



Crop Production

Executive Summary

Lance Honig, Chief
Crops Branch



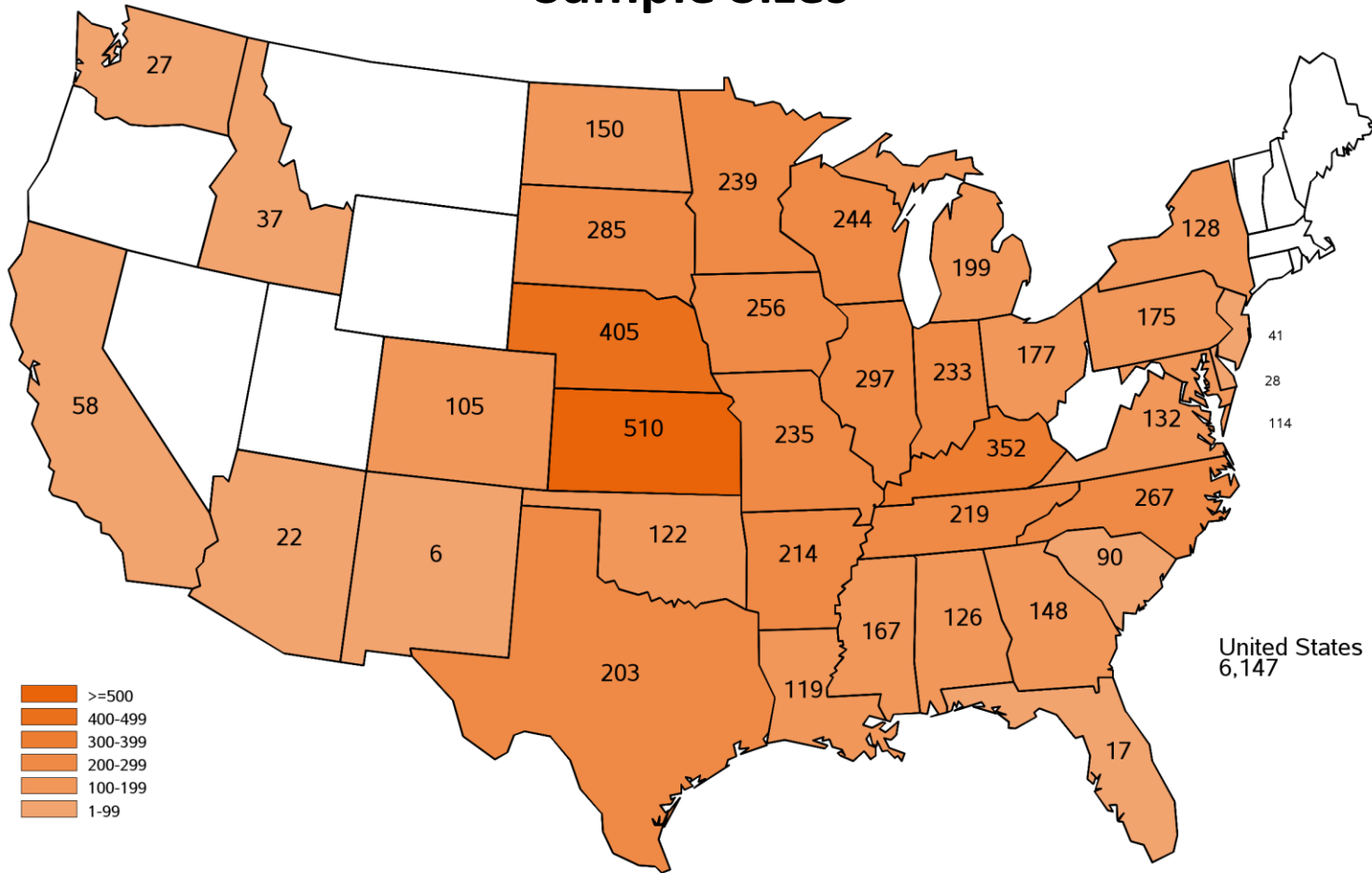
Data Sources



Operator Reported Survey	Ag Yield	Sample Size = 6,147	October 29 - November 4
Field Survey	Objective Yield Corn, Cotton, Soybeans	Sample Size = 3,930	October 25 - November 1
Remotely Sensed (Satellite)	Time Series 250 Meter MODIS Satellite Data	Focus Area Corn Belt	Imagery Through September 21

November 2022 Ag Yield Survey

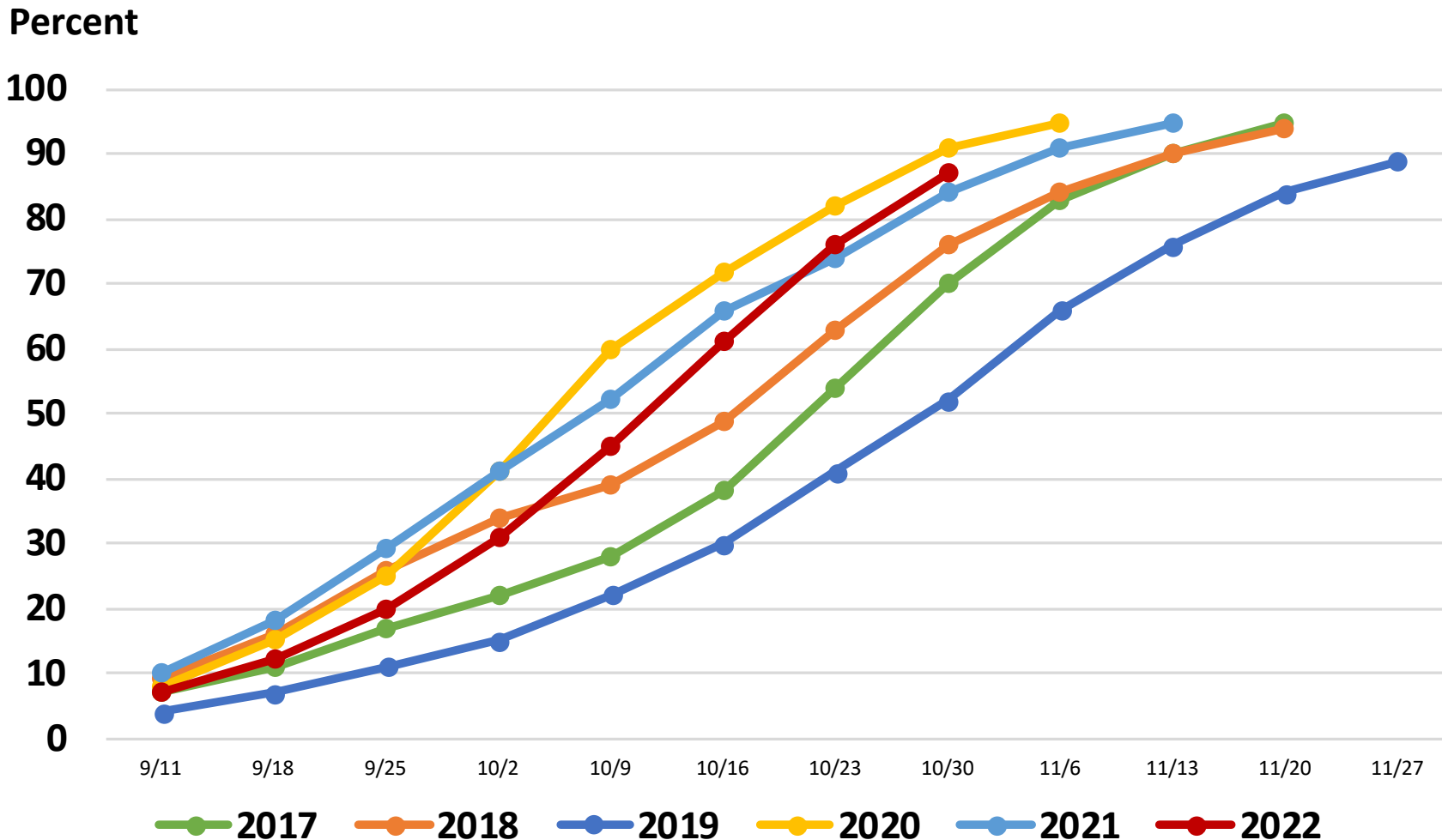
Sample Sizes





United States Corn Progress

Percent Harvested





November 2022 Corn Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	88,608	80,844	172.3	13,929,921
% Change from Previous Estimate	NC	NC	↑ 0.2	↑ 0.3
% Change from Previous Season	↓ 5.0	↓ 5.2	↓ 2.5	↓ 7.6

Top 5 States - By Production

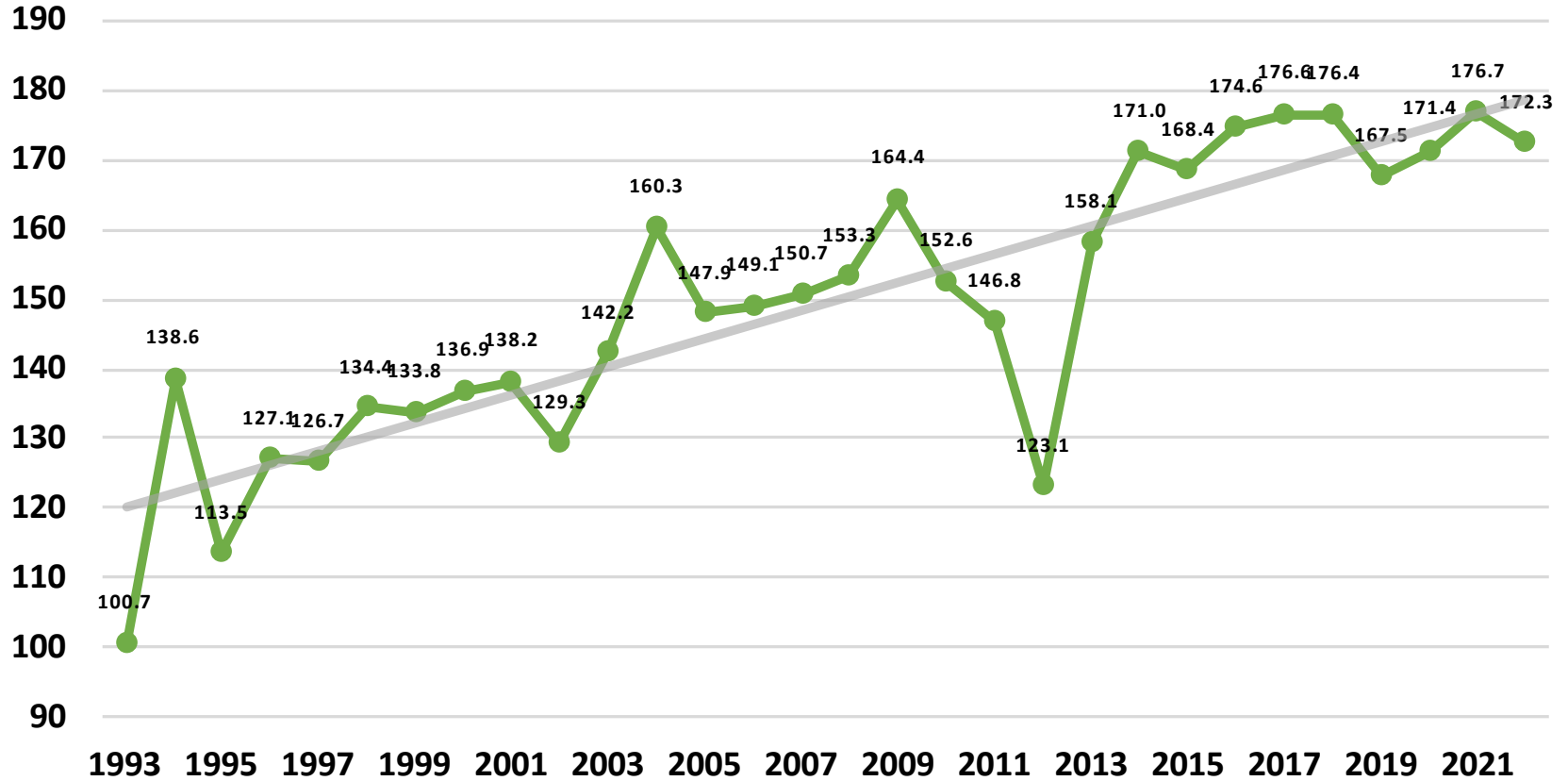
	Planted		Harvested		Yield		Production	
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Bushels/Acre)	% Δ PY	(1,000 Bushels)	% Δ PY
Iowa	12,900	NC	12,450	NC	202	↓ 1.0	2,514,900	↓ 1.0
Illinois	10,800	↓ 1.8	10,550	↓ 2.8	215	↑ 6.4	2,268,250	↑ 3.5
Nebraska	9,600	↓ 3.0	9,300	↓ 2.7	168	↓ 13.4	1,562,400	↓ 15.8
Minnesota	8,050	↓ 4.2	7,550	↓ 3.7	191	↑ 7.9	1,442,050	↑ 3.9
Indiana	5,200	↓ 3.7	5,050	↓ 4.2	191	↓ 2.1	964,550	↓ 6.1



November 2022 Corn Yield United States

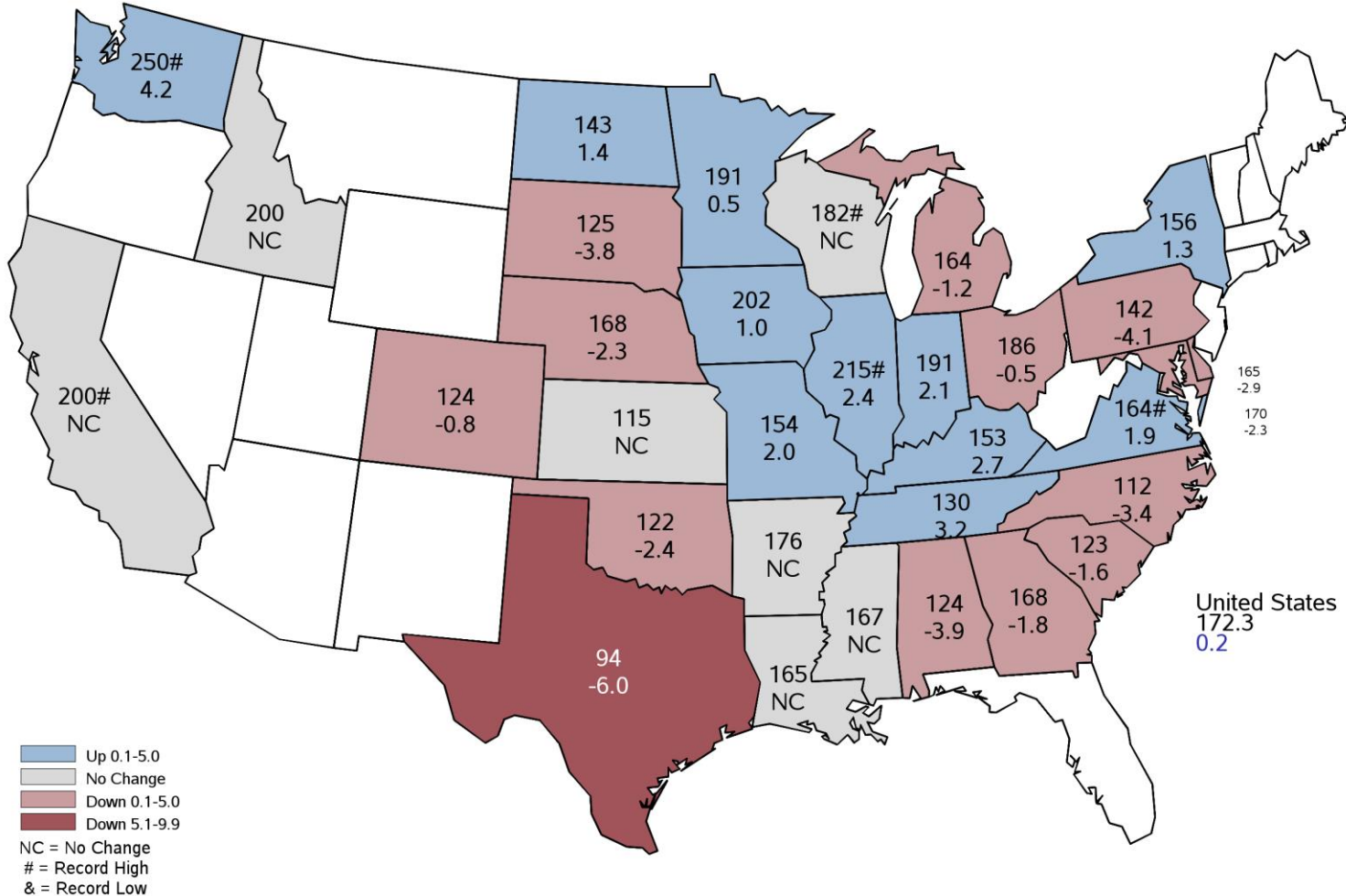


Bushels per Acre



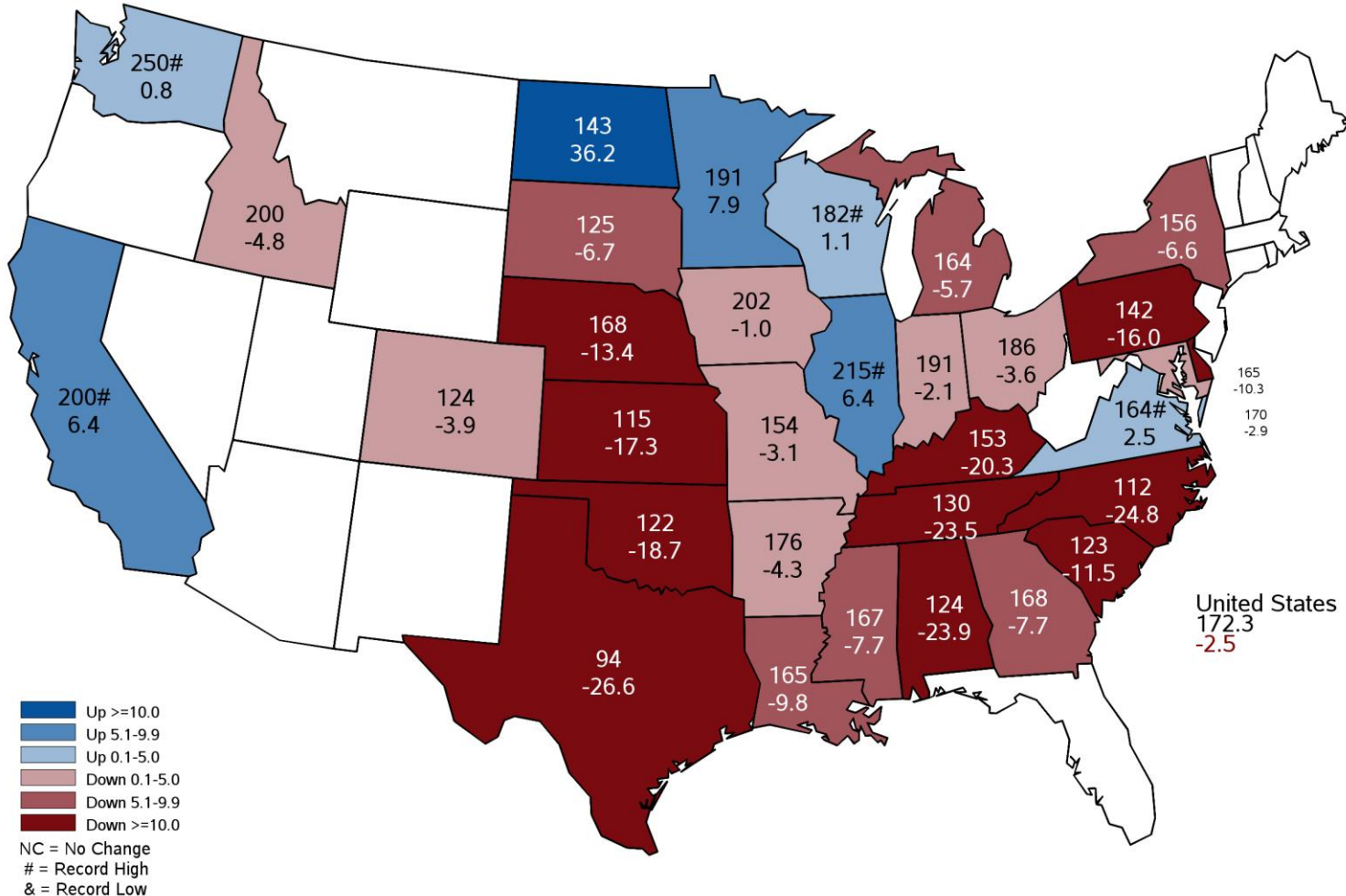
November 2022 Corn Yield

Bushels and Percent Change from Previous Month

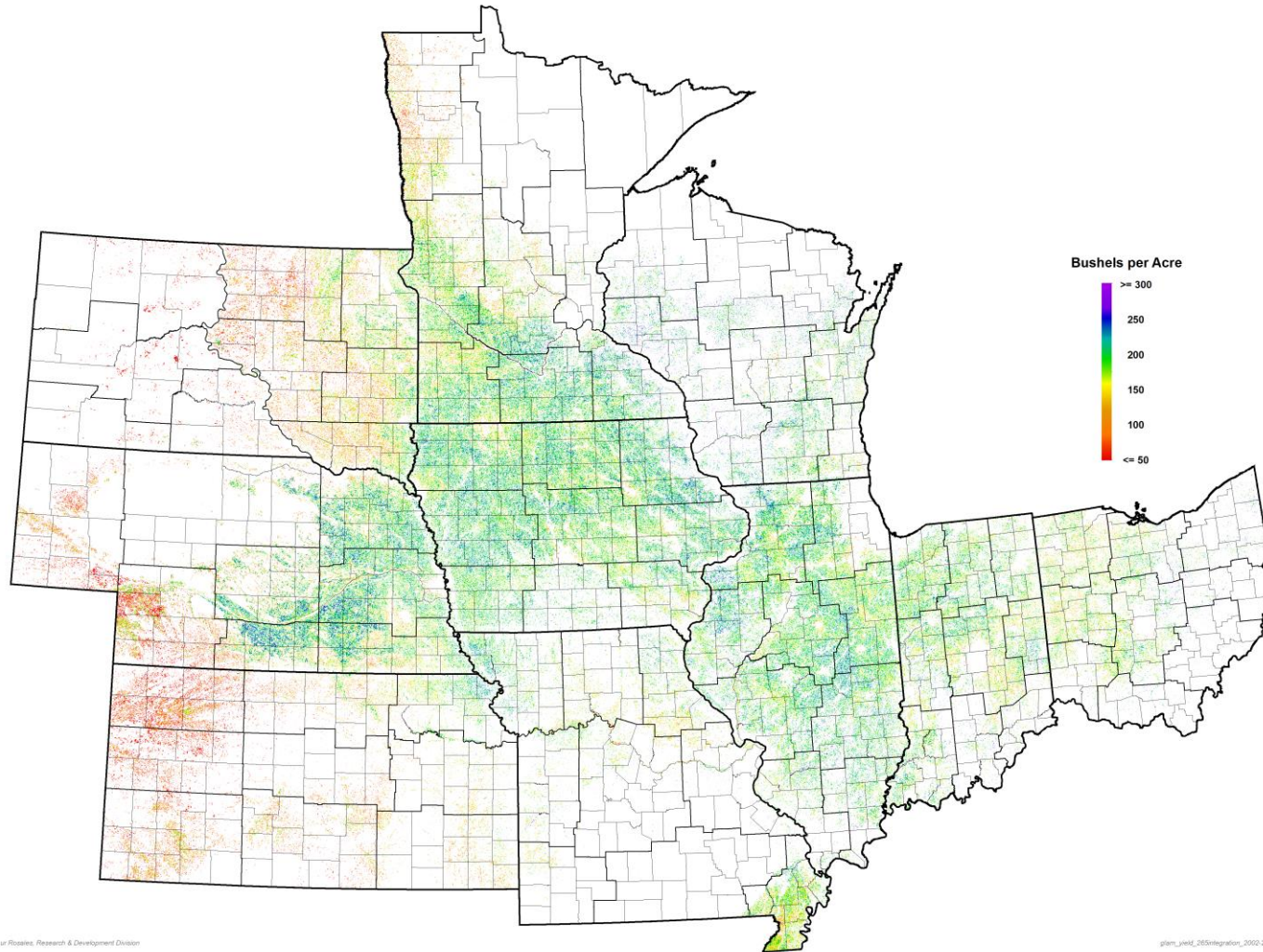


November 2022 Corn Yield

Bushels and Percent Change from Previous Year



November 2022 Corn NASA Terra MODIS Modeled Yield



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

glam_yield_265integration_2022_20_2021玉米_hgpos_10/4/2021

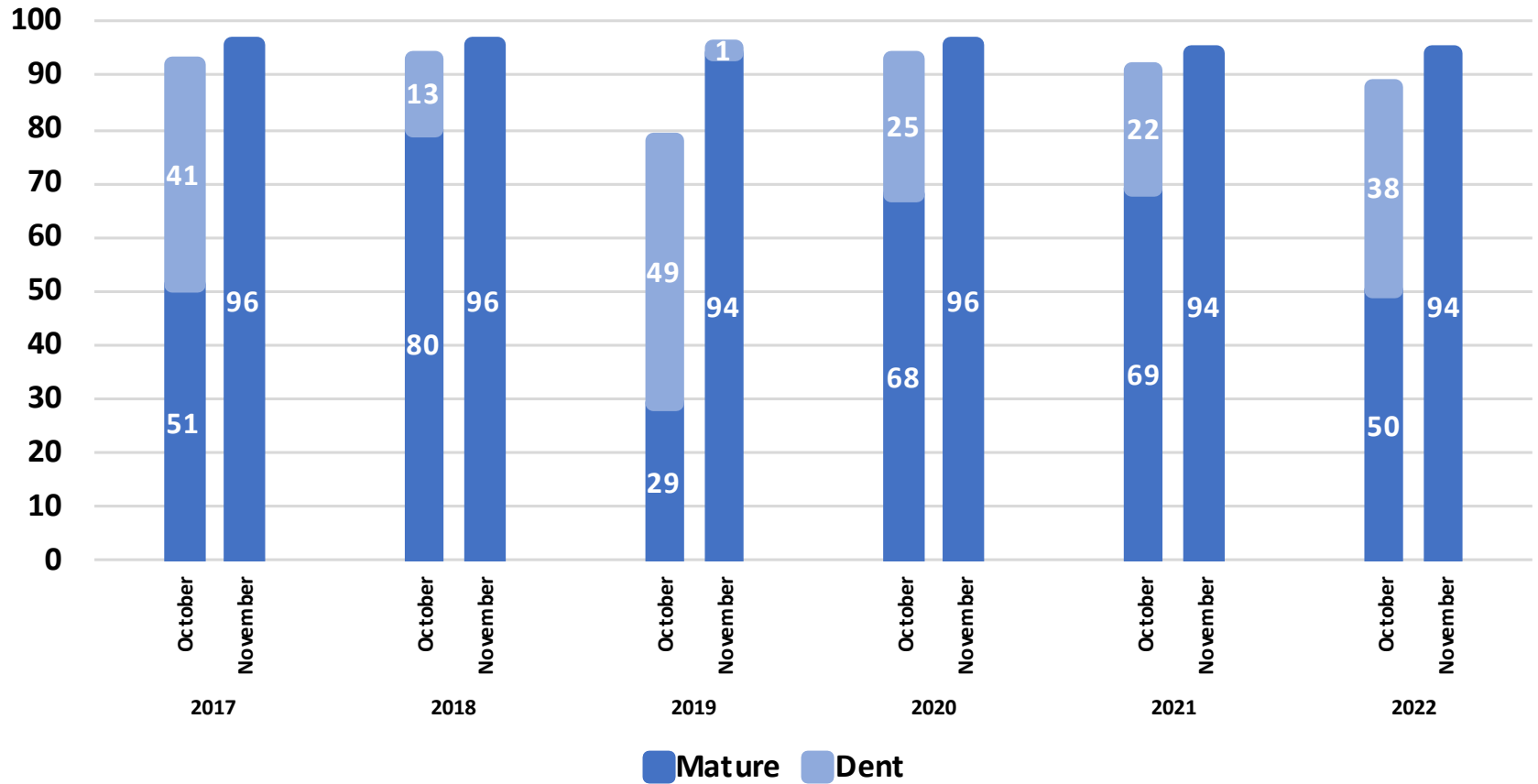


November 2022 Corn Objective Yield

Percent of Samples Processed in the Lab



Percent

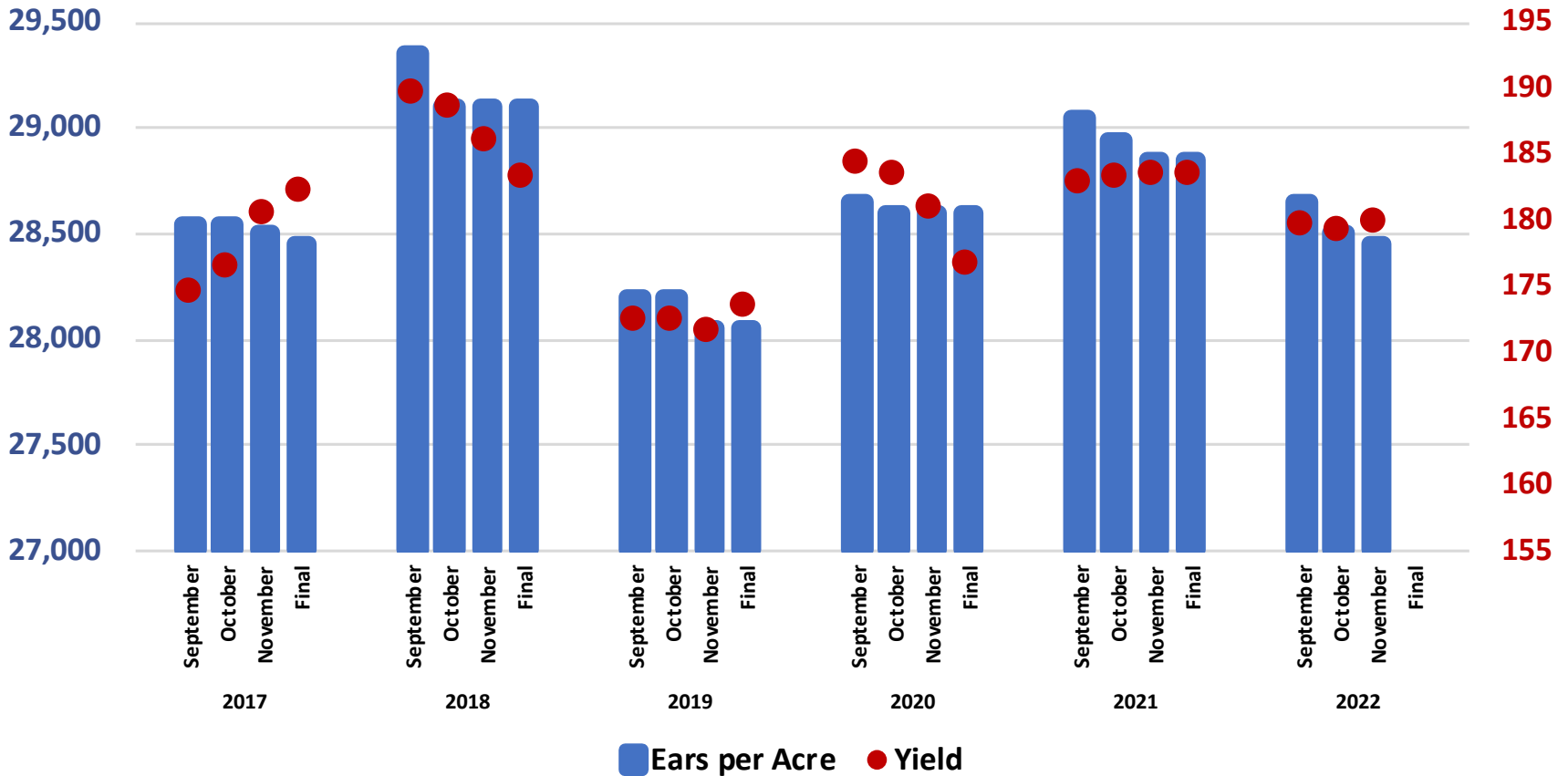


November 2022 Corn Objective Yield

Ears per Acre and Yield for 10 State Region

Ears per Acre

Bushels per Acre

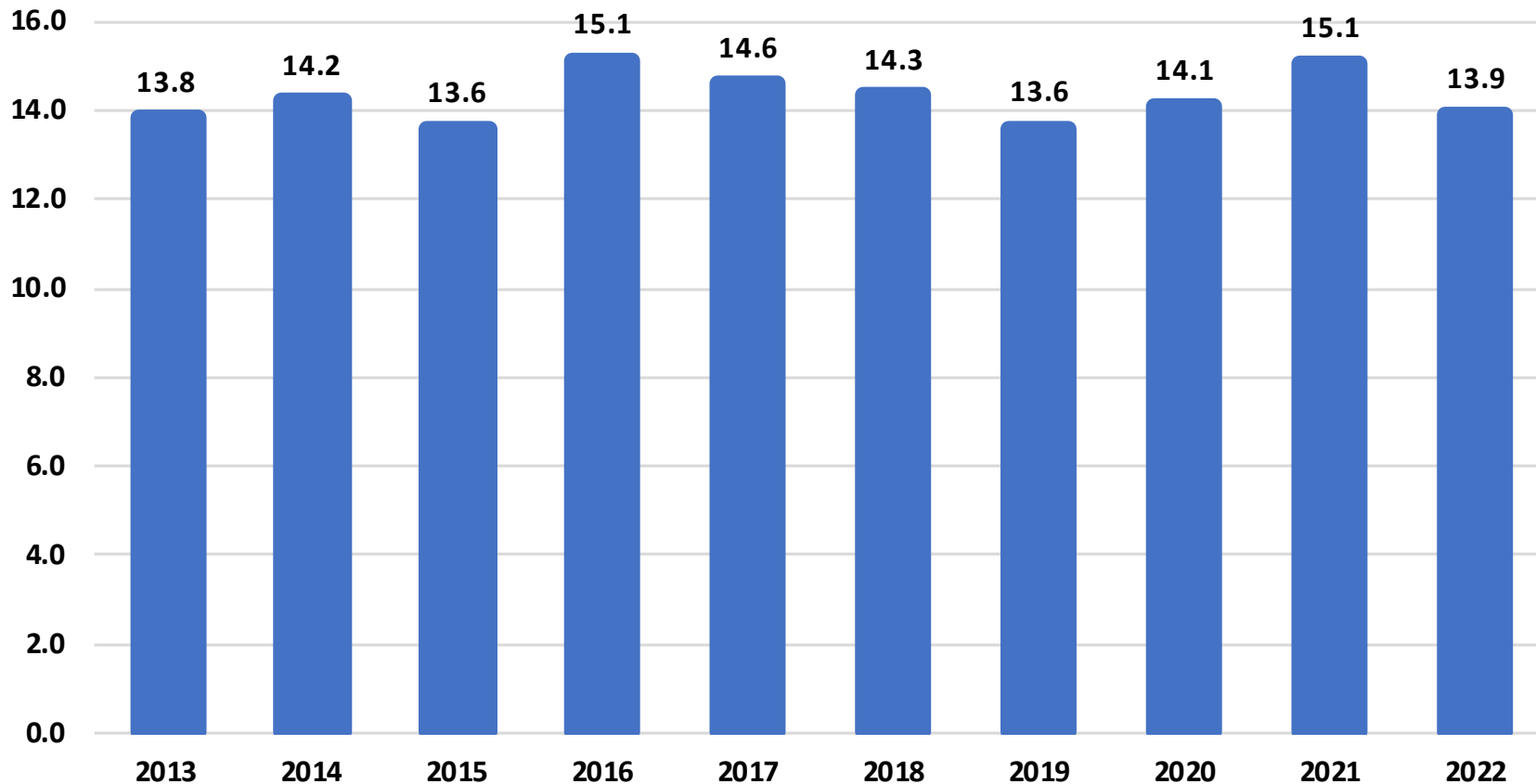




November 2022 Corn Production United States

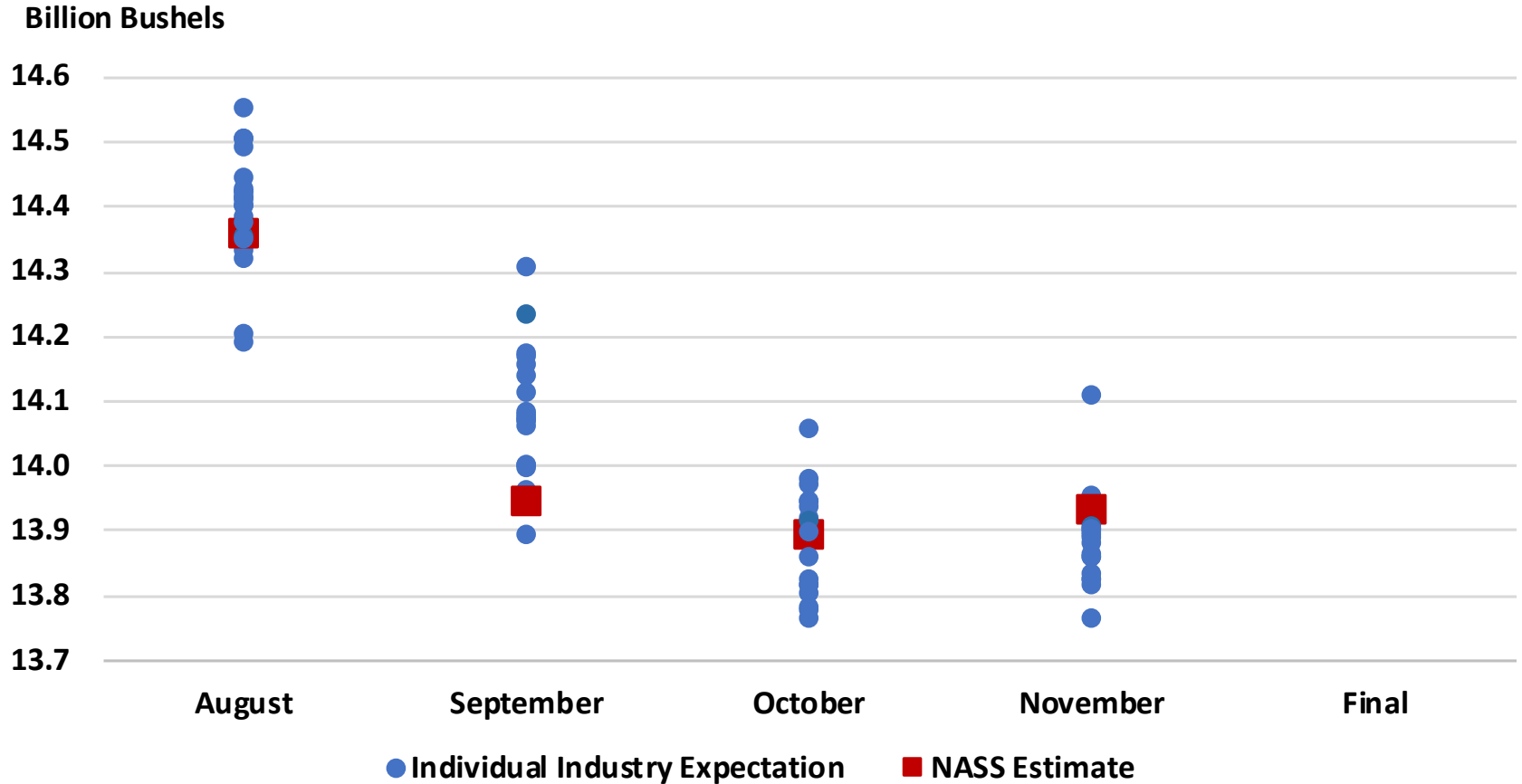


Billion Bushels



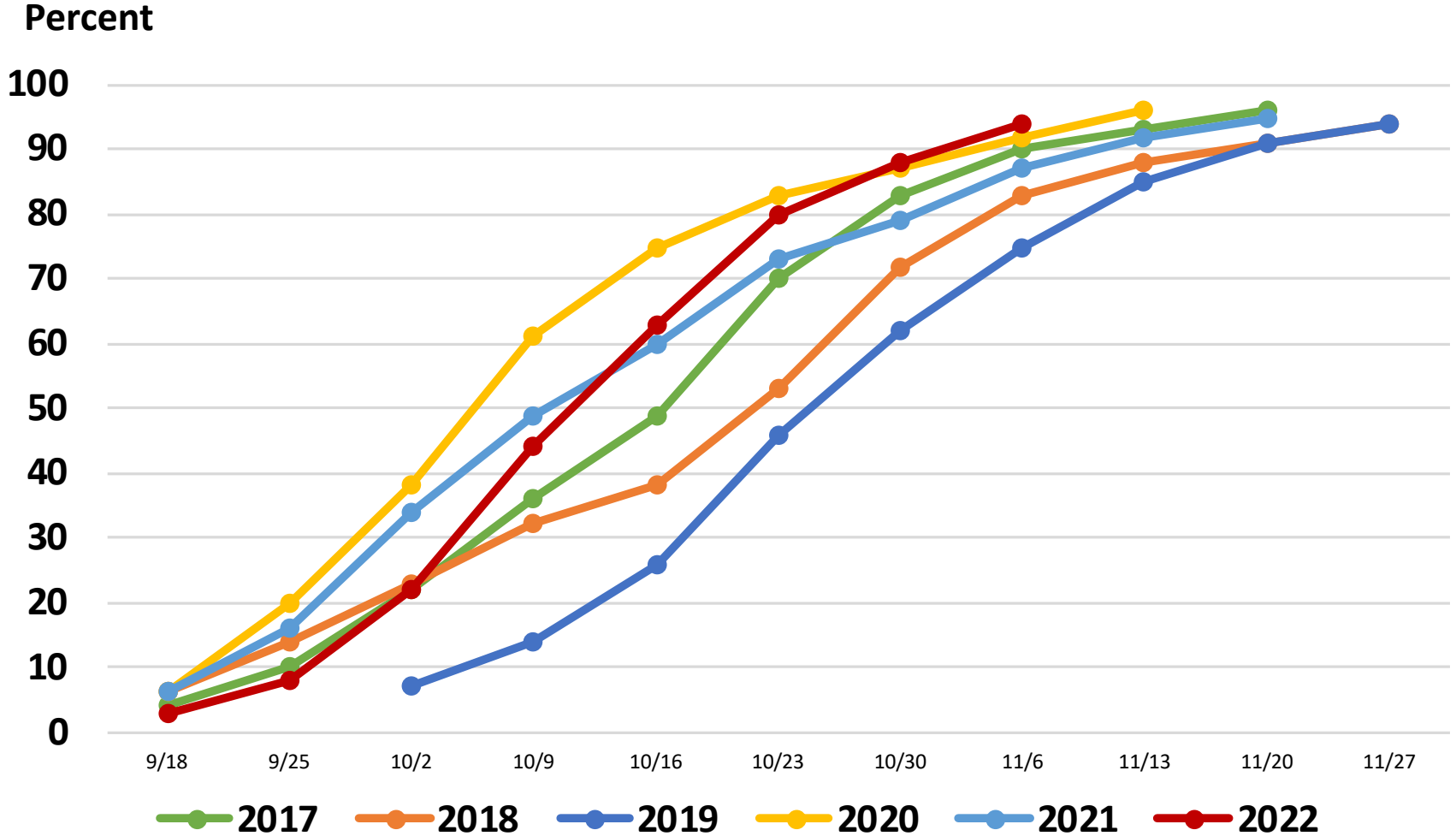
2022 U.S. Corn Production

Industry Expectations vs NASS



United States Soybean Progress

Percent Harvested





November 2022 Soybeans

Acres, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	87,455	86,631	50.2	4,345,524
% Change from Previous Estimate	NC	NC	↑ 0.8	↑ 0.8
% Change from Previous Season	↑ 0.3	↑ 0.4	↓ 2.9	↓ 2.7

Top 5 States - By Production

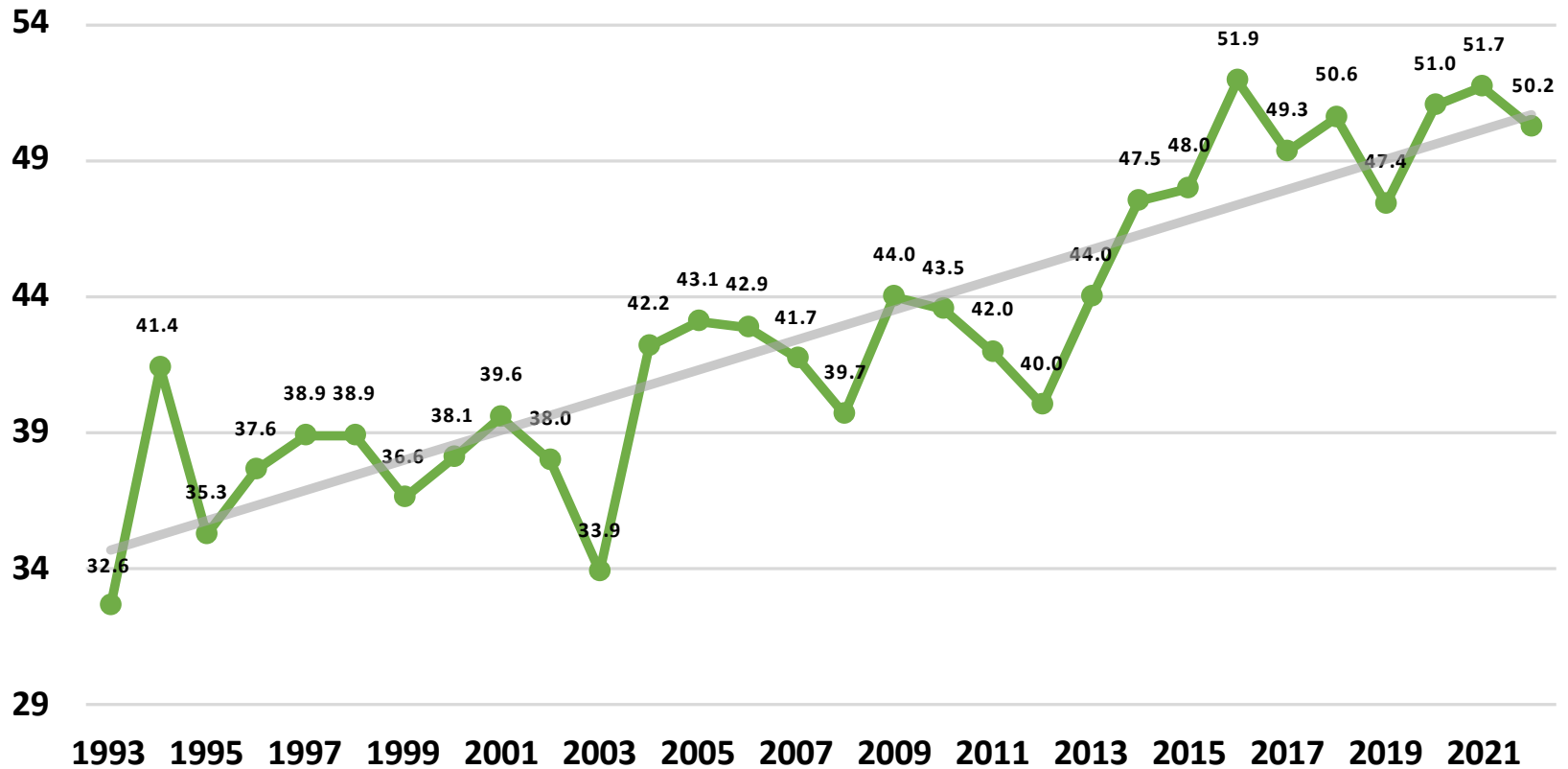
	Planted		Harvested		Yield		Production	
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Bushels/Acre)	% Δ PY	(1,000 Bushels)	% Δ PY
Illinois	10,800	↑ 1.9	10,700	↑ 1.8	64.0	↓ 1.5	684,800	↑ 0.2
Iowa	10,100	NC	10,020	↓ 0.1	59.0	↓ 6.3	591,180	↓ 6.4
Minnesota	7,450	↓ 2.6	7,380	↓ 2.6	50.0	↑ 6.4	369,000	↑ 3.6
Indiana	5,850	↑ 3.5	5,830	↑ 3.4	59.0	↓ 1.7	343,970	↑ 1.6
Missouri	6,100	↑ 7.0	6,050	↑ 7.1	48.0	↓ 2.0	290,400	↑ 4.9



November 2022 Soybean Yield United States

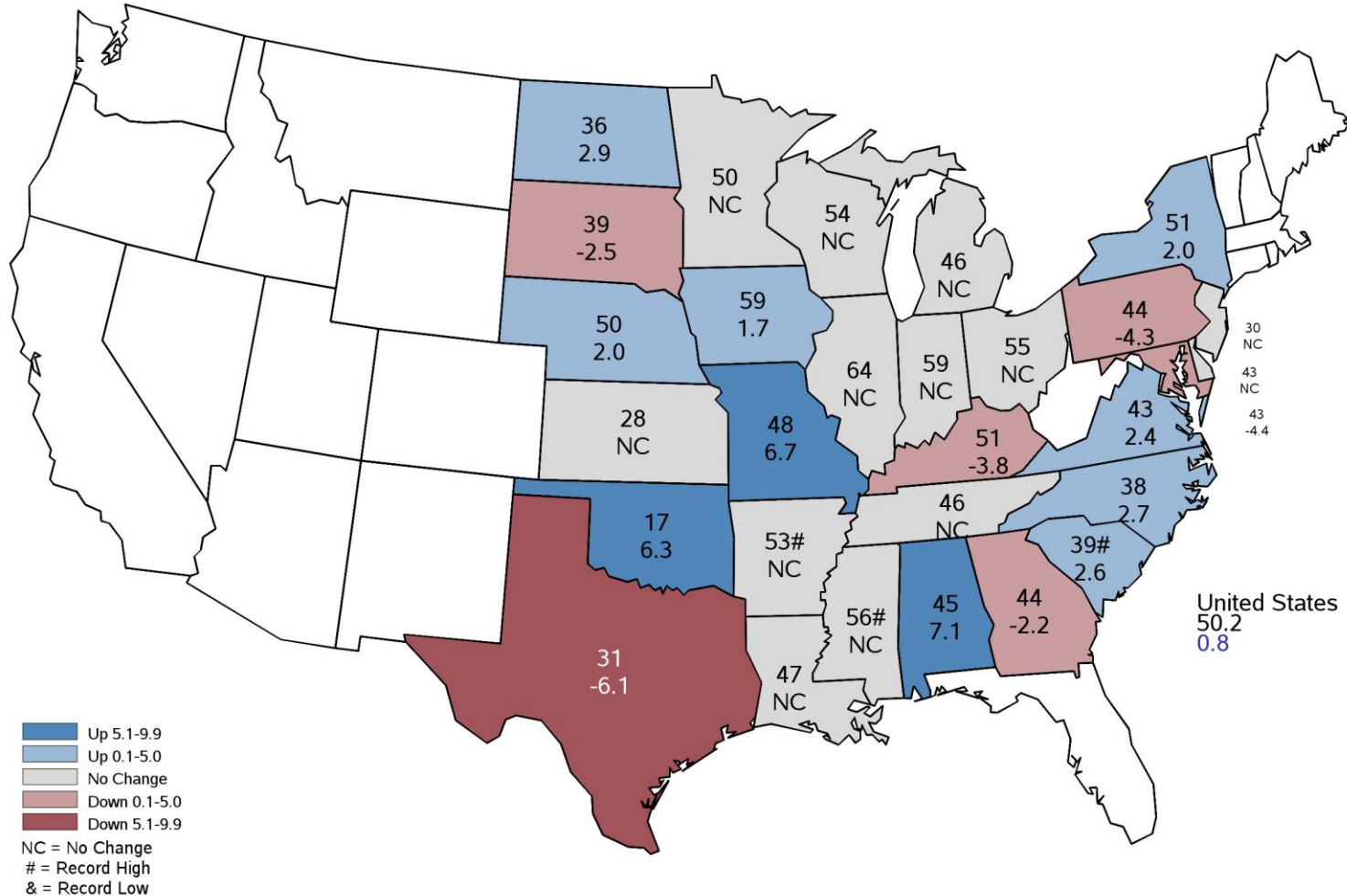


Bushels per Acre



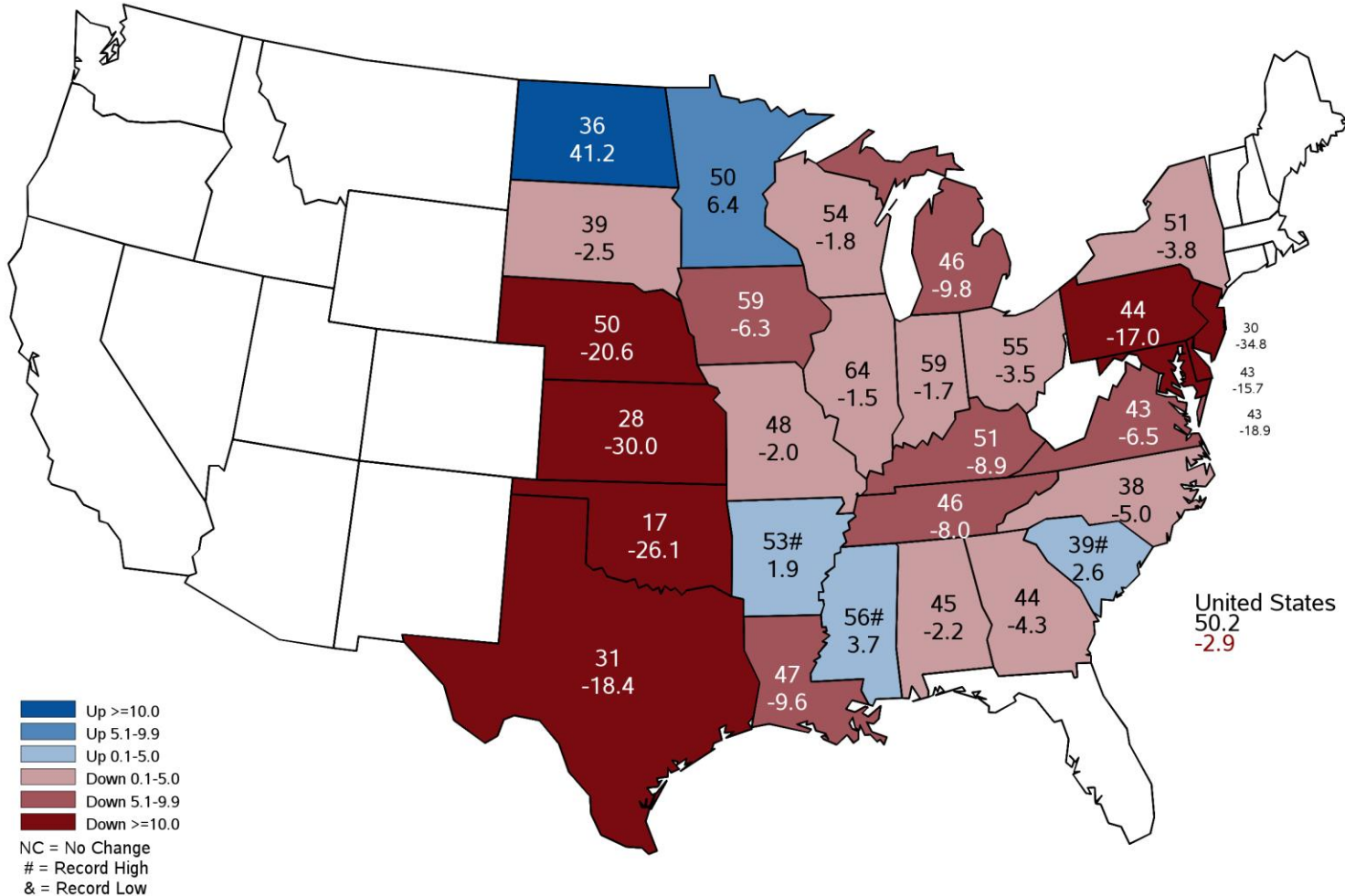
November 2022 Soybean Yield

Bushels and Percent Change from Previous Month



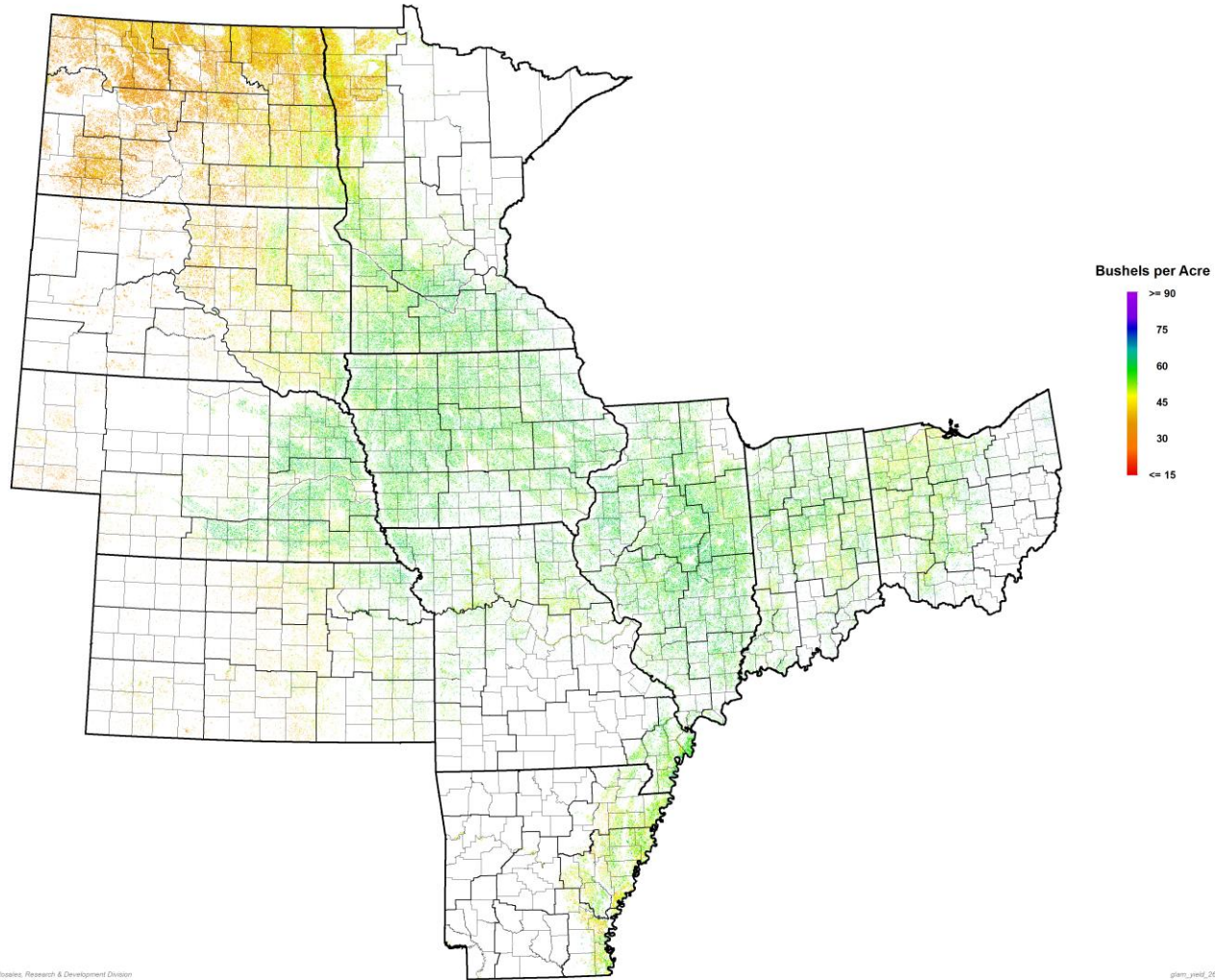
November 2022 Soybean Yield

Bushels and Percent Change from Previous Year



November 2022 Soybeans

NASA Terra MODIS Modeled Yield



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

glam_yield_255integration_2002-20_2021_soy_mo_hqos_10/9/2021

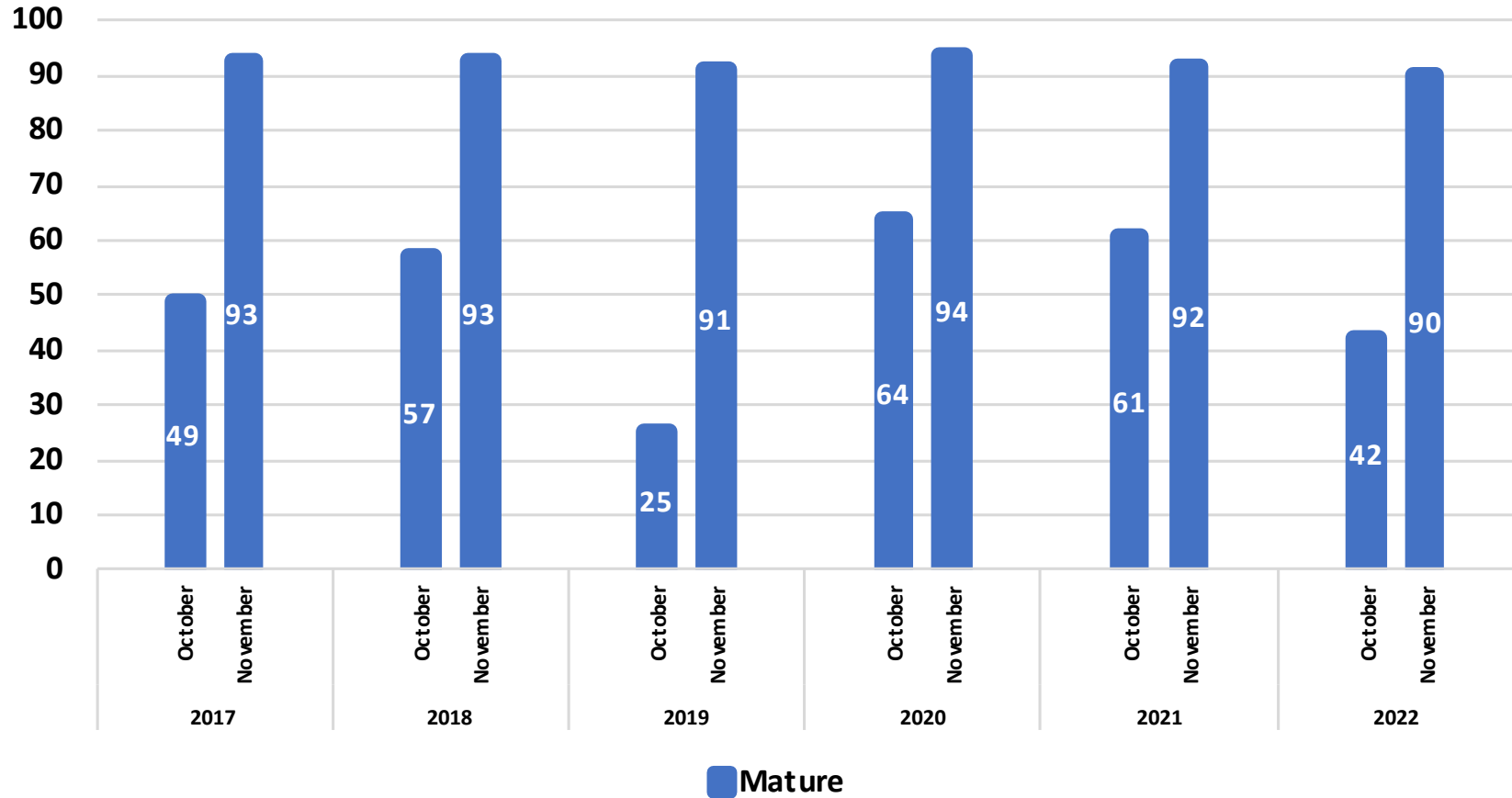


November 2022 Soybean Objective Yield

Percent of Samples Processed in the Lab



Percent



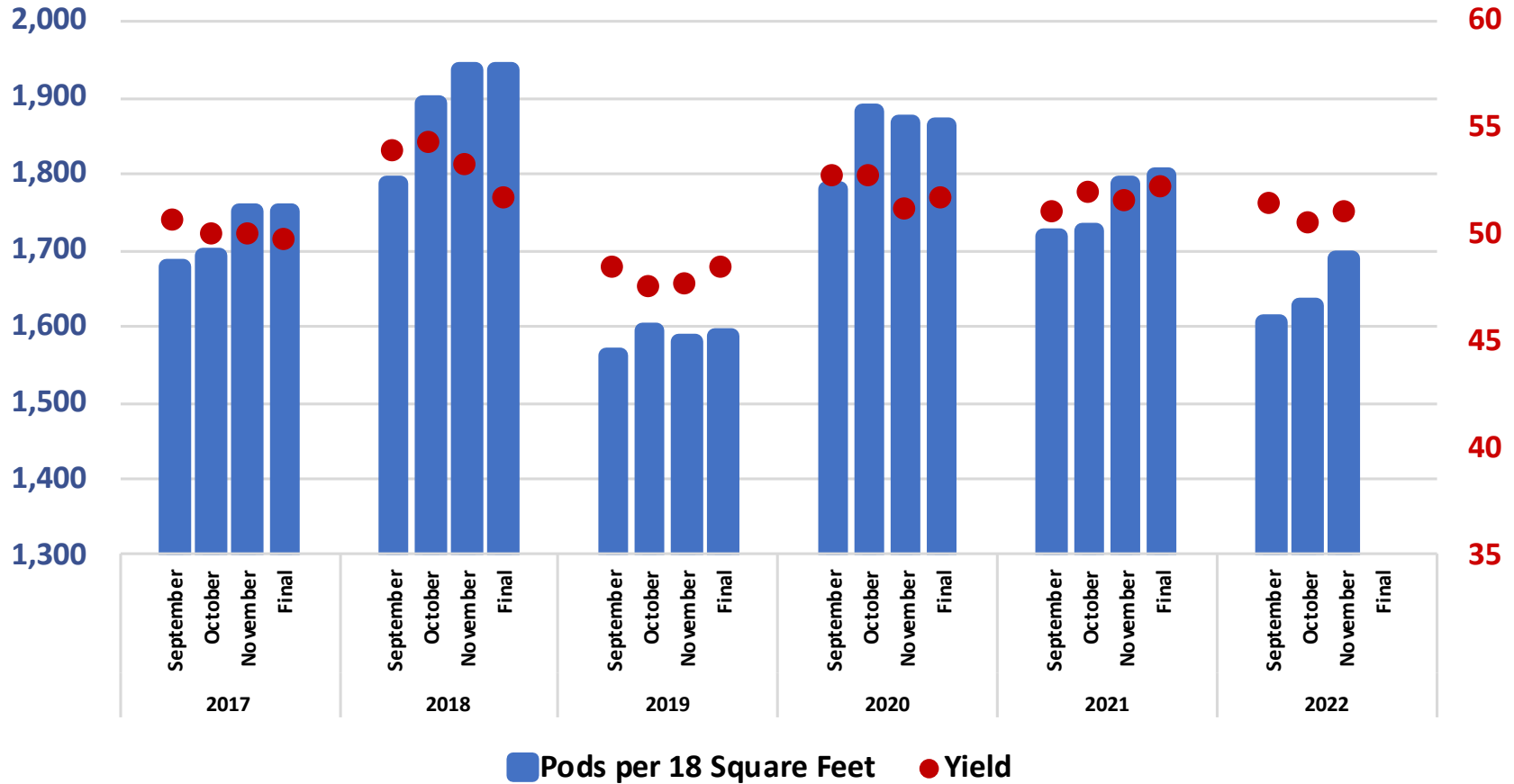


November 2022 Soybean Objective Yield

Pods per 18 Square Feet and Yield for 11 State Region

Pods per 18 Square Feet

Bushels per Acre

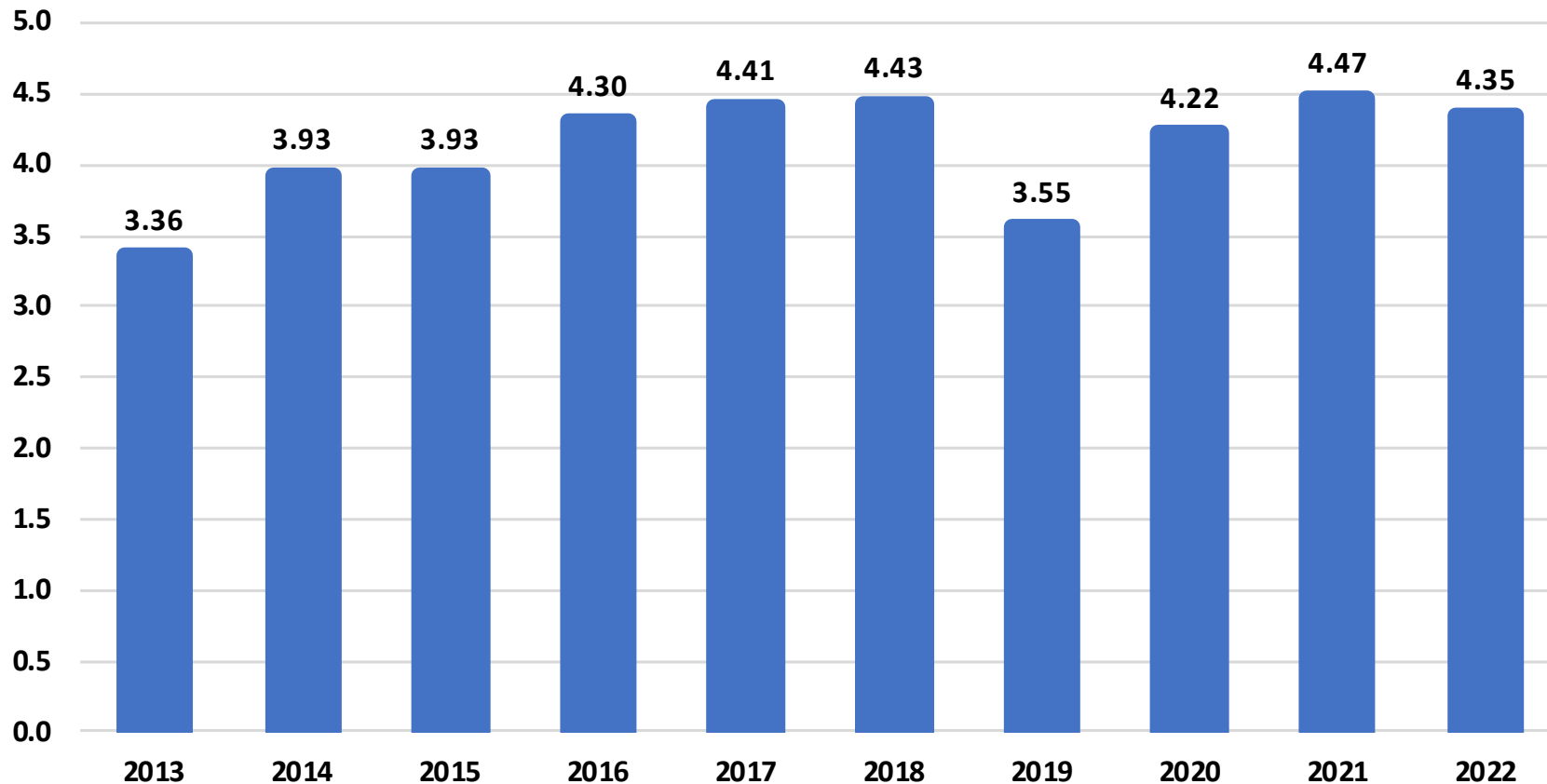




November 2022 Soybean Production United States



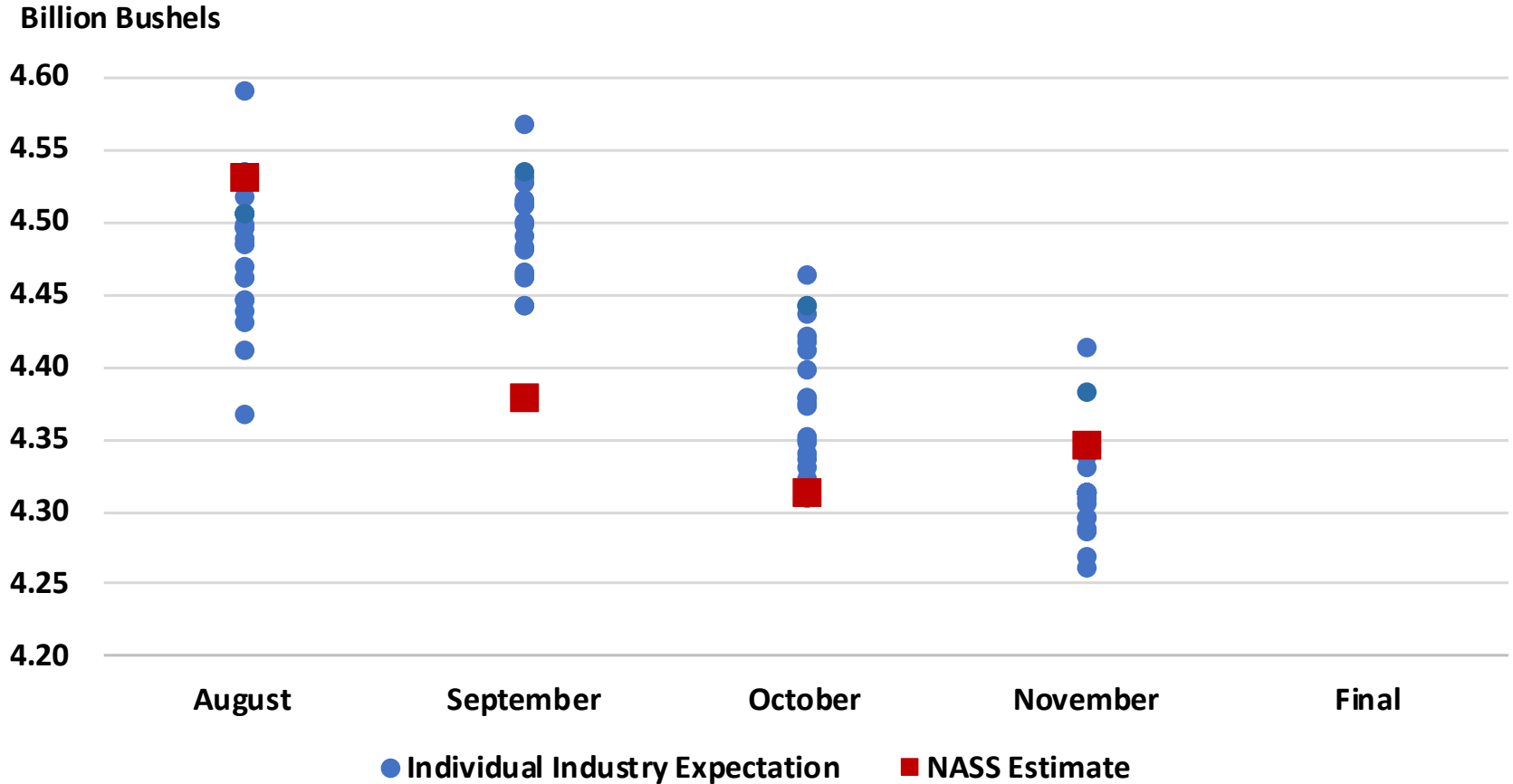
Billion Bushels





2022 U.S. Soybean Production

Industry Expectations vs NASS



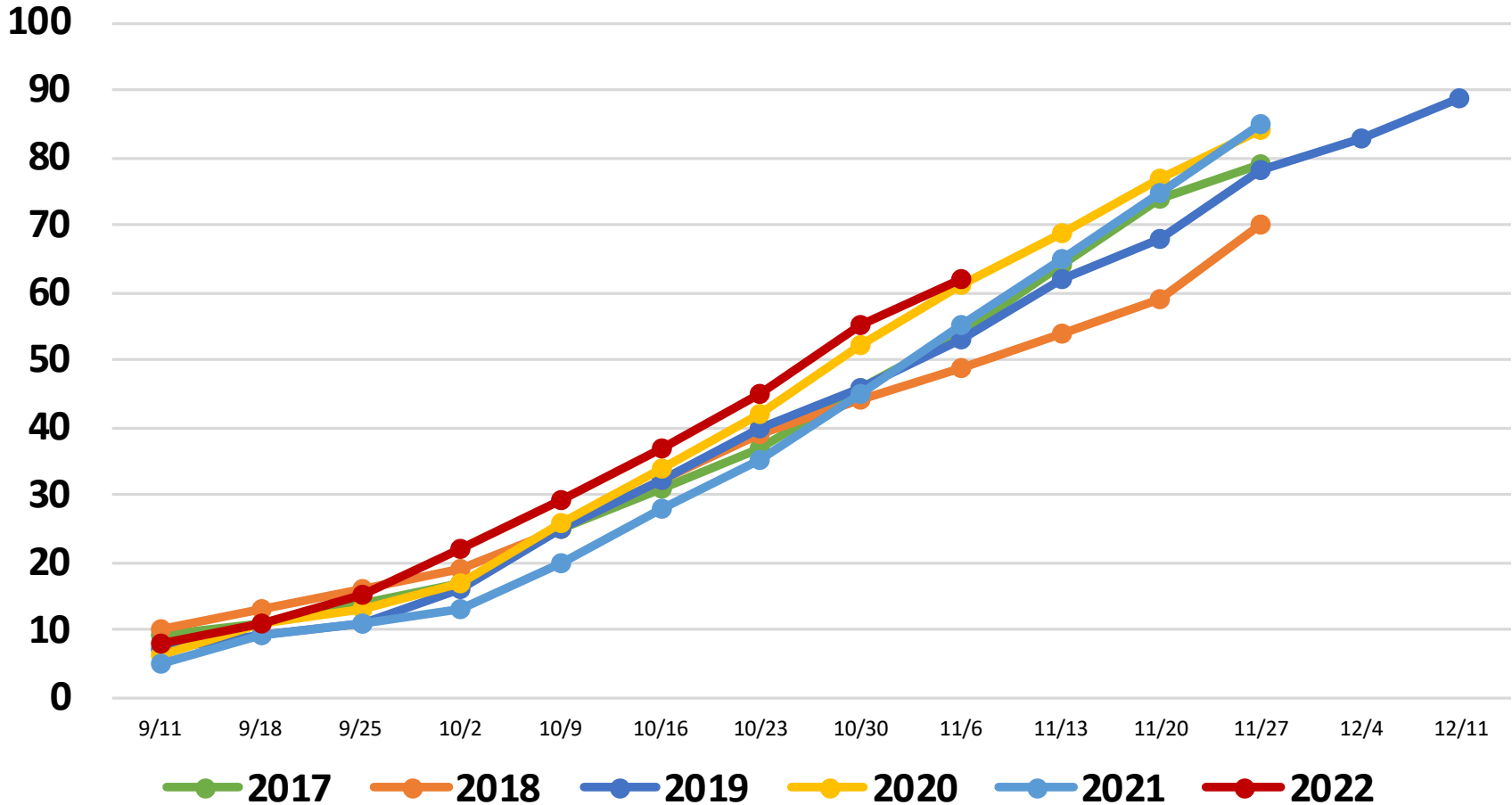


United States Cotton Progress

Percent Harvested



Percent





November 2022 Cotton Acreage, Yield, and Production



	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
United States	13,791	7,876	855	14,031
% Change from Previous Estimate	NC	NC	↑ 1.5	↑ 1.6
% Change from Previous Season	↑ 23.0	↓ 23.3	↑ 4.4	↓ 19.9

Top 5 States - By Production

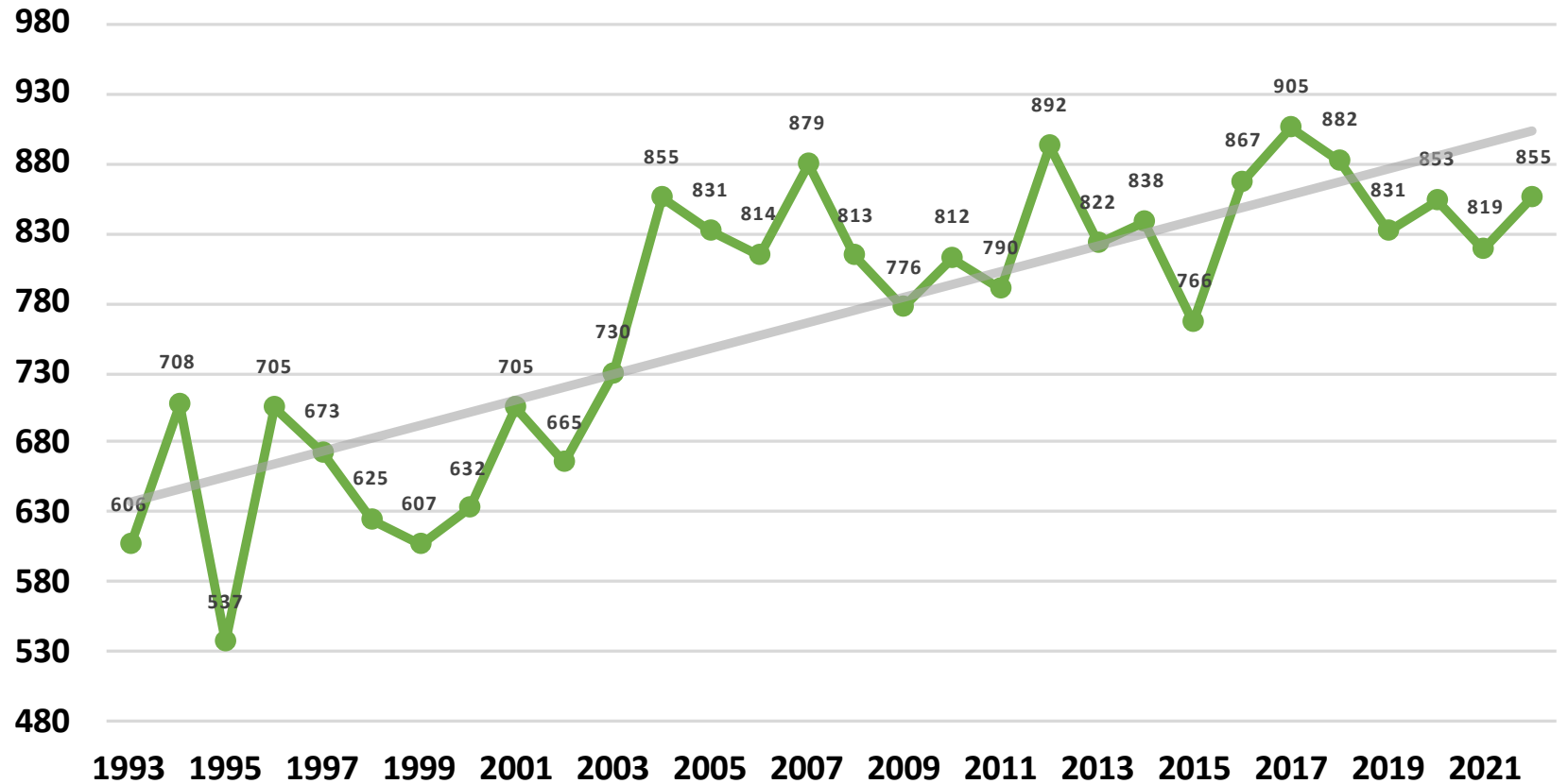
	Planted		Harvested		Yield		Production	
	(1,000 Acres)	% Δ PY	(1,000 Acres)	% Δ PY	(Pounds/Acre)	% Δ PY	(1,000 Bales)	% Δ PY
Texas	7,933	↑ 24.6	2,530	↓ 54.5	635.0	↓ 4.7	3,345	↓ 56.7
Georgia	1,290	↑ 10.3	1,280	↑ 10.3	938.0	↑ 2.6	2,500	↑ 13.1
Arkansas	640	↑ 33.3	630	↑ 32.6	1,166.0	↓ 6.6	1,530	↑ 23.9
Mississippi	530	↑ 19.1	525	↑ 22.1	1,006.0	↑ 0.9	1,100	↑ 23.2
North Carolina	470	↑ 25.3	455	↑ 24.7	935.0	↓ 8.1	886	↑ 14.6



November 2022 Cotton Yield United States

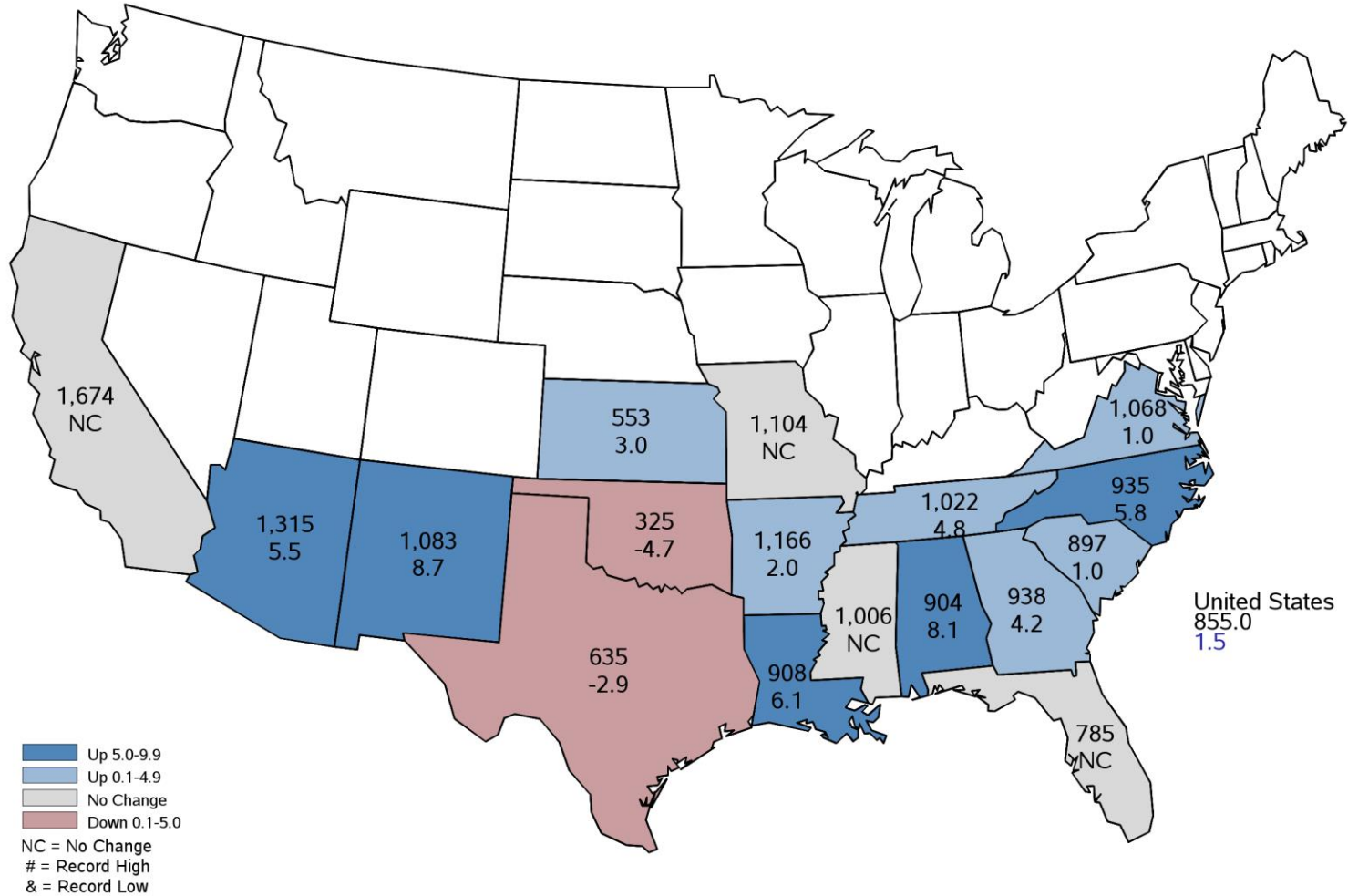


Pounds per Acre



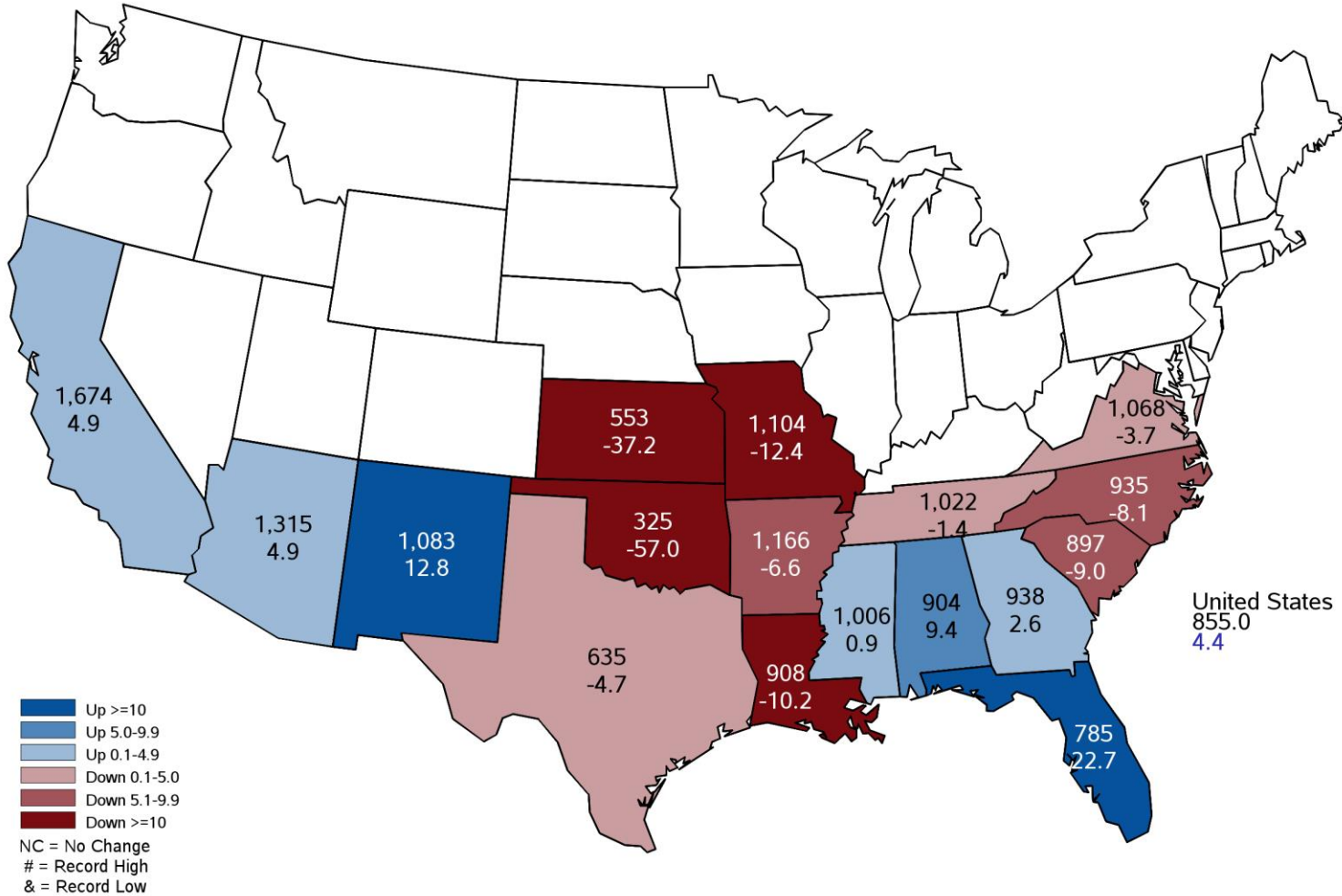
November 2022 Cotton Yield

Pounds and Percent Change from Previous Month



November 2022 Cotton Yield

Pounds and Percent Change from Previous Year

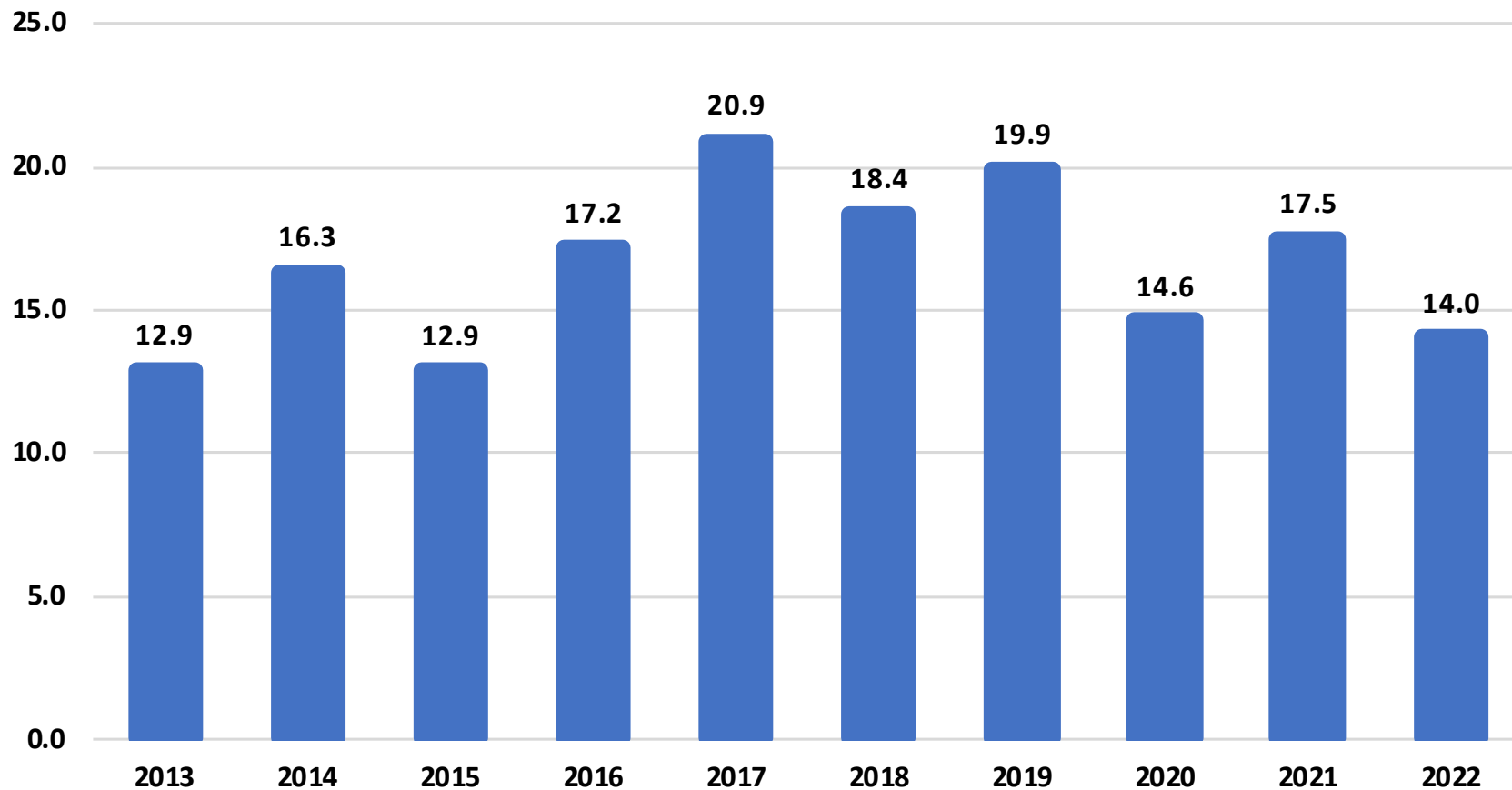




November 2022 Cotton Production United States



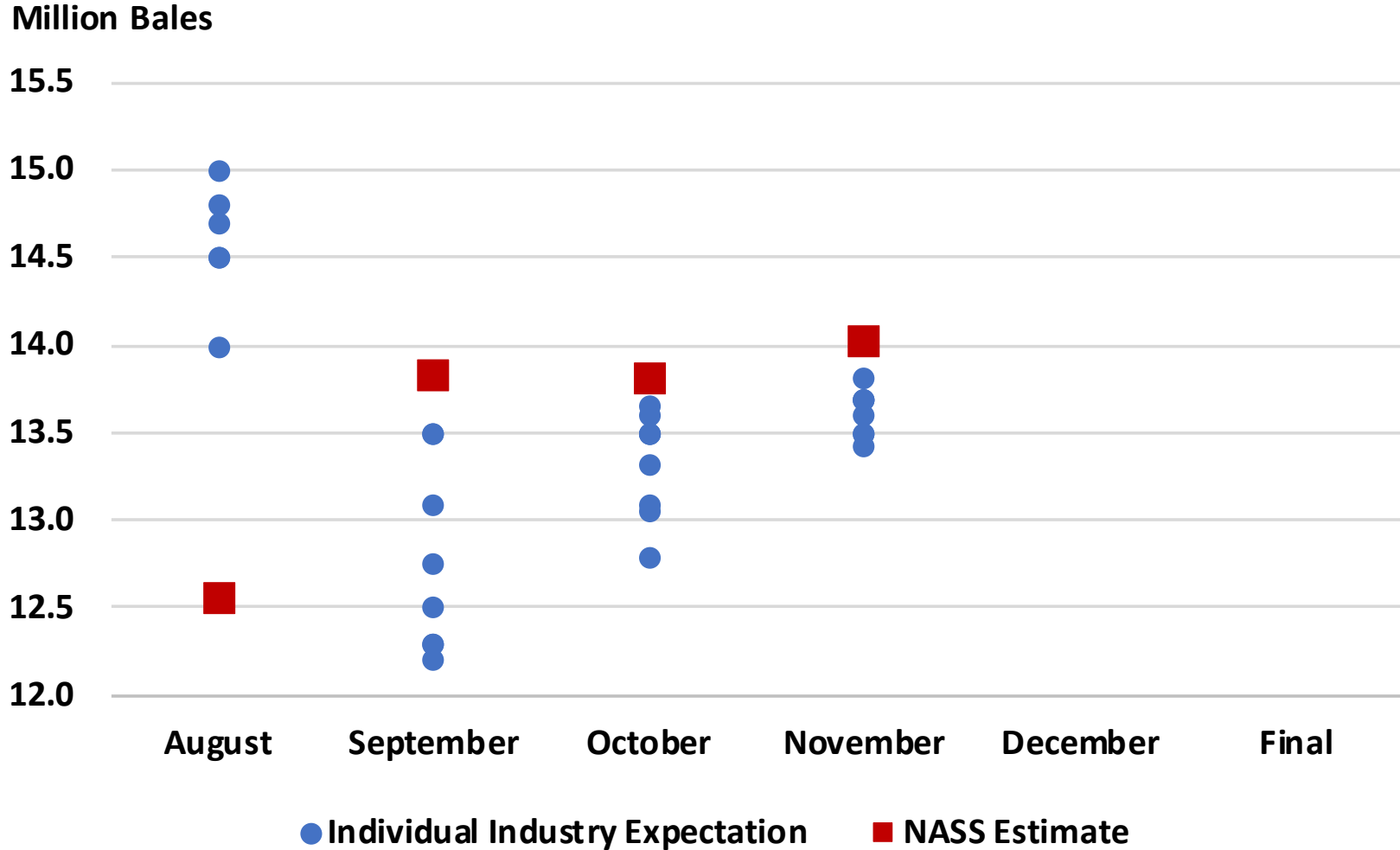
Million Bales





2022 U.S. Cotton Production

Industry Expectations vs NASS





November 2022 Field Crops

Acreage, Yield, and Production



	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Peanuts	1,459	1,411	4,090	Lb	5,771,000	Lb
% Change from Previous Estimate	NC	NC	NC		NC	
% Change from Previous Season	↓ 7.7	↓ 8.4	↓ 1.0		↓ 9.3	
Potatoes	912	906	438	Cwt	396,889	Cwt
% Change from Previous Estimate	↑ 0.2	↑ 0.4	N/A		N/A	
% Change from Previous Season	↓ 2.3	↓ 1.9	↓ 1.4		↓ 3.2	
Rice	2,223	2,177	7,549	Lb	164,349	Cwt
% Change from Previous Estimate	NC	NC	↓ 0.7		↓ 0.7	
% Change from Previous Season	↓ 12.2	↓ 12.5	↓ 2.1		↓ 14.3	
Sorghum	6,365	5,480	43.0	Bu	235,770	Bu
% Change from Previous Estimate	NC	NC	↓ 3.6		↓ 3.6	
% Change from Previous Season	↓ 12.9	↓ 15.6	↓ 37.7		↓ 47.4	
Sugarbeets	1,173	1,149	29.1	Ton	33,462	Ton
% Change from Previous Estimate	NC	NC	↑ 1.0		↑ 1.2	
% Change from Previous Season	↑ 1.1	↑ 3.7	↓ 12.3		↓ 8.9	



November 2022 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	924	37.1	Ton	34,284	Ton
% Change from Previous Estimate	N/A	↑ 0.3	NC		↑ 0.4	
% Change from Previous Season	N/A	↓ 1.3	↑ 5.7		↑ 4.4	



Selected Upcoming Reports



November 18	Cattle on Feed
November 23	Cotton Ginnings Farm Labor
November 30	Agricultural Prices
December 1	Cotton System Fats & Oils Grain Crushings
December 9	Cotton Ginnings Crop Production

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



USDA Data Users' Meeting



2022 USDA Fall Virtual Data Users' Meeting

November 15, 2022

FREE AND OPEN TO THE PUBLIC



USDA Fall Virtual Data Users' Meeting

November 15, 2022

12:00 p.m. – 3:30 p.m. ET

[Click Here to Register](#)



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NOV 9
1PM ET**

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For Questions

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