



October Crop Production

Agricultural Statistics Board Briefing

**Lance Honig, Chief
Crops Branch**



Special Note



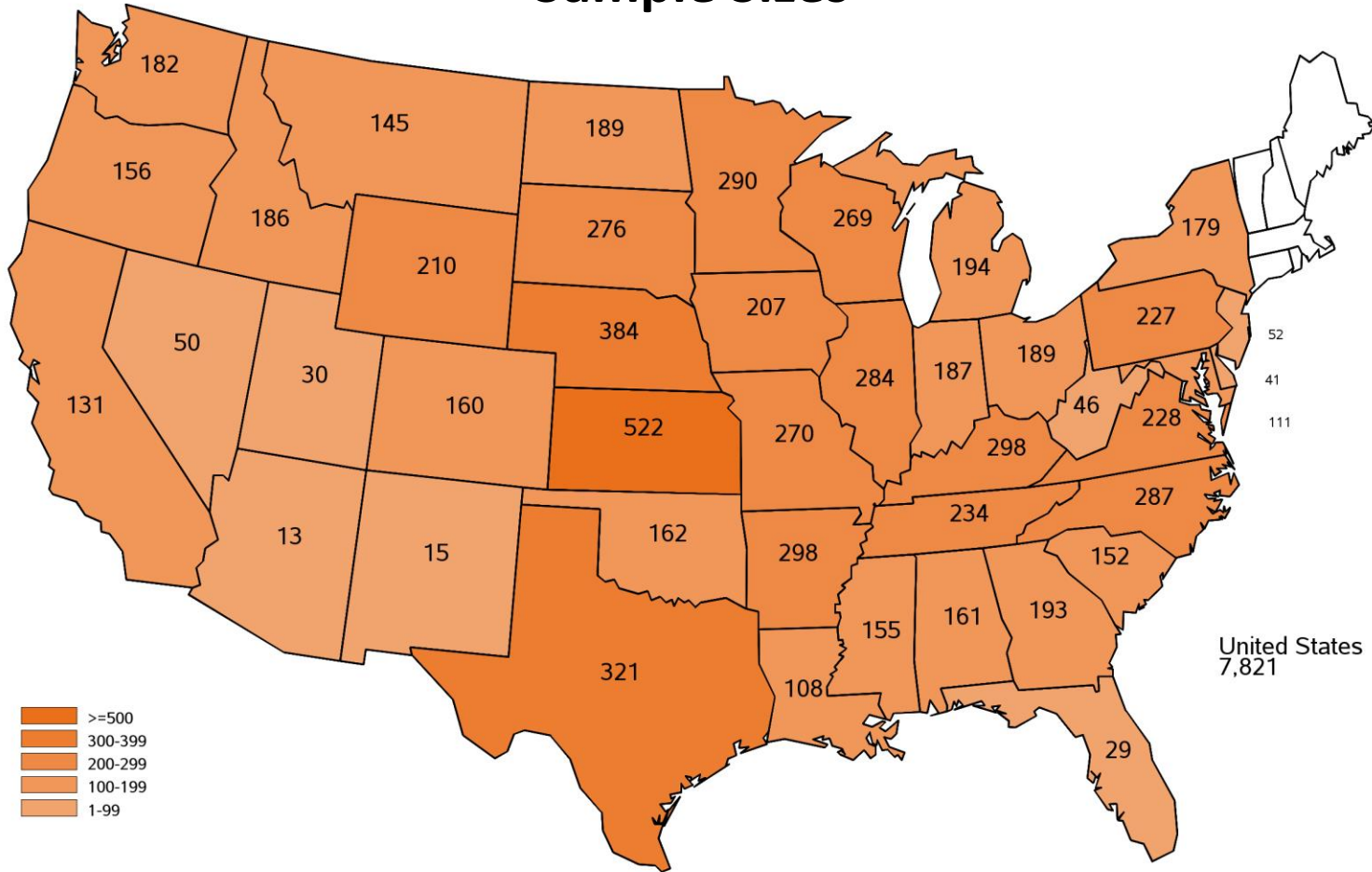
Each October, NASS has the opportunity to revise planted and harvested acreage estimates for canola, dry edible beans, and sunflower. Revisions are based on all available data, including the latest certified acreage data from the Farm Service Agency (FSA). All States in the estimating program for these crops were subject to review and updating.

Data Sources

Operator Reported Survey	Ag Yield	Sample Size = 7,821	September 29 - October 5
Field Surveys	Objective Yield Corn, Cotton, Soybeans	Sample Size = 3,930	September 23 - October 1
	Tree Inventory Florida Citrus	170,468 Acres	July 1, 2022 - June 30, 2023
	Limb Count Florida Citrus	2,925 Groves	July 10 - September 21
	Size and Drop Florida Citrus	1,791 Groves	September 5 - September 26
Remotely Sensed (Satellite)	Time Series 250 Meter MODIS Satellite Data	Focus Area Corn Belt	Imagery Through September 29
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.		

October 2023 Ag Yield Survey

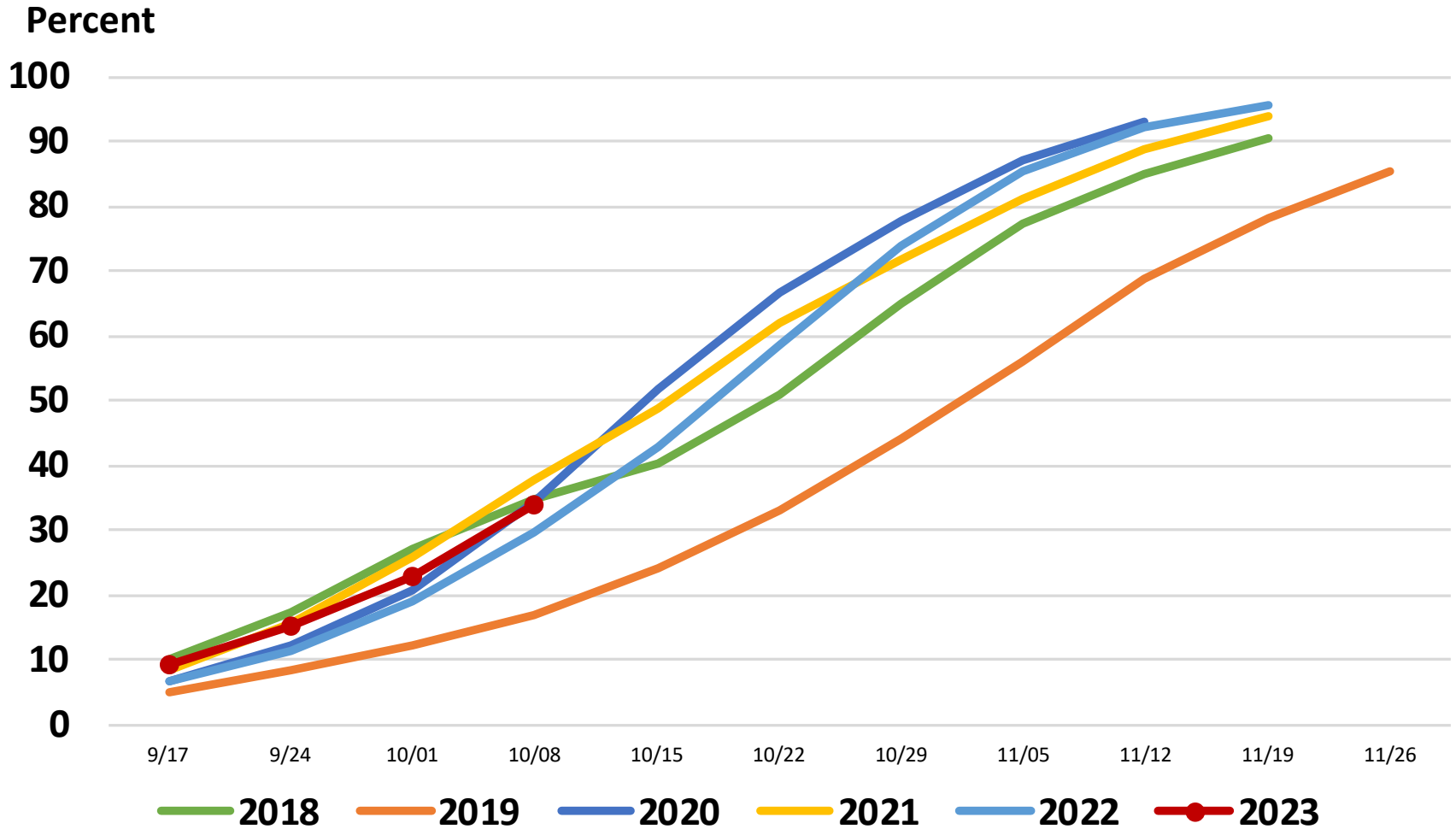
Sample Sizes





United States Corn Progress

Percent Harvested





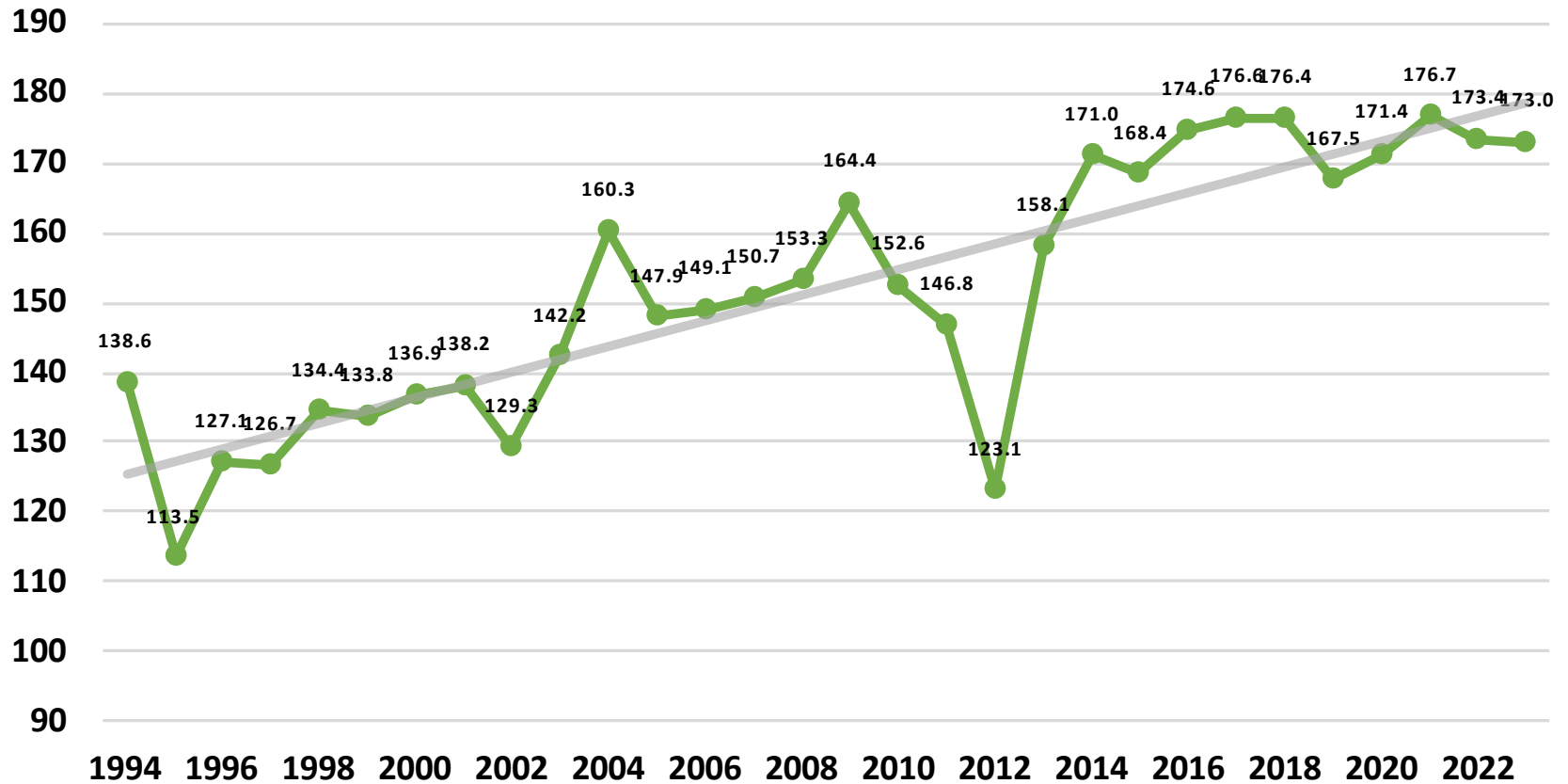
October 2023 Corn Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	94,868	87,096	173.0	15,064,420
% Change from Previous Estimate	NC	NC	↓ 0.5	↓ 0.5
% Change from Previous Season	↑ 7.1	↑ 10.1	↓ 0.2	↑ 9.8

	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
Iowa	13,100	↑ 1.6	12,600	↑ 2.0	199	↓ 0.5	2,507,400	↑ 1.5
Illinois	11,200	↑ 3.7	11,000	↑ 3.8	200	↓ 6.5	2,200,000	↓ 3.0
Nebraska	9,950	↑ 3.6	9,590	↑ 8.7	174	↑ 5.5	1,668,660	↑ 14.7
Minnesota	8,600	↑ 7.5	8,200	↑ 9.5	179	↓ 8.2	1,467,800	↑ 0.5
Indiana	5,500	↑ 4.8	5,380	↑ 4.9	197	↑ 3.7	1,059,860	↑ 8.7

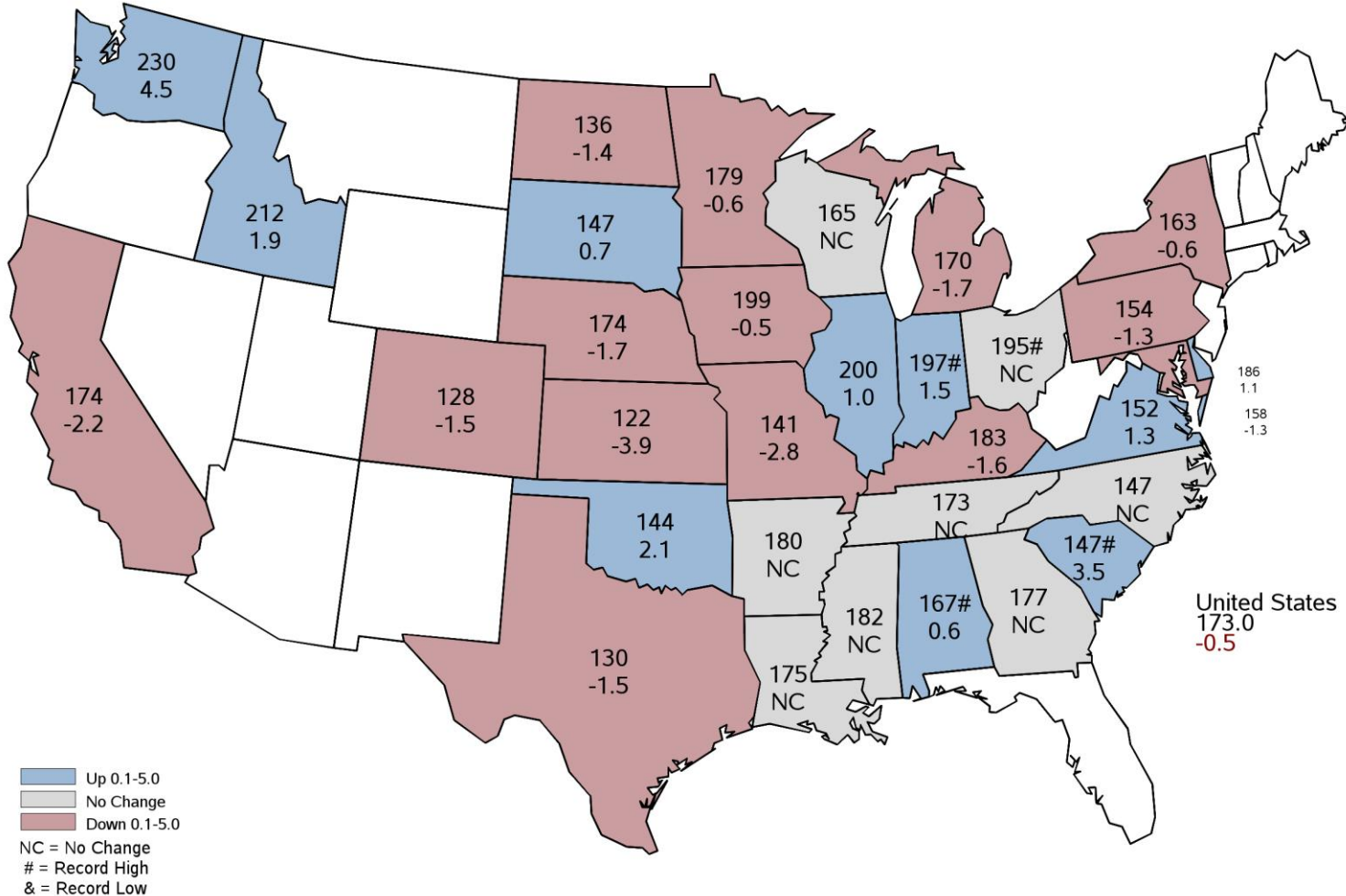
Corn Yield United States

Bushels per Acre



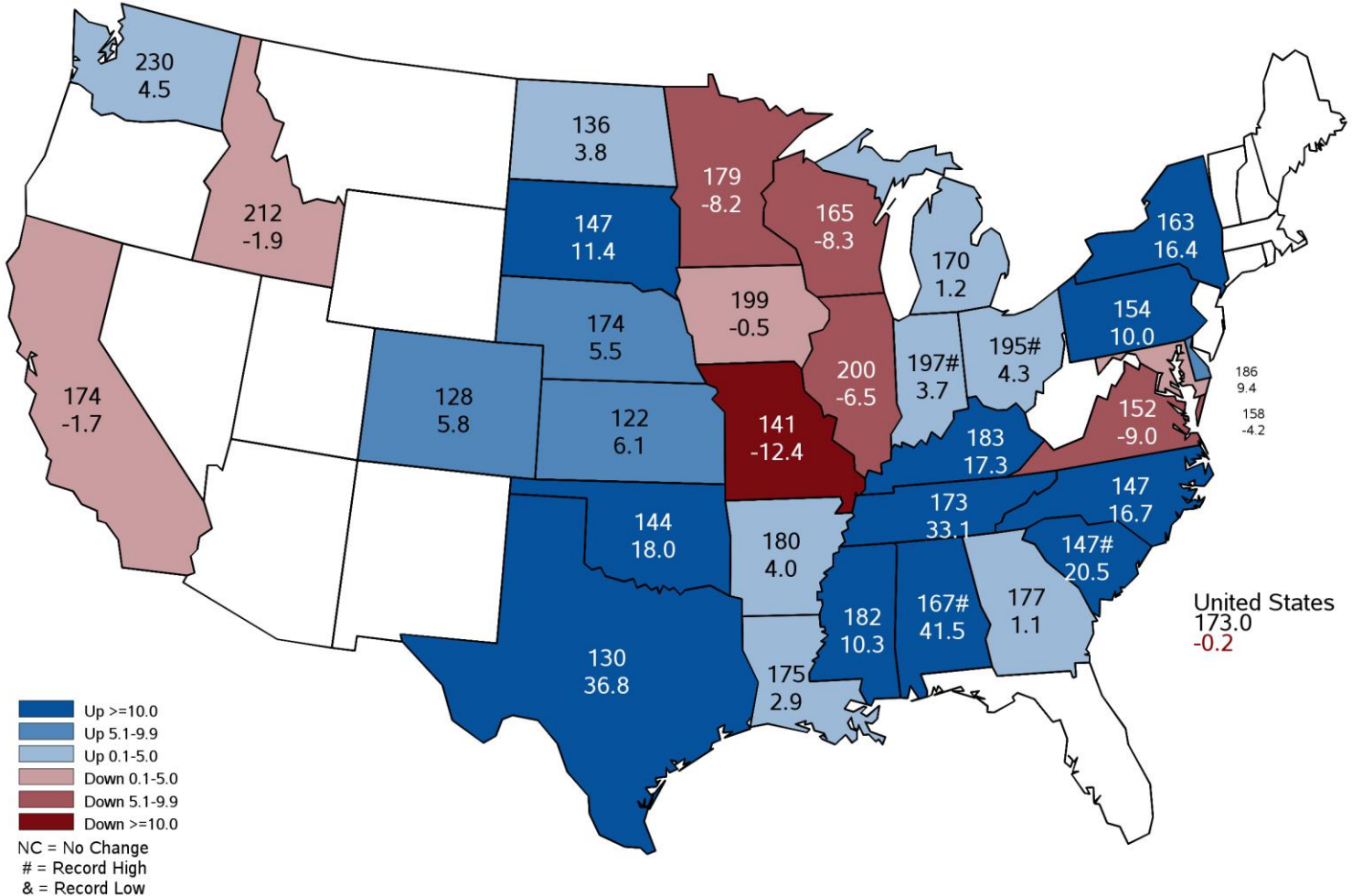
October 2023 Corn Yield

Bushels and Percent Change from Previous Month



October 2023 Corn Yield

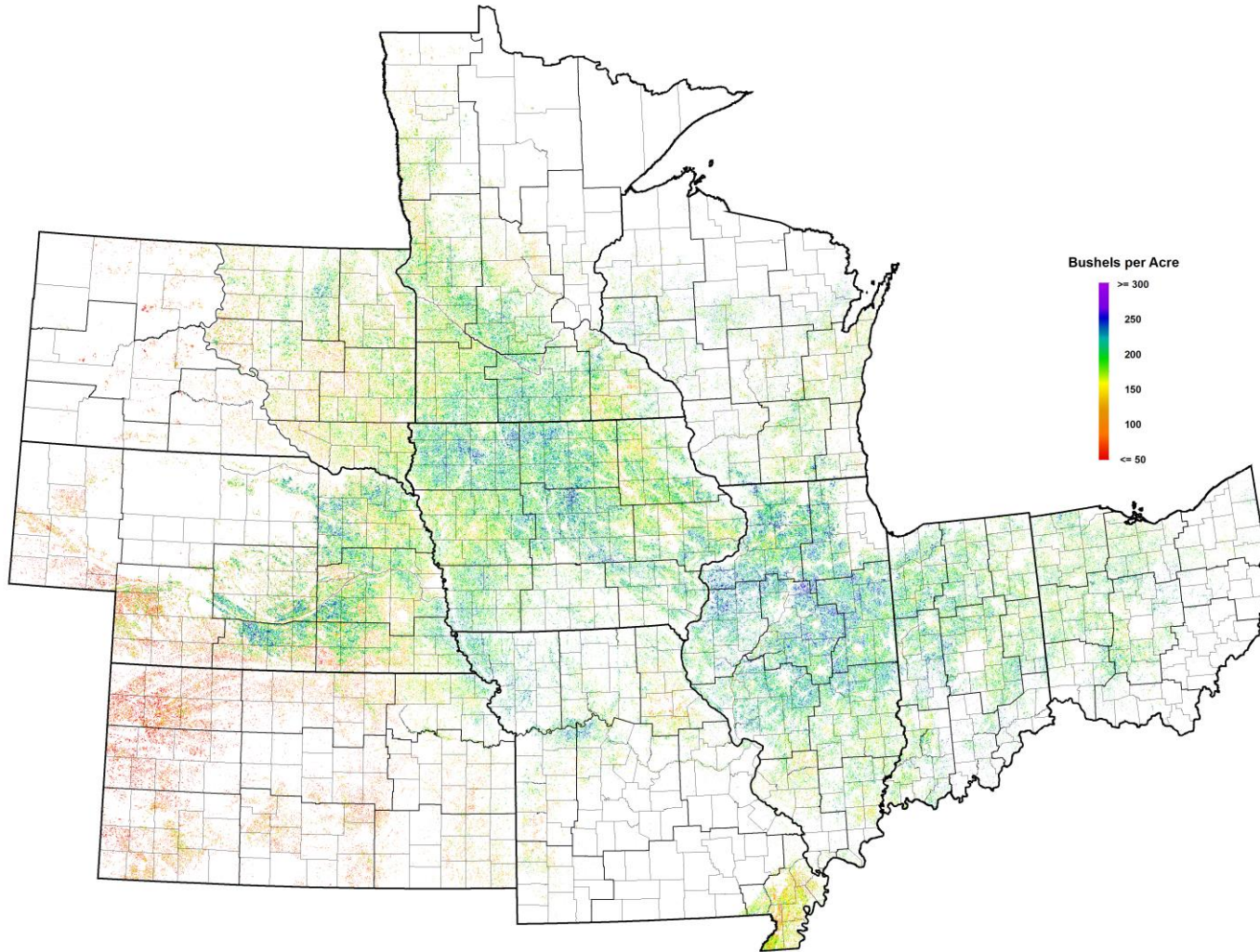
Bushels and Percent Change from Previous Year



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

October 2023 Corn

NASA Terra MODIS Modeled Yield

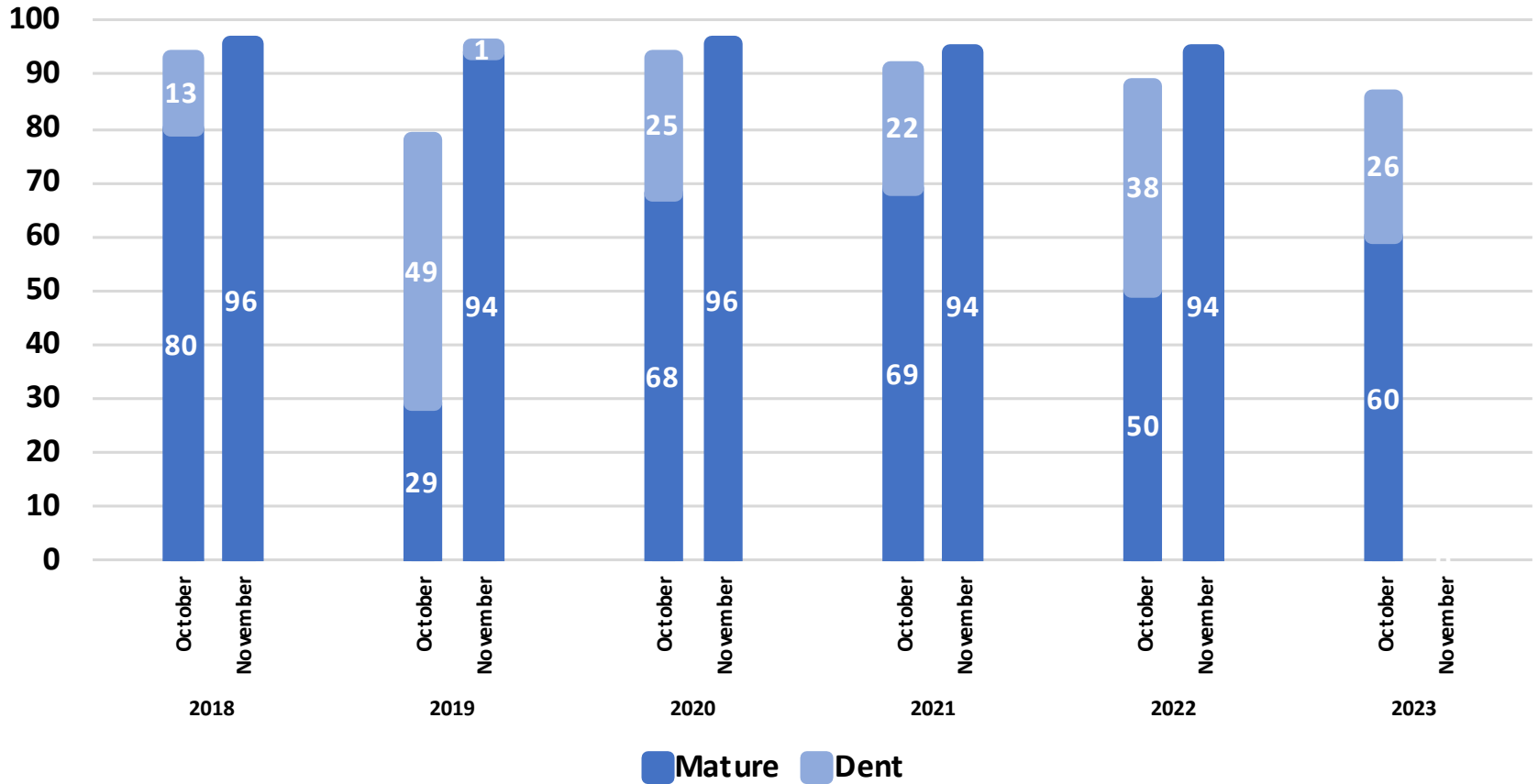




October 2023 Corn Objective Yield

Percent of Samples Processed in the Lab

Percent



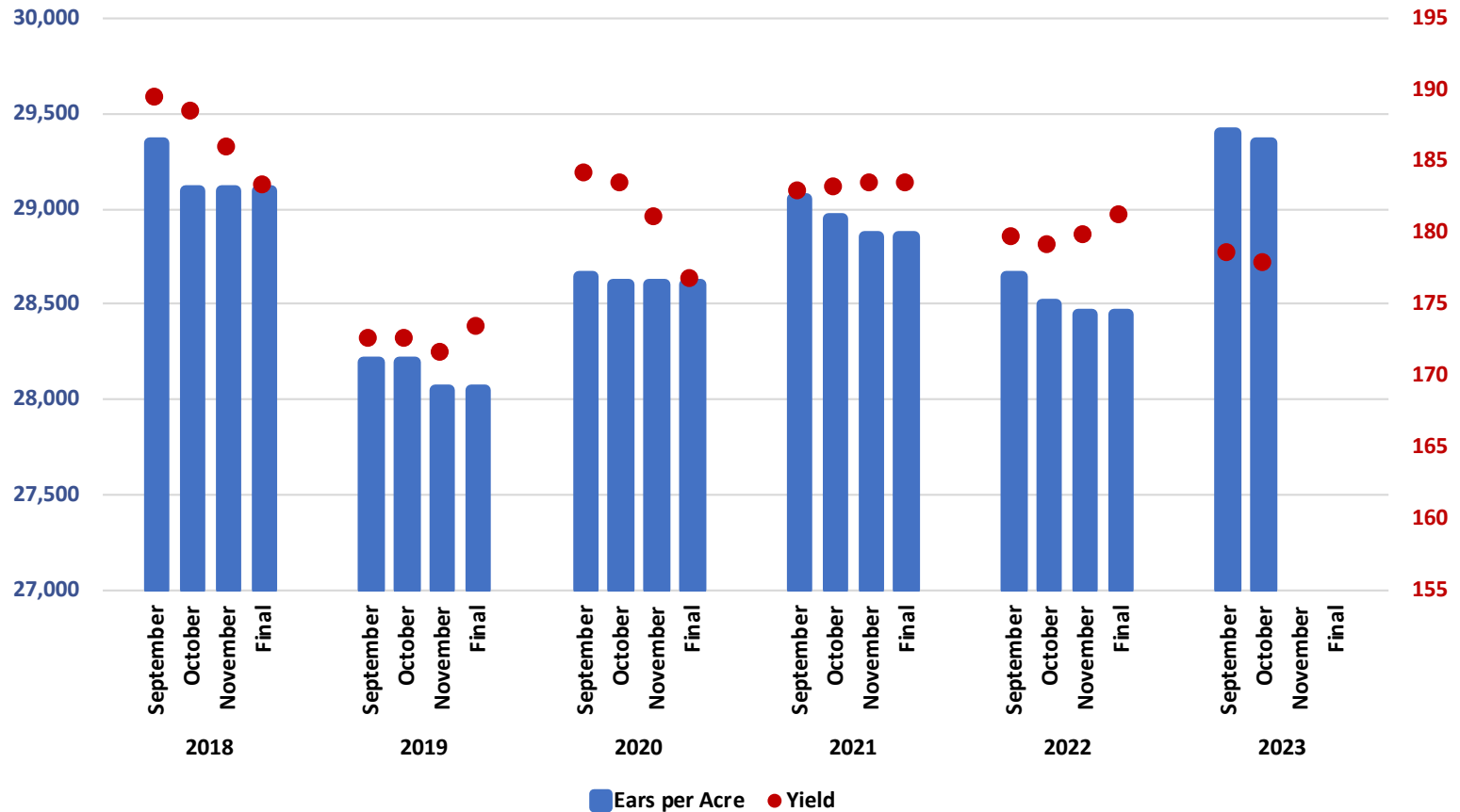


October 2023 Corn Objective Yield

Ears per Acre and Yield for 10 State Region

Ears per Acre

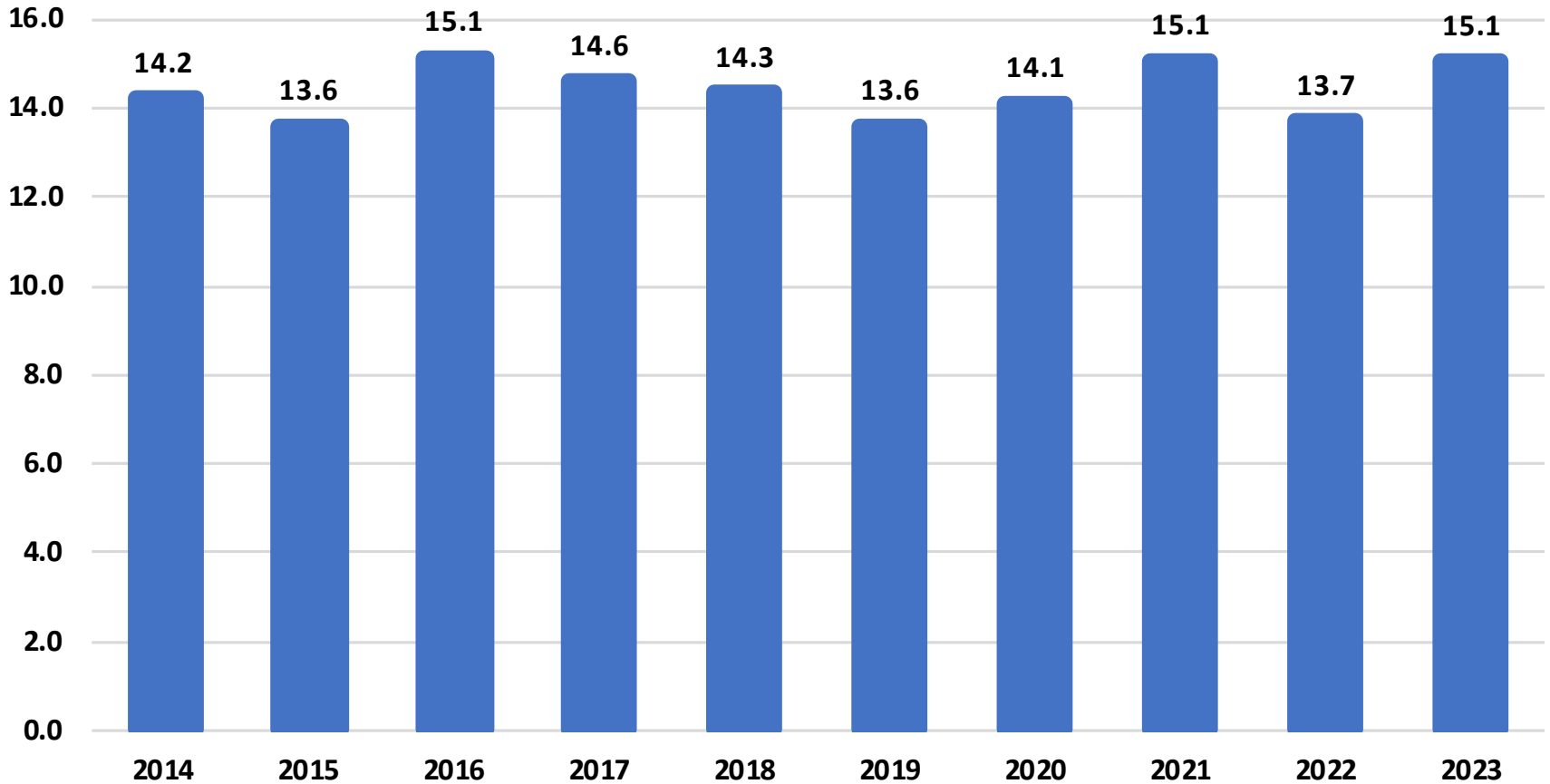
Bushels per Acre



Corn Production

United States

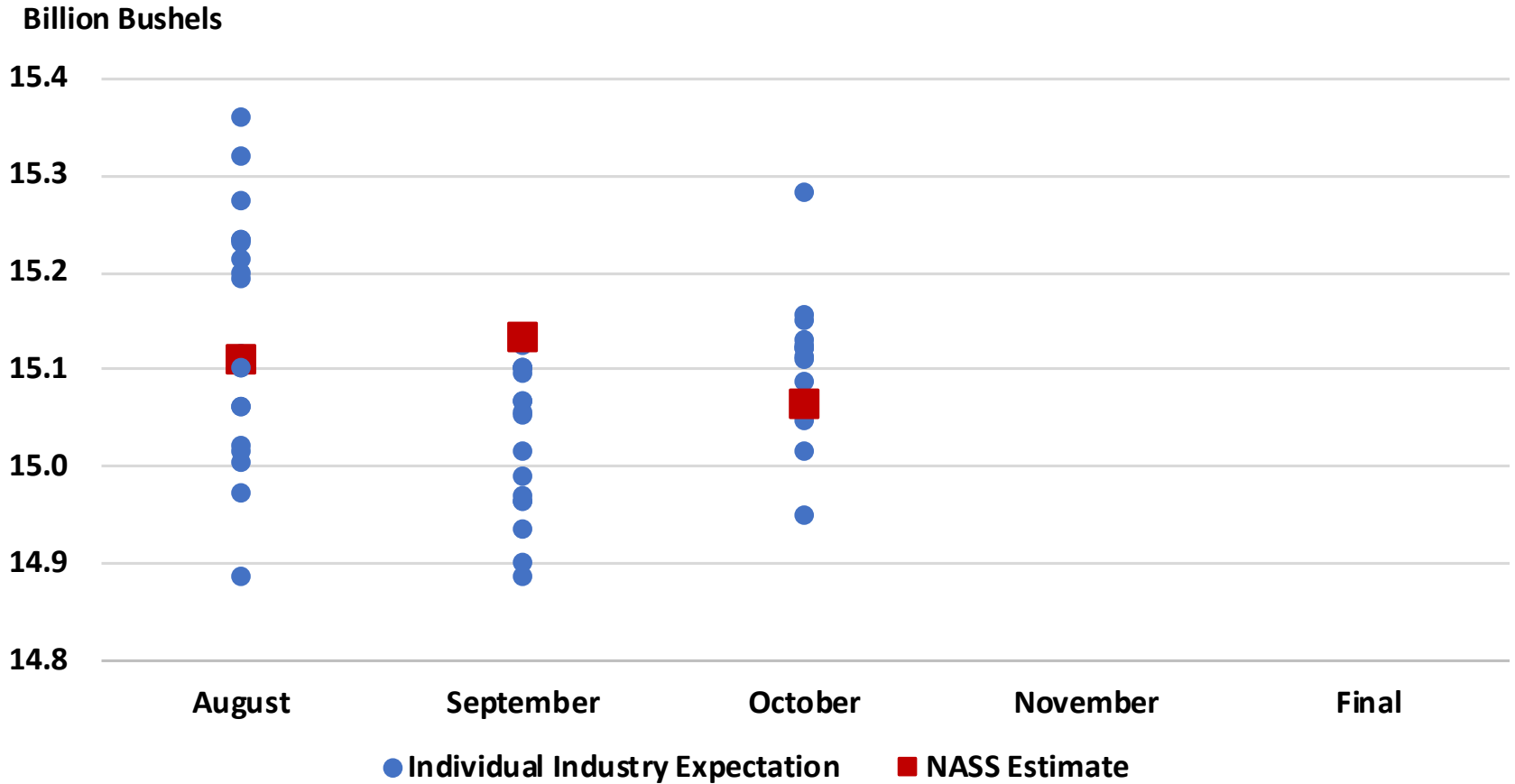
Billion Bushels





2023 U.S. Corn Production

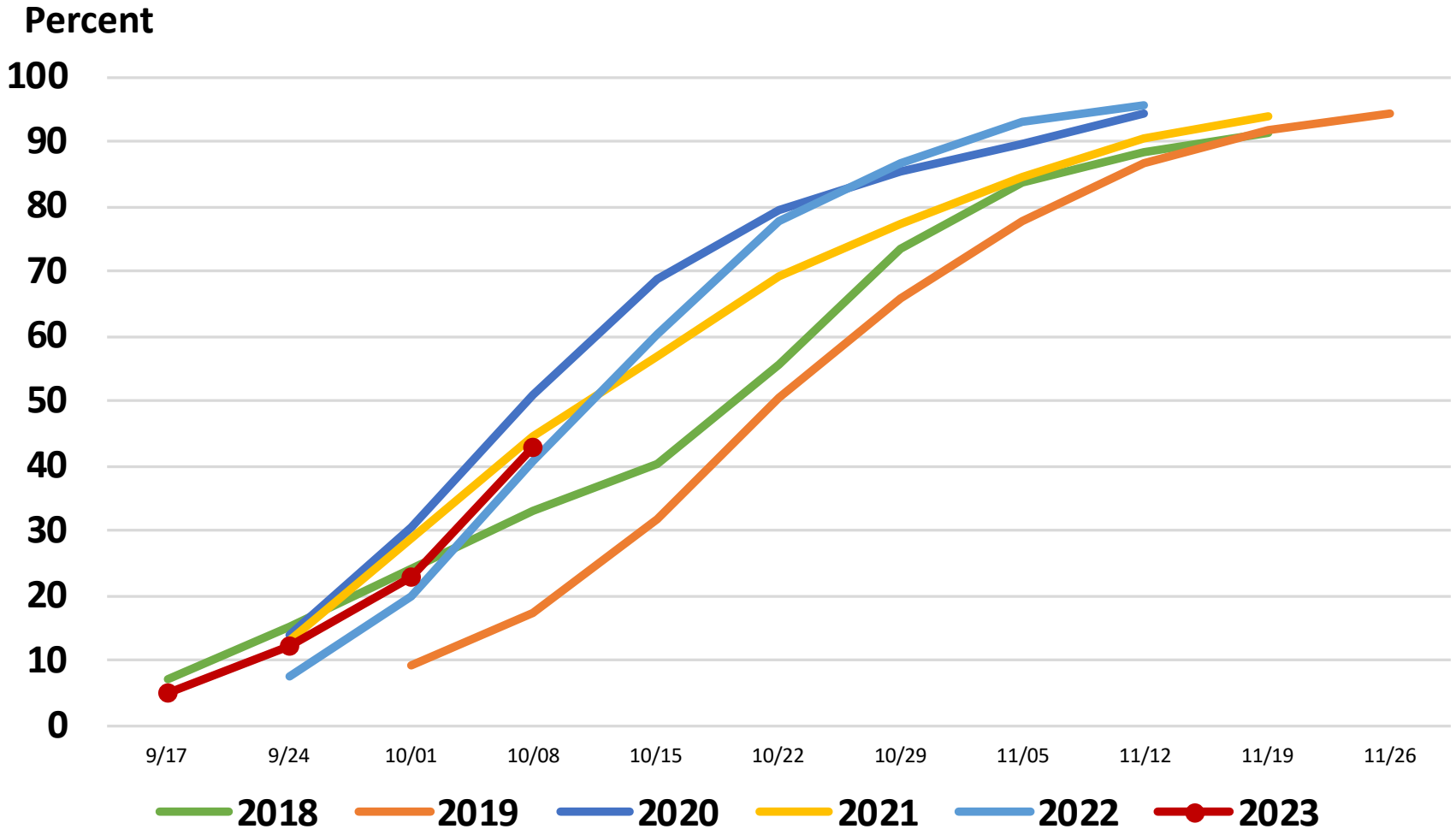
Industry Expectations vs NASS





United States Soybean Progress

Percent Harvested





October 2023 Soybeans

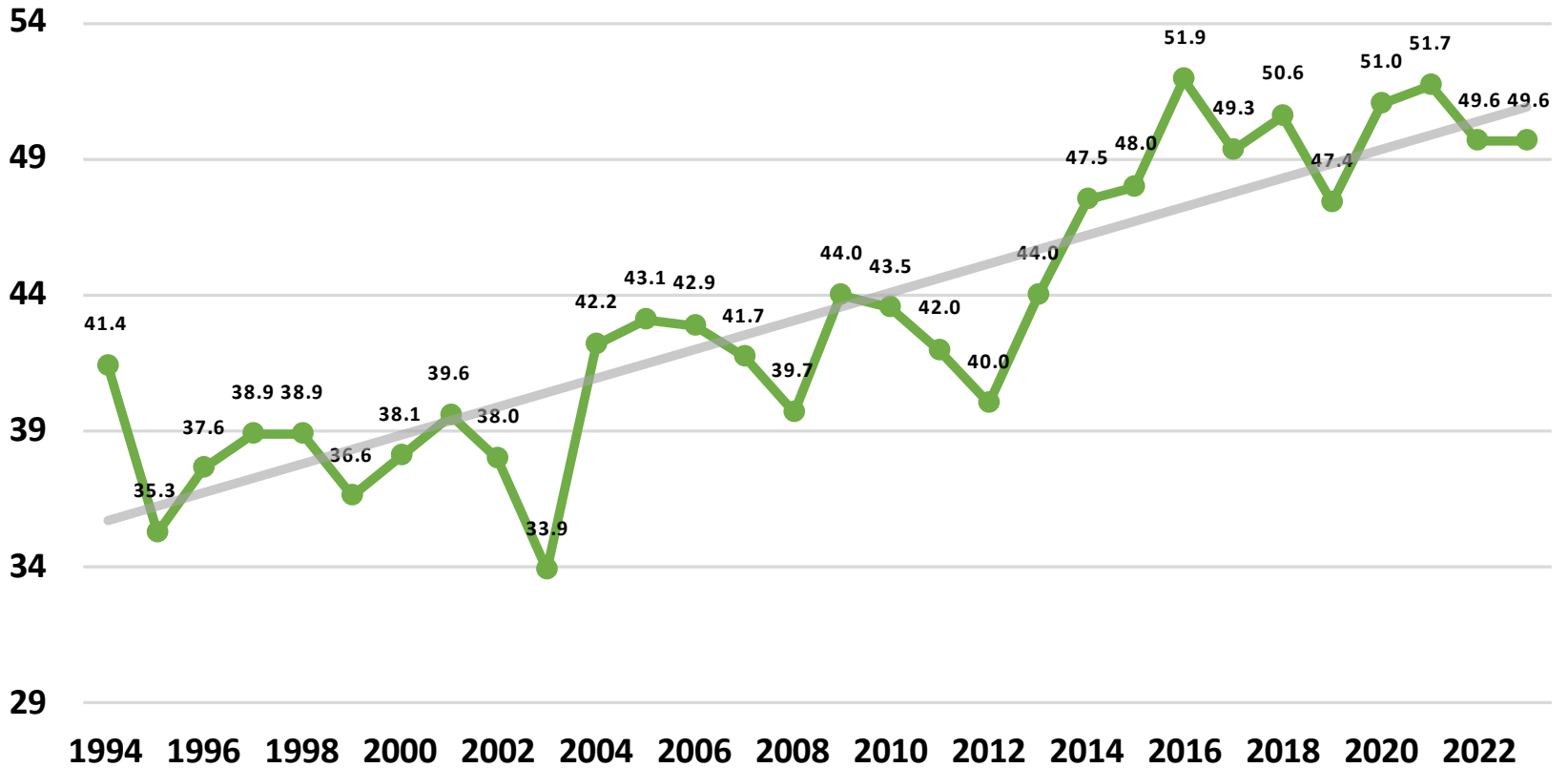
Acreage, Yield, and Production

	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	83,600	82,791	49.6	4,104,379
% Change from Previous Estimate	NC	NC	↓ 1.0	↓ 1.0
% Change from Previous Season	↓ 4.4	↓ 3.9	NC	↓ 3.9

	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
Illinois	10,350	↓ 4.2	10,300	↓ 4.2	61	↓ 3.2	628,300	↓ 7.2
Iowa	9,950	↓ 1.5	9,870	↓ 1.6	58	↓ 0.9	572,460	↓ 2.4
Minnesota	7,350	↓ 1.3	7,280	↓ 1.5	48	↓ 4.0	349,440	↓ 5.4
Indiana	5,500	↓ 6.0	5,480	↓ 6.0	61	↑ 6.1	334,280	↓ 0.3
Nebraska	5,250	↓ 8.7	5,200	↓ 8.0	54	↑ 10.2	280,800	↑ 1.4

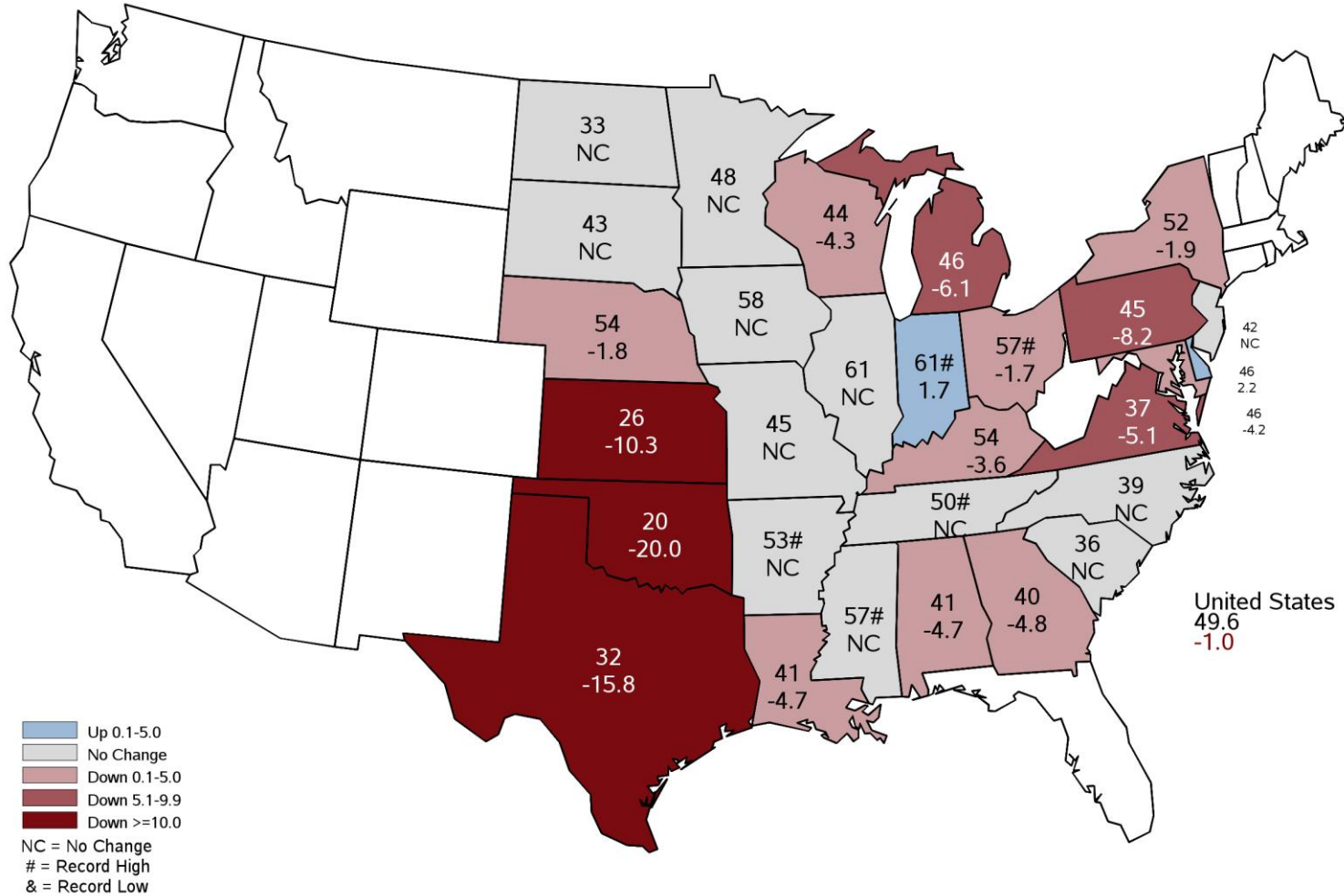
Soybean Yield United States

Bushels per Acre



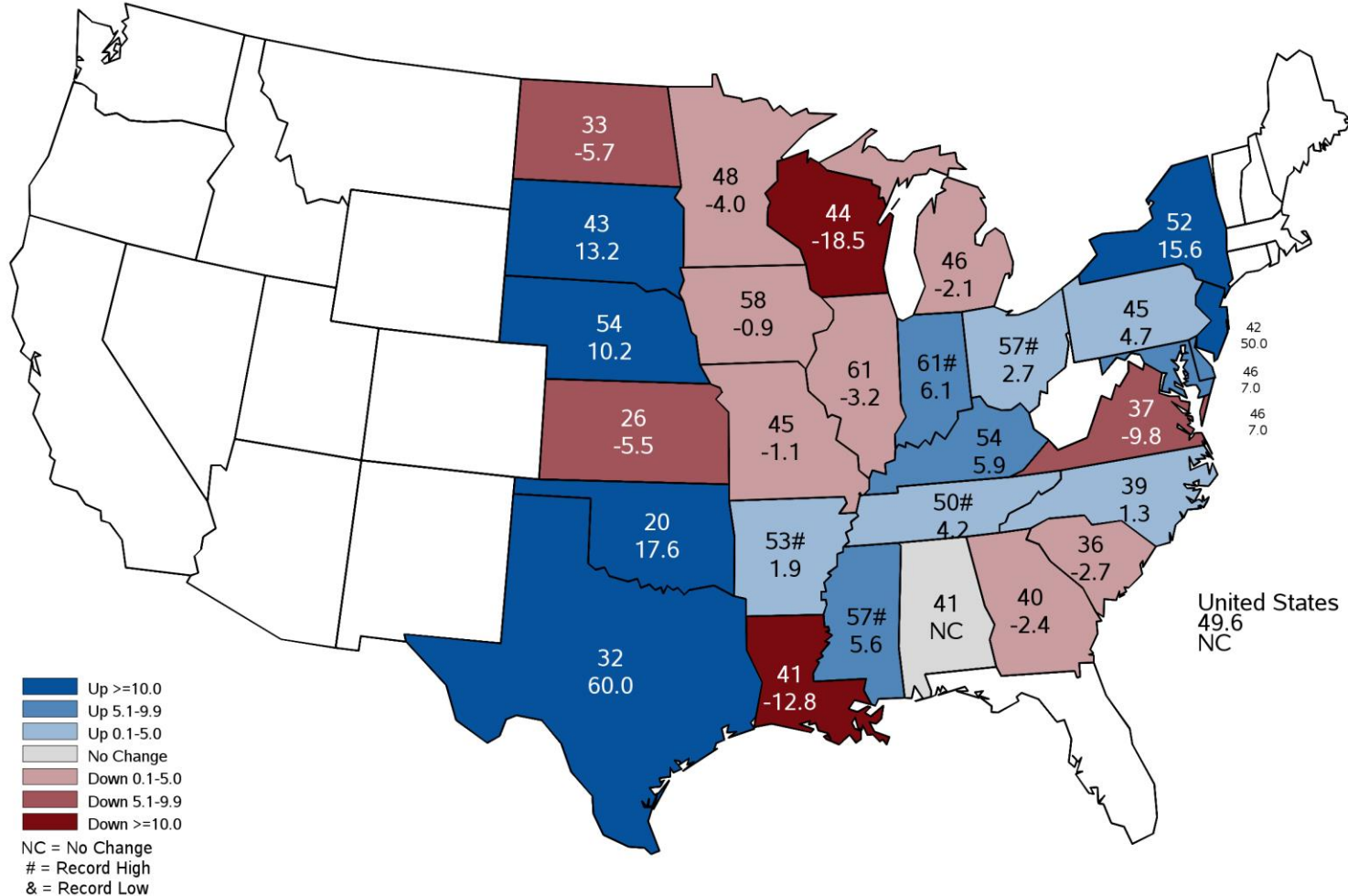
October 2023 Soybean Yield

Bushels and Percent Change from Previous Month



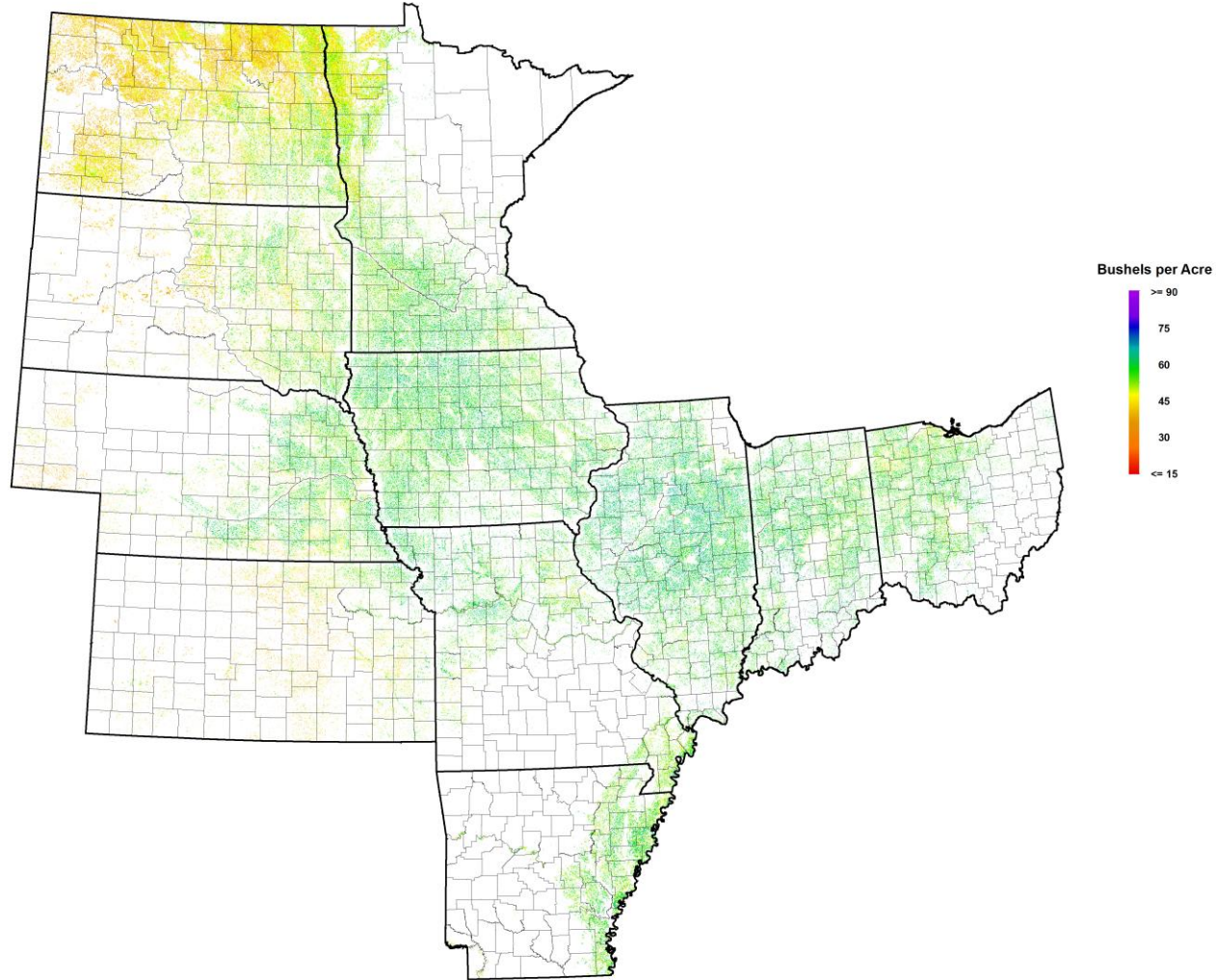
October 2023 Soybean Yield

Bushels and Percent Change from Previous Year



October 2023 Soybeans

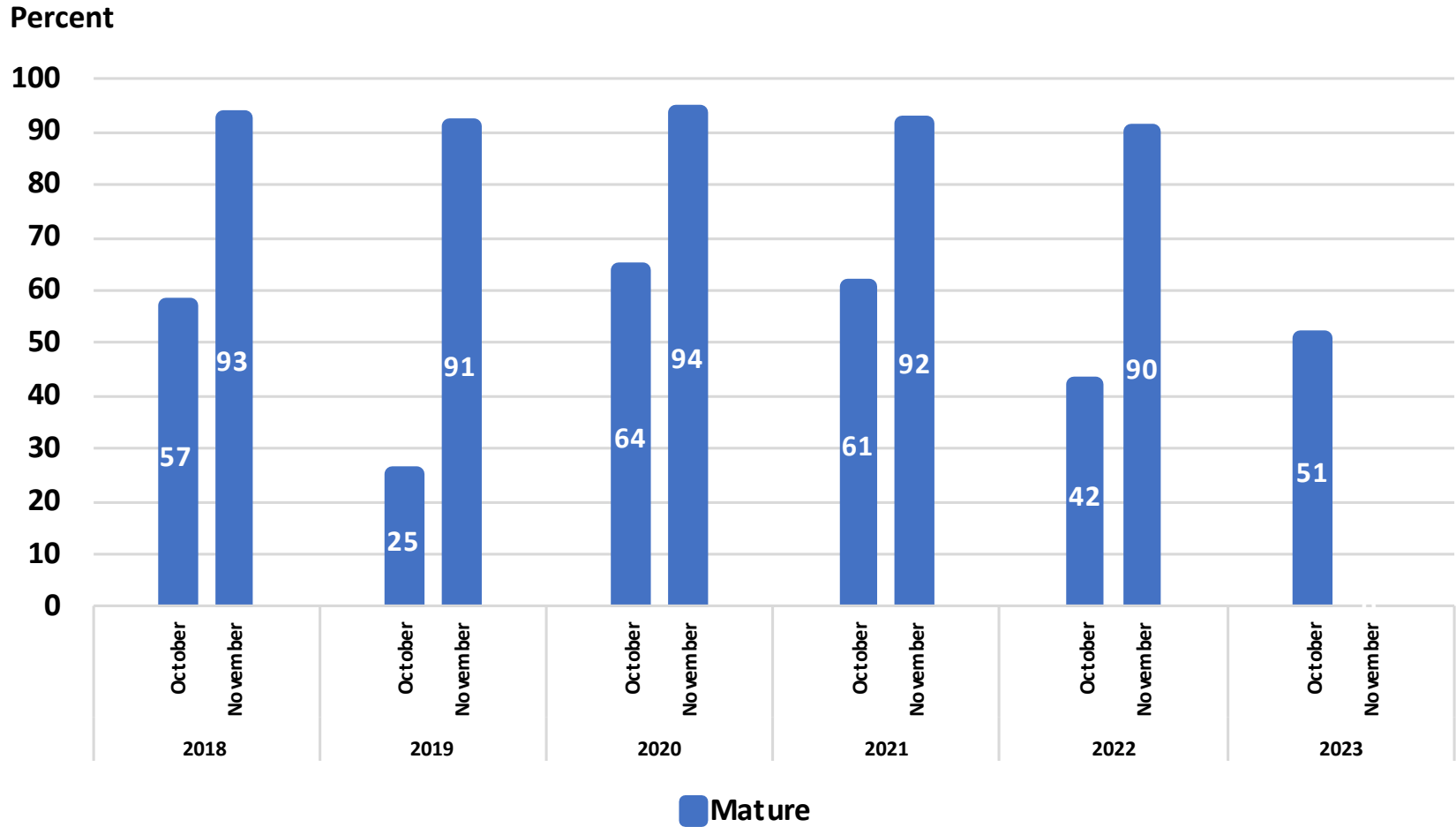
NASA Terra MODIS Modeled Yield





October 2023 Soybean Objective Yield

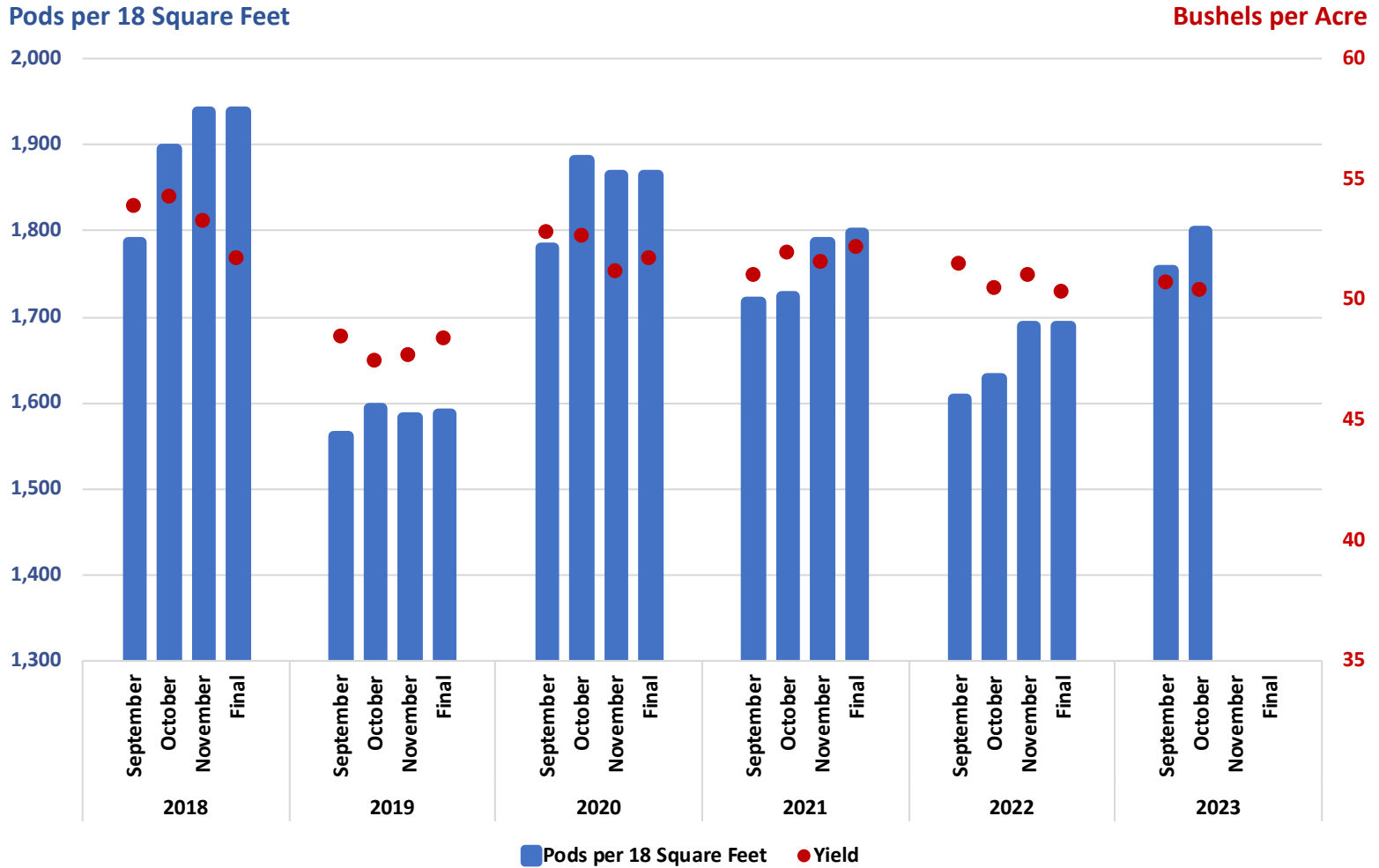
Percent of Samples Processed in the Lab





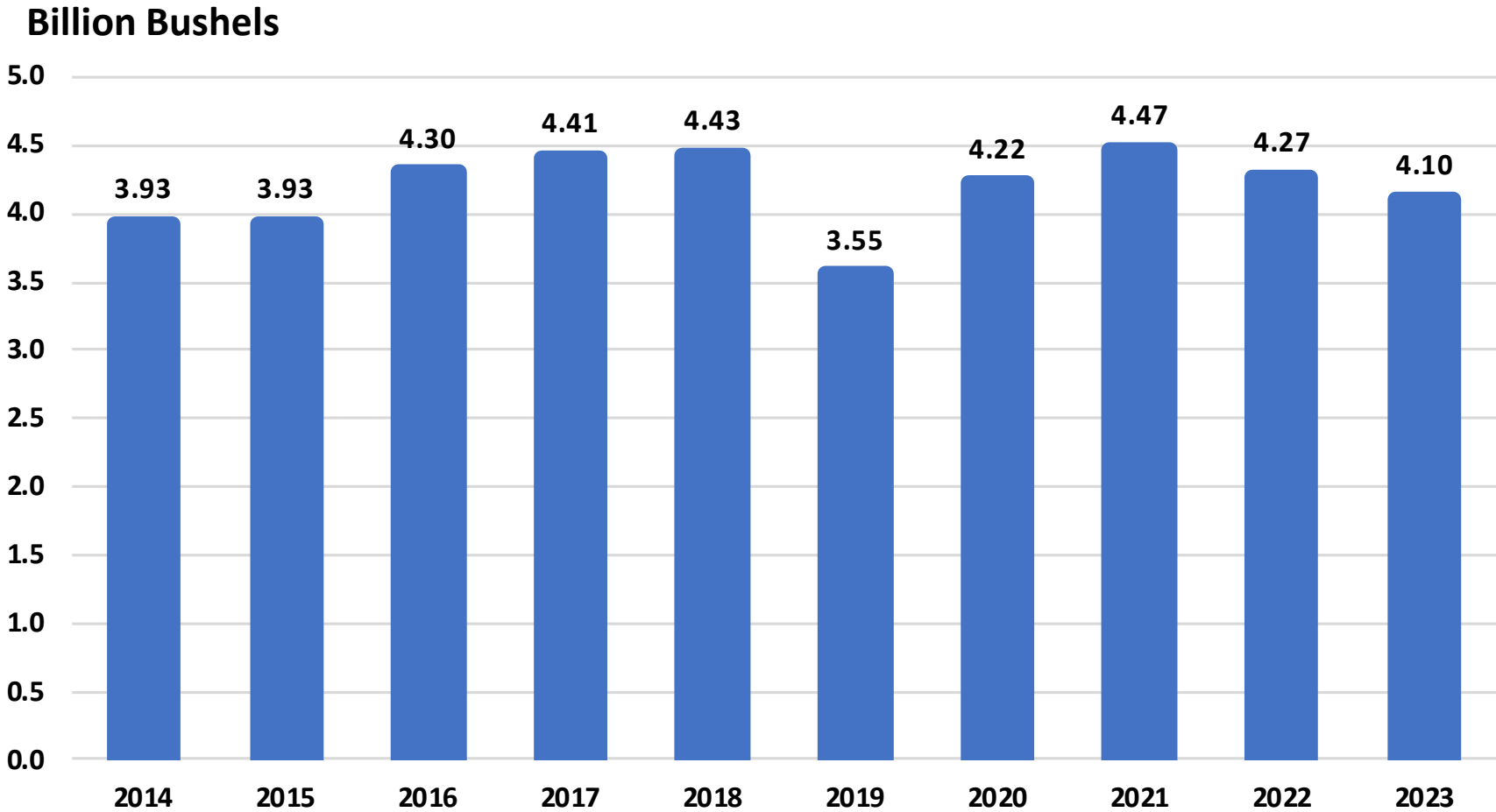
October 2023 Soybean Objective Yield

Pods per 18 Square Feet and Yield for 11 State Region



Soybean Production

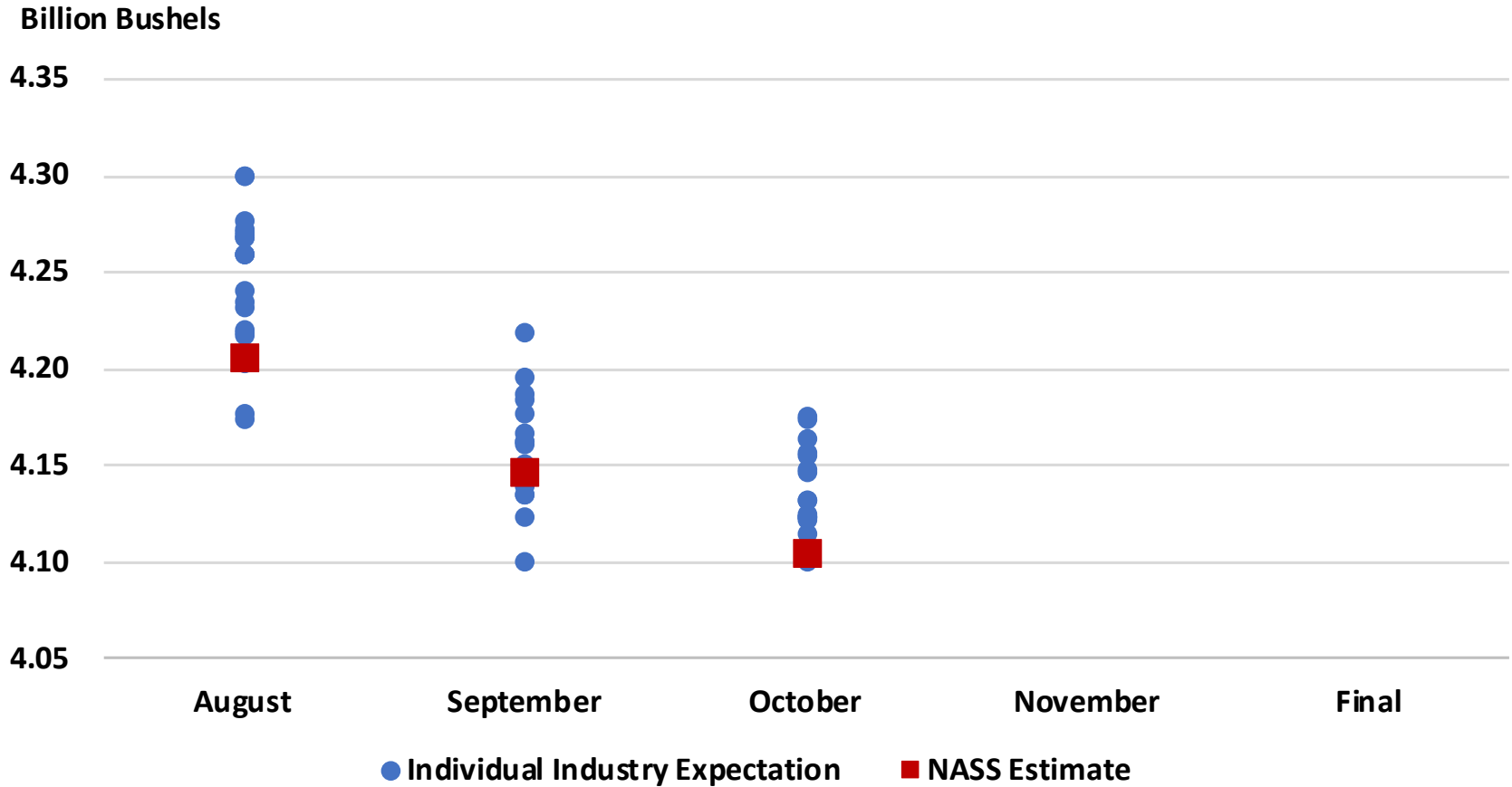
United States





2023 U.S. Soybean Production

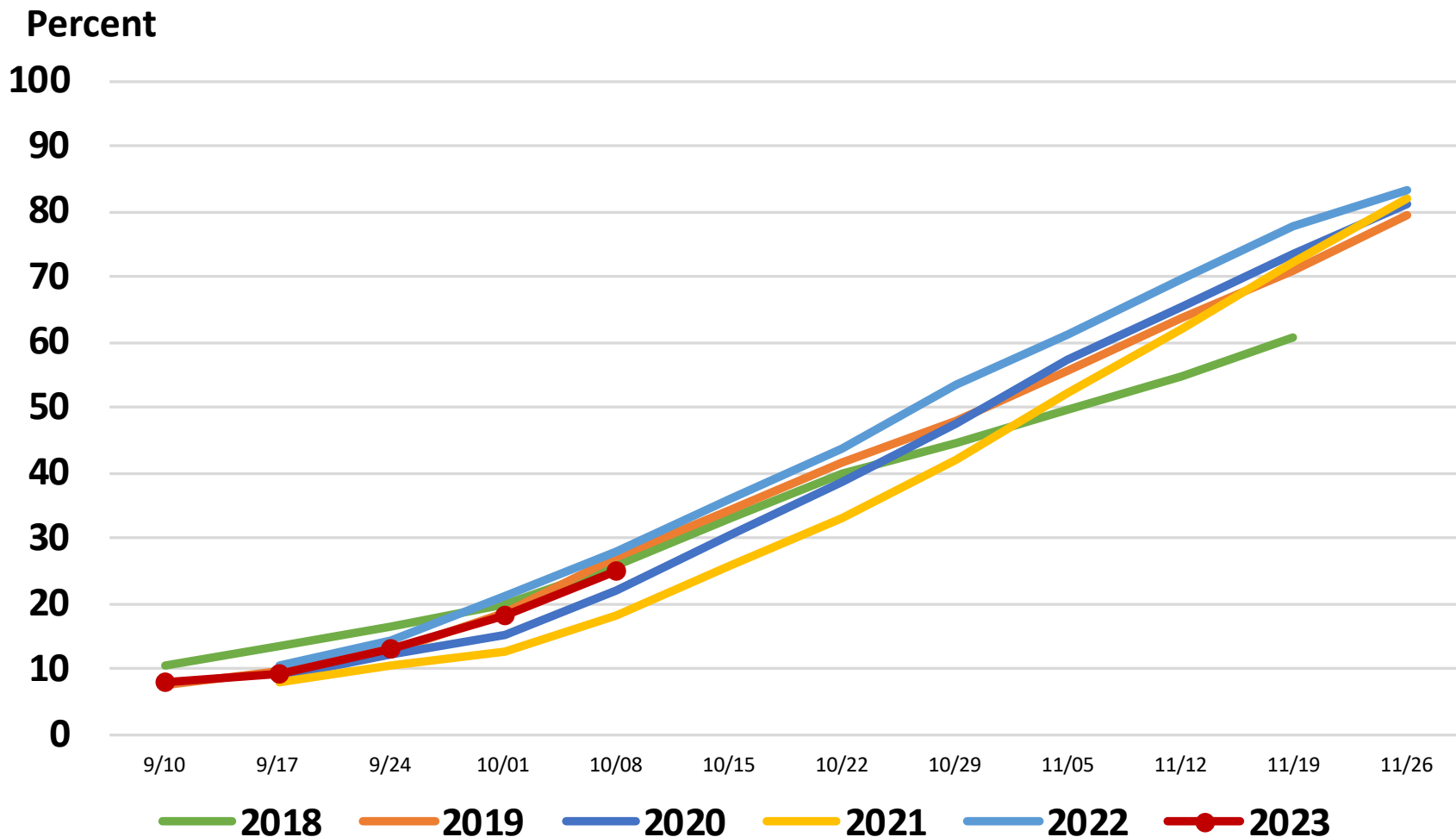
Industry Expectations vs NASS





United States Cotton Progress

Percent Harvested





October 2023 Cotton

Acreage, Yield, and Production

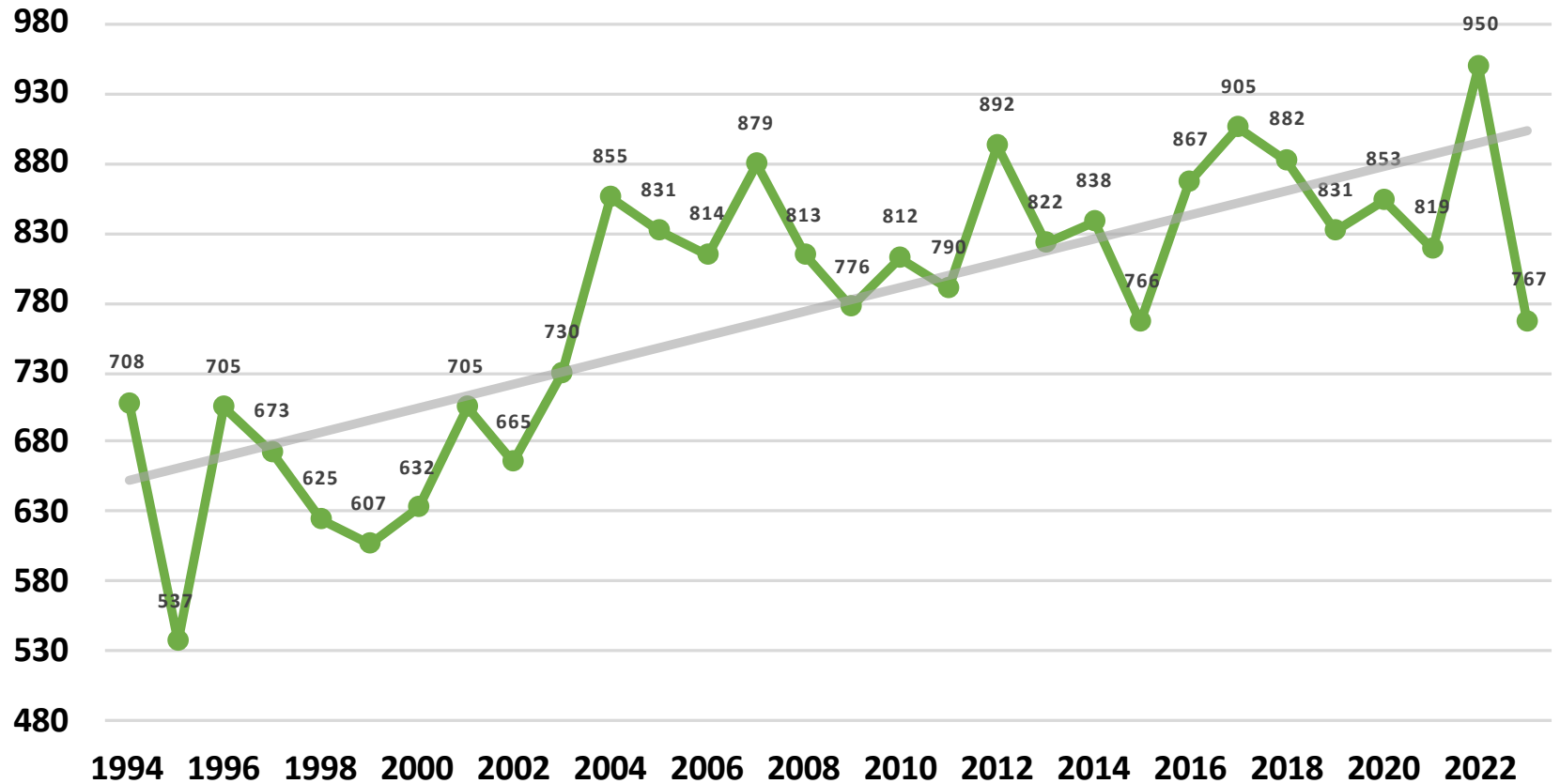
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Pounds/Acre)	Production (1,000 Bales)
United States	10,233	8,021	767	12,817
% Change from Previous Estimate	NC	NC	↓ 2.4	↓ 2.4
% Change from Previous Season	↓ 25.6	↑ 9.8	↓ 19.3	↓ 11.4

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	5,579	↓ 29.2	3,575	↑ 76.2	515.0	↓ 29.8	3,839	↑ 23.7	
Georgia	1,110	↓ 14.0	1,100	↓ 13.4	1,004.0	↑ 0.2	2,300	↓ 13.2	
Arkansas	510	↓ 20.3	505	↓ 19.8	1,188.0	↑ 0.8	1,250	↓ 19.3	
Mississippi	400	↓ 24.5	395	↓ 24.8	1,082.0	↓ 0.2	890	↓ 25.0	
North Carolina	380	↓ 19.1	370	↓ 19.6	908.0	↓ 13.4	700	↓ 30.3	

Cotton Yield

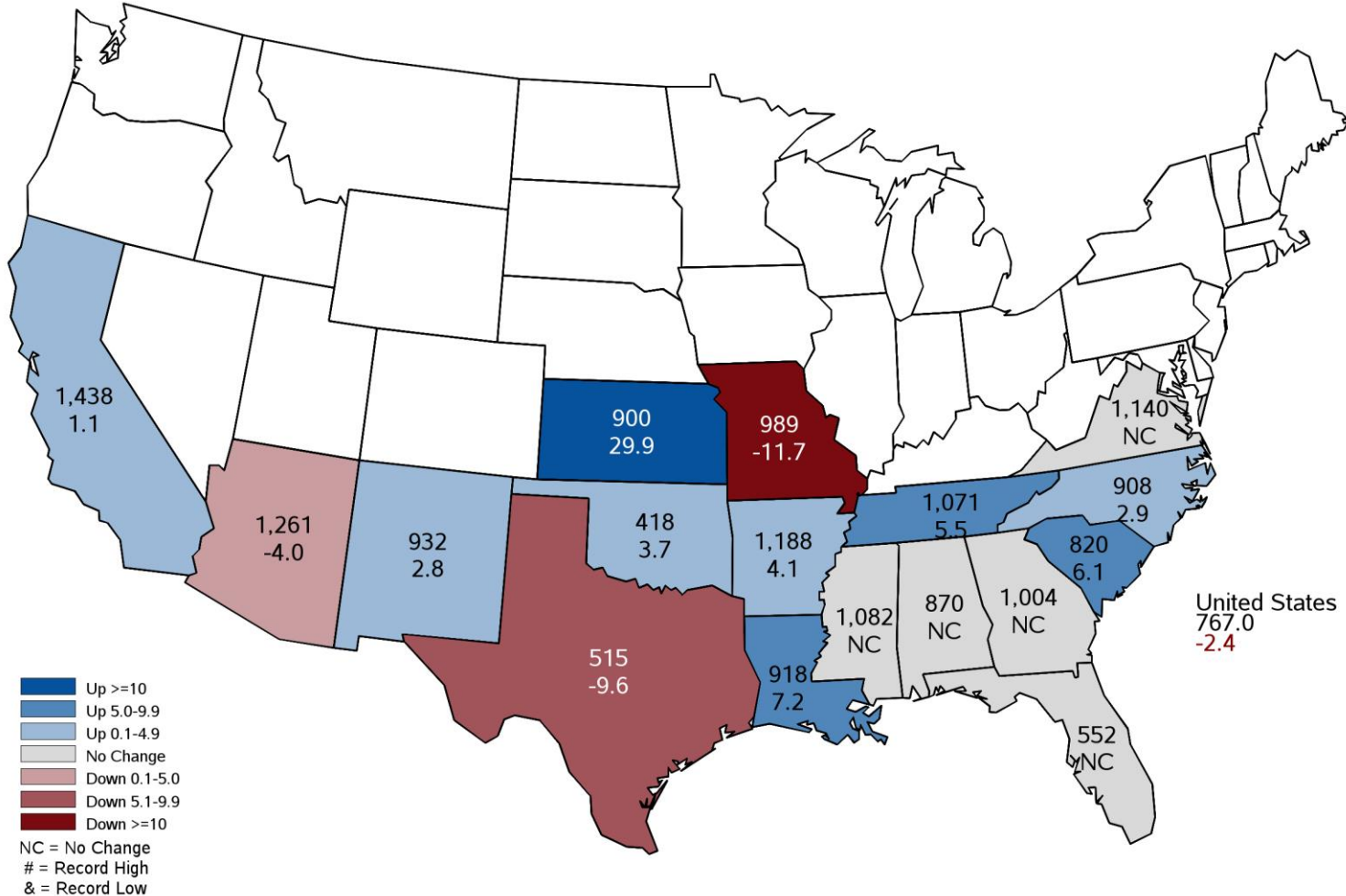
United States

Pounds per Acre



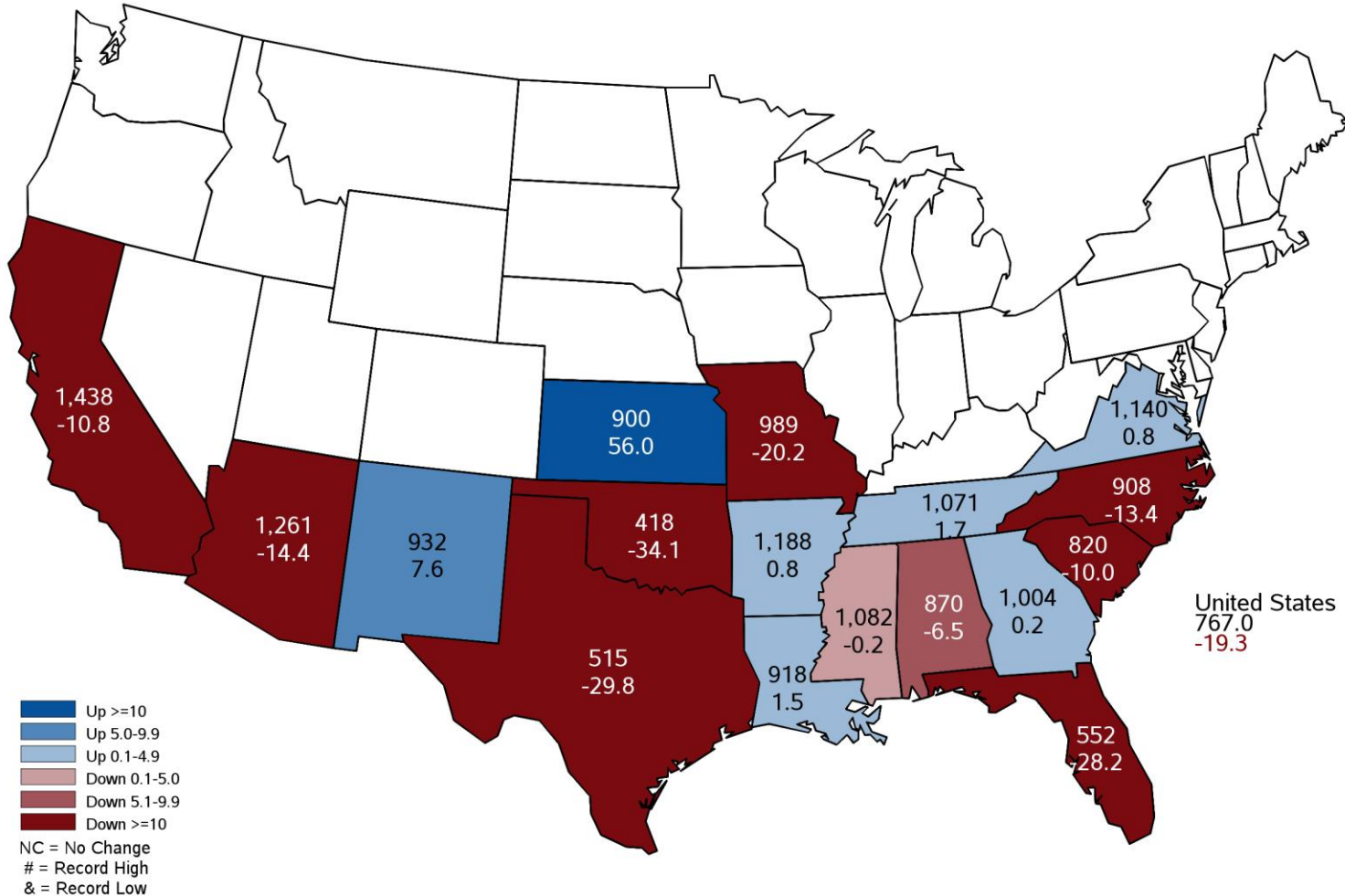
October 2023 Cotton Yield

Pounds and Percent Change from Previous Month



October 2023 Cotton Yield

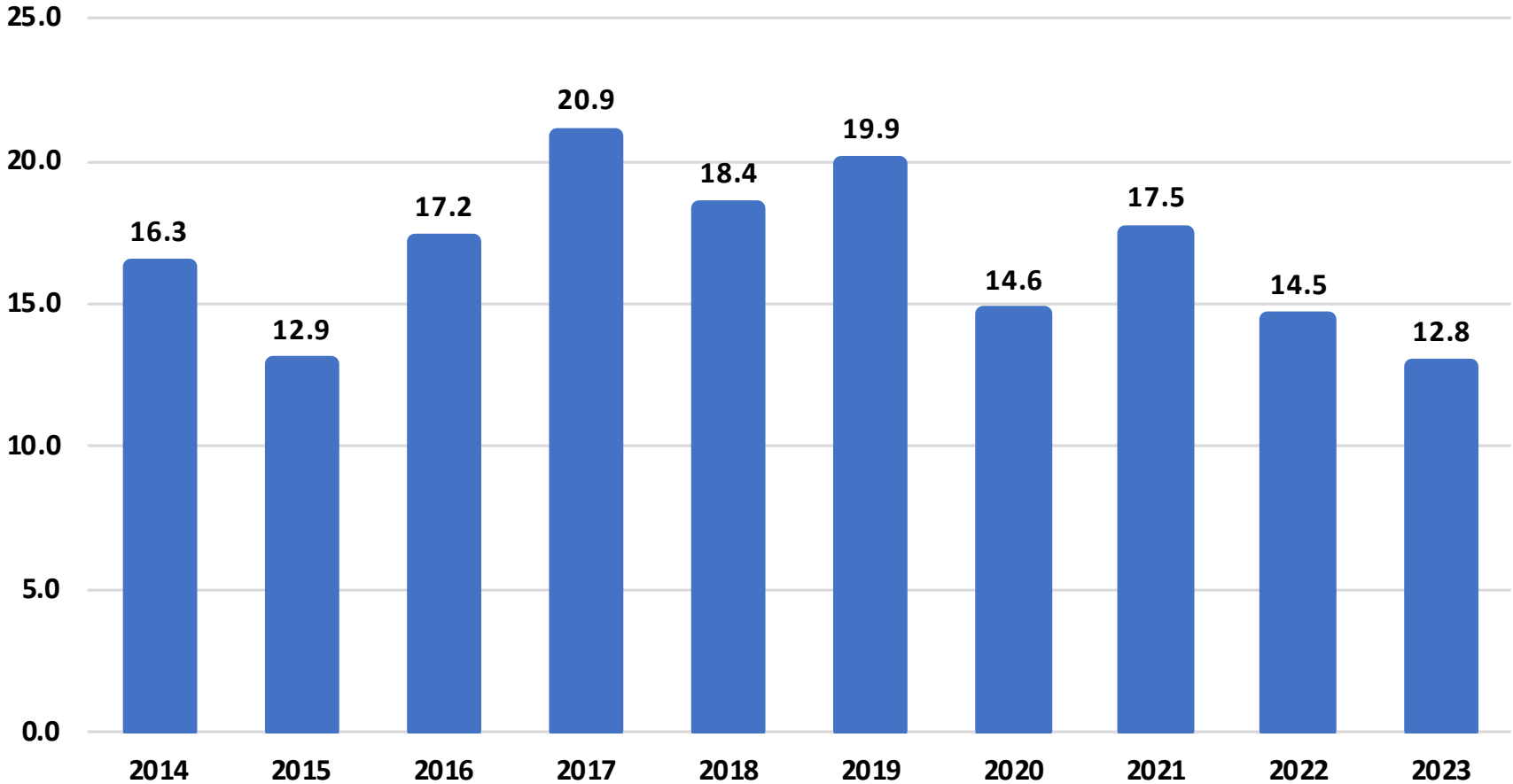
Pounds and Percent Change from Previous Year



Cotton Production

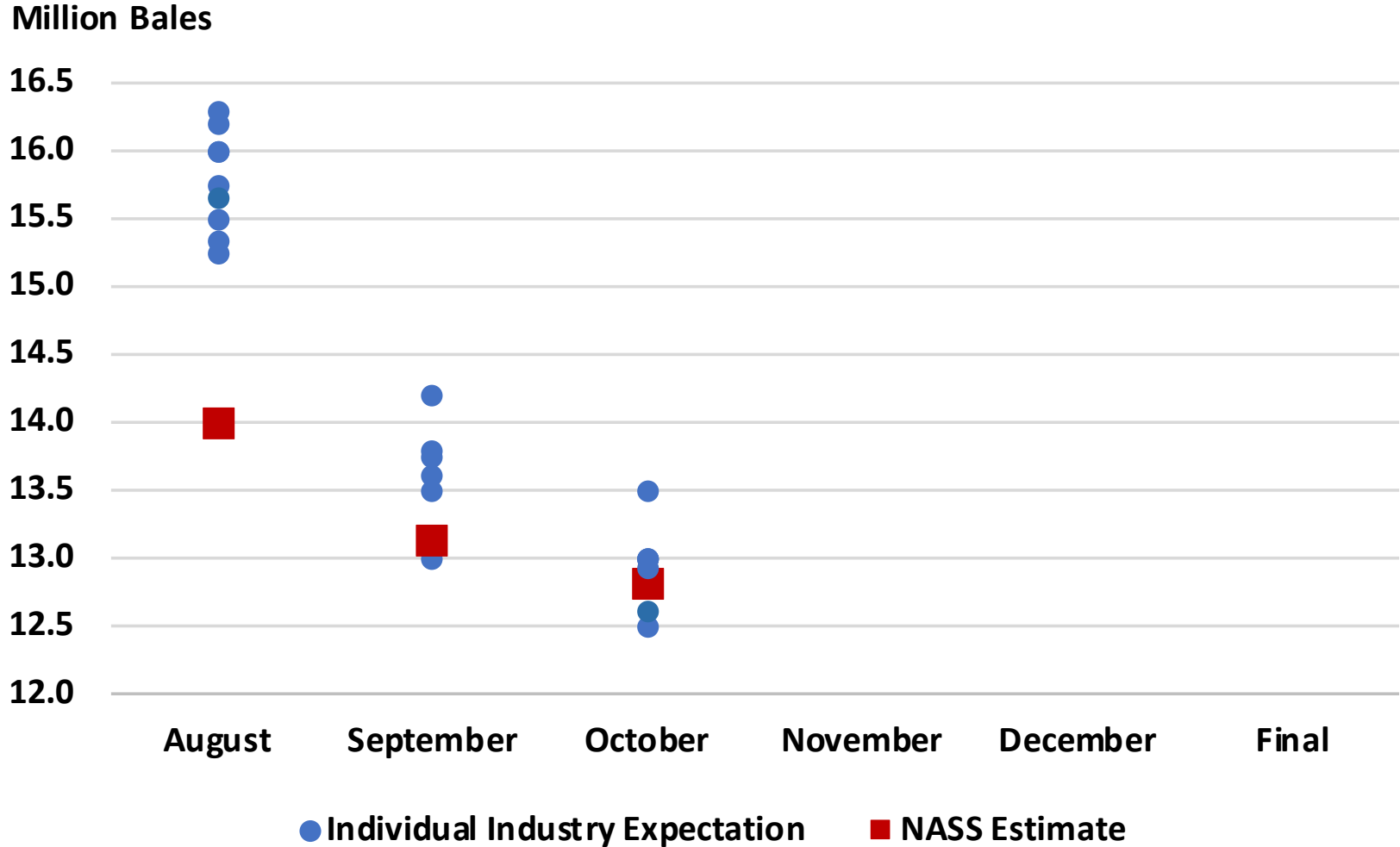
United States

Million Bales



2023 U.S. Cotton Production

Industry Expectations vs NASS





October 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
Canola	2,351	2,302	1,741	Lb	4,007,550	Lb
% Change from Previous Estimate	↑ 3.0	↑ 2.5	N/A		N/A	
% Change from Previous Season	↑ 6.2	↑ 6.2	↓ 1.2		↑ 4.9	
Dry Edible Beans	1,184	1,143	1,962	Lb	22,425	Cwt
% Change from Previous Estimate	↓ 4.3	↓ 4.4	↑ 3.3		↓ 1.2	
% Change from Previous Season	↓ 5.3	↓ 6.6	↓ 7.1		↓ 13.2	
Alfalfa Hay	N/A	15,658	3.37	Ton	52,735	Ton
% Change from Previous Estimate	N/A	NC	↑ 7.7		↑ 7.8	
% Change from Previous Season	N/A	↑ 5.0	↑ 4.7		↑ 10.0	
Other Hay	N/A	36,318	1.93	Ton	70,093	Ton
% Change from Previous Estimate	N/A	NC	↑ 0.5		↑ 0.3	
% Change from Previous Season	N/A	↑ 4.9	↑ 3.2		↑ 8.1	
Peanuts	1,650	1,600	3,905	Lb	6,247,460	Lb
% Change from Previous Estimate	NC	NC	↓ 1.2		↓ 1.2	
% Change from Previous Season	↑ 13.8	↑ 15.7	↓ 2.6		↑ 12.7	



October 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
Rice	2,897	2,850	7,737	Lb	220,508	Cwt
% Change from Previous Estimate	NC	NC	↓ 0.2		↓ 0.2	
% Change from Previous Season	↑ 30.4	↑ 31.2	↑ 4.8		↑ 37.5	
Sorghum	7,180	6,260	57.4	Bu	359,575	Bu
% Change from Previous Estimate	NC	NC	↓ 5.7		↓ 5.7	
% Change from Previous Season	↑ 13.5	↑ 37.0	↑ 39.7		↑ 91.5	
Sugarbeets	1,132	1,119	31.1	Ton	34,739	Ton
% Change from Previous Estimate	NC	NC	↓ 1.3		↓ 1.5	
% Change from Previous Season	↓ 2.3	↓ 1.6	↑ 8.7		↑ 6.6	
Sugarcane	N/A	928	35.2	Ton	32,691	Ton
% Change from Previous Estimate	N/A	↑ 0.1	↑ 0.9		↑ 0.9	
% Change from Previous Season	N/A	↓ 0.2	↓ 5.6		↓ 5.7	
Sunflower	1,322	1,262	1,738	Lb	2,194,450	Lb
% Change from Previous Estimate	↓ 1.9	↓ 2.0	N/A		N/A	
% Change from Previous Season	↓ 21.9	↓ 21.4	↓ 0.7		↓ 21.9	



October 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
Tobacco	N/A	191	2,253	Lb	429,445	Lb
% Change from Previous Estimate	N/A	↓ 0.6	↑ 4.6		↑ 4.1	
% Change from Previous Season	N/A	↓ 5.5	↑ 1.6		↓ 4.0	

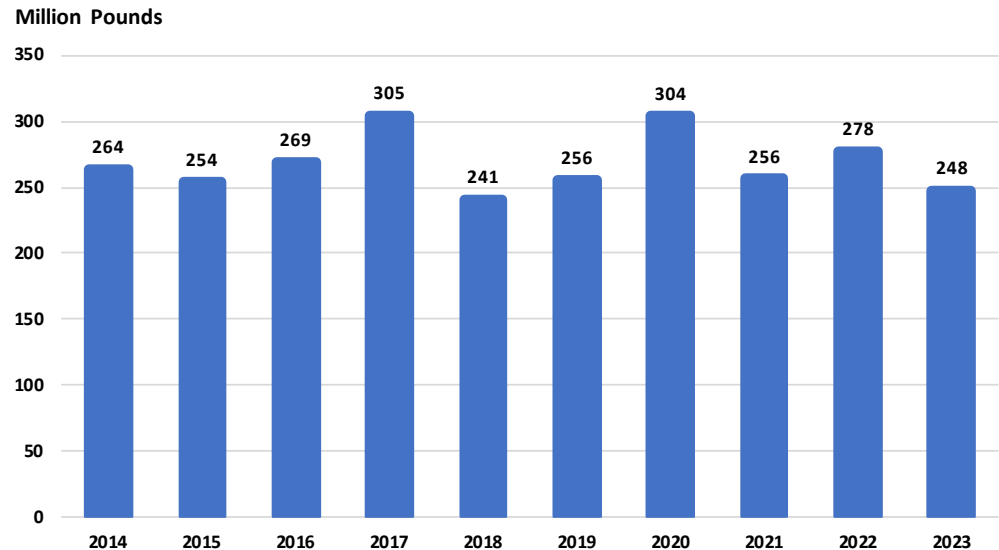


October 2023 Noncitrus Fruits and Nuts Production



	Production (1,000 Units)	Unit
Pecans	248,000	Lb
% Change from Previous Estimate	N/A	
% Change from Previous Season	↓ 10.7	

**Pecan Production
United States**



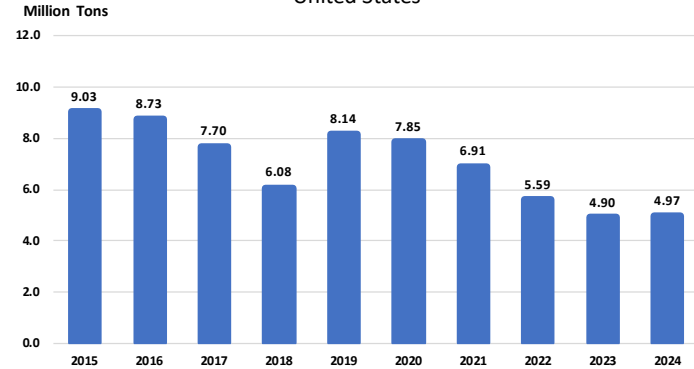
October 2023 Citrus Utilized Production

Production

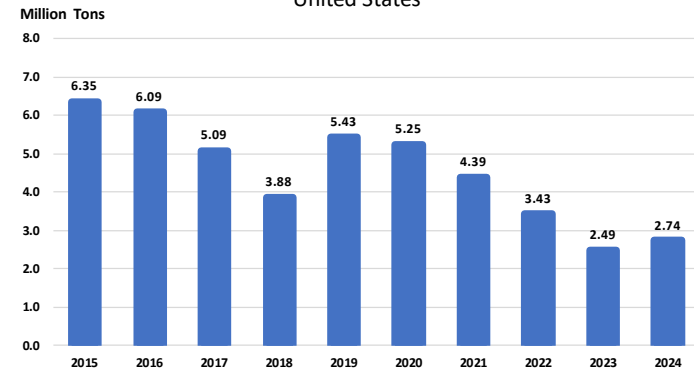
(1,000 Tons)

All Oranges	2,737
% Change from Previous Estimate	N/A
% Change from Previous Season	↑ 10.1
Non-Valencia Oranges	1,837
% Change from Previous Estimate	N/A
% Change from Previous Season	↑ 4.3
Valencia Oranges	900
% Change from Previous Estimate	N/A
% Change from Previous Season	↑ 24.0
Grapefruit	309
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 5.5
Lemons	980
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 12.2
Tangerines	944
% Change from Previous Estimate	N/A
% Change from Previous Season	↓ 2.8

All Citrus Production
United States



All Orange Production
United States





Selected Upcoming Reports



October 20	Cattle on Feed Cotton Ginnings
October 25	Rice Stocks
October 31	Agricultural Prices
November 1	Cotton System Fats & Oils Flour Milling Grain Crushings
November 9	Cotton Ginnings Crop Production

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



Data Users' Meeting



2023 USDA Fall Virtual Data Users' Meeting

October 17-18

**Register at: nass.usda.gov/go/data_users
Free and open to the public**

USDA Fall Data Users' Meeting

October 17 & 18, 2023

12:00 – 3:00 p.m. ET

For more information and to register please go to

www.nass.usda.gov/go/data_users

STAT CHAT SERIES

Join @usda_nass on X using #StatChat to discuss the *Crop Production* report with NASS Crops Branch Chief Lance Honig.

THU, OCT. 12 @ 1PM ET

You can post questions in advance to @usda_nass.



#STATCHAT





All Reports Available At

www.nass.usda.gov

For Questions

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