



August Crop Production

Agricultural Statistics Board Briefing

**Lance Honig, Chief
Crops Branch**

August 11, 2023



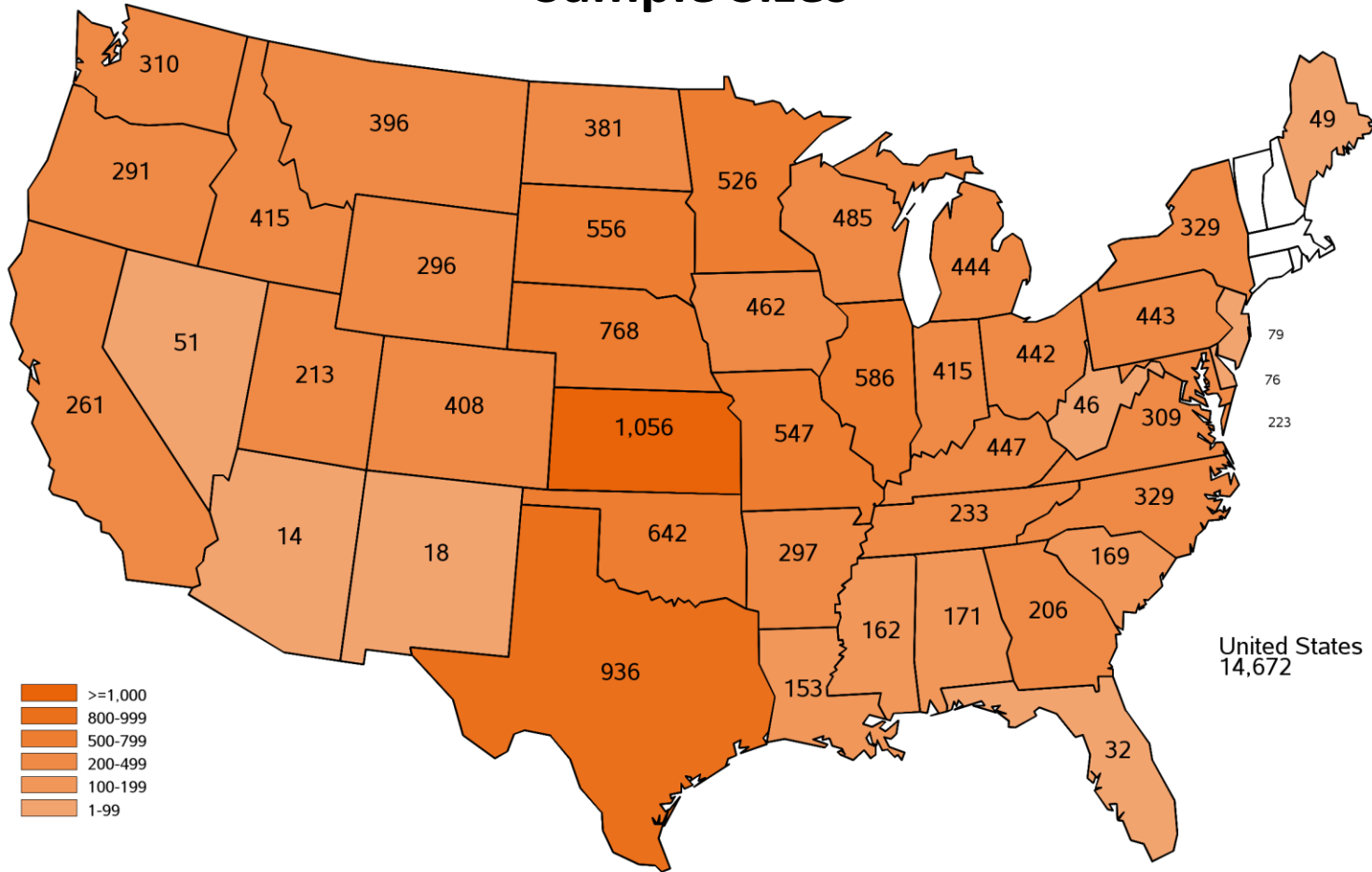
Data Sources



Operator Reported Survey	Ag Yield	Sample Size = 14,672	July 29 - August 7
Field Survey	Objective Yield Winter Wheat	Sample Size = 1,155	July 24 - August 1
Remotely Sensed (Satellite)	Time Series 250 Meter MODIS Satellite Data	Focus Area Corn Belt	Imagery Through July 27
FSA Certified Acres	Farm Service Agency policy requires that producers participating in several programs submit an annual report regarding all cropland use on their farms.		

August 2023 Ag Yield Survey

Sample Sizes





Special Note

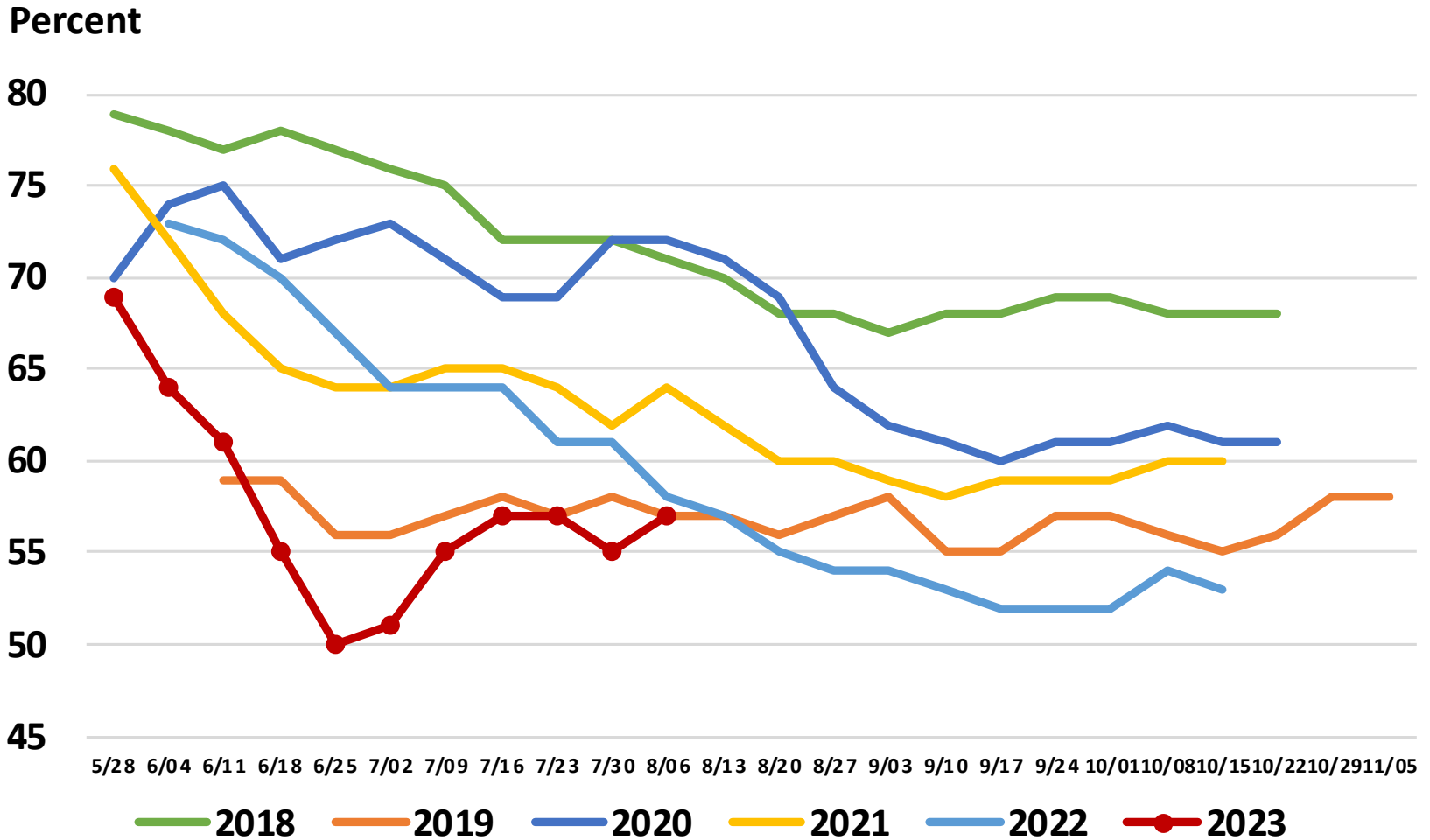


Beginning this year, NASS is reviewing planted and harvested acreage estimates for barley, oats, and wheat (winter, other spring, and Durum) in the August *Crop Production* report. Revisions are based on all available data, including the latest certified acreage data from the Farm Service Agency (FSA). All States in the estimating program for these crops were subject to review and updating.



United States Corn Condition

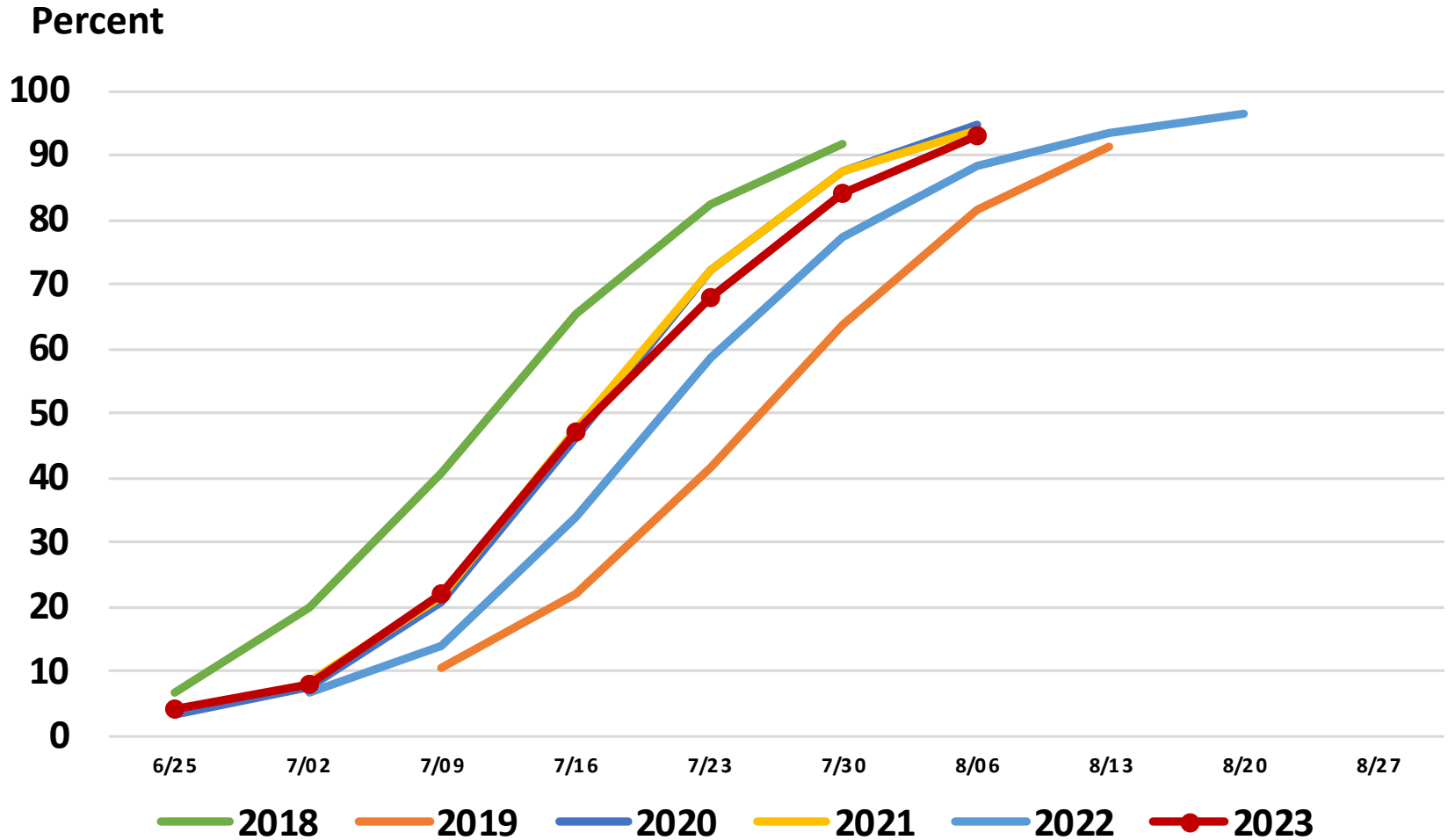
Percent Rated Good to Excellent





United States Corn Progress

Percent Silking





August 2023 Corn

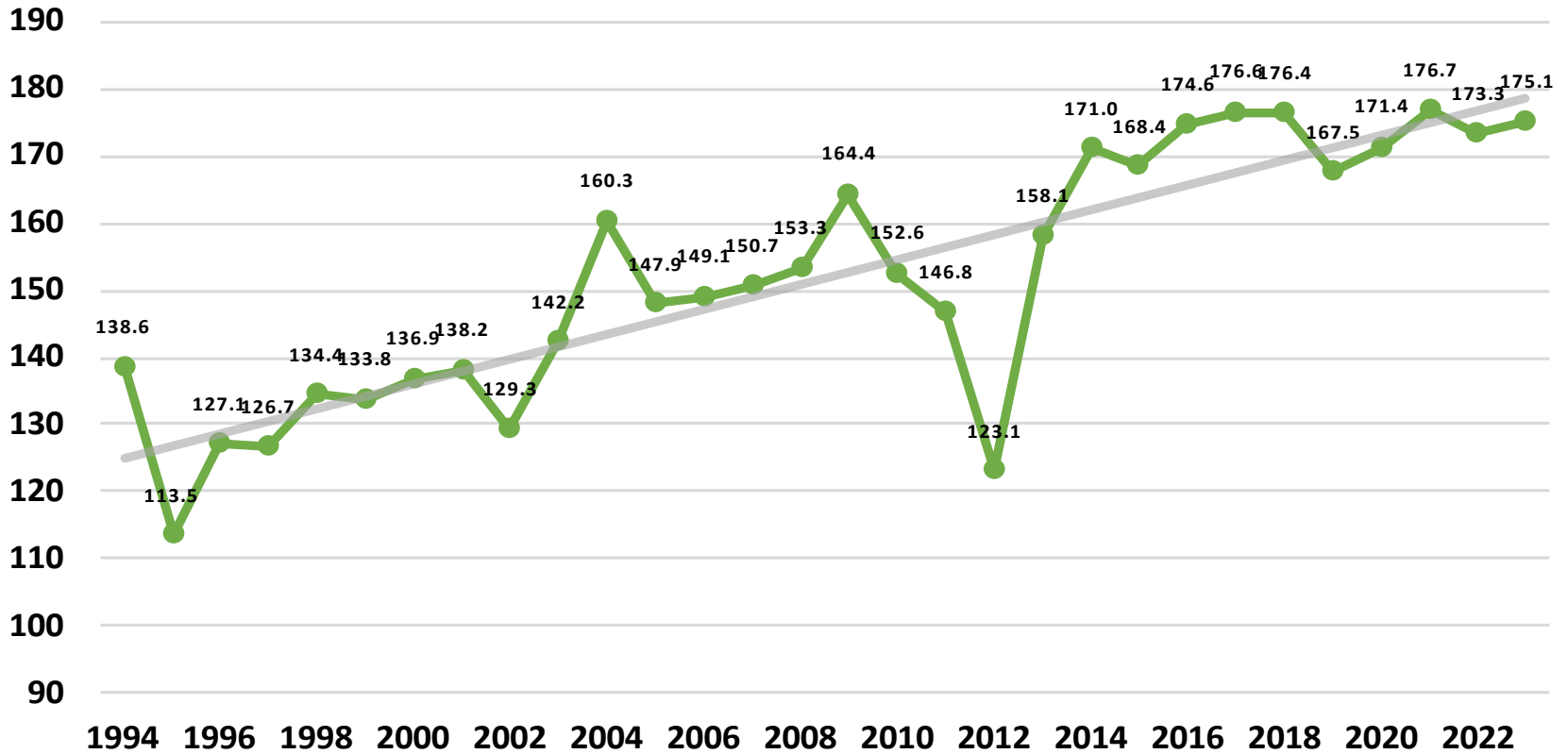
Acreage, Yield, and Production

	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
United States	94,096		86,322		175.1		15,110,787	
% Change from Previous Estimate	NC		NC		N/A		N/A	
% Change from Previous Season	↑	6.2	↑	9.0	↑	1.0	↑	10.1

	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	13,400	↑	3.9	12,900	↑	4.0	203	↑	1.5	2,618,700	↑	5.6
Illinois	11,500	↑	6.5	11,300	↑	6.6	201	↓	6.1	2,271,300	↑	0.1
Nebraska	9,500	↓	1.0	9,160	↑	3.9	184	↑	11.5	1,685,440	↑	15.8
Minnesota	8,400	↑	5.0	8,000	↑	6.8	183	↓	6.2	1,464,000	↑	0.2
Indiana	5,500	↑	4.8	5,380	↑	4.9	195	↑	2.6	1,049,100	↑	7.6

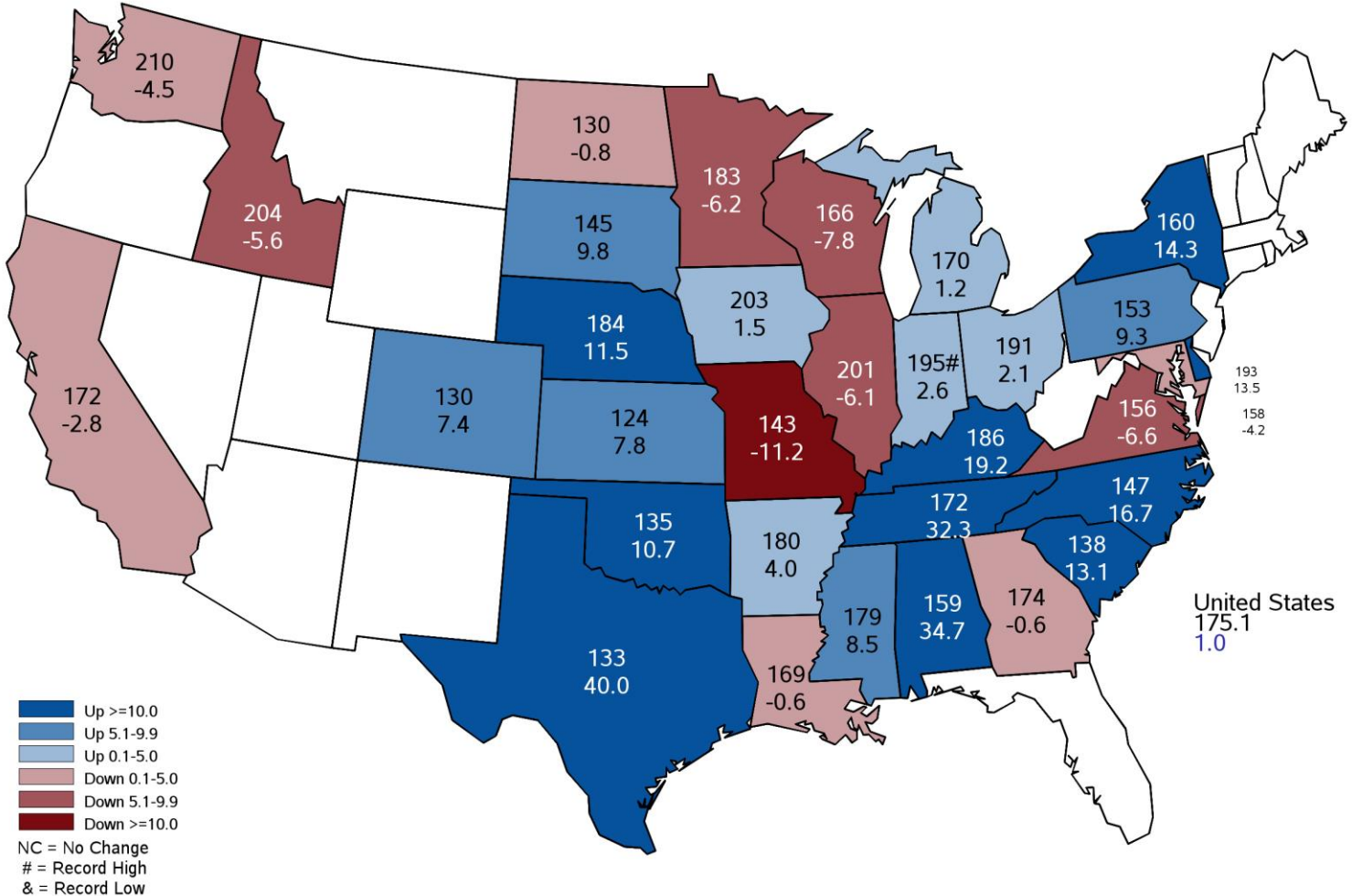
Corn Yield United States

Bushels per Acre



August 2023 Corn Yield

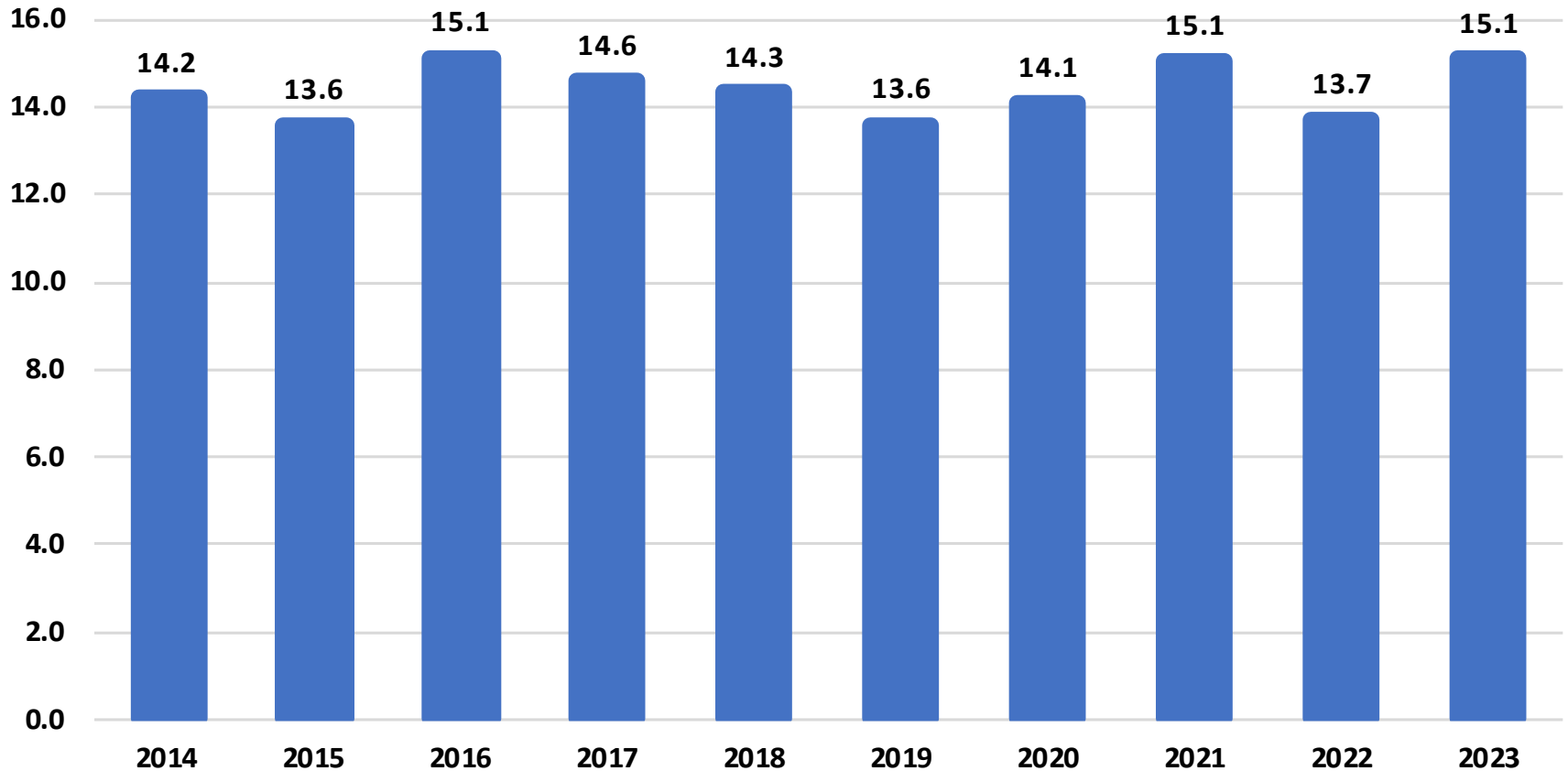
Bushels and Percent Change from Previous Year



Corn Production

United States

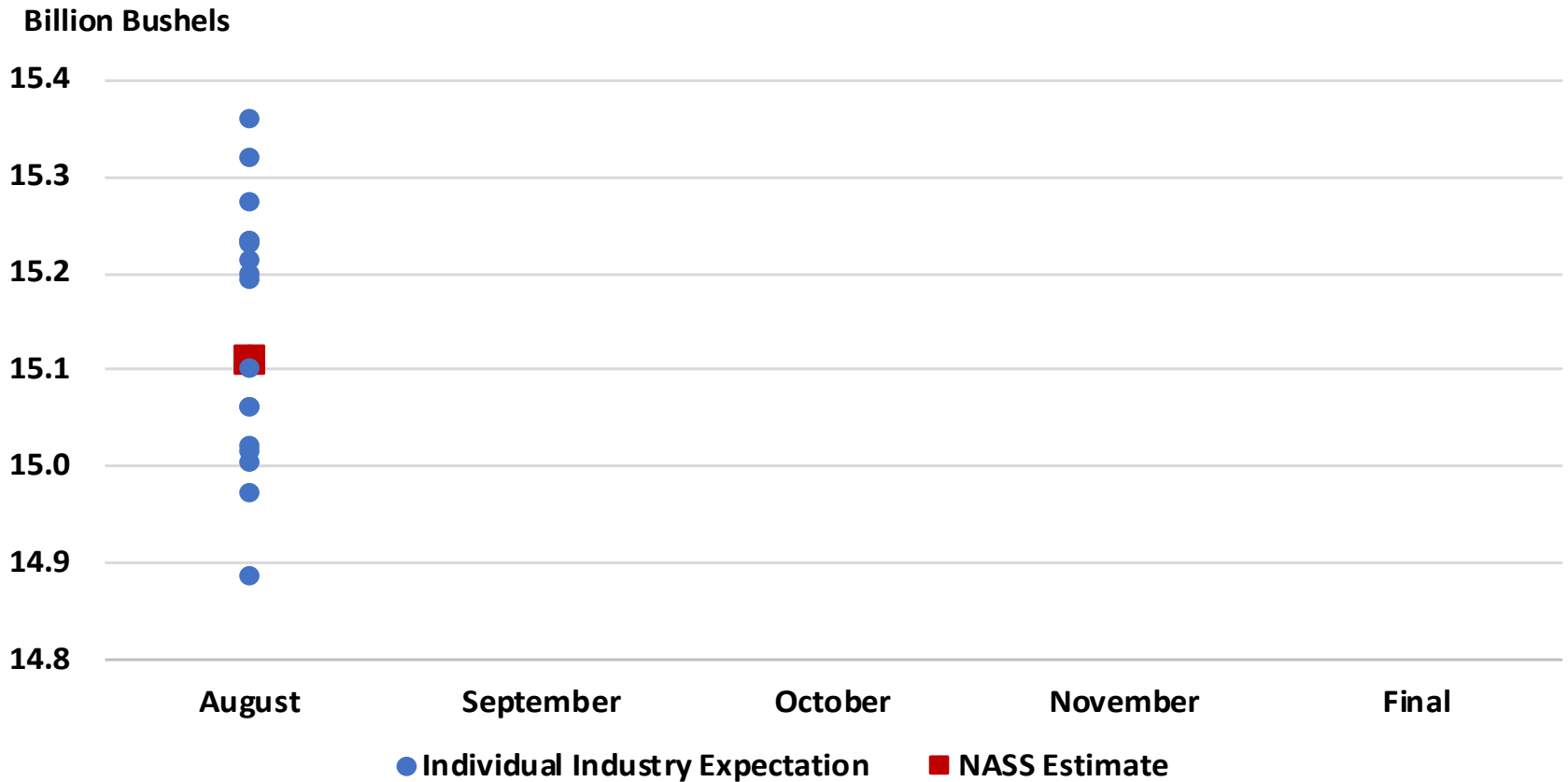
Billion Bushels





2023 U.S. Corn Production

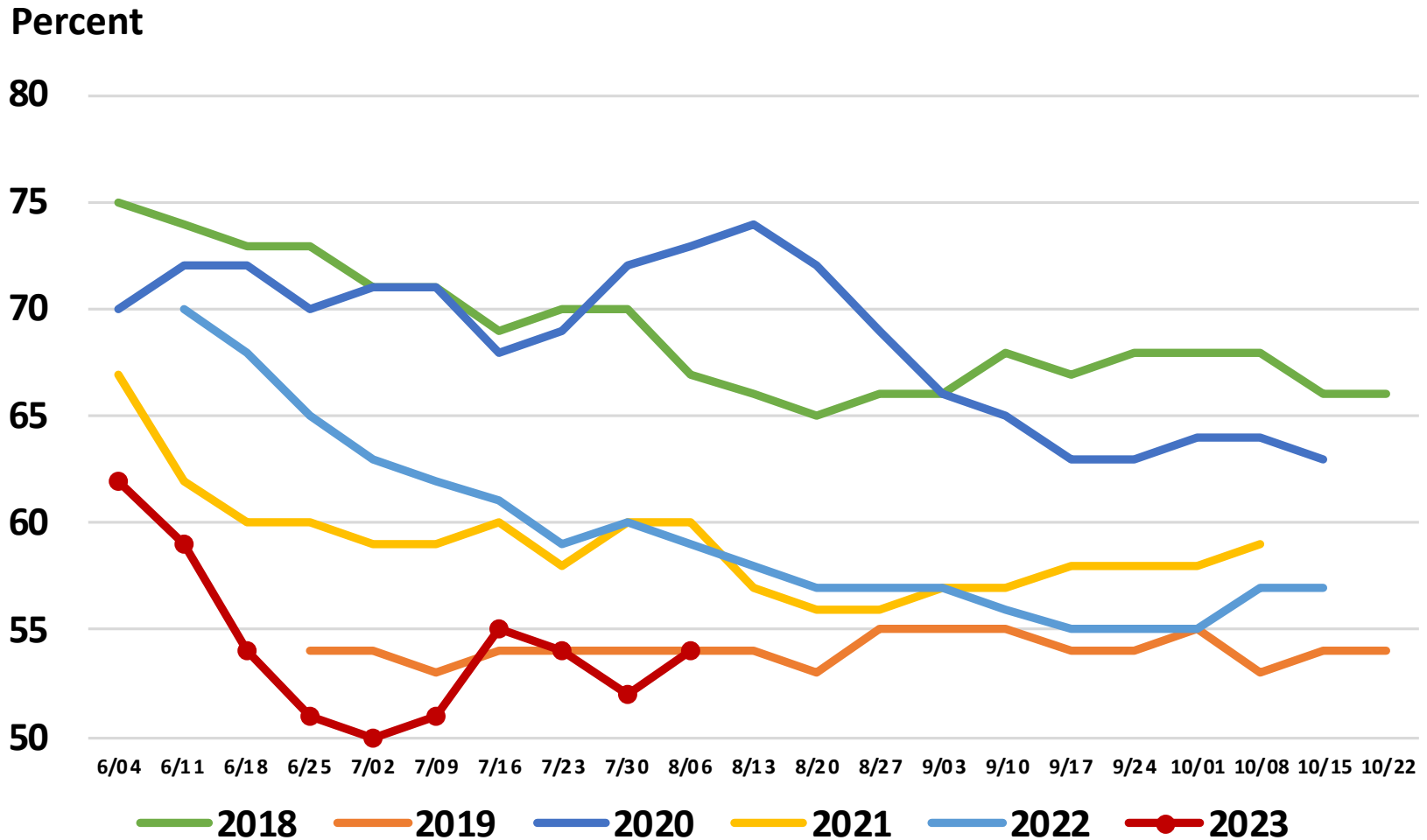
Industry Expectations vs NASS





United States Soybean Condition

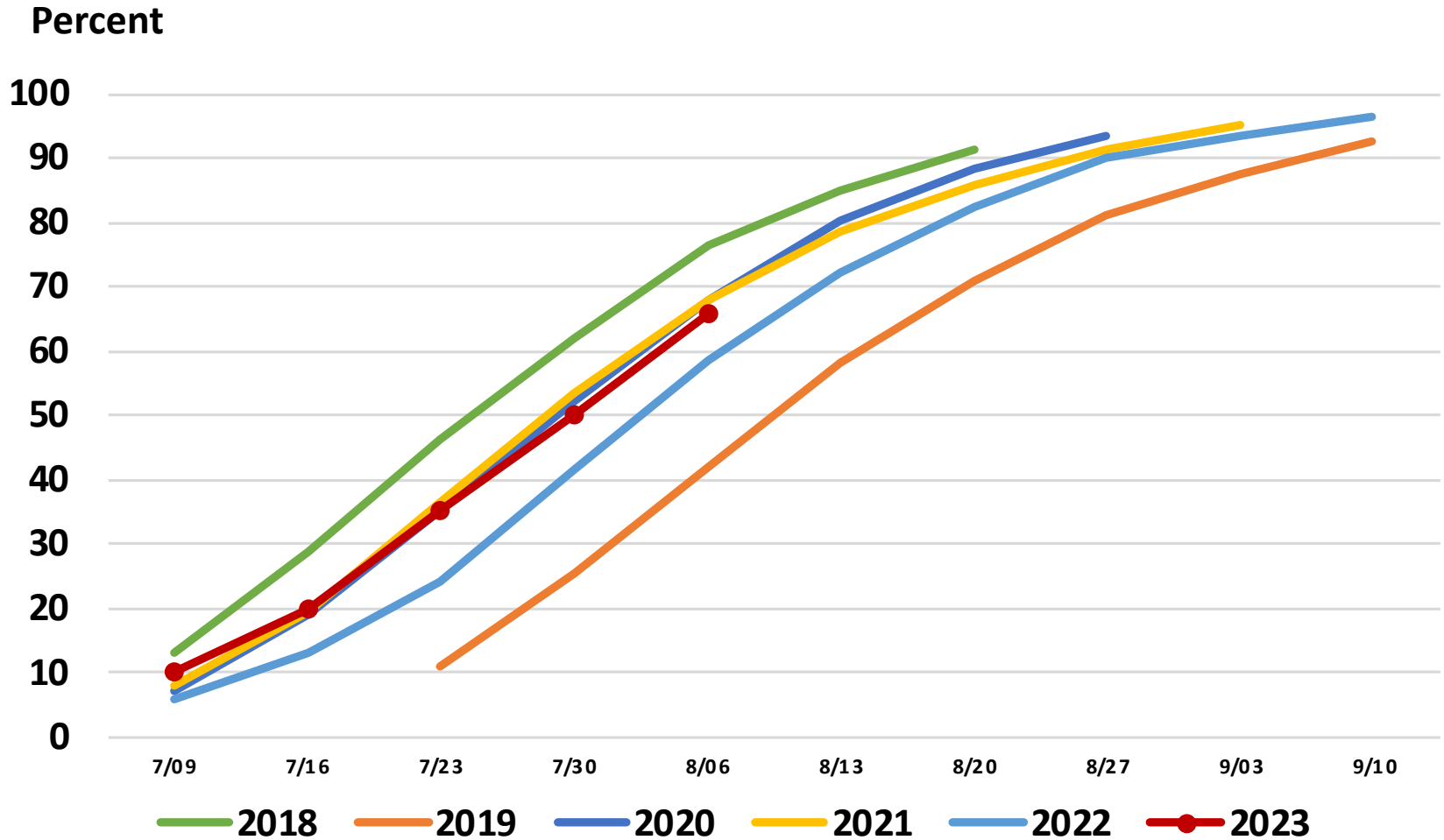
Percent Rated Good to Excellent





United States Soybean Progress

Percent Setting Pods





August 2023 Soybeans

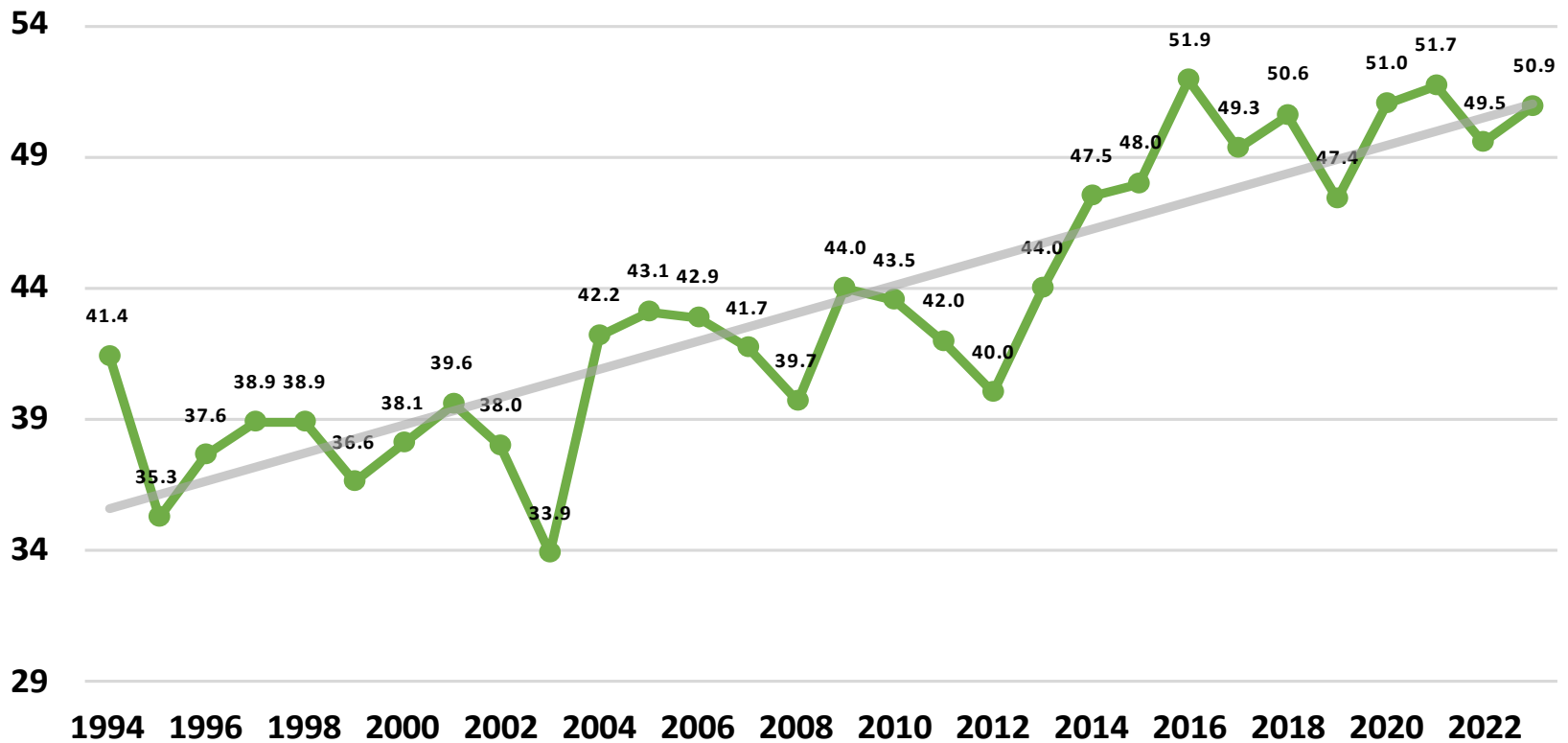
Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	83,505	82,696	50.9	4,205,450
% Change from Previous Estimate	NC	NC	N/A	N/A
% Change from Previous Season	↓ 4.5	↓ 4.2	↑ 2.8	↓ 1.7

	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	10,000	↓ 7.4	9,950	↓ 7.4	62.0	↓ 1.6	616,900	↓ 8.9
Iowa	9,700	↓ 4.0	9,620	↓ 4.1	58.0	↓ 0.9	557,960	↓ 4.9
Minnesota	7,500	↑ 0.7	7,430	↑ 0.5	49.0	↓ 2.0	364,070	↓ 1.5
Indiana	5,500	↓ 6.0	5,480	↓ 6.0	60.0	↑ 4.3	328,800	↓ 1.9
Nebraska	5,500	↓ 4.3	5,450	↓ 4.0	58.0	↑ 18.4	316,100	↑ 13.6

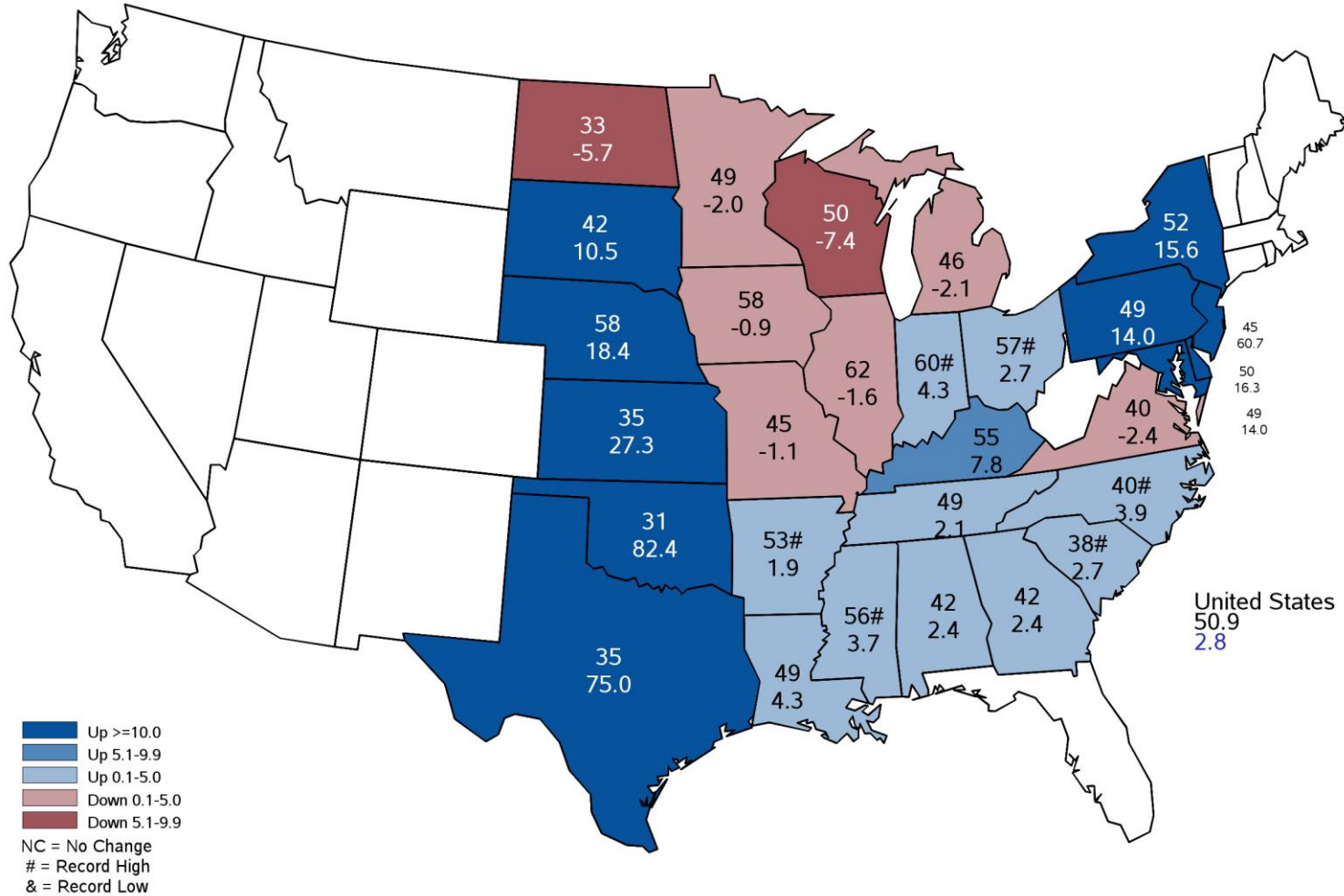
Soybean Yield United States

Bushels per Acre



August 2023 Soybean Yield

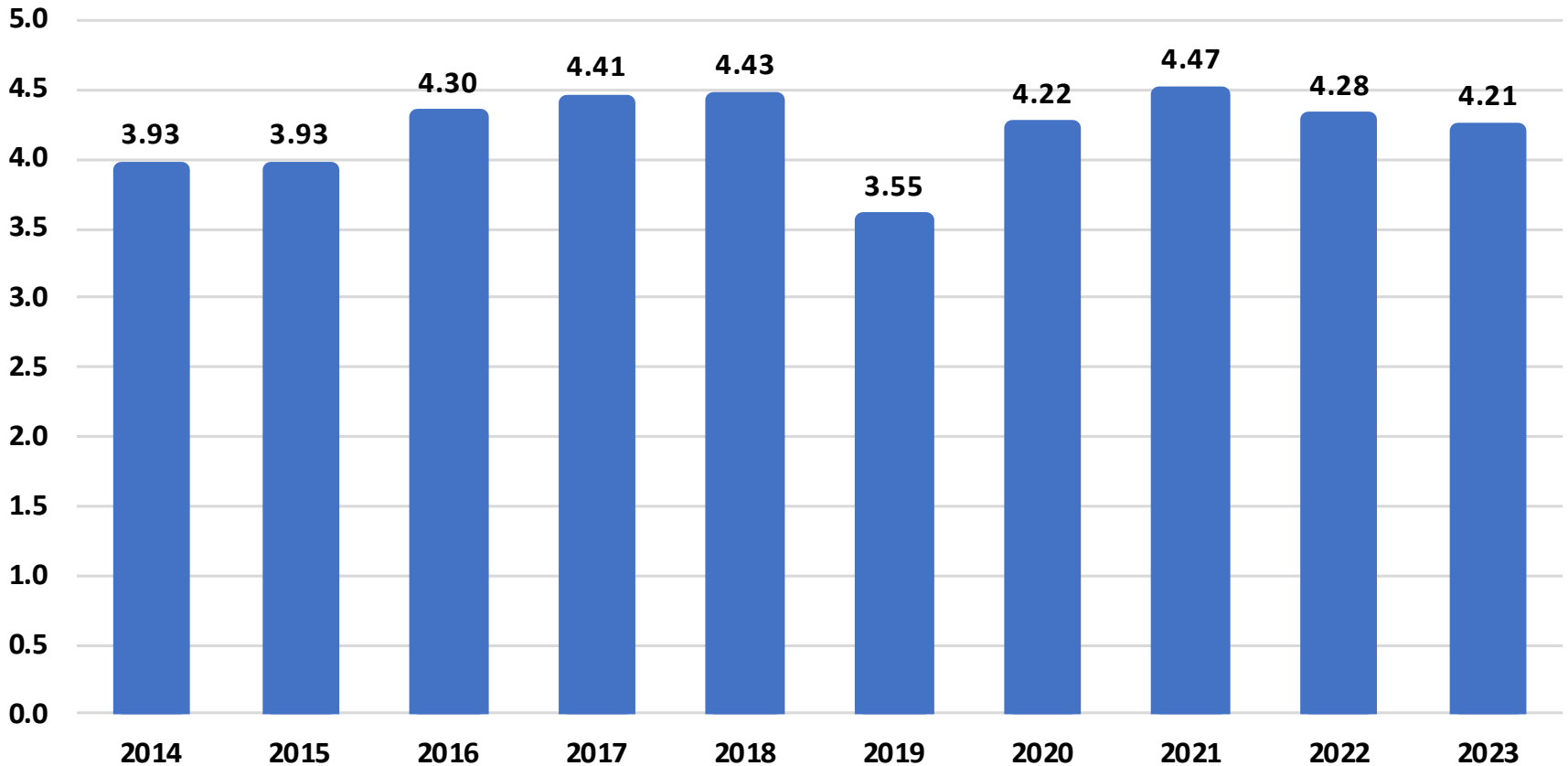
Bushels and Percent Change from Previous Year



Soybean Production

United States

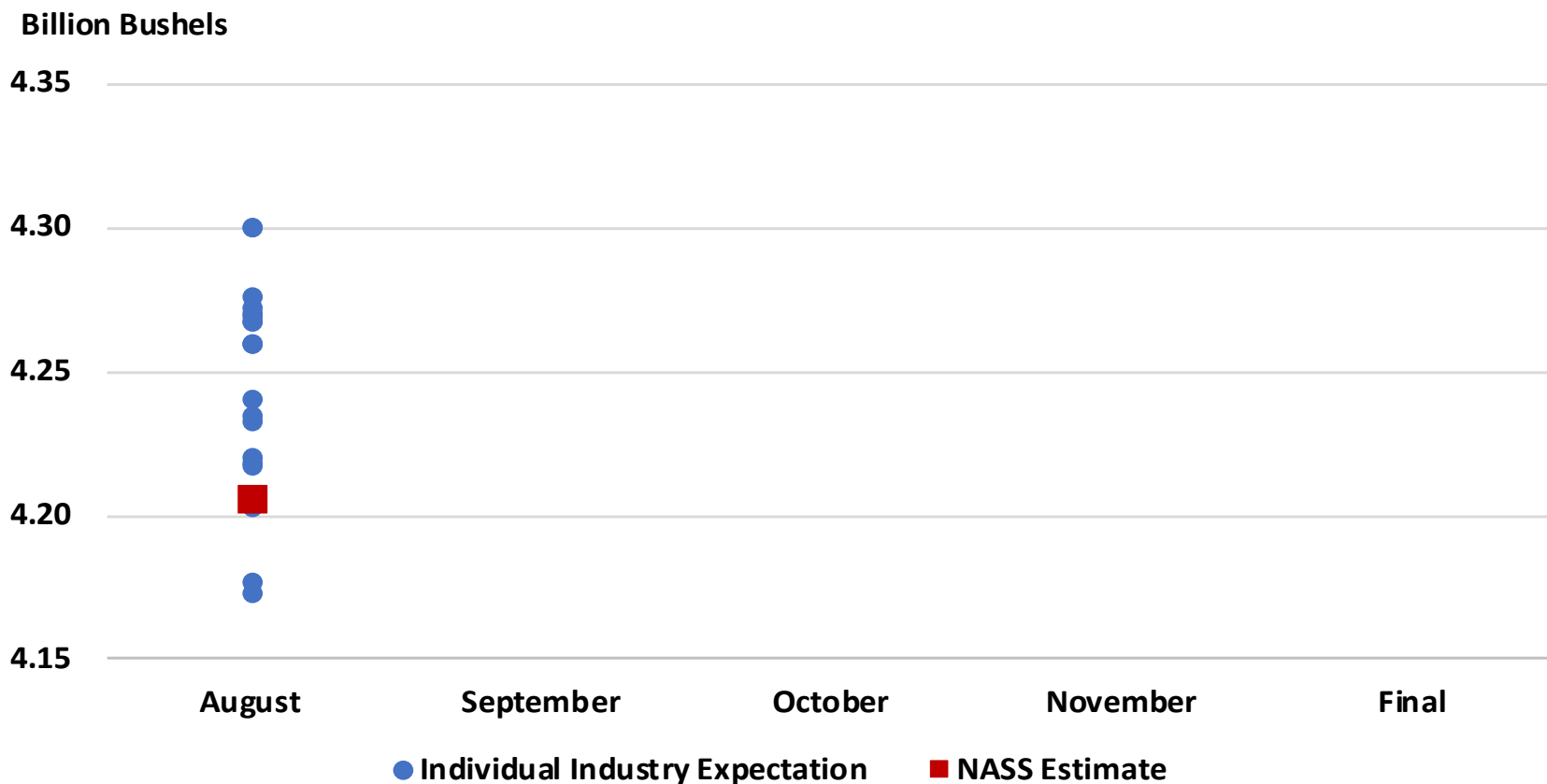
Billion Bushels





2023 U.S. Soybean Production

Industry Expectations vs NASS

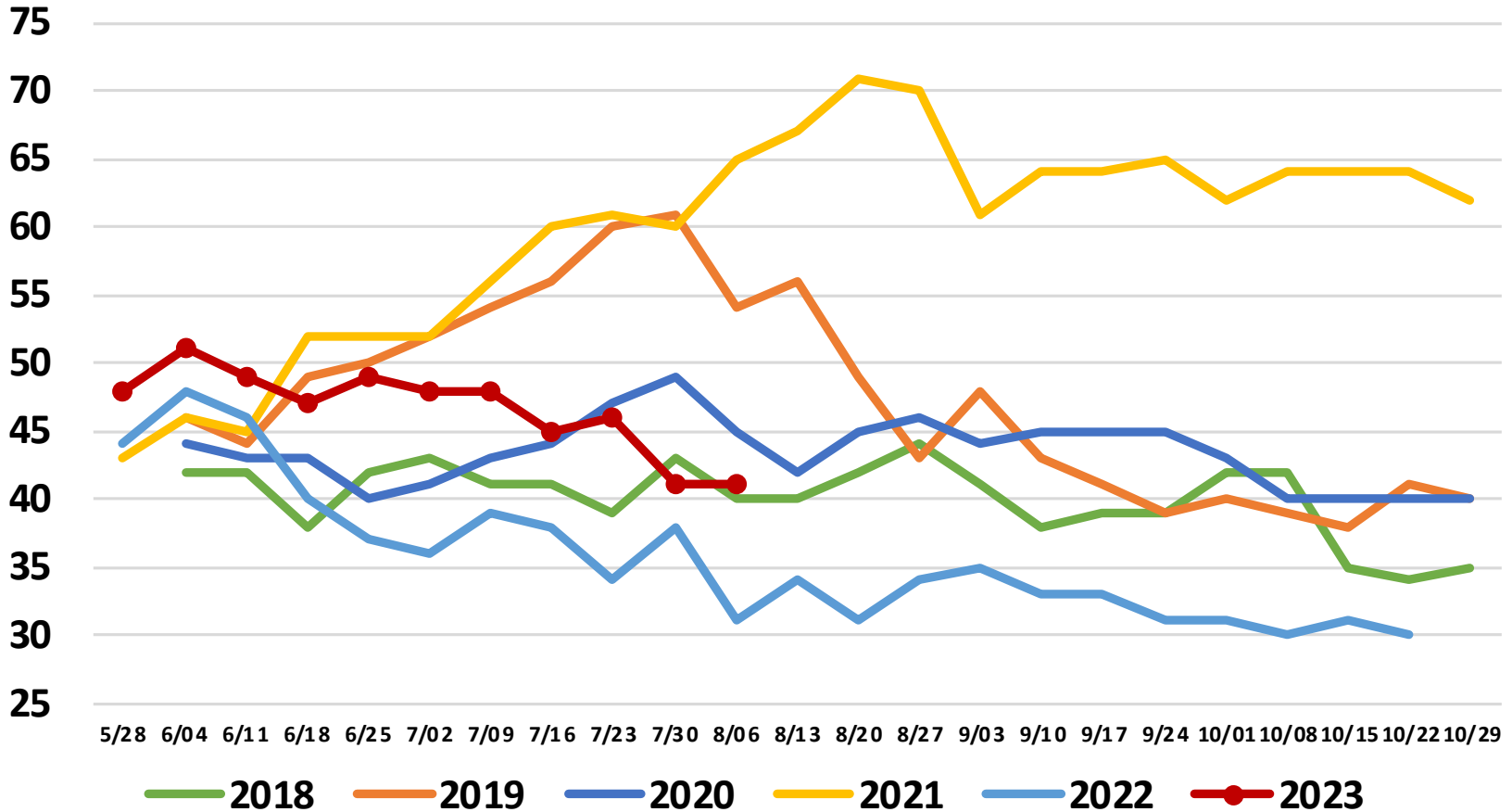




United States Cotton Condition

Percent Rated Good to Excellent

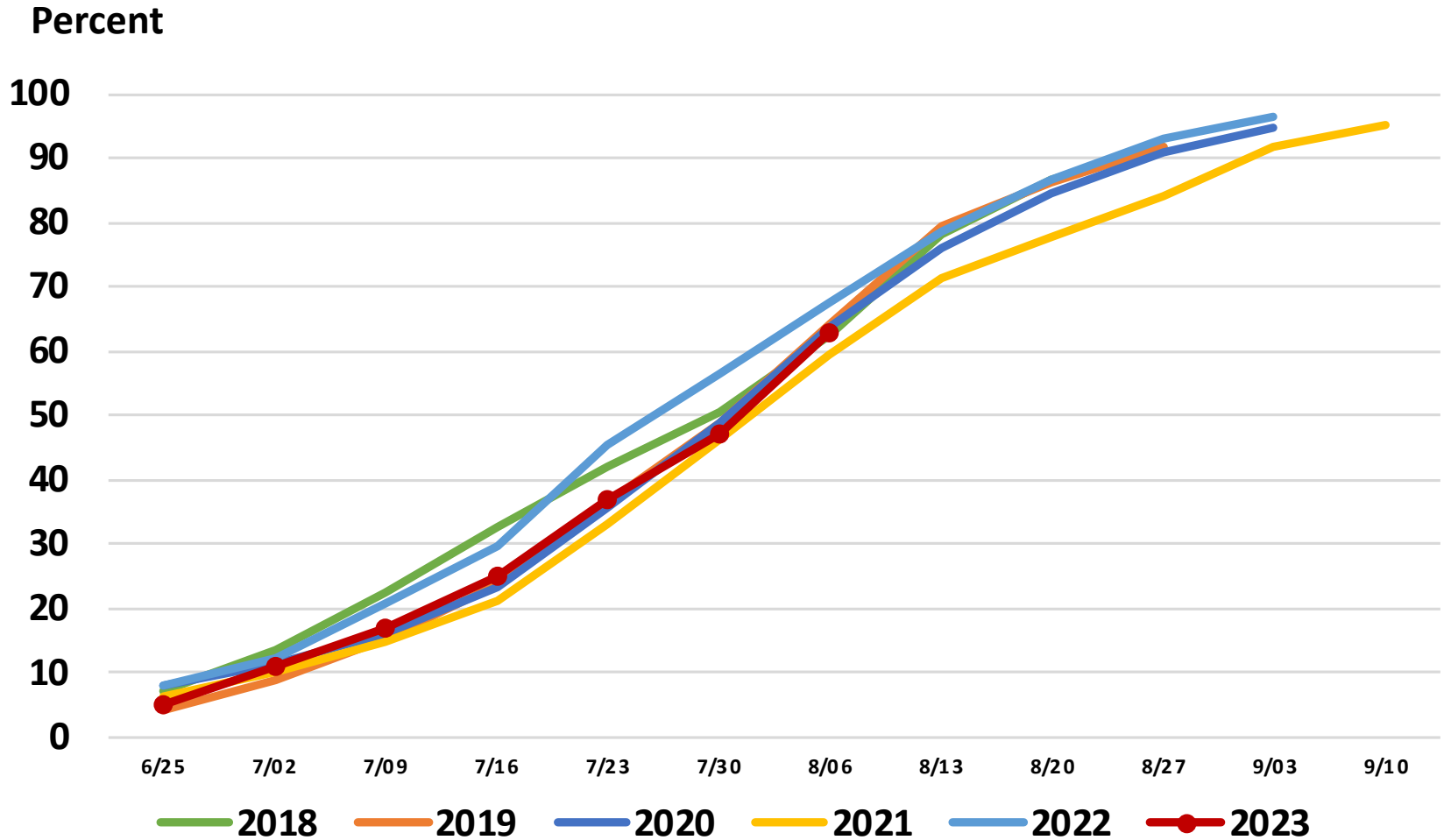
Percent





United States Cotton Progress

Percent Setting Bolls





August 2023 Cotton

Acreage, Yield, and Production

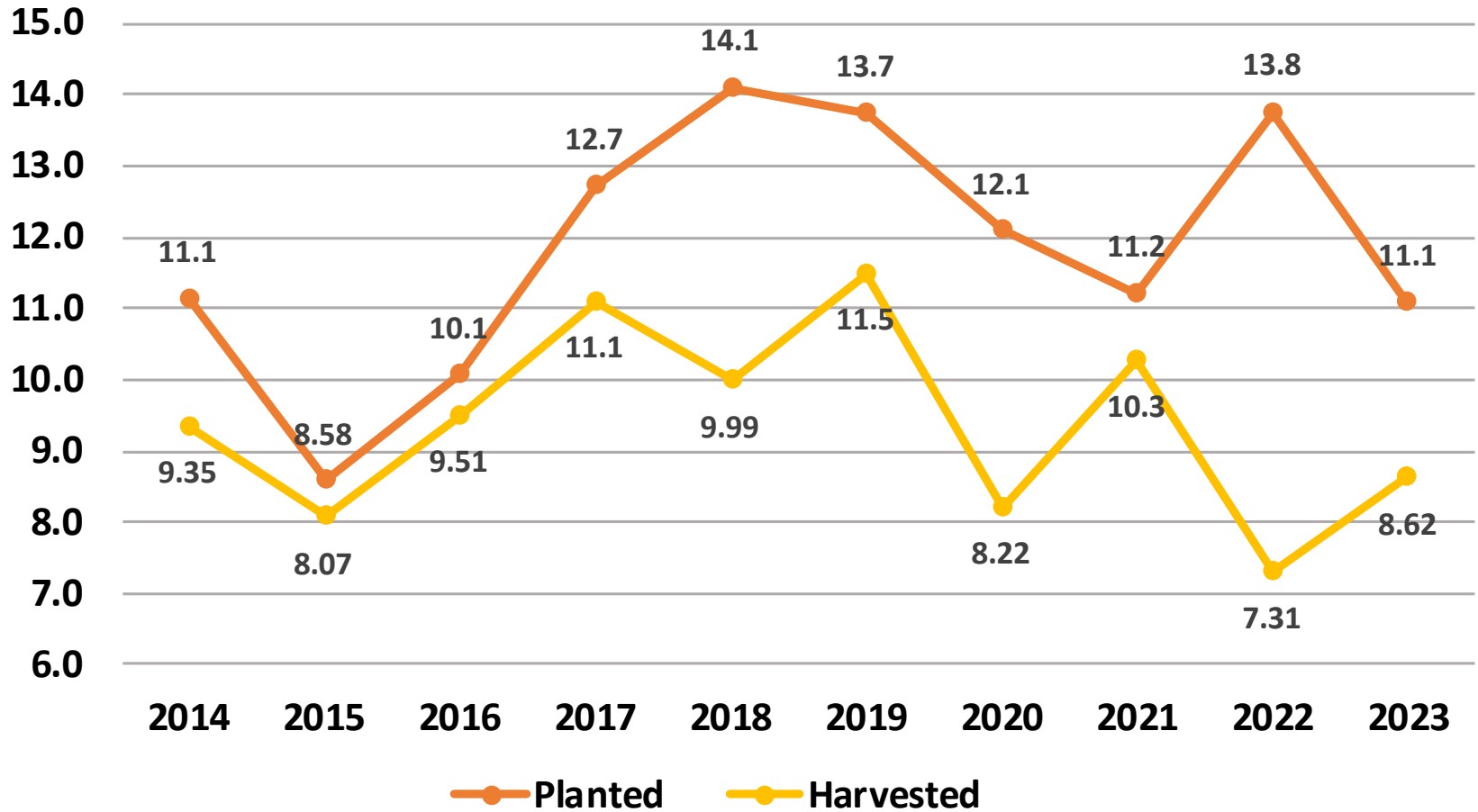
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
United States	11,087	8,624	779	13,992
% Change from Previous Estimate	NC	N/A	N/A	N/A
% Change from Previous Season	↓ 19.4	↑ 18.0	↓ 18.0	↓ 3.3

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	6,117	↓ 22.4	3,915	↑ 93.0	518.0	↓ 29.4	4,226	↑ 36.1			
Georgia	1,200	↓ 7.0	1,190	↓ 6.3	1,029.0	↑ 2.7	2,550	↓ 3.8			
Arkansas	480	↓ 25.0	475	↓ 24.6	1,203.0	↑ 2.0	1,190	↓ 23.1			
Mississippi	380	↓ 28.3	375	↓ 28.6	1,101.0	↑ 1.6	860	↓ 27.5			
North Carolina	380	↓ 19.1	370	↓ 19.6	1,025.0	↓ 2.3	790	↓ 21.4			

Cotton Acres

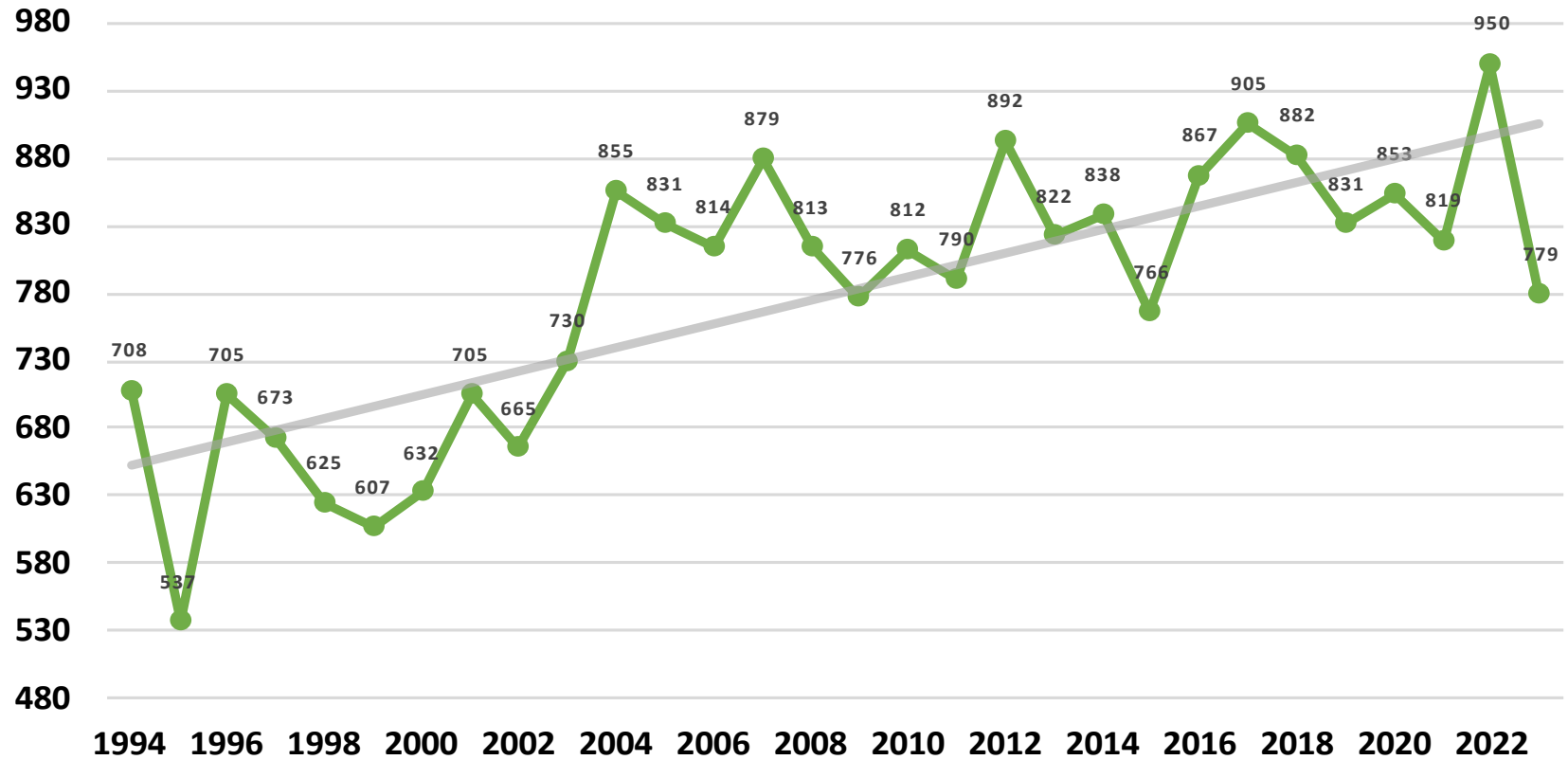
United States

Million Acres



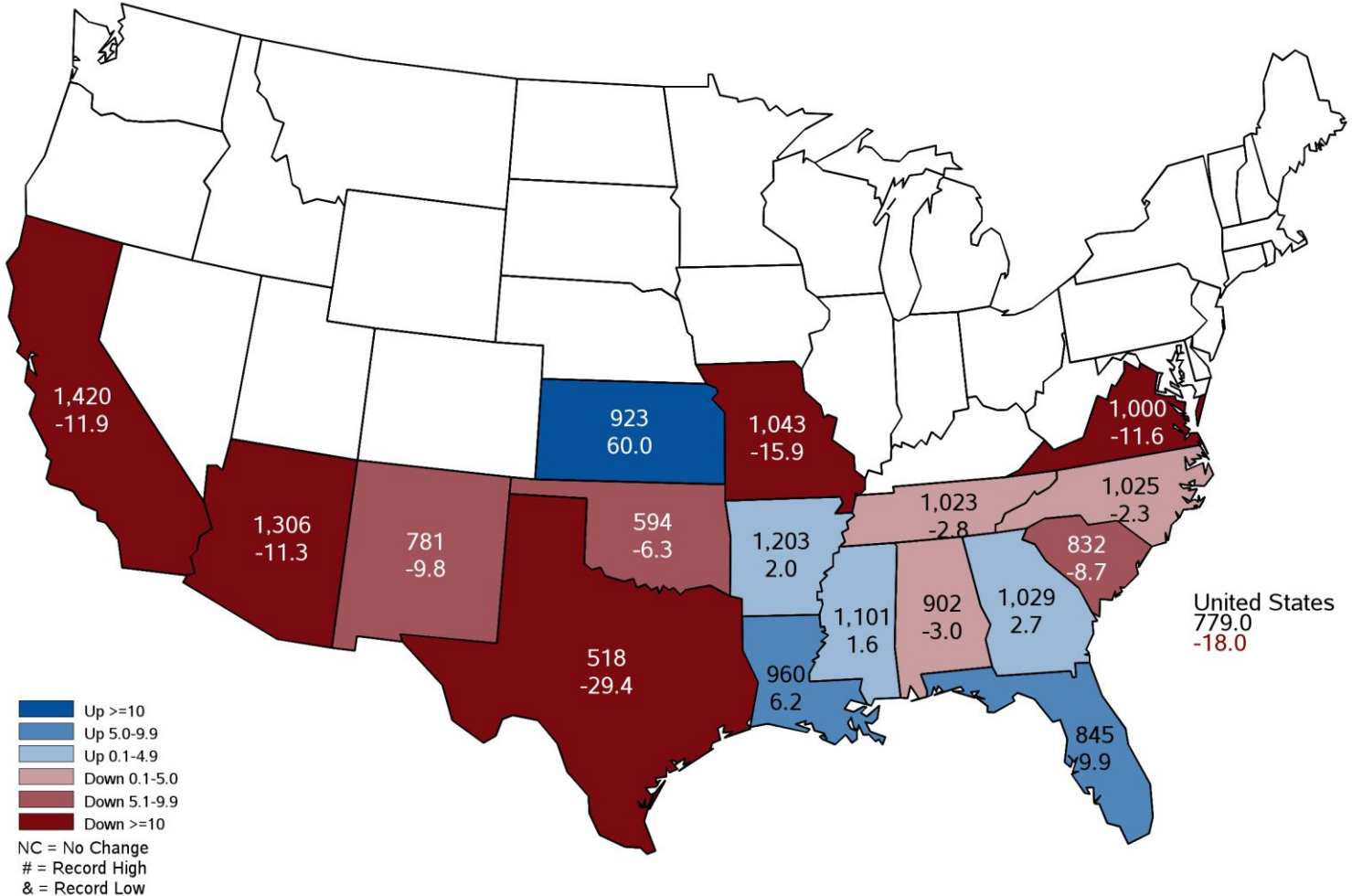
Cotton Yield United States

Pounds per Acre



August 2023 Cotton Yield

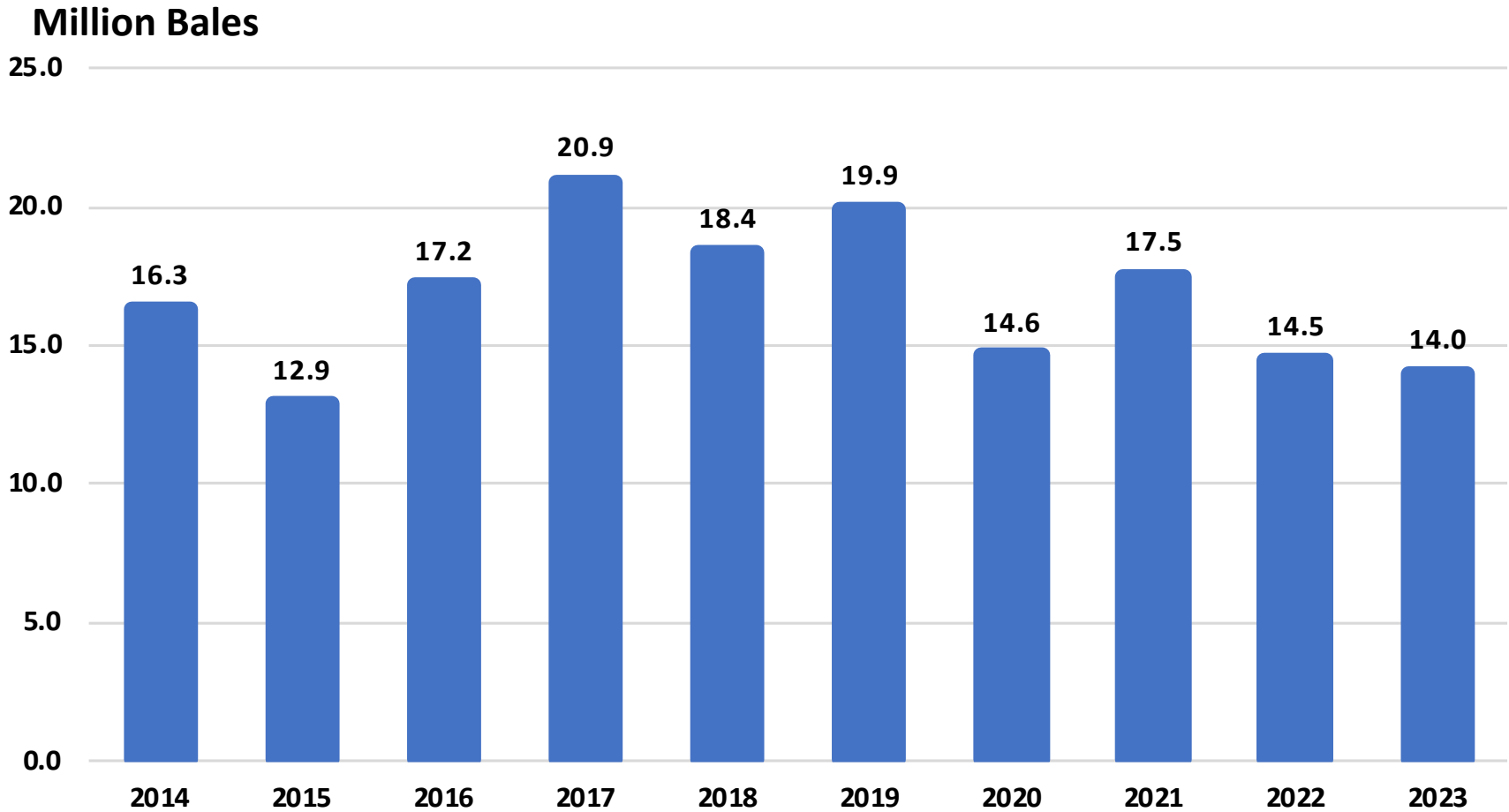
Pounds and Percent Change from Previous Year





Cotton Production

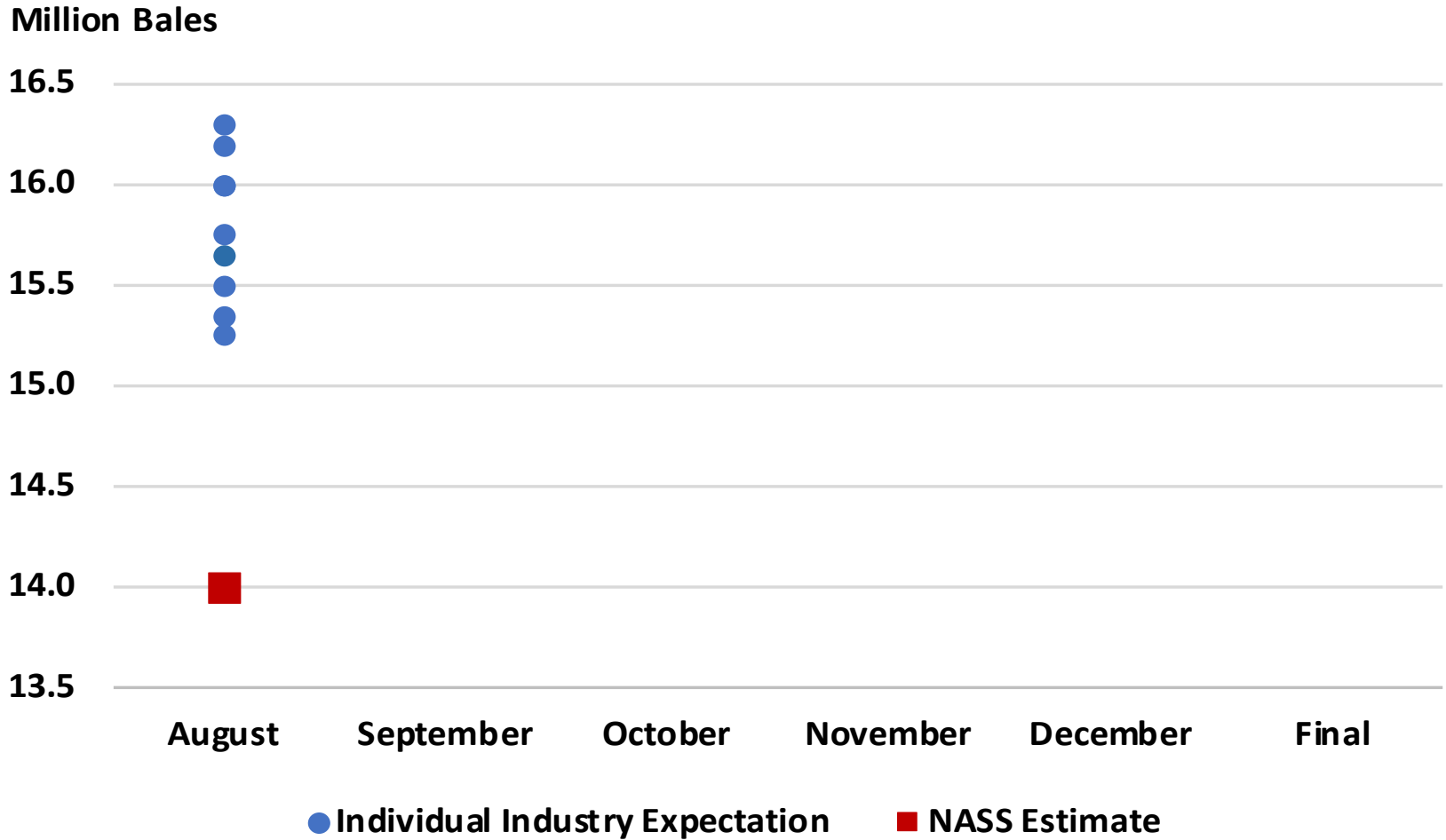
United States





2023 U.S. Cotton Production

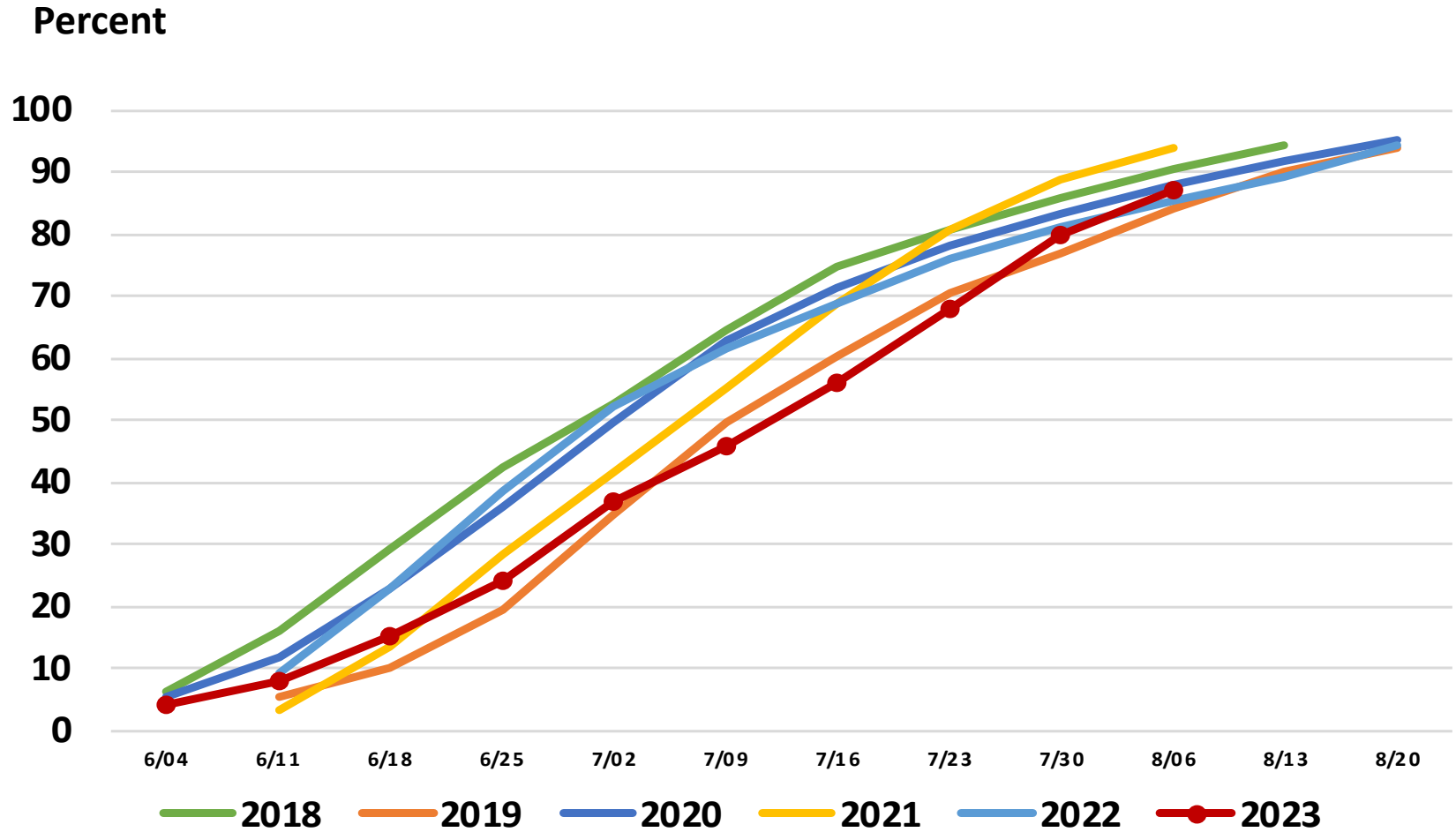
Industry Expectations vs NASS





United States Winter Wheat Progress

Percent Harvested





August 2023 Winter Wheat Acreage, Yield, and Production

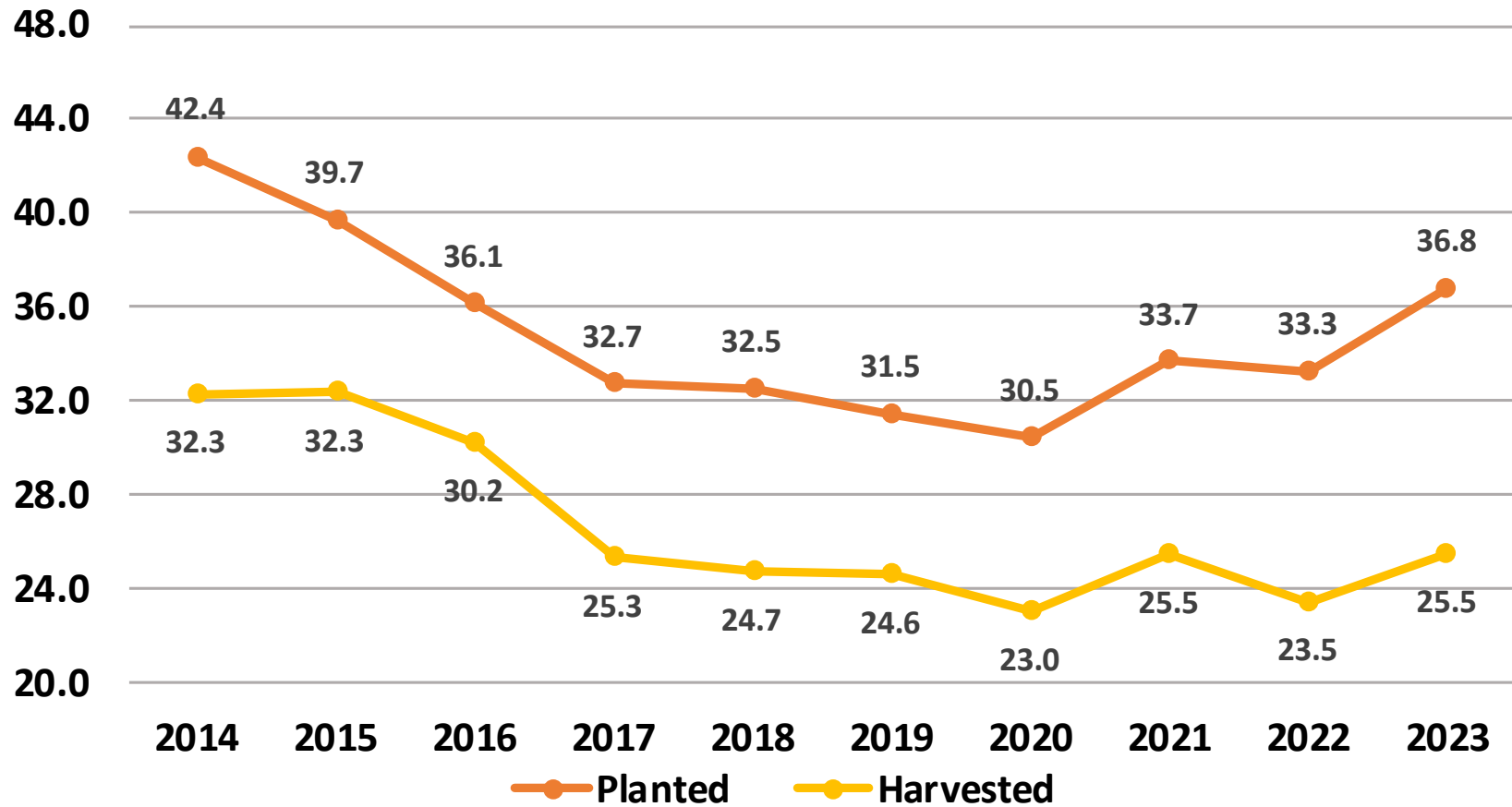
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	36,810	25,495	48.1	1,227,235
% Change from Previous Estimate	↓ 0.5	↓ 0.8	↑ 2.6	↑ 1.7
% Change from Previous Season	↑ 10.6	↑ 8.7	↑ 2.3	↑ 11.2

	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	8,100	↑ 11.0	6,500	↓ 1.5	32.0	↓ 13.5	208,000	↓ 14.8
Washington	1,800	↓ 2.7	1,740	↓ 3.3	54.0	↓ 20.6	93,960	↓ 23.2
Montana	1,900	↓ 7.3	1,650	↓ 8.3	48.0	↑ 45.5	79,200	↑ 33.3
Colorado	2,300	↑ 17.9	1,800	↑ 25.9	41.0	↑ 64.0	73,800	↑ 106.4
Texas	6,400	↑ 20.8	2,000	↑ 53.8	35.0	↑ 16.7	70,000	↑ 79.5

Winter Wheat Acres

United States

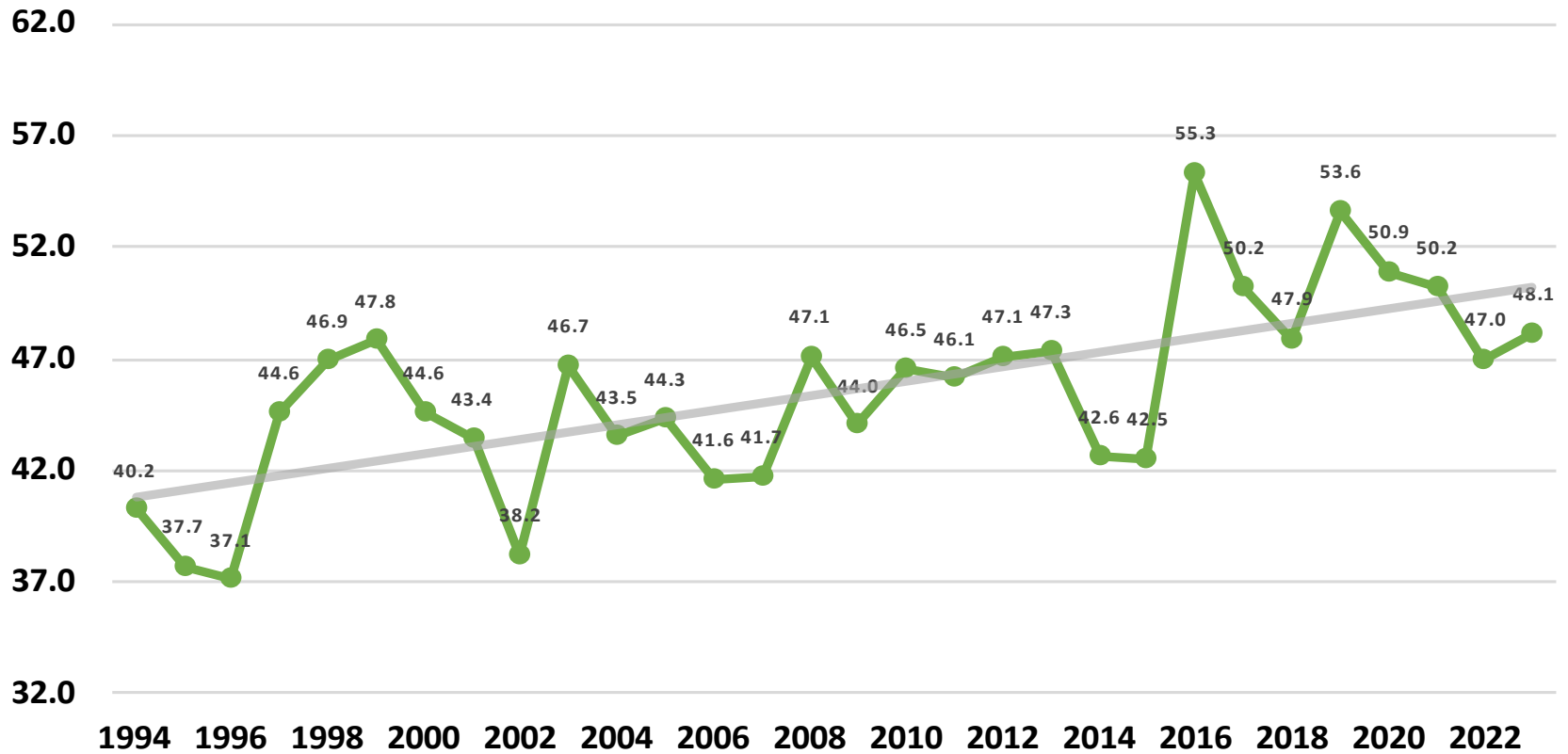
Million Acres





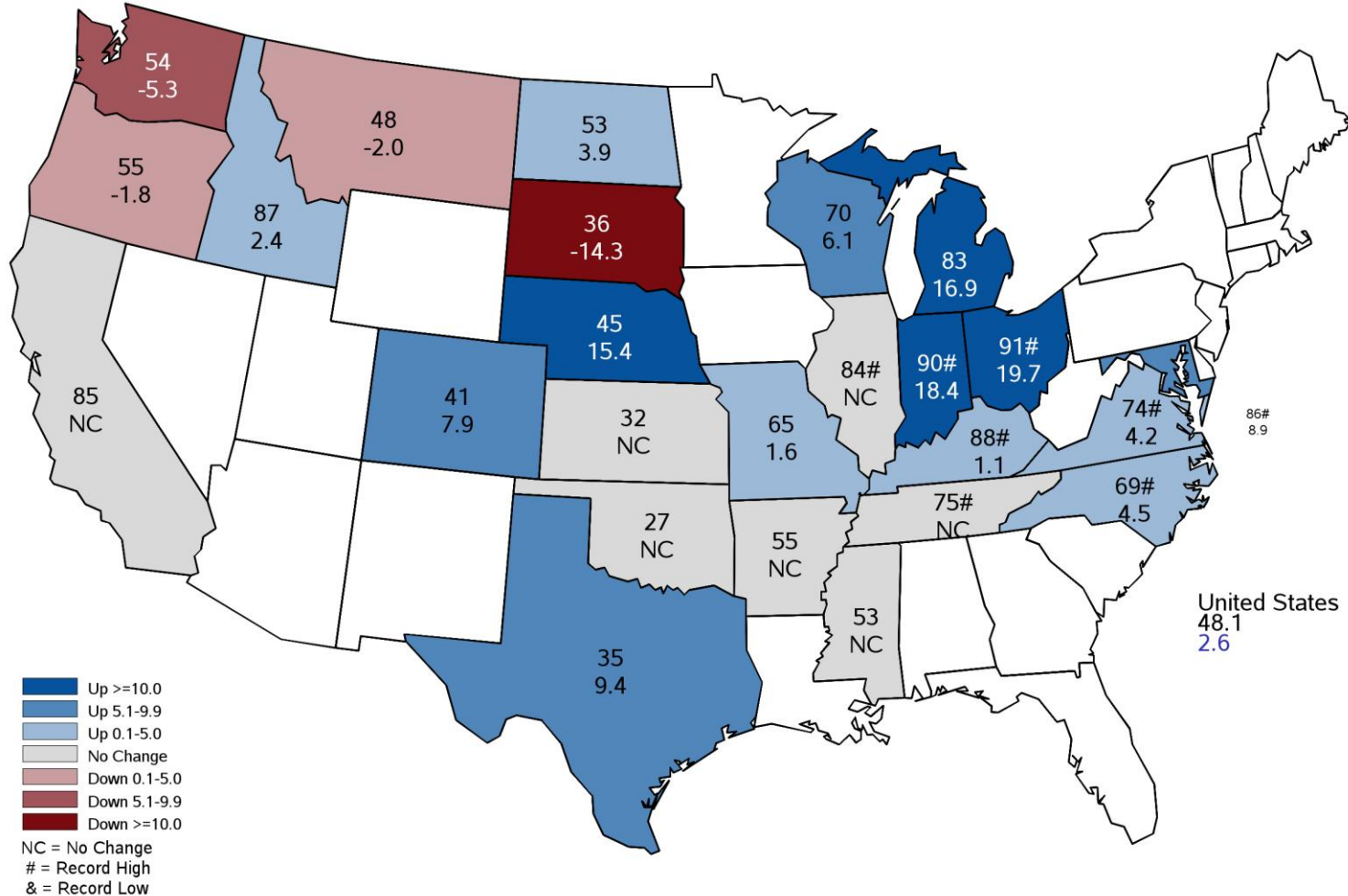
Winter Wheat Yield United States

Bushels per Acre



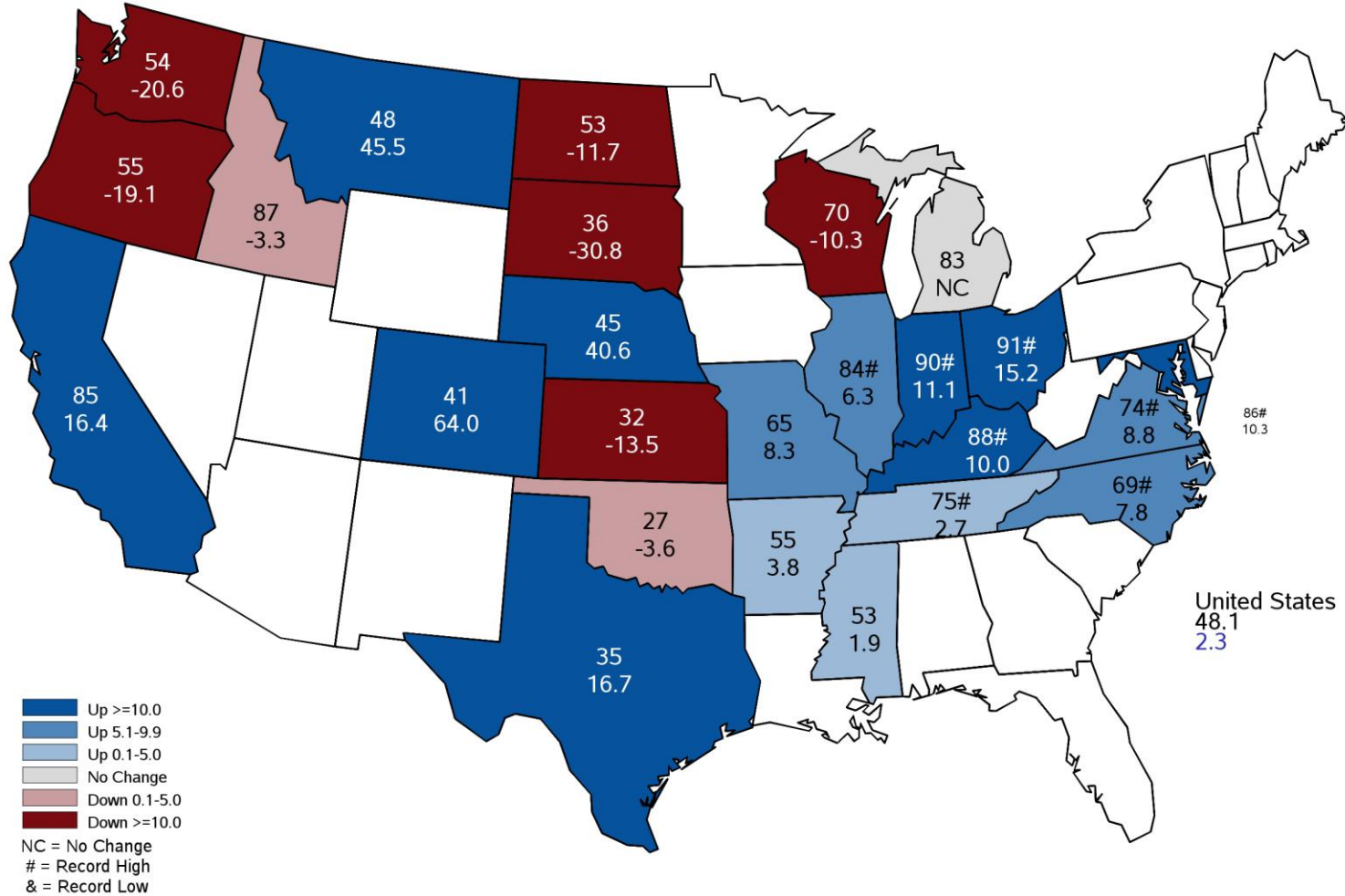
August 2023 Winter Wheat Yield

Bushels and Percent Change from Previous Month



August 2023 Winter Wheat Yield

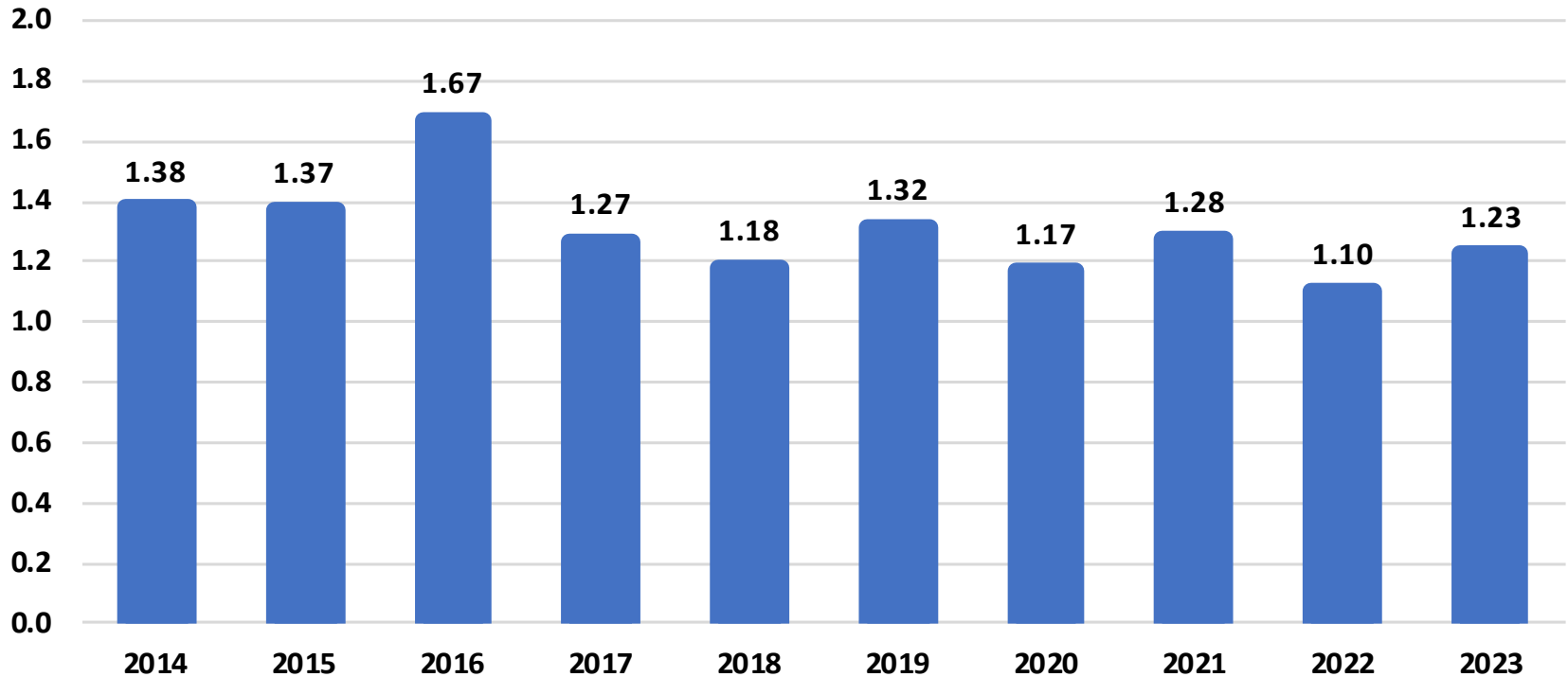
Bushels and Percent Change from Previous Year





Winter Wheat Production United States

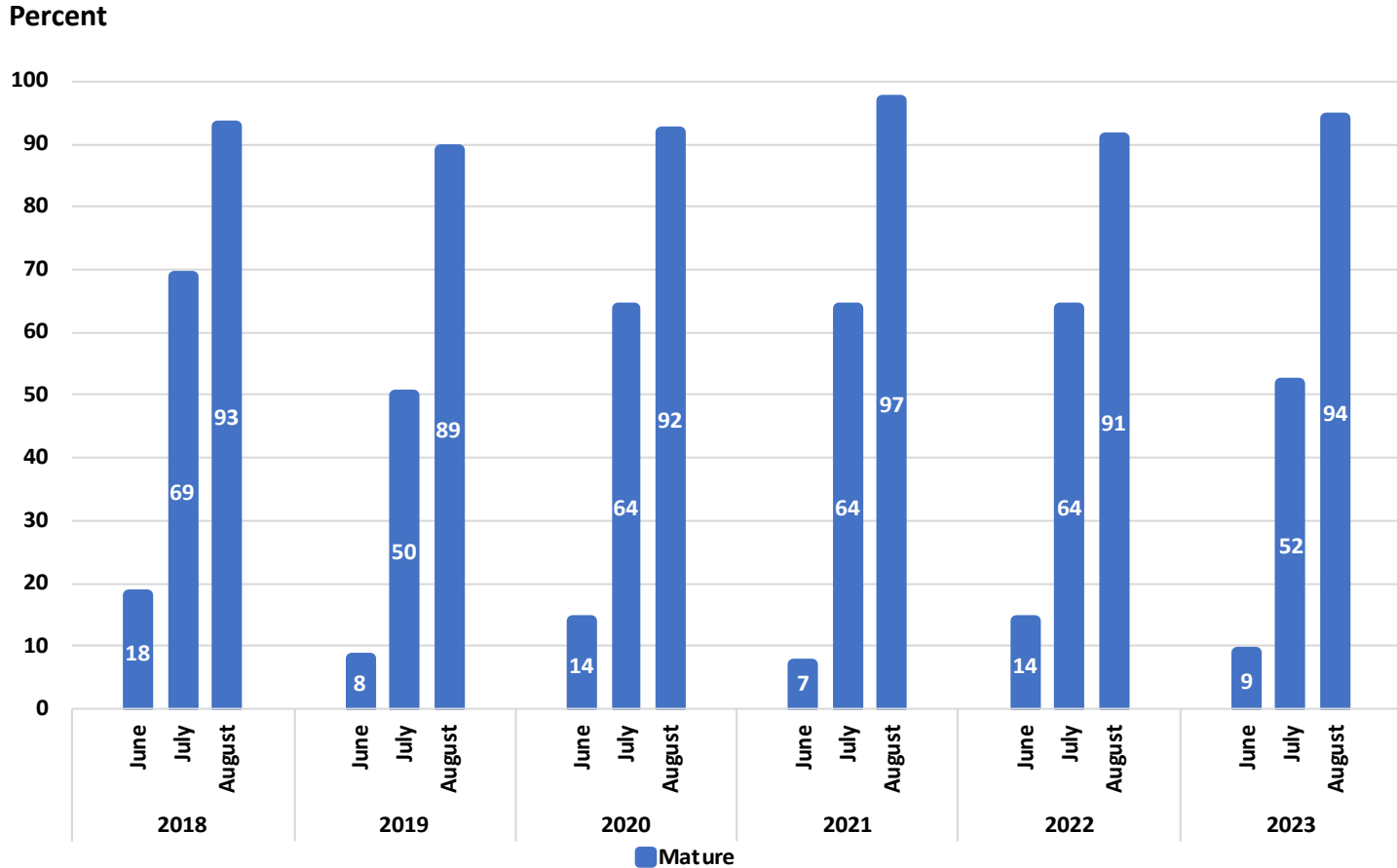
Billion Bushels





August 2023 Winter Wheat Objective Yield

Percent of Samples Processed in the Lab



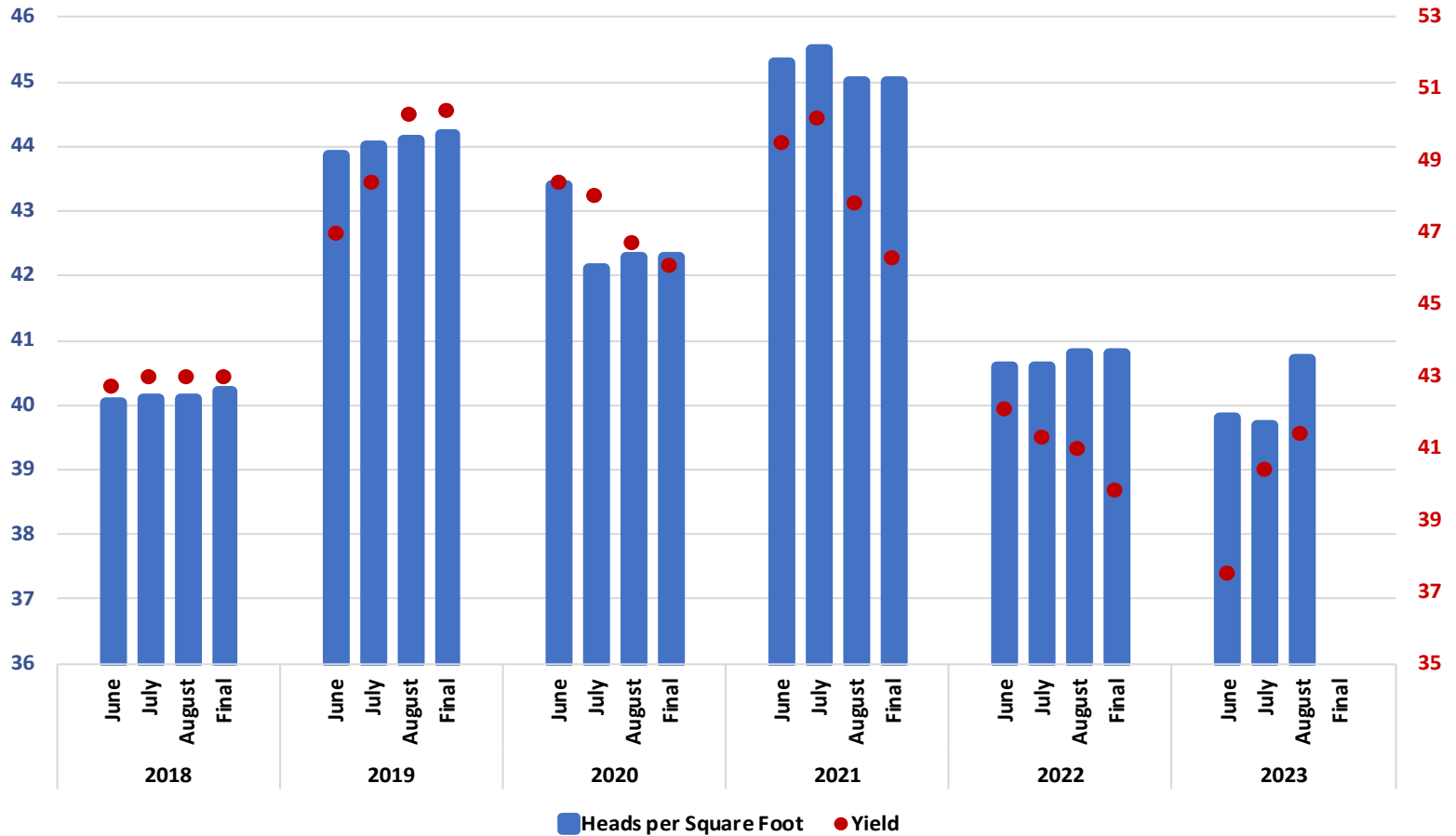


August 2023 Winter Wheat Objective Yield

Heads per Square Foot and Yield for 10 State Region

Heads per Square Foot

Bushels per Acre



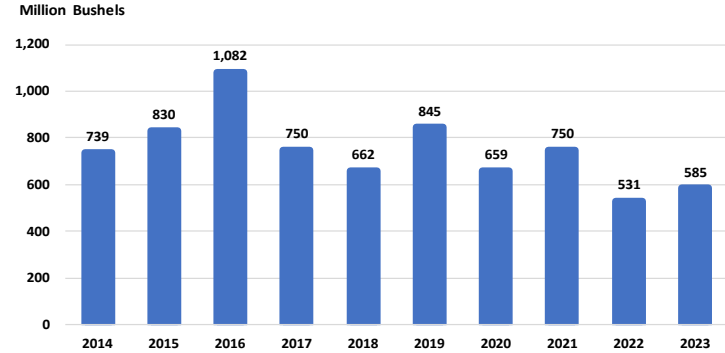


August 2023 Winter Wheat Production United States by Class

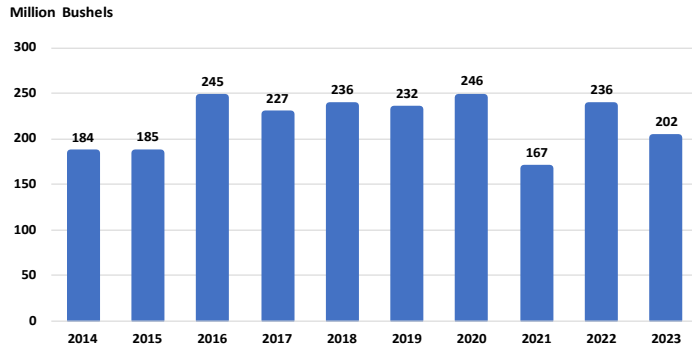


	Production (1,000 Units)	Unit
Hard Red Winter Wheat	585,321	Bu
% Change from Previous Estimate	↑ 1.4	
% Change from Previous Season	↑ 10.2	
Soft Red Winter Wheat	440,105	Bu
% Change from Previous Estimate	↑ 4.2	
% Change from Previous Season	↑ 30.8	
White Winter Wheat	201,809	Bu
% Change from Previous Estimate	↓ 2.5	
% Change from Previous Season	↓ 14.6	

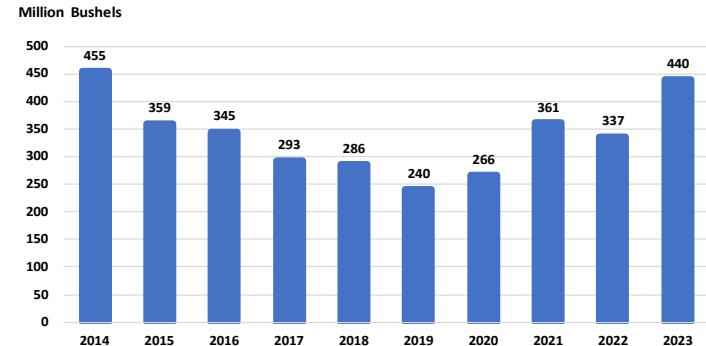
**Hard Red Winter Wheat Production
United States**



**White Winter Wheat Production
United States**



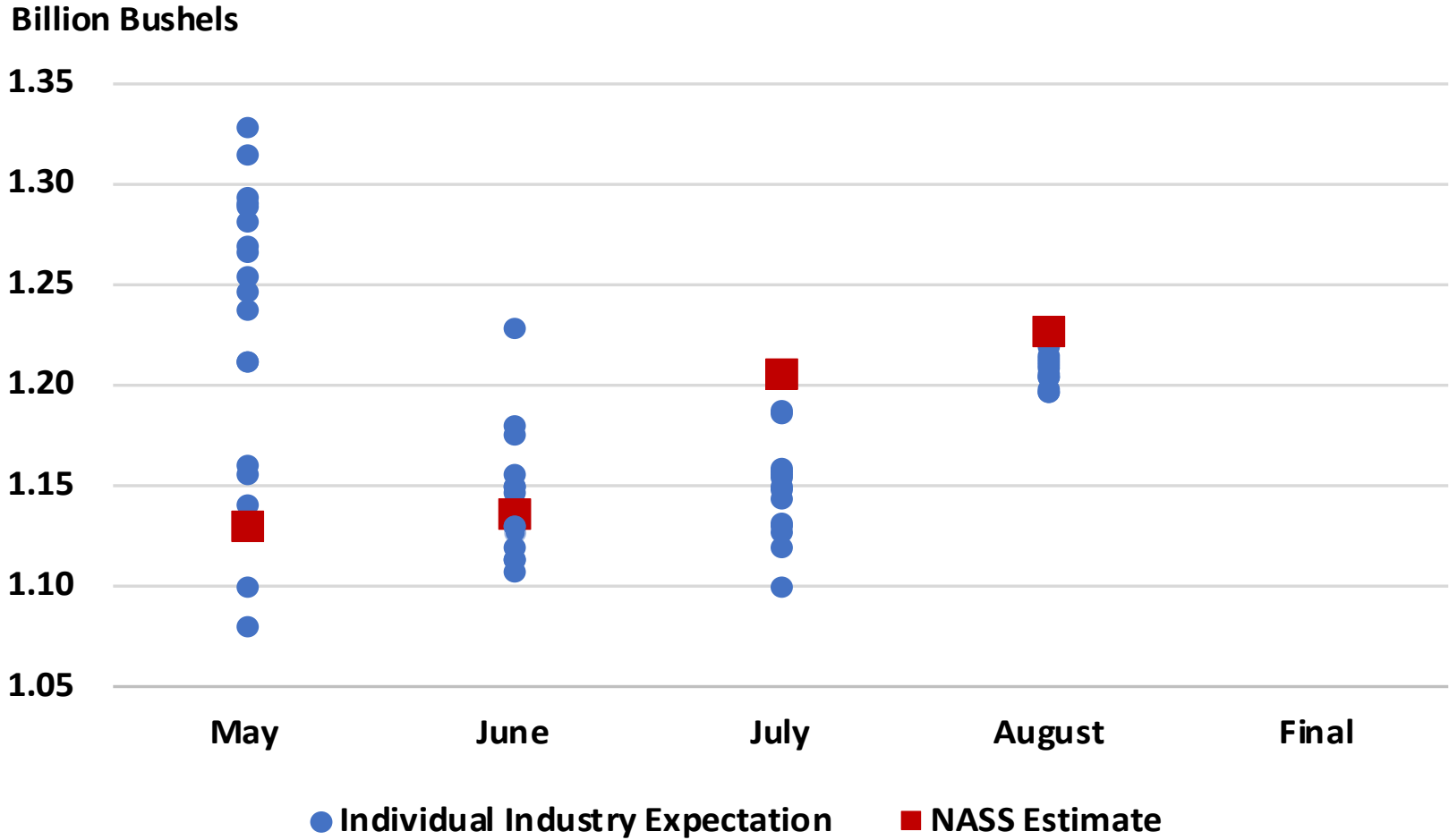
**Soft Red Winter Wheat Production
United States**





2023 U.S. Winter Wheat Production

Industry Expectations vs NASS





August 2023 Other Spring Wheat Acreage, Yield, and Production

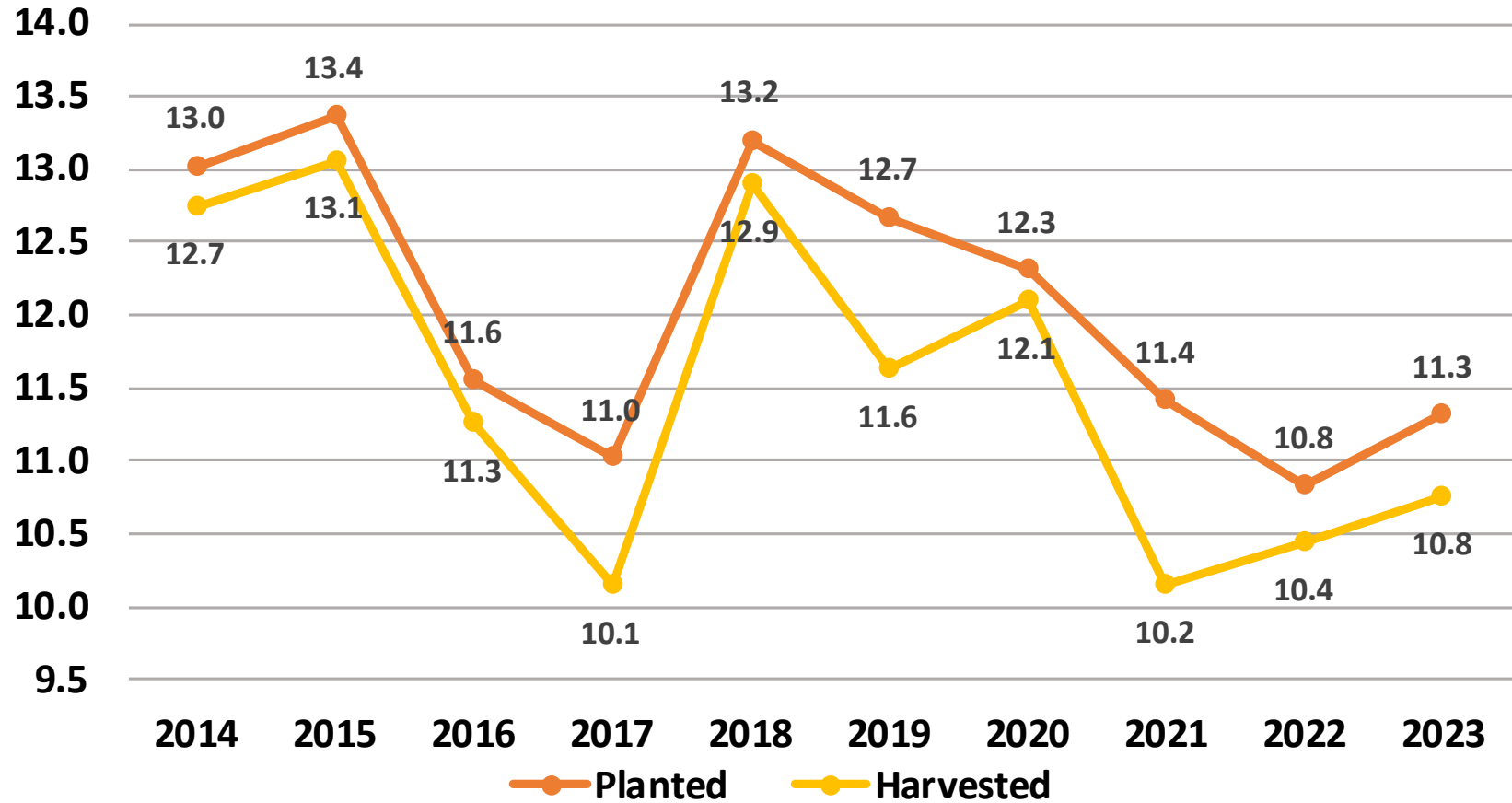
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
United States	11,315		10,760		41.8		449,575	
% Change from Previous Estimate	↑	1.6	↑	1.6	↓	7.5	↓	6.1
% Change from Previous Season	↑	4.4	↑	3.1	↓	9.5	↓	6.8

	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	5,600	↑ 5.7	5,430	↑ 3.2	45.0	↓ 10.0	244,350	↓ 7.1
Montana	2,800	↑ 3.7	2,550	↑ 4.5	28.0	↑ 12.0	71,400	↑ 17.0
Minnesota	1,270	↑ 1.6	1,220	↑ 0.8	50.0	↓ 18.0	61,000	↓ 17.4
Idaho	400	↑ 5.3	375	↑ 4.2	80.0	↓ 1.2	30,000	↑ 2.9
Washington	495	↑ 4.2	485	↑ 3.2	45.0	↓ 2.2	21,825	↑ 0.9

Other Spring Wheat Acres

United States

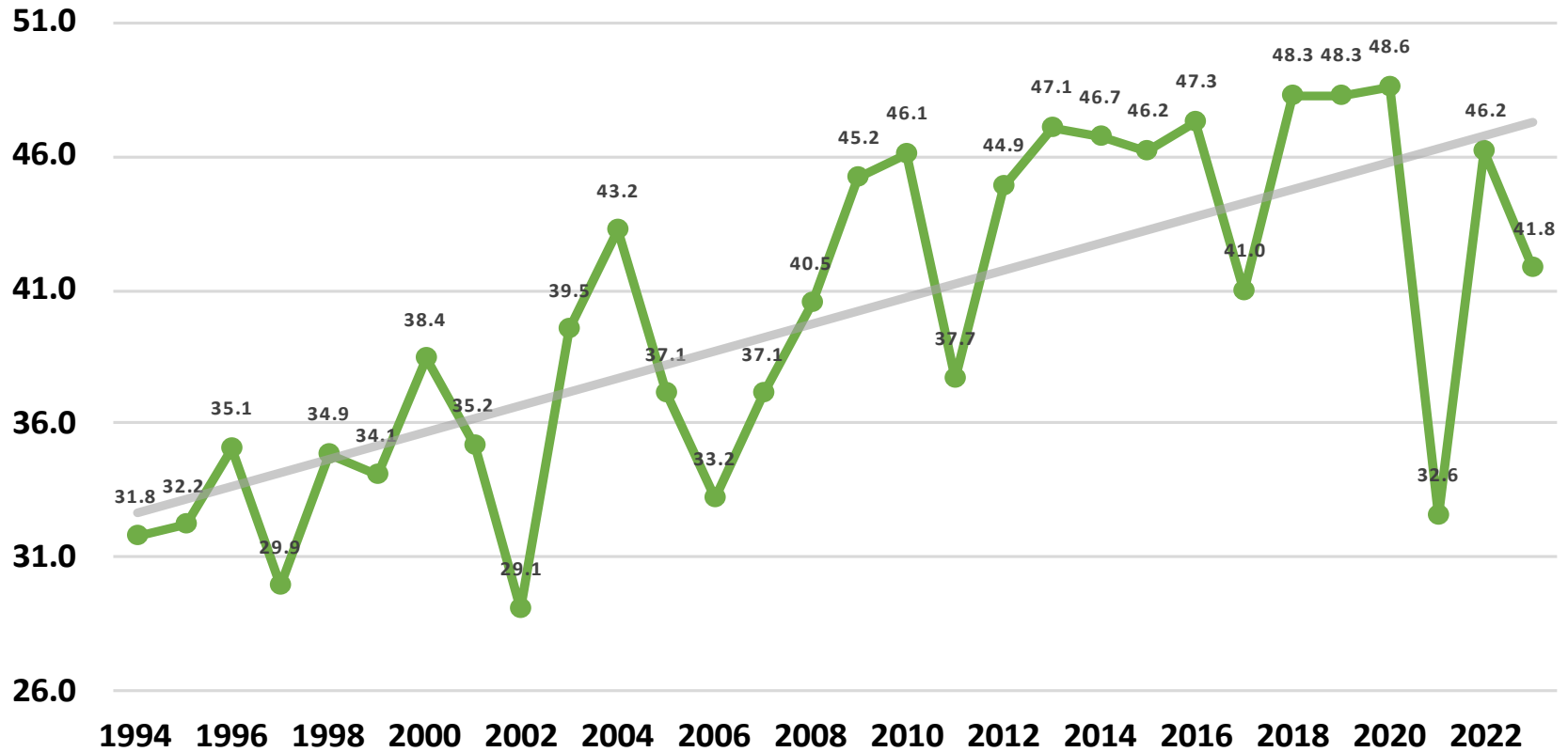
Million Acres





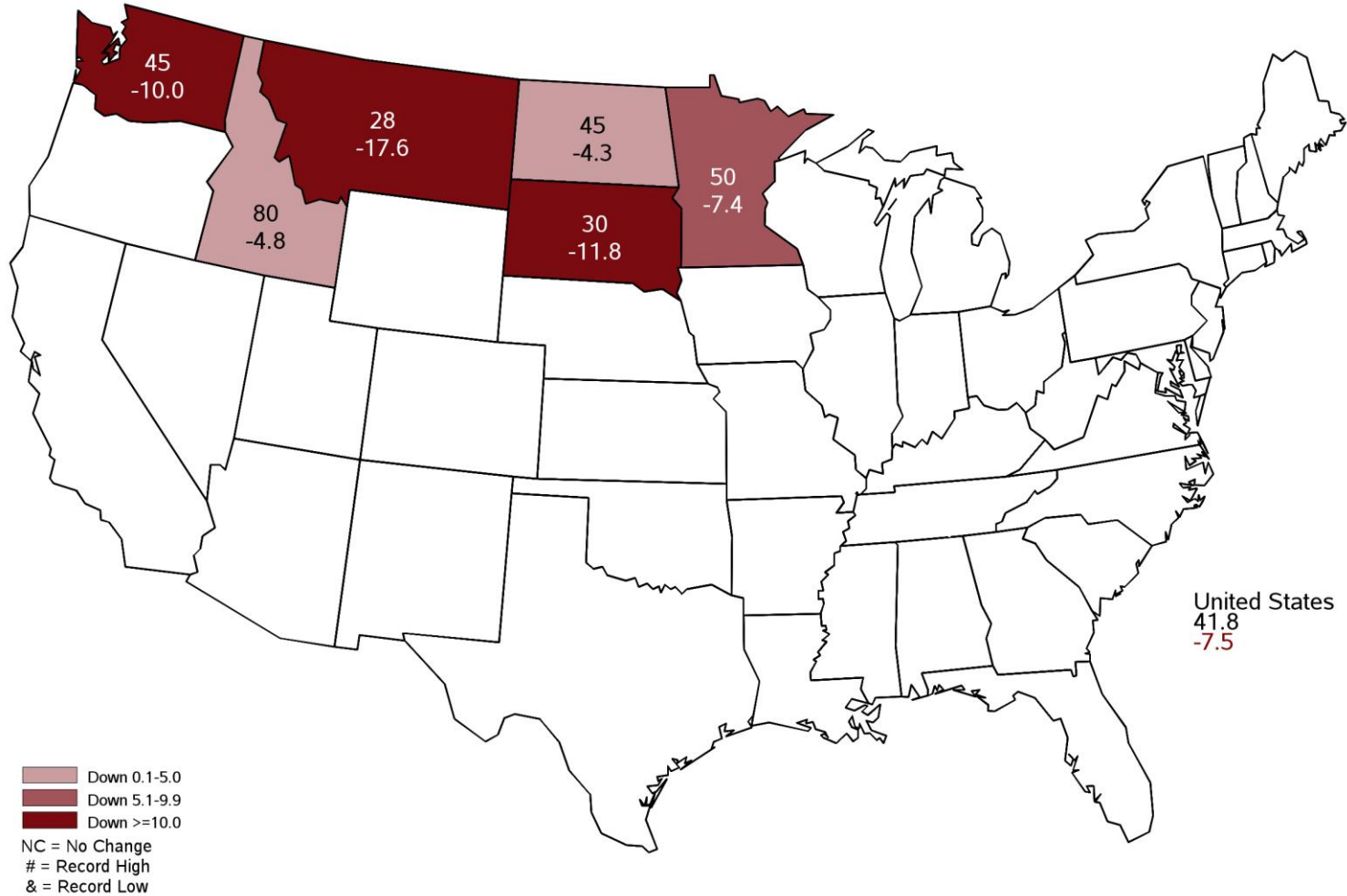
Other Spring Wheat Yield United States

Bushels per Acre



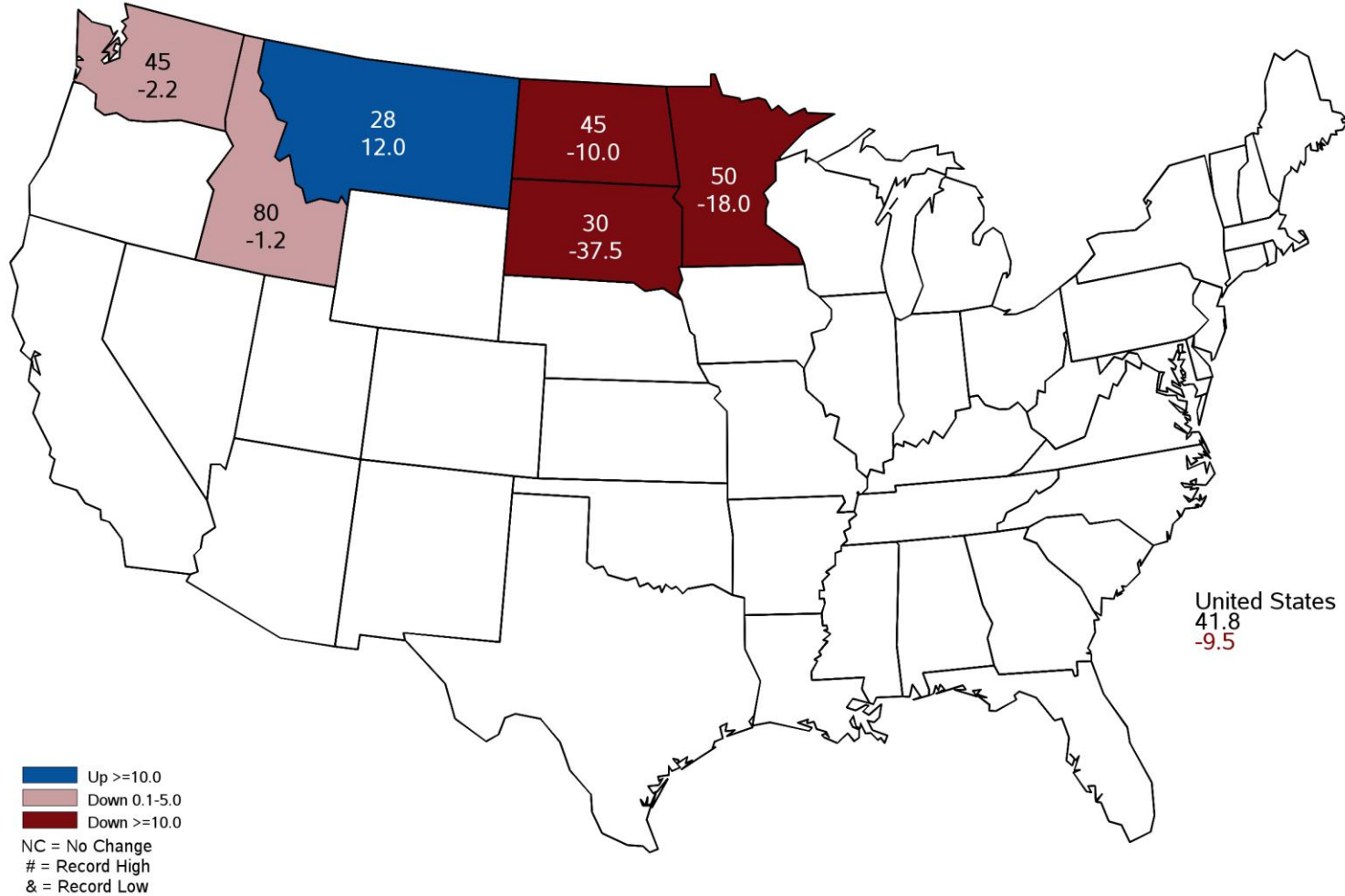
August 2023 Other Spring Wheat Yield

Bushels and Percent Change from Previous Month



August 2023 Other Spring Wheat Yield

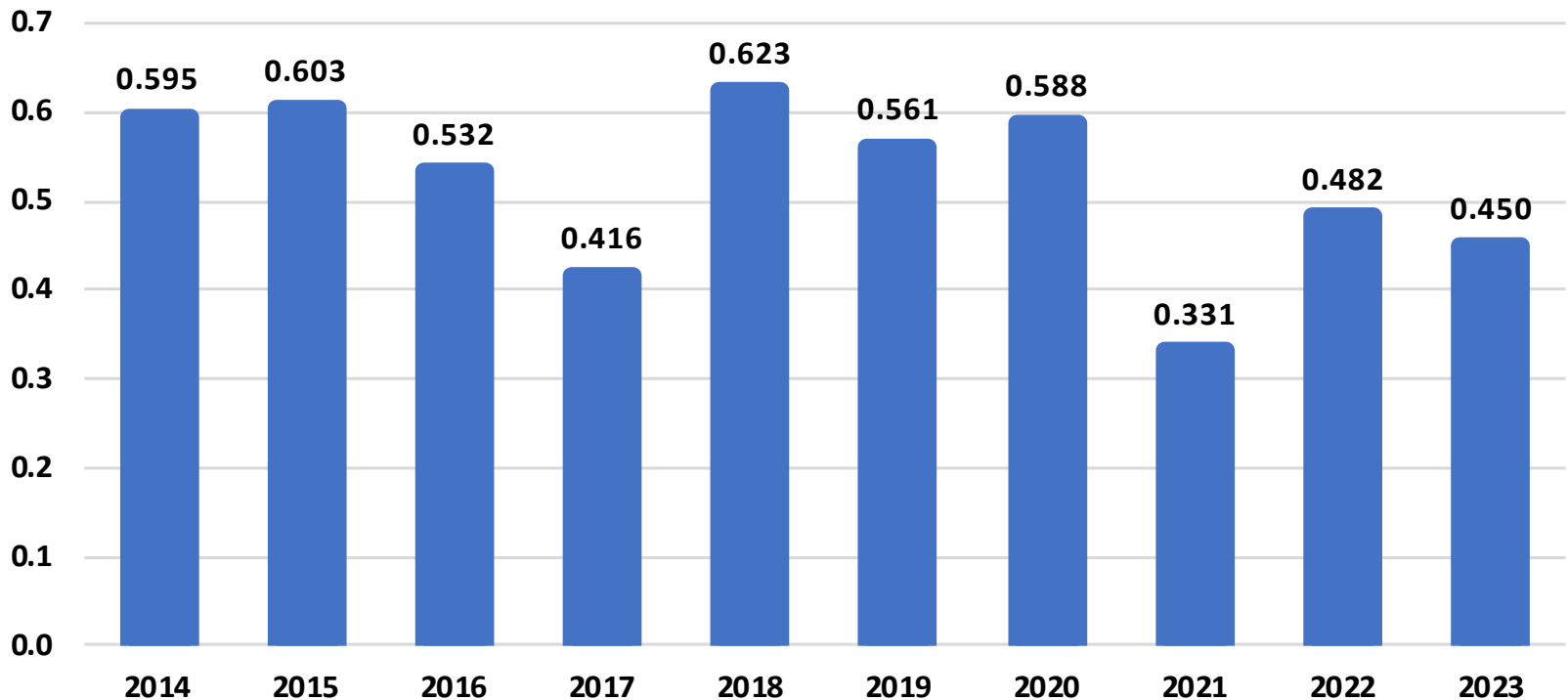
Bushels and Percent Change from Previous Year



Other Spring Wheat Production

United States

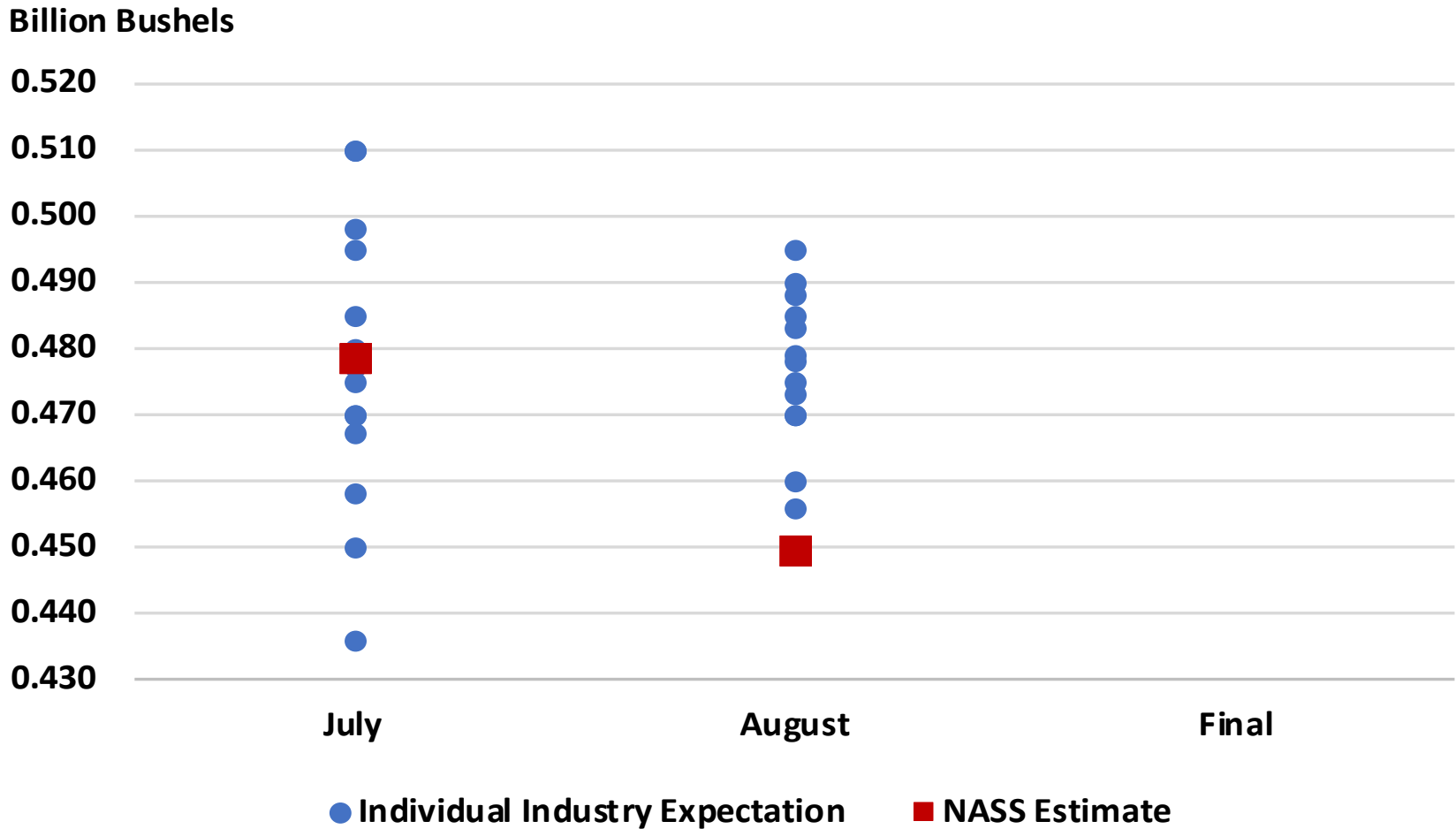
Billion Bushels





2023 U.S. Other Spring Wheat Production

Industry Expectations vs NASS





August 2023 Durum Wheat Acreage, Yield, and Production

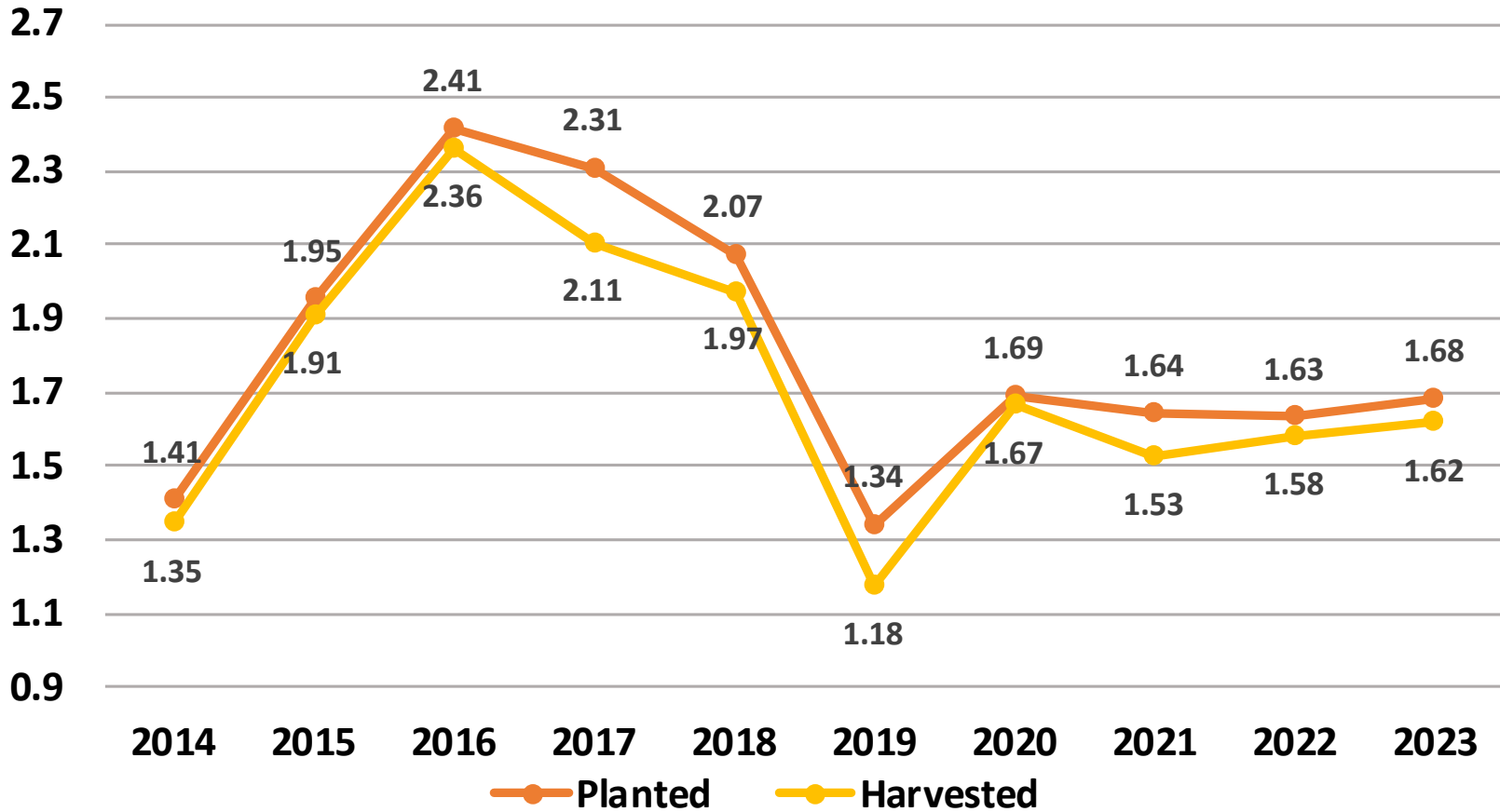
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	1,683	1,617	35.5	57,377
% Change from Previous Estimate	↑ 13.5	↑ 13.3	↓ 6.3	↑ 6.2
% Change from Previous Season	↑ 3.1	↑ 2.3	↓ 12.3	↓ 10.3

	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	900	↑ 13.9	875	↑ 12.2	35.0	↓ 12.5	30,625	↓ 1.8
Montana	700	↓ 1.4	665	↓ 1.5	28.0	NC	18,620	↓ 1.5
Arizona	50	↓ 41.2	49	↓ 41.7	108.0	↓ 5.3	5,292	↓ 44.7
California	25	↓ 37.5	20	↓ 42.9	114.0	↑ 3.6	2,280	↓ 40.8
Idaho	8	↑ 14.3	8	↑ 14.3	70.0	↑ 7.7	560	↑ 23.1

Durum Wheat Acres

United States

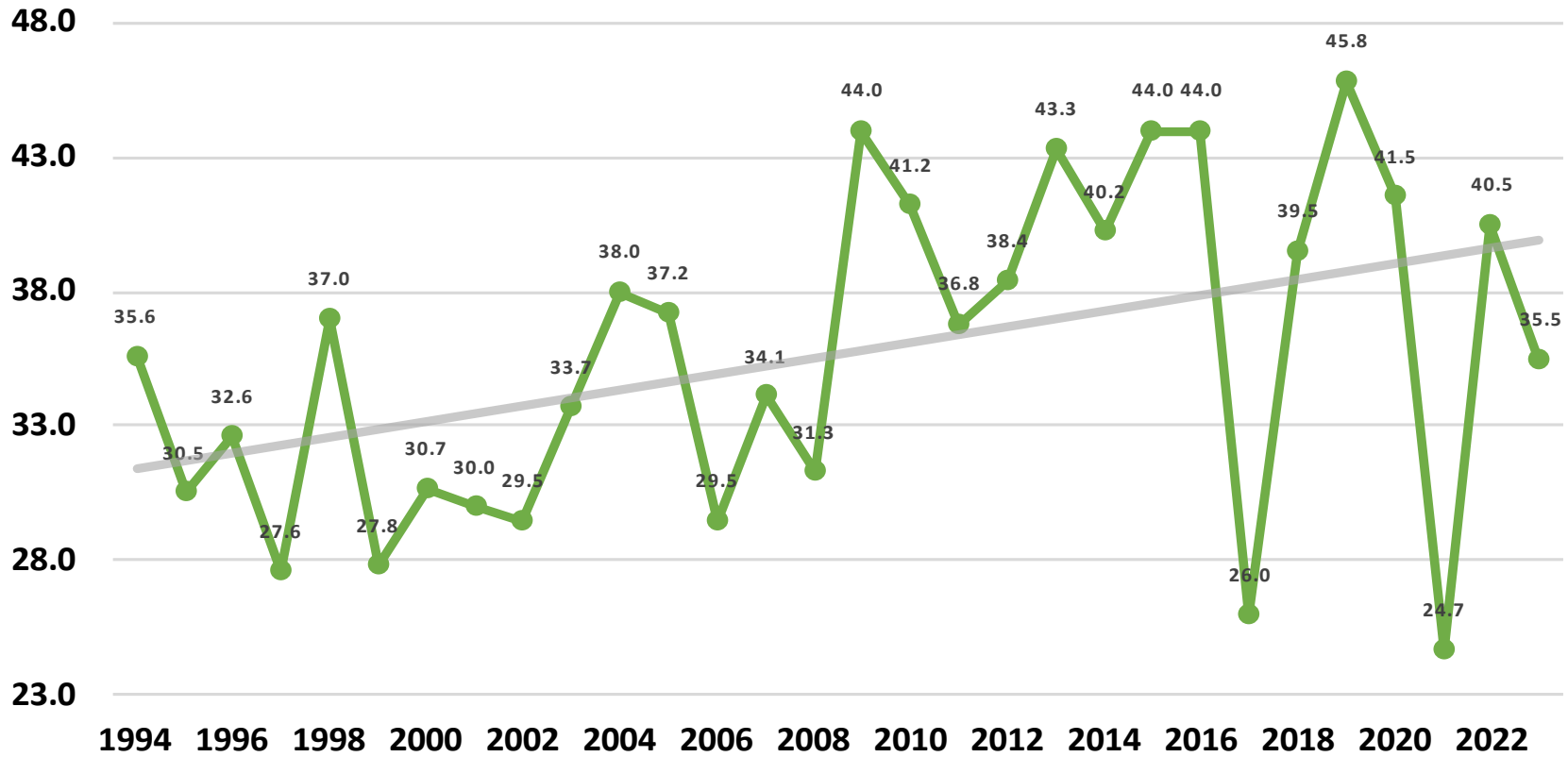
Million Acres



Durum Wheat Yield

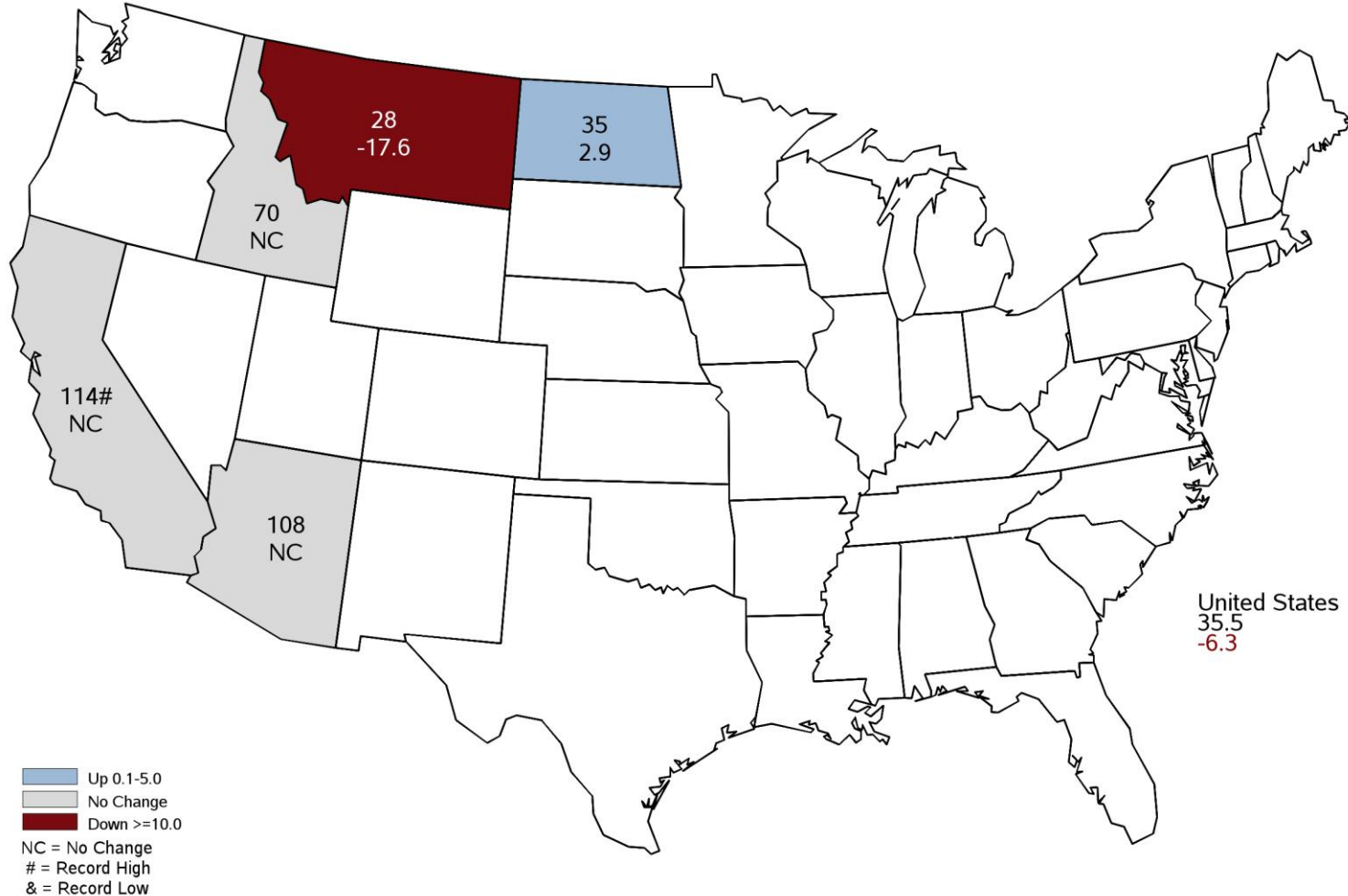
United States

Bushels per Acre



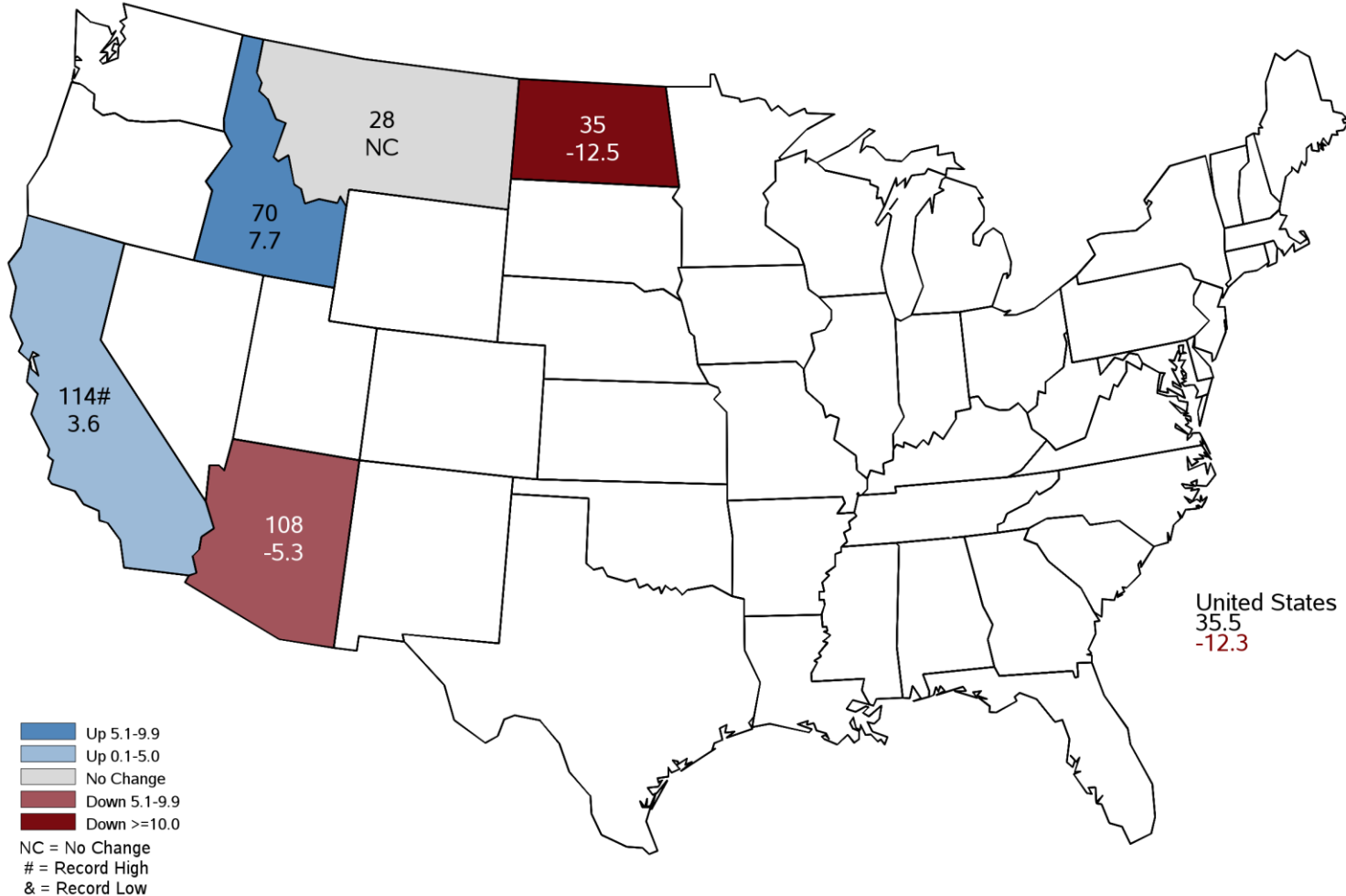
August 2023 Durum Wheat Yield

Bushels and Percent Change from Previous Month



August 2023 Durum Wheat Yield

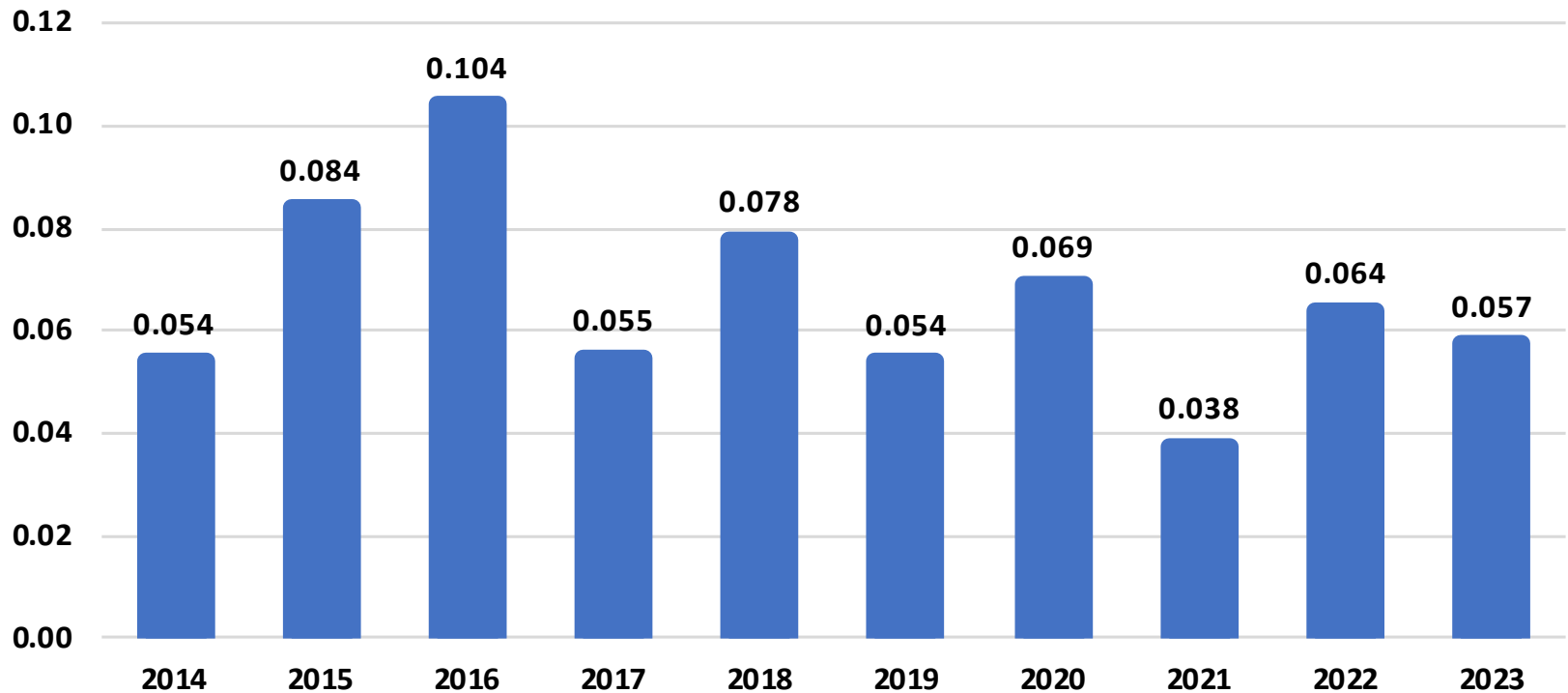
Bushels and Percent Change from Previous Year



Durum Wheat Production

United States

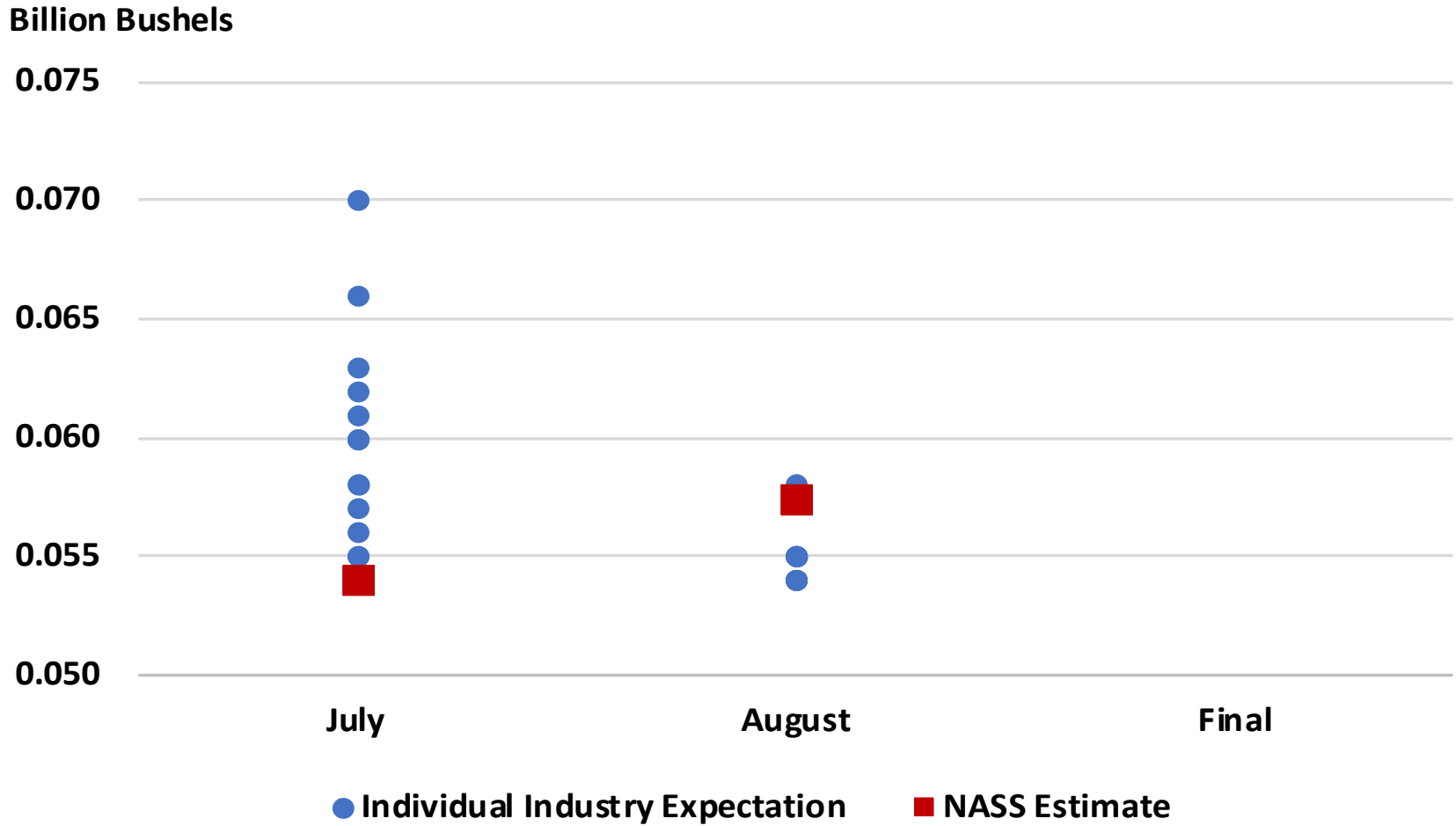
Billion Bushels





2023 U.S. Durum Wheat Production

Industry Expectations vs NASS





August 2023 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	3,189	2,397	75.1	Bu	179,985	Bu
% Change from Previous Estimate	↓ 5.1	↓ 5.1	↑ 7.1		↑ 1.6	
% Change from Previous Season	↑ 8.3	↓ 1.5	↑ 4.7		↑ 3.2	
Dry Edible Beans	1,237	1,195	1,899	Lb	22,695	Cwt
% Change from Previous Estimate	↑ 2.1	↑ 2.3	N/A		N/A	
% Change from Previous Season	↓ 1.0	↓ 2.3	↓ 10.1		↓ 12.2	
Alfalfa Hay	N/A	15,658	3.13	Ton	48,936	Ton
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↑ 5.0	↓ 2.8		↑ 2.0	
Other Hay	N/A	36,318	1.92	Ton	69,894	Ton
% Change from Previous Estimate	N/A	NC	N/A		N/A	
% Change from Previous Season	N/A	↑ 4.9	↑ 2.7		↑ 7.8	
Hops	N/A	55.0	1,886	Lb	103,812	Lb
% Change from Previous Estimate	N/A	↑ 0.6	N/A		N/A	
% Change from Previous Season	N/A	↓ 8.0	↑ 11.3		↑ 2.5	



August 2023 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	2,558	804	61.5	Bu	49,454	Bu
% Change from Previous Estimate	↑ 2.0	↑ 1.3	↓ 2.1		↓ 0.9	
% Change from Previous Season	↓ 0.9	↓ 9.7	↓ 5.1		↓ 14.2	
Peanuts	1,578	1,537	4,047	Lb	6,219,850	Lb
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 8.8	↑ 10.9	↑ 0.7		↑ 11.7	
Rice	2,687	2,645	7,699	Lb	203,640	Cwt
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 20.9	↑ 21.8	↑ 4.3		↑ 27.0	
Sorghum	6,805	5,940	66.2	Bu	393,310	Bu
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↑ 7.6	↑ 30.0	↑ 61.1		↑ 109.4	
Sugarbeets	1,129	1,111	30.9	Ton	34,358	Ton
% Change from Previous Estimate	NC	NC	N/A		N/A	
% Change from Previous Season	↓ 2.7	↓ 2.3	↑ 8.0		↑ 5.5	



August 2023 Field Crops Acreage, Yield, and Production

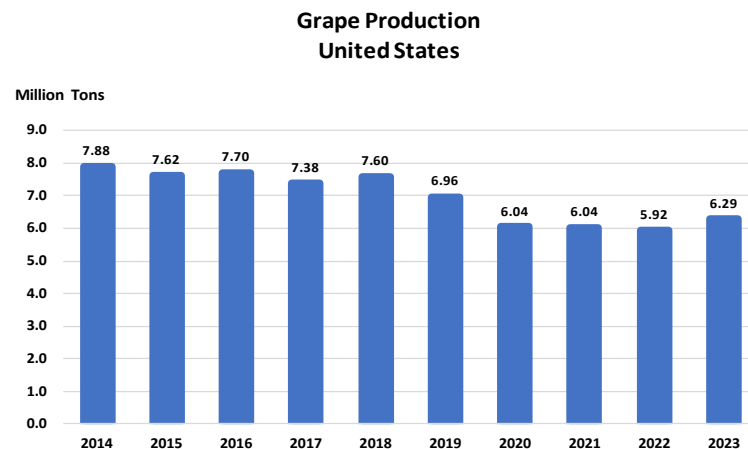
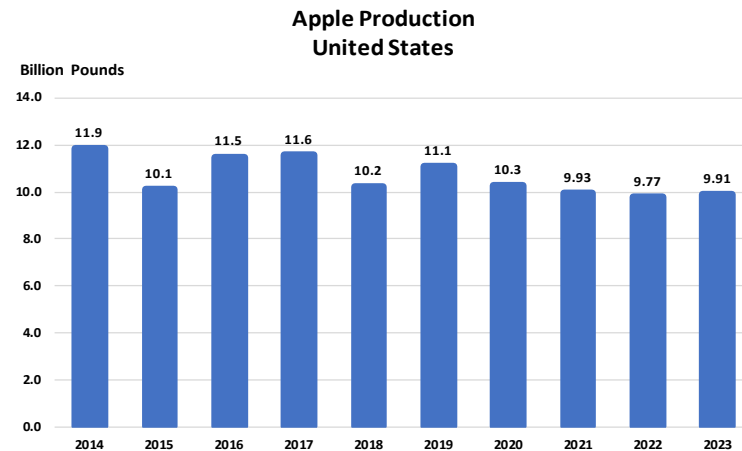
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Sugarcane	N/A	927	37.7	Ton	34,922	Ton
% Change from Previous Estimate	N/A	↑ 0.5	N/A		N/A	
% Change from Previous Season	N/A	↓ 0.3	↑ 1.1		↑ 0.7	
Tobacco	N/A	197	2,257	Lb	444,408	Lb
% Change from Previous Estimate	N/A	↑ 1.9	N/A		N/A	
% Change from Previous Season	N/A	↓ 2.4	↑ 1.8		↓ 0.7	



August 2023 Noncitrus Fruits and Nuts Production



	Production (1,000 Units)	Unit
Apples	9,910,000	Lb
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 1.5	
Cranberries	7,620	Brl
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 5.4	
Grapes	6,285	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 6.1	
Peaches	543	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 13.2	
Pears	645	Ton
% Change from Previous Estimate	N/A	
% Change from Previous Season	↑ 0.2	





Selected Upcoming Reports



August 17	Farm Computer Usage and Ownership
August 18	Cattle on Feed
August 23	Rice Stocks
August 25	Cash Rents - County
August 31	Agricultural Prices Citrus Fruits
September 1	Cotton System Fats & Oils Grain Crashings - Monthly & Annual
September 12	Cotton Ginnings Crop Production

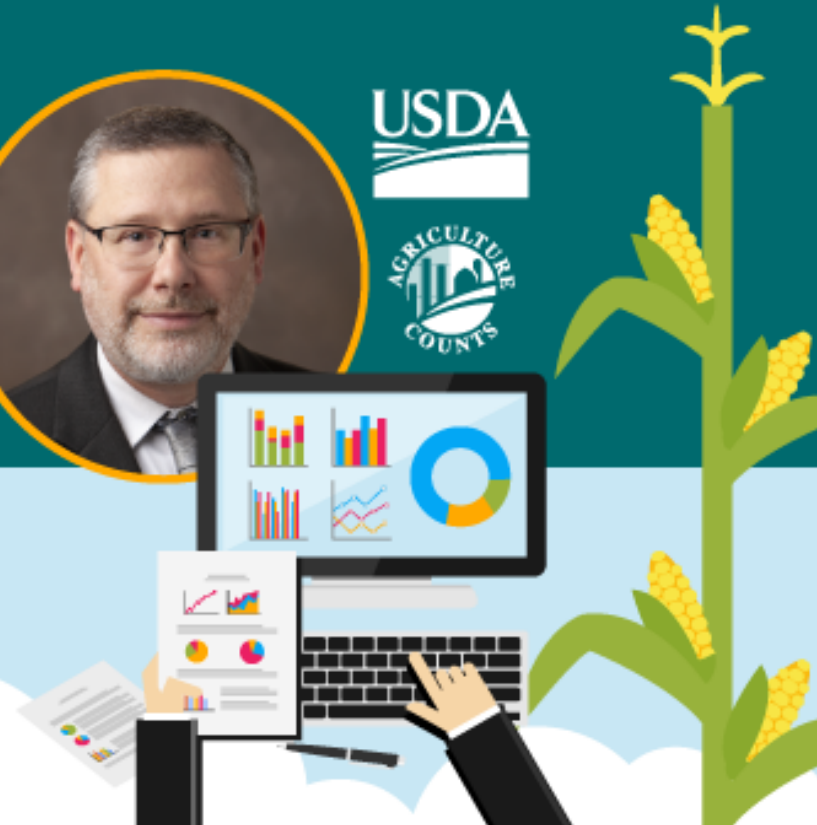
<https://www.nass.usda.gov/Publications/index.php>

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Twitter Spaces



A conversation about the
Crop Production report
with Crops Branch
Chief Lance Honig.





All Reports Available At

www.nass.usda.gov

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