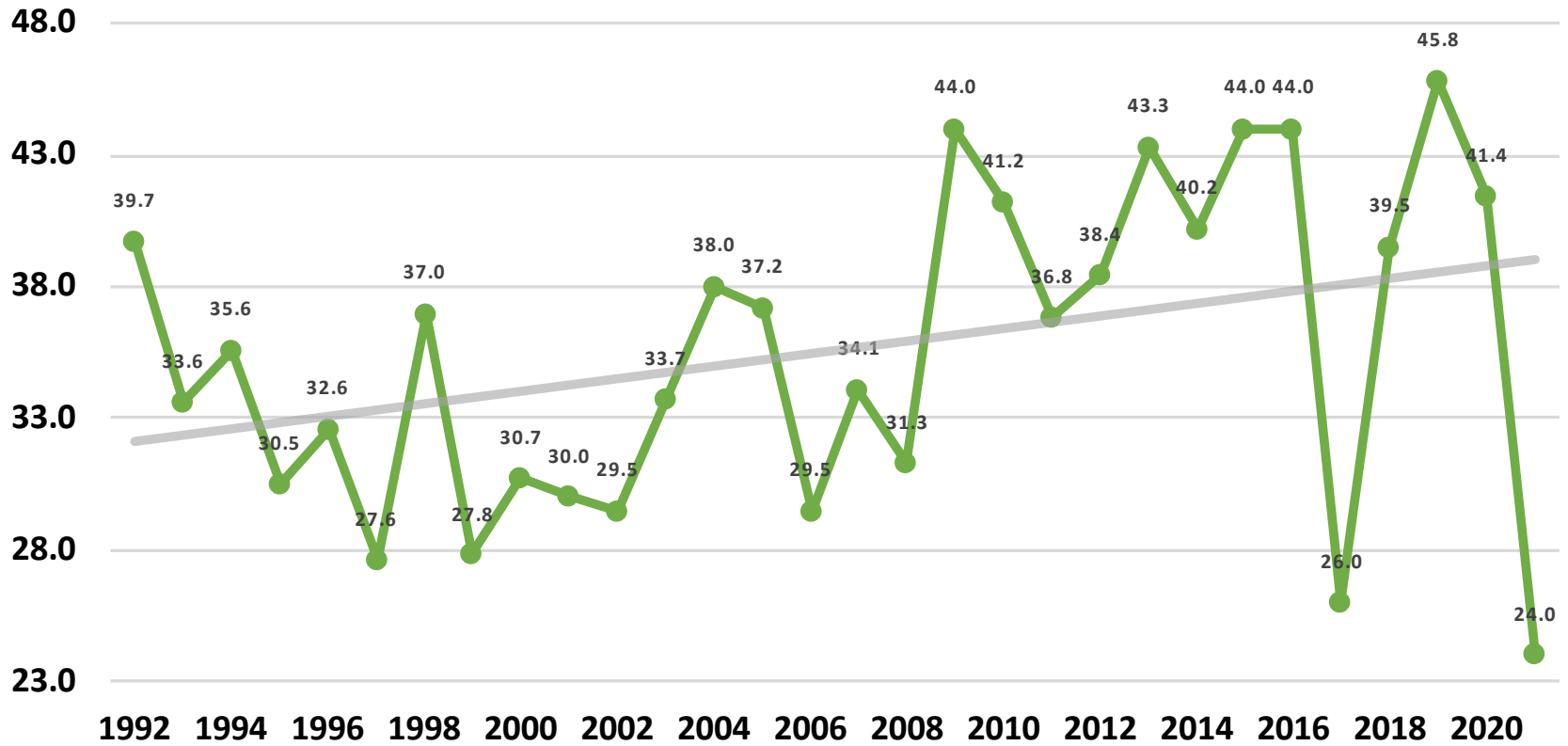
	Planted <small>(1,000 Acres)</small>	Harvested <small>(1,000 Acres)</small>	Yield <small>(Bushels/Acre)</small>	Production <small>(1,000 Bushels)</small>
United States	1,480	1,444	24.0	34,660
% Change from Previous Estimate	NC	NC	↓ 7.0	↓ 6.9
% Change from Previous Season	↓ 12.1	↓ 13.1	↓ 42.0	↓ 49.6

	Top 5 States - By Production							
	Planted <small>(1,000 Acres)</small>		Harvested <small>(1,000 Acres)</small>		Yield <small>(Bushels/Acre)</small>		Production <small>(1,000 Bushels)</small>	
		% Δ PY		% Δ PY		% Δ PY		% Δ PY
North Dakota	750	↓ 17.6	725	↓ 19.9	22.0	↓ 43.6	15,950	↓ 54.8
Montana	650	↓ 5.8	645	↓ 5.8	18.0	↓ 53.8	11,610	↓ 56.5
Arizona	50	↑ 13.6	49	↑ 14.0	95.0	↓ 4.0	4,655	↑ 9.3
California	25	↓ 16.7	20	NC	100.0	↑ 14.9	2,000	↑ 14.9
Idaho	5	↓ 50.0	5	↓ 44.4	89.0	NC	445	↓ 44.4

Durum Wheat Yield

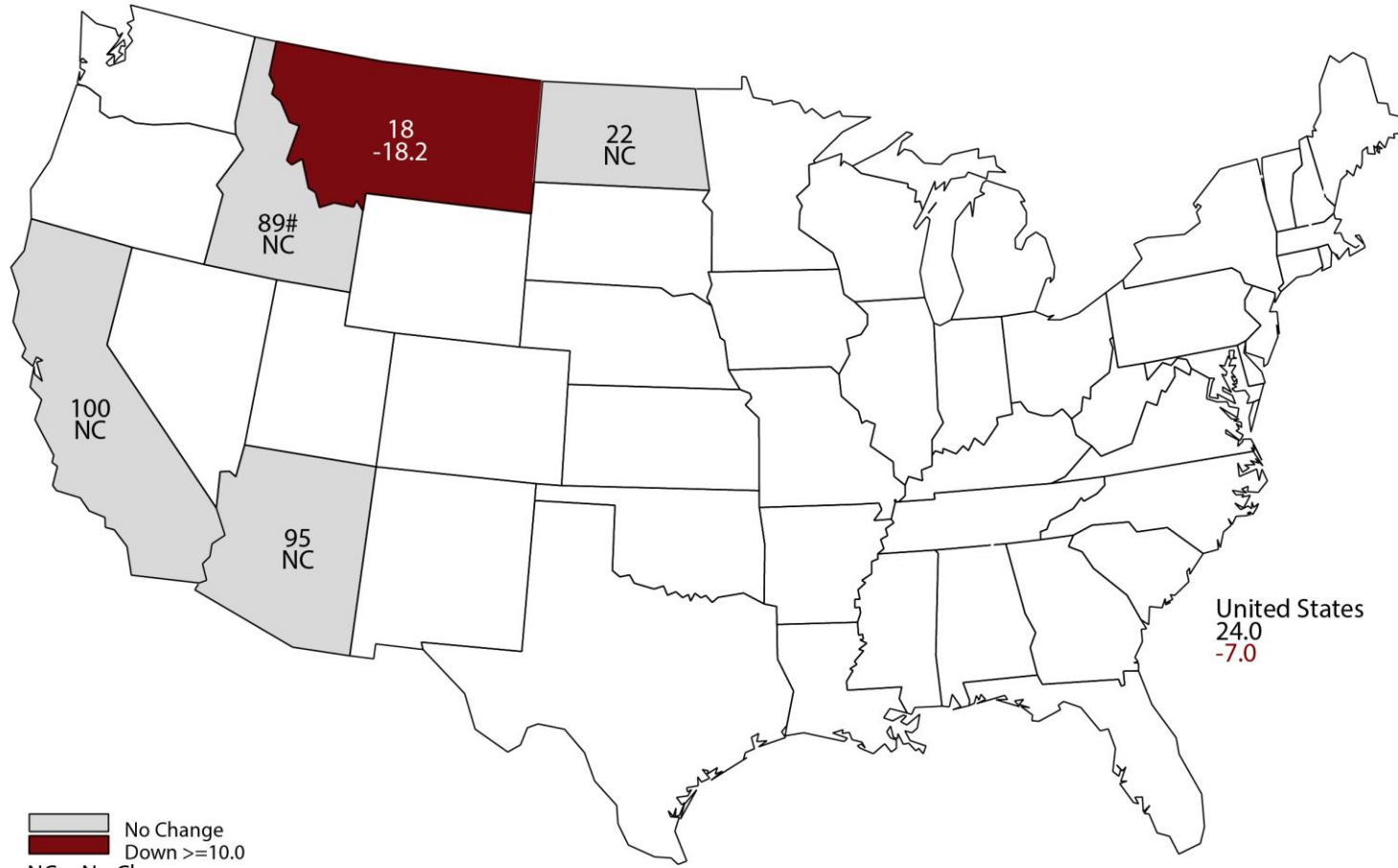
United States

Bushels per Acre



August 2021 Durum Wheat Yield

Bushels and Percent Change from Previous Month



No Change
 Down ≥ 10.0
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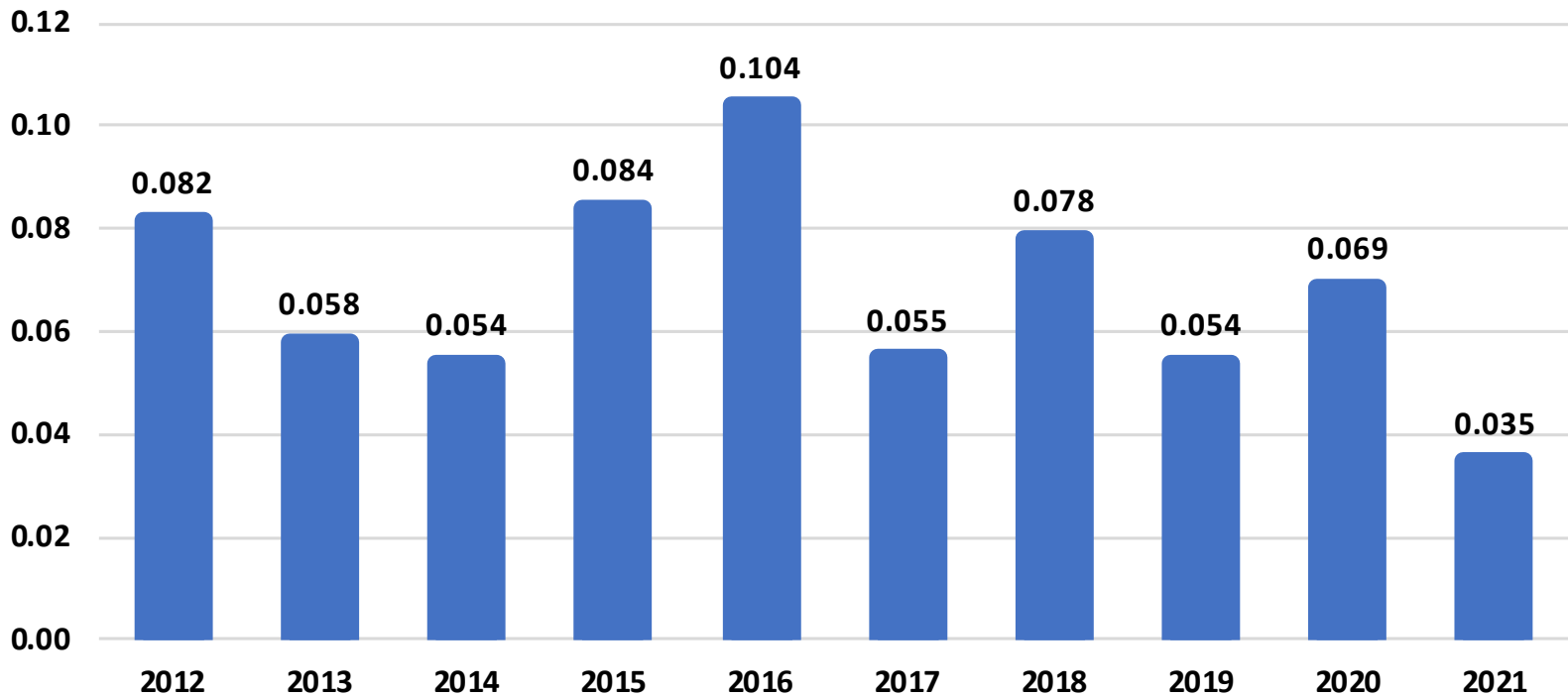


Durum Wheat Production

United States



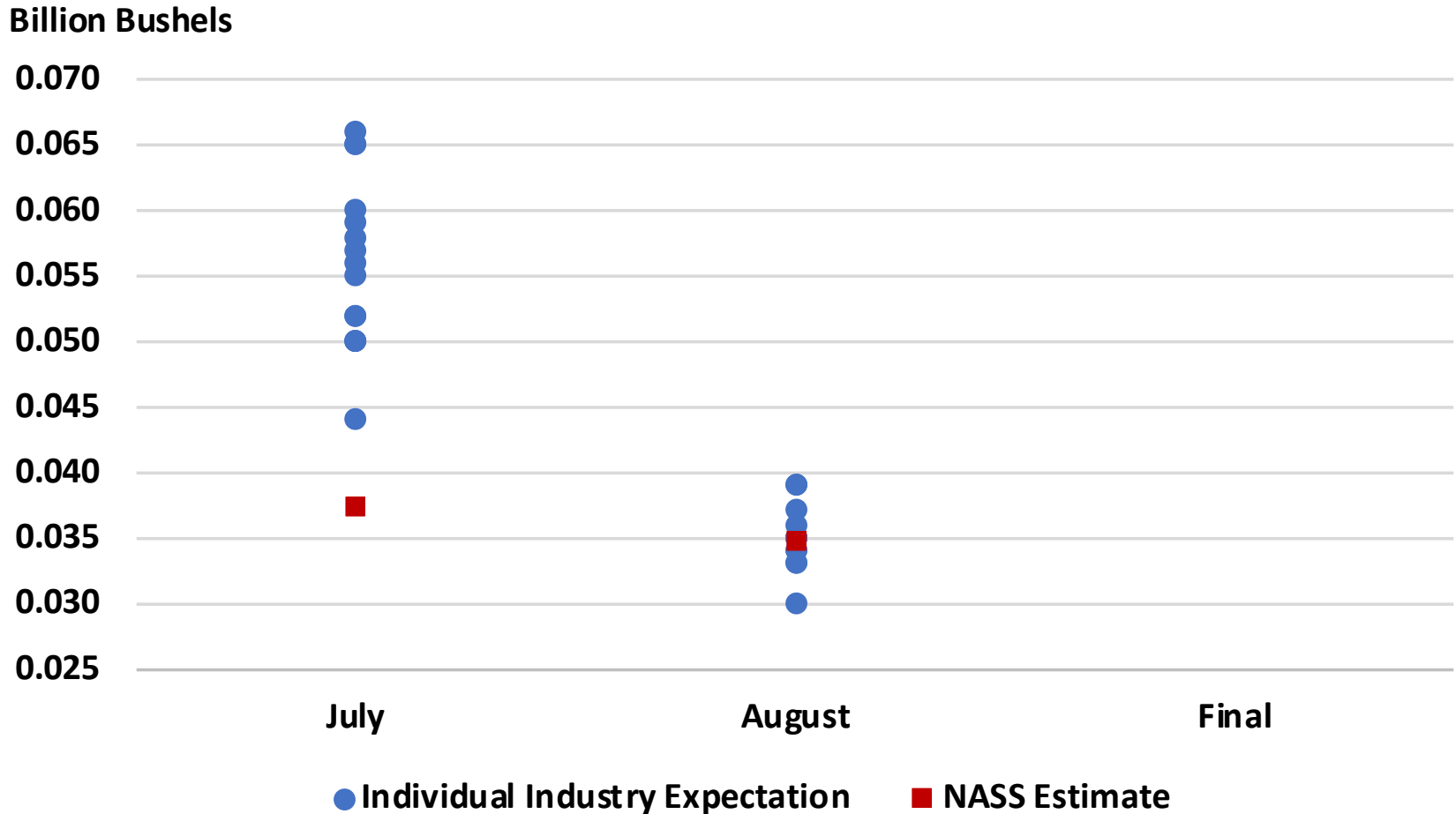
Billion Bushels





2021 U.S. Durum Wheat Production

Industry Expectations vs NASS





August 2021 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	2,603	2,044	51.6	Bu	105,557	Bu
% Change from Previous Estimate	NC	NC	↓ 7.7		↓ 7.6	
% Change from Previous Season	↓ 0.7	↓ 4.2	↓ 33.4		↓ 36.2	
Dry Edible Beans	1,455	1,391	1,675	Lb	23,302	Cwt
% Change from Previous Estimate	↓ 3.5	↓ 3.5	N/A		N/A	
% Change from Previous Season	↓ 16.4	↓ 17.0	↓ 14.8		↓ 29.3	
Alfalfa Hay	N/A	16,123	2.97	Ton	47,813	Ton
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↓ 0.7	↓ 9.2		↓ 9.9	
Other Hay	N/A	35,414	2.00	Ton	70,927	Ton
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↓ 1.6	↓ 2.4		↓ 3.8	
Hops	N/A	60.8	1,924	Lb	116,880	Lb
% Change from Previous Estimate	N/A	↑ <0.1	N/A		N/A	
% Change from Previous Season	N/A	↑ 3.6	↑ 8.7		↑ 12.6	



August 2021 Field Crops Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Oats	2,352	722	57.4	Bu	41,431	Bu
% Change from Previous Estimate	NC	NC	↑ 0.3		↑ 0.3	
% Change from Previous Season	↓ 21.2	↓ 28.1	↓ 11.8		↓ 36.6	
Peanuts	1,633	1,587	4,183	Lb	6,635,800	Lb
% Change from Previous Estimate	NC	↓ 0.6	N/A		N/A	
% Change from Previous Season	↓ 1.9	↓ 1.8	↑ 10.2		↑ 8.2	
Rice	2,661	2,616	7,544	Lb	197,360	Cwt
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↓ 12.4	↓ 12.4	↓ 1.0		↓ 13.3	
Sugarbeets	1,163	1,134	29.7	Ton	33,710	Ton
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 0.1	↓ 0.8	↑ 1.0		↑ 0.3	
Sugarcane	N/A	932	36.8	Ton	34,305	Ton
% Change from Previous Estimate	N/A	↓ 1.7	N/A		N/A	
% Change from Previous Season	N/A	↓ 1.6	↓ 3.4		↓ 5.0	



August 2021 Field Crops Acreage, Yield, and Production

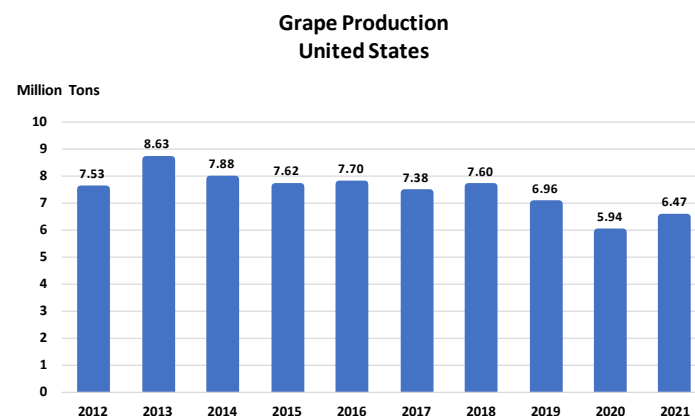
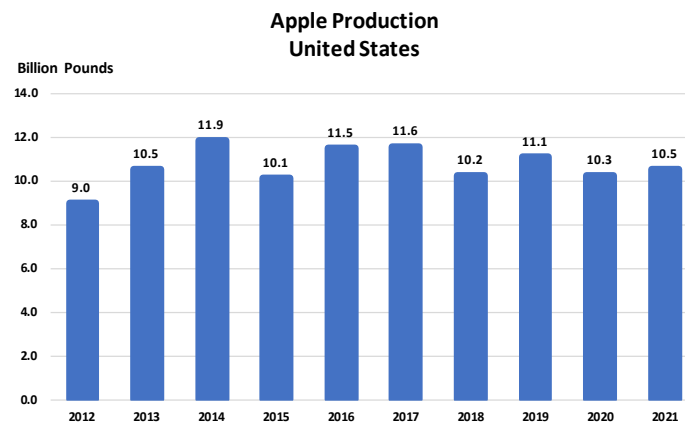
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Tobacco	N/A	224	2,096	Lb	469,725	Lb
% Change from Previous Estimate	N/A	↓ 0.2	N/A		N/A	
% Change from Previous Season	N/A	↑ 13.1	↑ 6.6		↑ 20.6	



August 2021 Noncitrus Fruits and Nuts Production



	Production (1,000 Units)	Unit
Apples	10,525,000	Lb
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 2.7	
Cranberries	7,900	Brl
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 0.9	
Grapes	6,470	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 8.9	
Peaches	697	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 12.7	
Pears	670	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 0.3	





Selected Upcoming Reports



August 18	Farm Computer Usage and Ownership
August 20	Cattle on Feed Rice Stocks
August 27	Cash Rents - County
August 31	Agricultural Prices Mushrooms
September 1	Cotton System Fats & Oils Grain Crashings
September 8	Citrus Fruits
September 10	Cotton Ginnings Crop Production

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STAT CHAT SERIES

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

THURS, AUG. 12 @ 1PM ET



You can tweet questions in advance to @usda_nass.

#STATCHAT



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For Questions

(202) 720-2127

(800) 727-9540

nass@usda.gov