



Small Grains Summary Grain Stocks

Agricultural Statistics Board Briefing

**Lance Honig, Chief
Crops Branch**



Special Note



The marketing year for corn and soybeans is finished and a thorough review of the balance sheet was completed. This process, which is normal for this time of the year, led to minor revisions in acreage, yield, and production for the 2022 crop.

Nationally, corn production for 2022 is revised down 15.0 million bushels and soybean production is revised down 5.93 million bushels from the previous estimate.



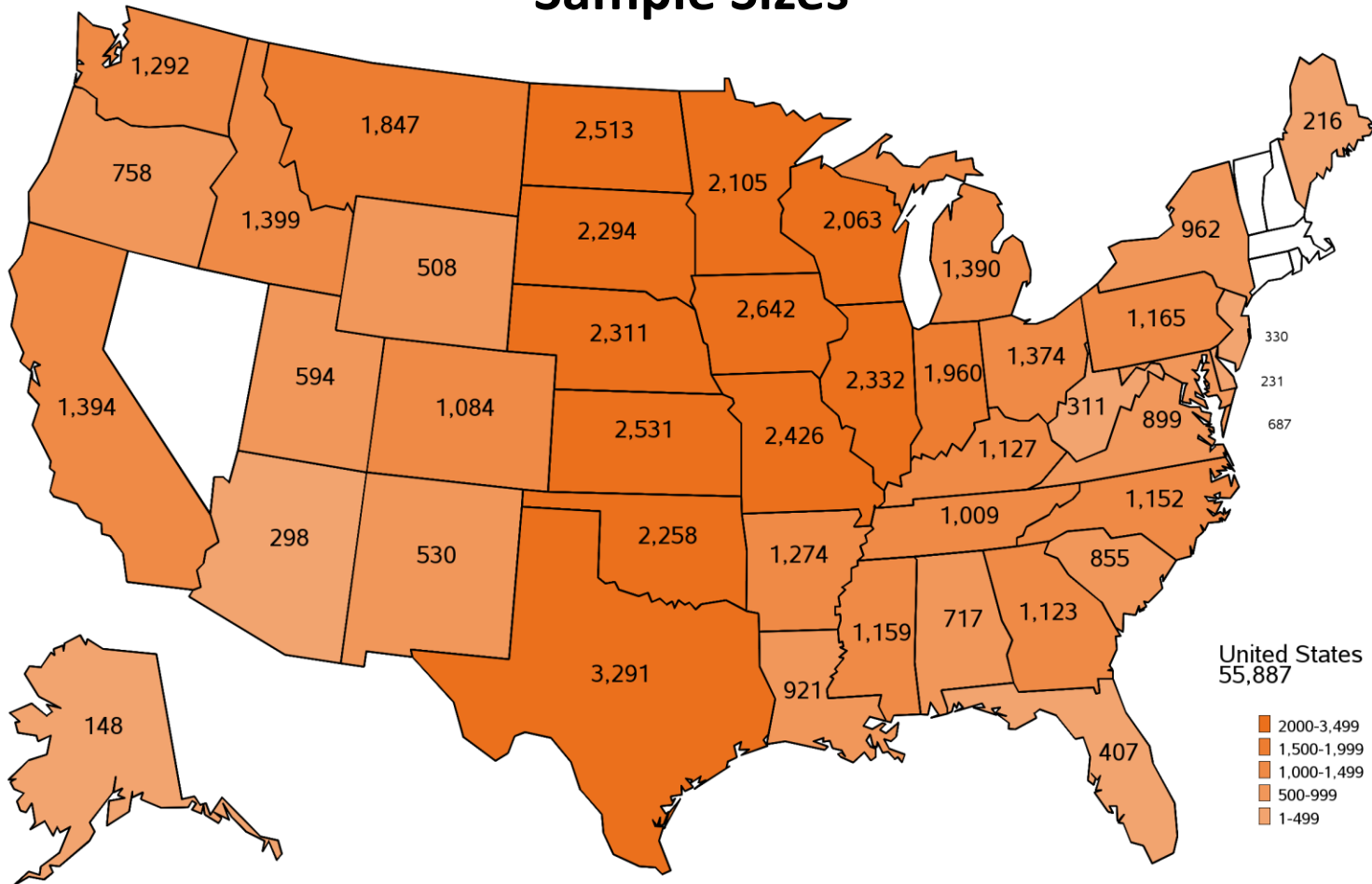
Data Sources



Operator Reported Surveys	September Ag Survey	Sample Size = 55,887	August 30 - September 14
	Off-Farm Grain Stocks	~8,100 Facilities	August 28 - September 18
Field Survey	Objective Yield Winter Wheat	Sample Size = 1,155	Prior to Harvest
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.		
FSA and RMA Failed Acres	Acres reported as "failed" to either the Farm Service Agency (FSA) or the Risk Management Agency (RMA) are considered minimum levels of abandonment.		

September 2023 Ag Survey

Sample Sizes





2023 Winter Wheat

Acres, Yield, and Production

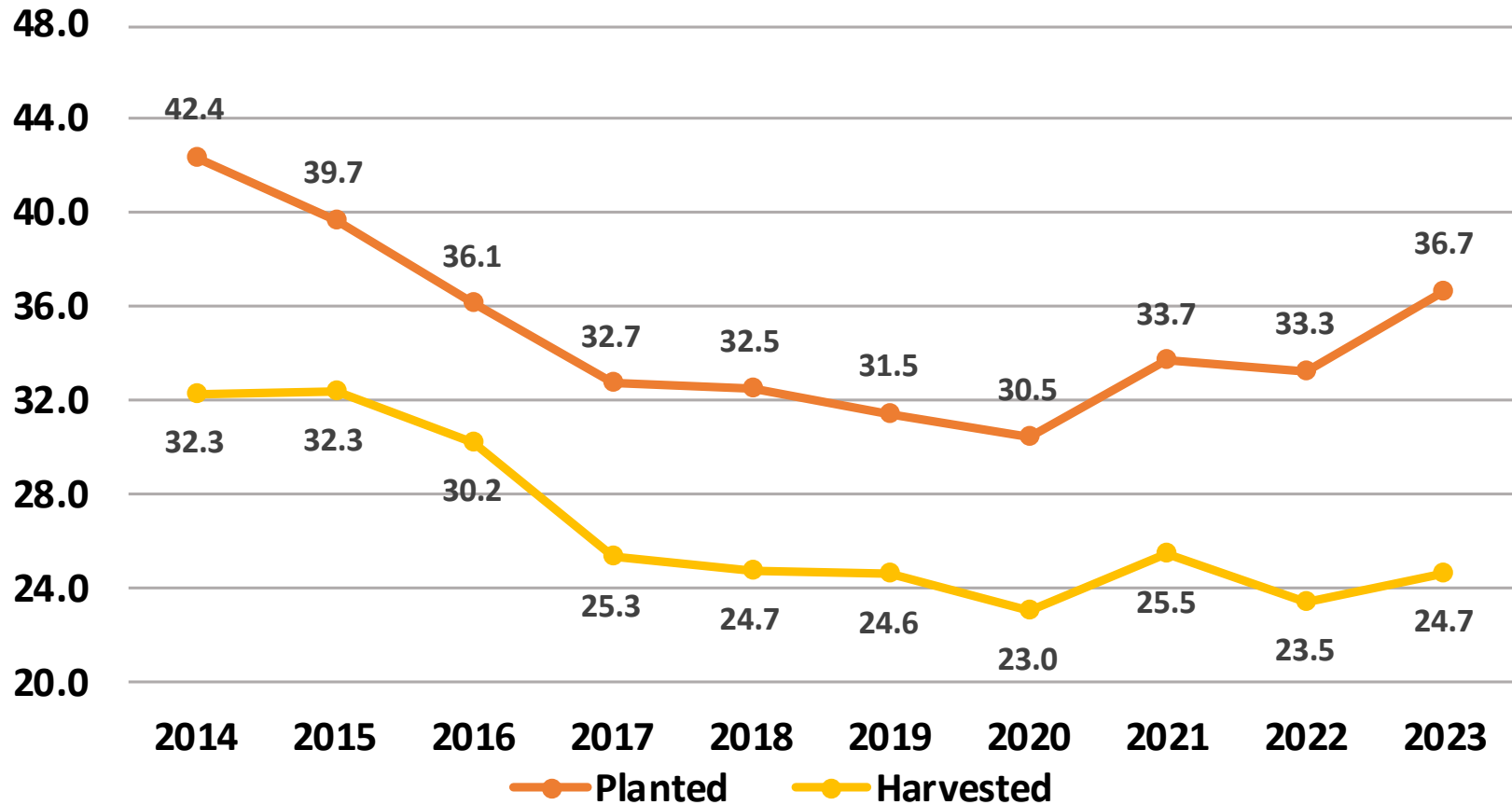
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	36,699	24,683	50.6	1,247,748
% Change from Previous Estimate	↓ 0.3	↓ 3.2	↑ 5.2	↑ 1.7
% Change from Previous Season	↑ 10.3	↑ 5.2	↑ 7.7	↑ 13.1

	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
Kansas	8,100	↑ 11.0	5,750	↓ 12.9	35.0	↓ 5.4	201,250	↓ 17.6
Washington	1,800	↓ 2.7	1,750	↓ 2.8	54.0	↓ 20.6	94,500	↓ 22.8
Montana	1,850	↓ 9.8	1,680	↓ 6.7	51.0	↑ 54.5	85,680	↑ 44.2
Texas	6,400	↑ 20.8	2,100	↑ 61.5	37.0	↑ 23.3	77,700	↑ 99.2
Colorado	2,300	↑ 17.9	1,820	↑ 27.3	41.0	↑ 64.0	74,620	↑ 108.7

Winter Wheat Acres

United States

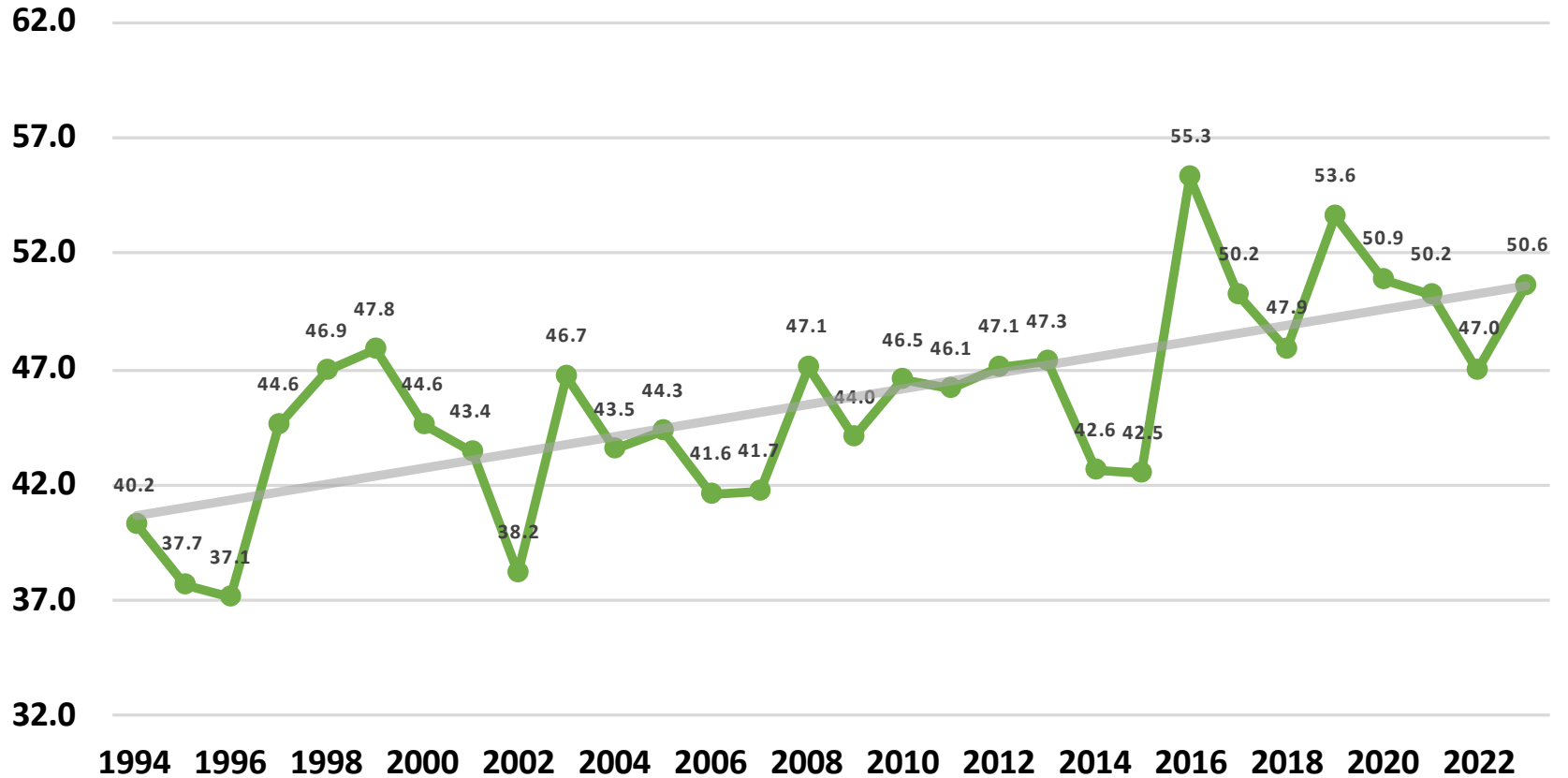
Million Acres



Winter Wheat Yield

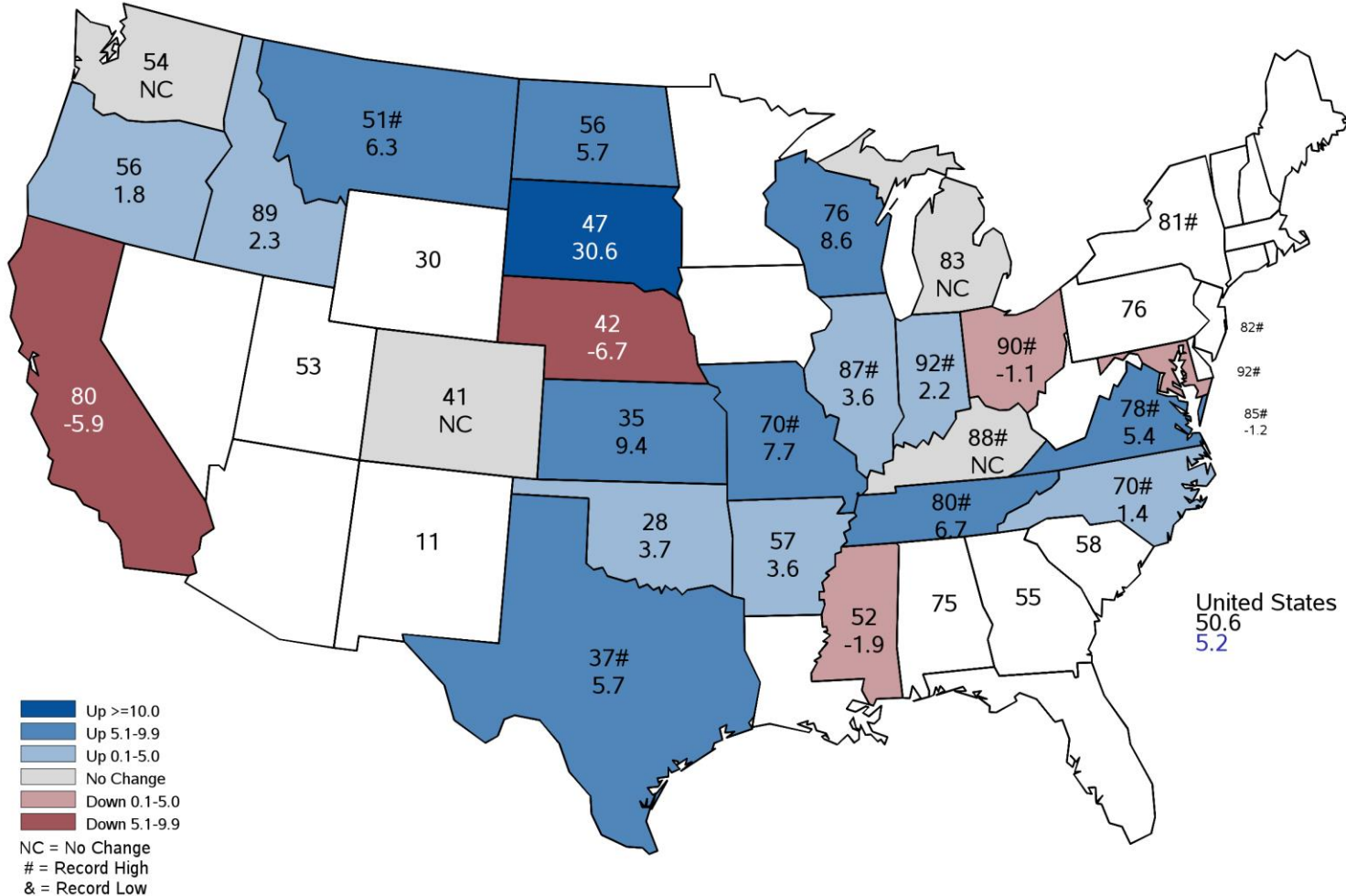
United States

Bushels per Acre



2023 Winter Wheat Yield

Bushels and Percent Change from Previous Estimate



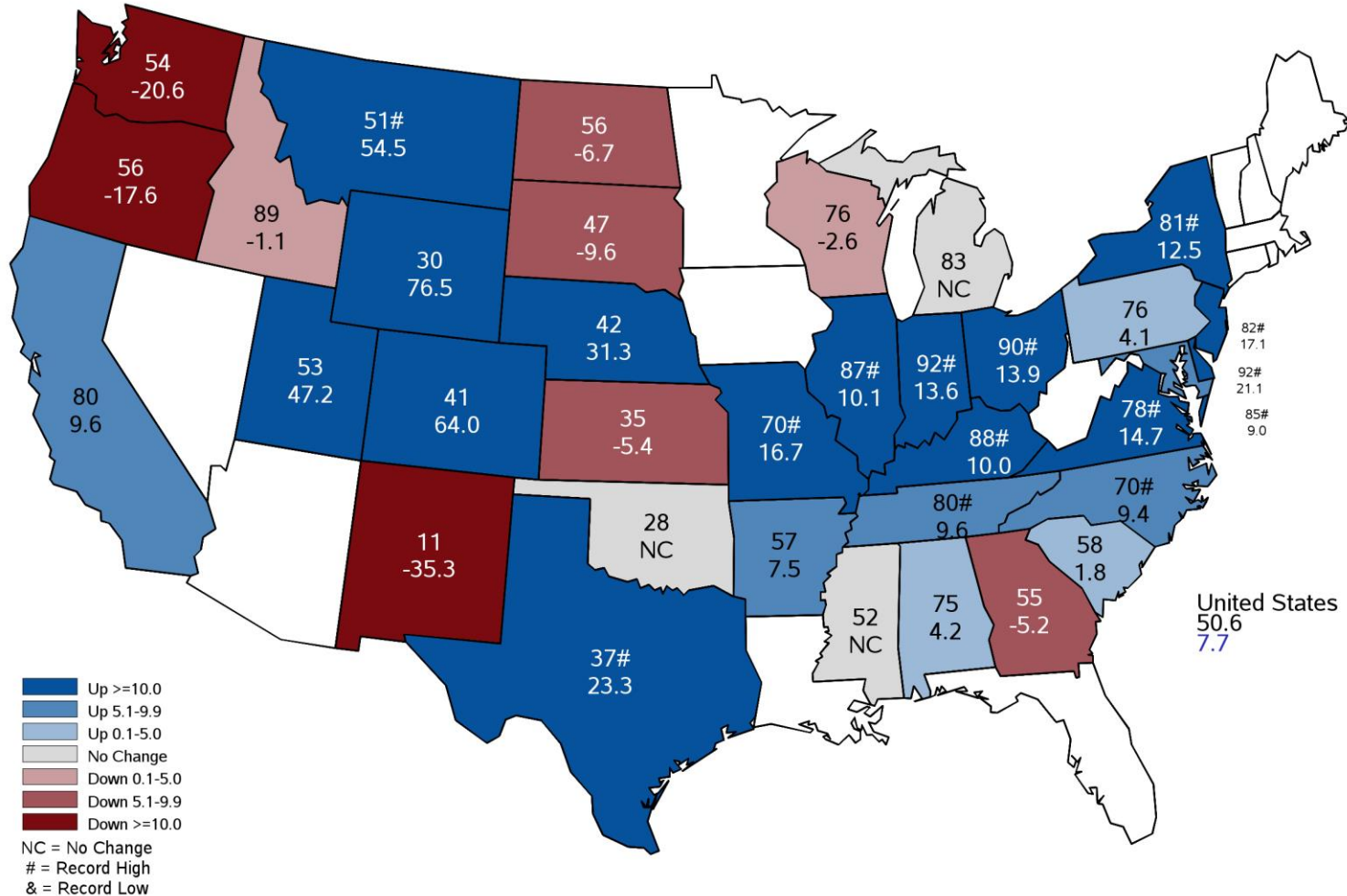
- Up >=10.0
- Up 5.1-9.9
- Up 0.1-5.0
- No Change
- Down 0.1-5.0
- Down 5.1-9.9

NC = No Change
 # = Record High
 & = Record Low

States with no change shown indicate no previous published estimate.

2023 Winter Wheat Yield

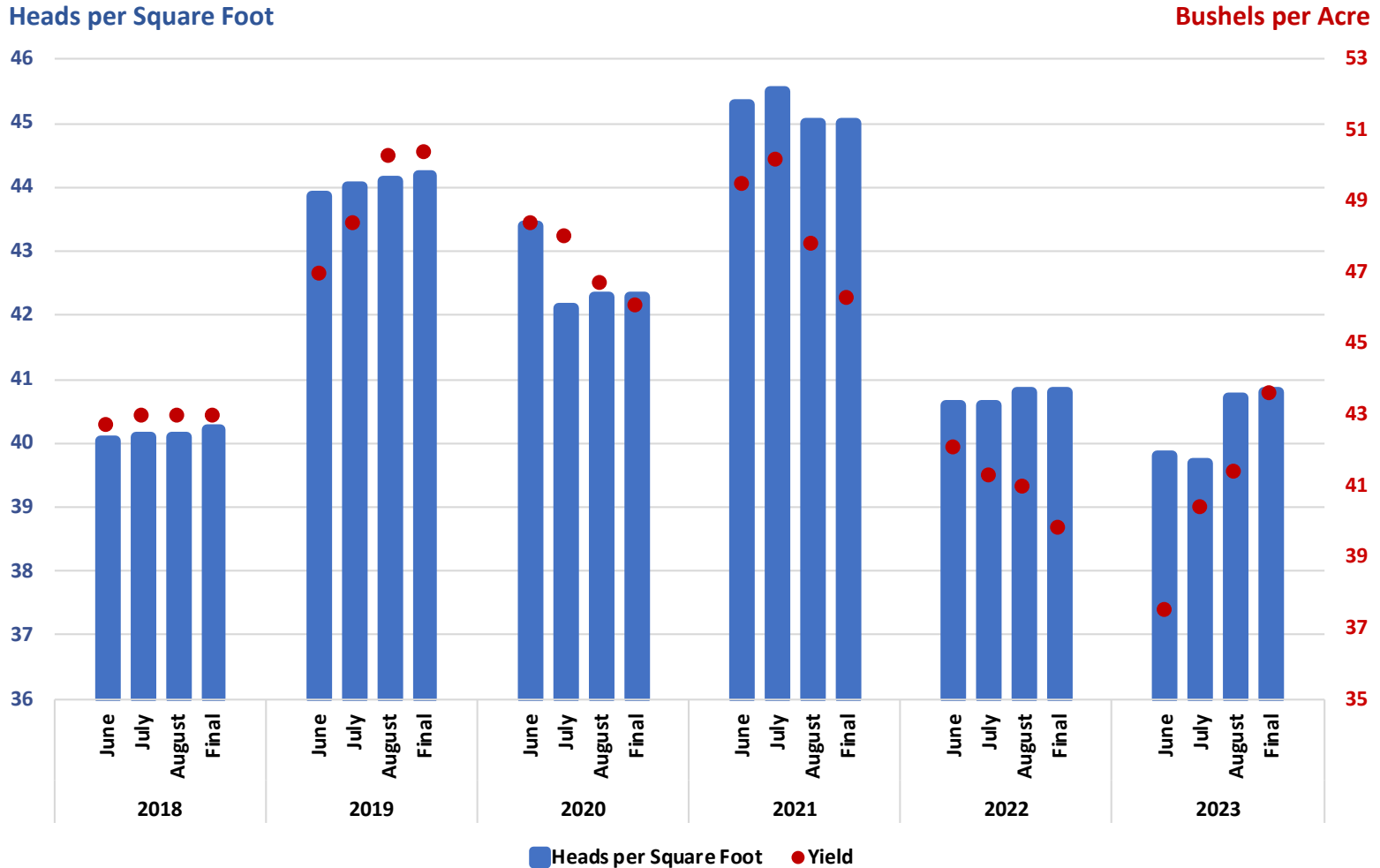
Bushels and Percent Change from Previous Year





2023 Winter Wheat Objective Yield

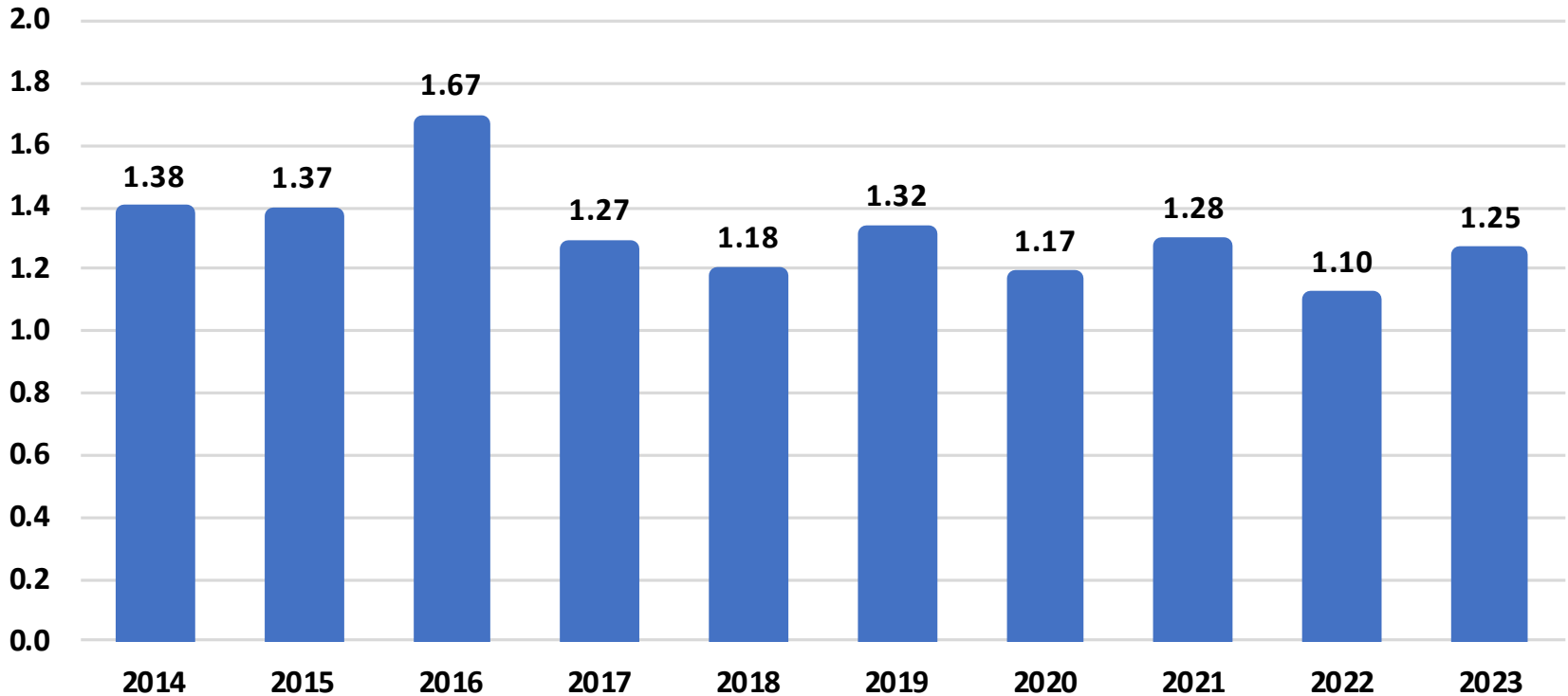
Heads per Square Foot and Yield for 10 State Region





Winter Wheat Production United States

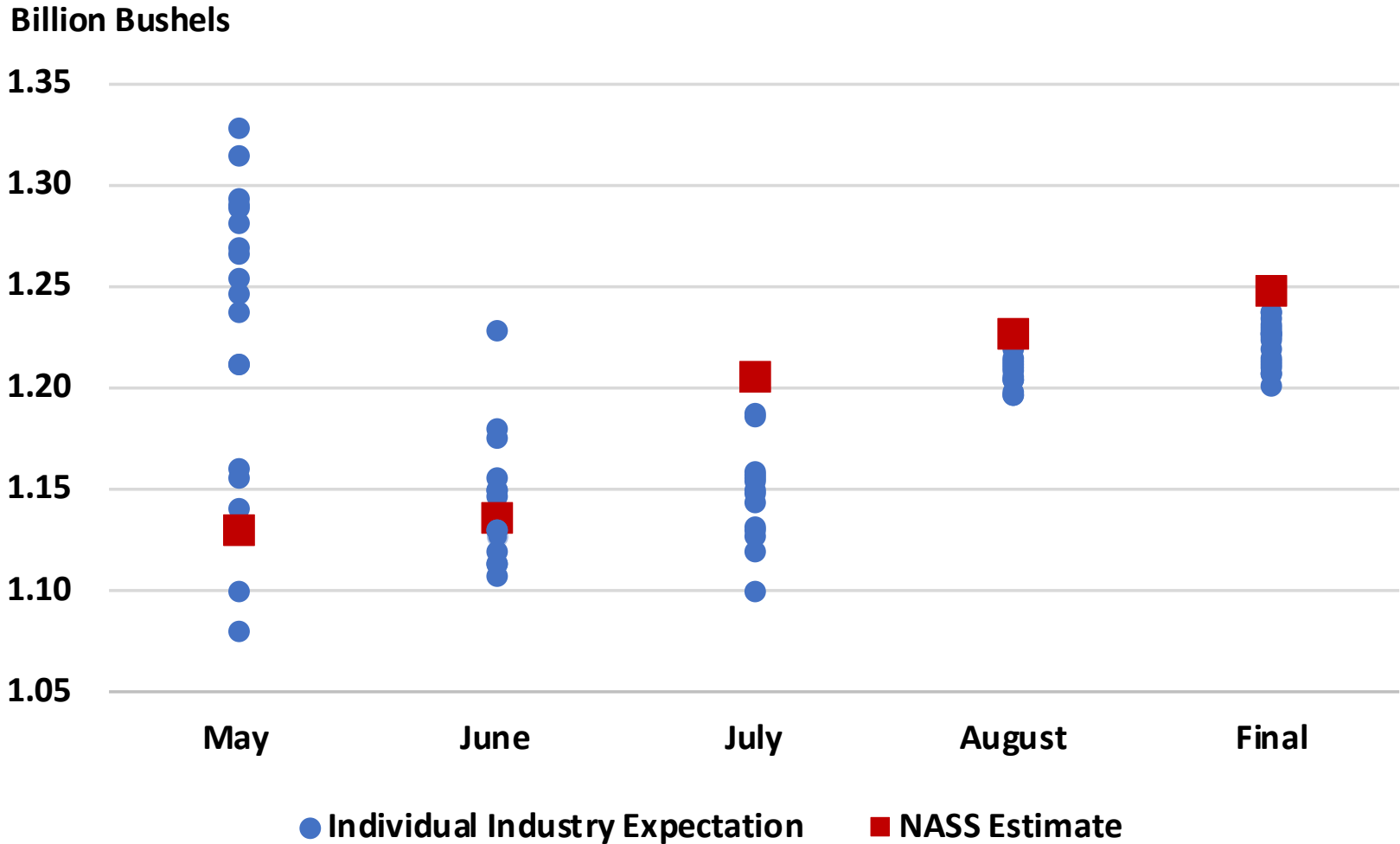
Billion Bushels





2023 U.S. Winter Wheat Production

Industry Expectations vs NASS





2023 Other Spring Wheat Acreage, Yield, and Production

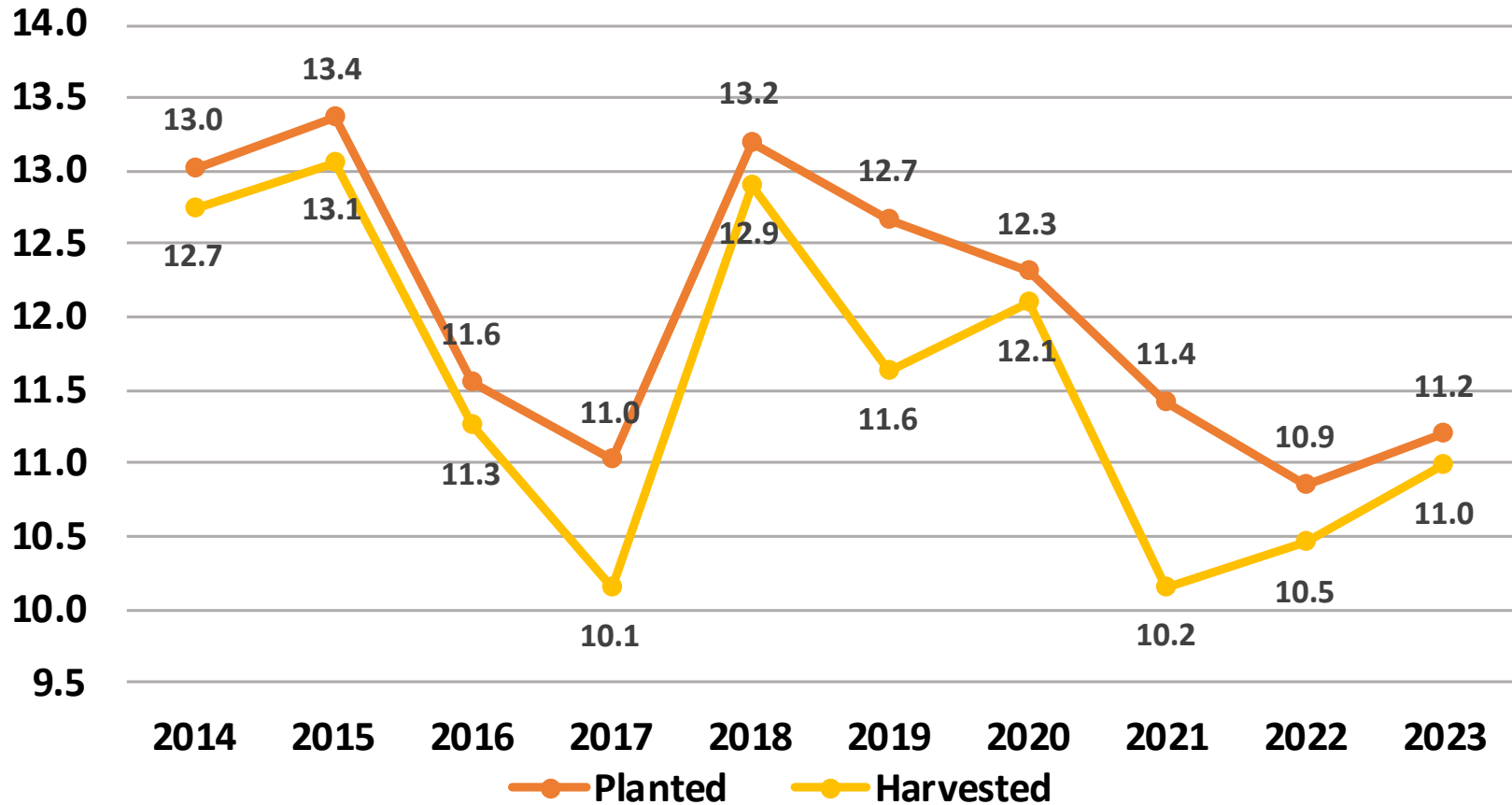
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	11,200	10,985	46.0	504,900
% Change from Previous Estimate	↓ 1.0	↑ 2.1	↑ 10.0	↑ 12.3
% Change from Previous Season	↑ 3.2	↑ 5.1	↓ 0.4	↑ 4.6

	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
North Dakota	5,550	↑ 4.7	5,520	↑ 4.9	48.5	↓ 3.0	267,720	↑ 1.8
Montana	2,700	NC	2,670	↑ 9.4	30.0	↑ 20.0	80,100	↑ 31.3
Minnesota	1,300	↑ 4.0	1,260	↑ 4.1	62.0	↑ 1.6	78,120	↑ 5.8
Idaho	410	↑ 7.9	395	↑ 9.7	82.0	↑ 1.2	32,390	↑ 11.1
South Dakota	740	↓ 1.3	650	↓ 8.5	43.0	↓ 10.4	27,950	↓ 18.0

Other Spring Wheat Acres

United States

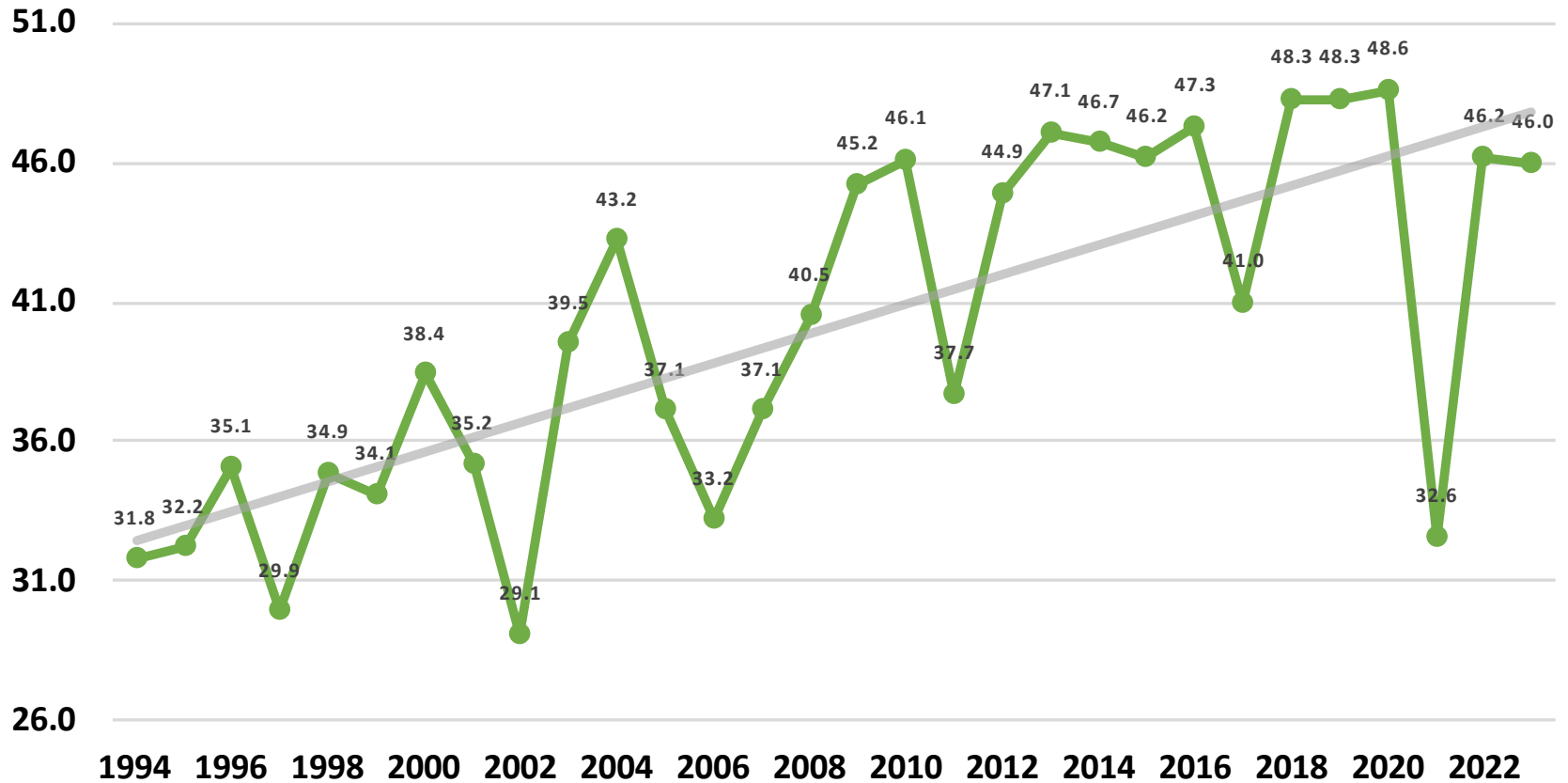
Million Acres





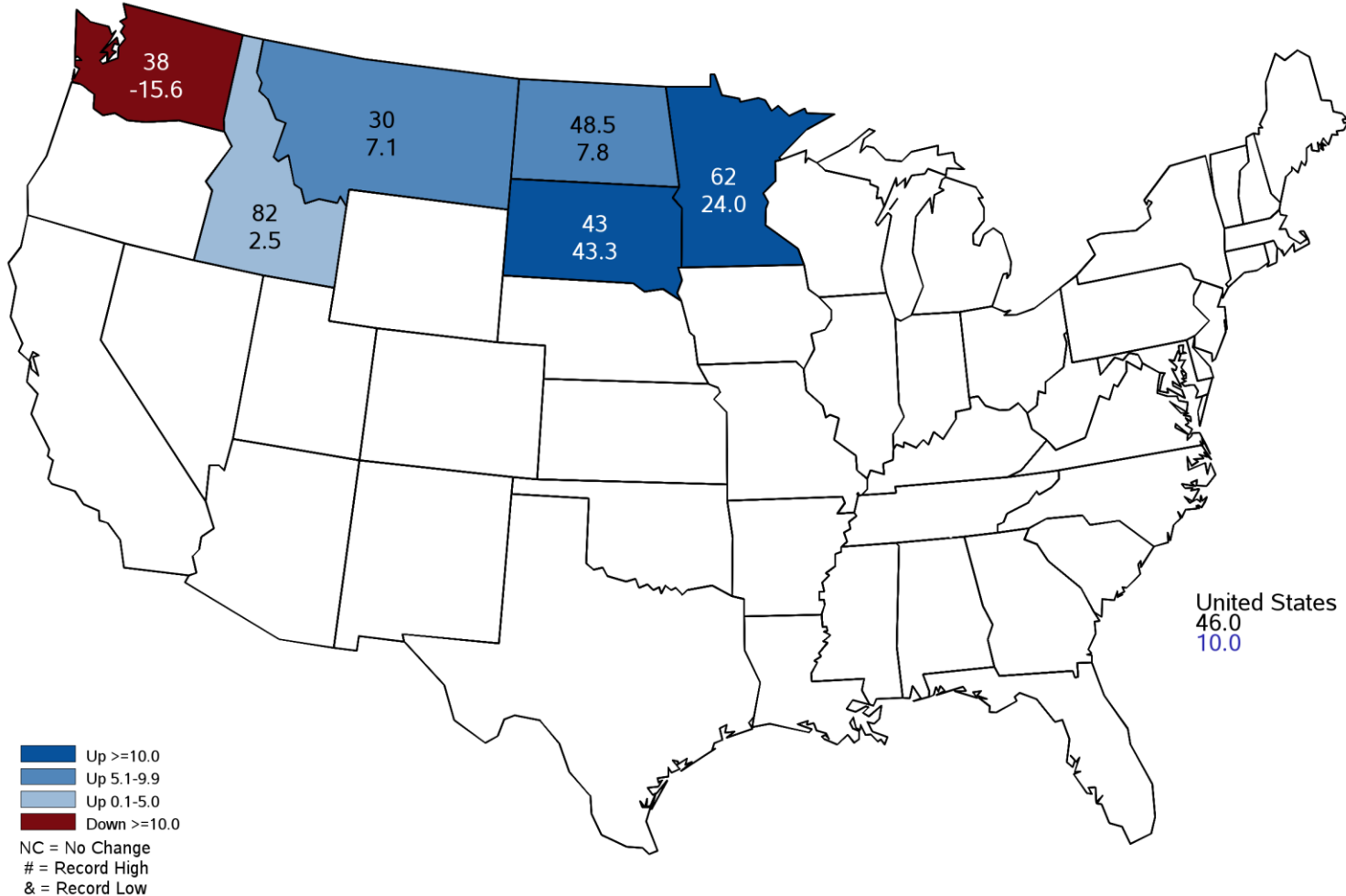
Other Spring Wheat Yield United States

Bushels per Acre



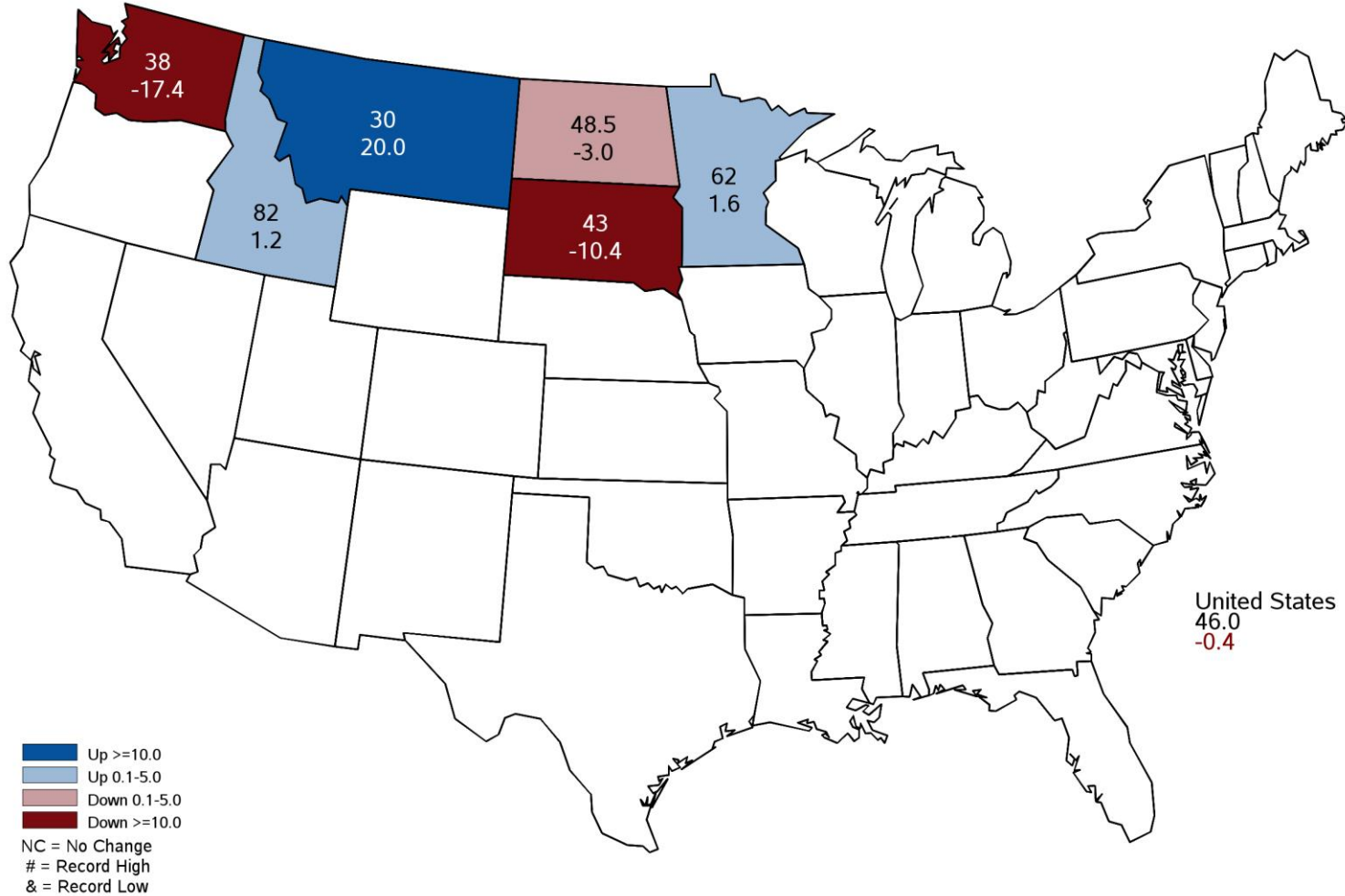
2023 Other Spring Wheat Yield

Bushels and Percent Change from Previous Estimate



2023 Other Spring Wheat Yield

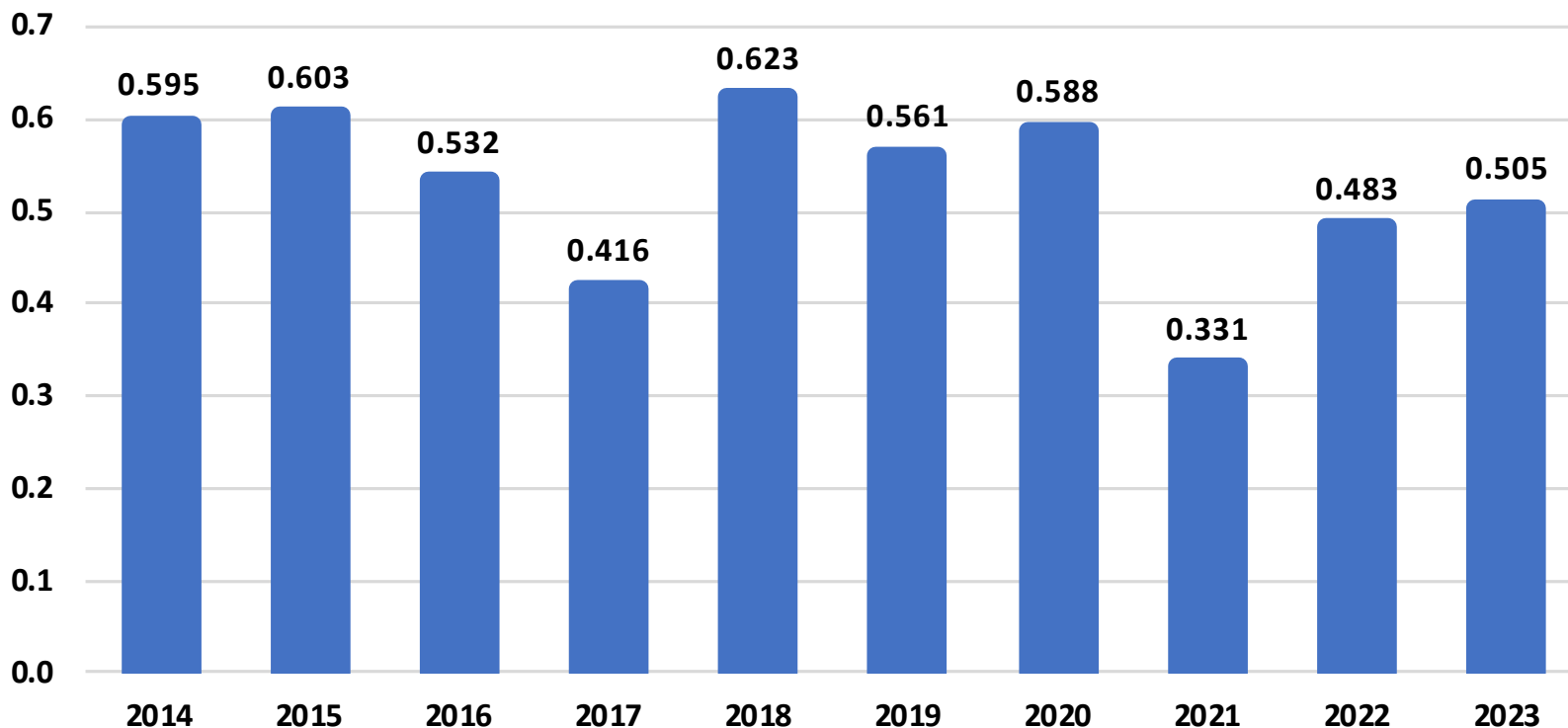
Bushels and Percent Change from Previous Year



Other Spring Wheat Production

United States

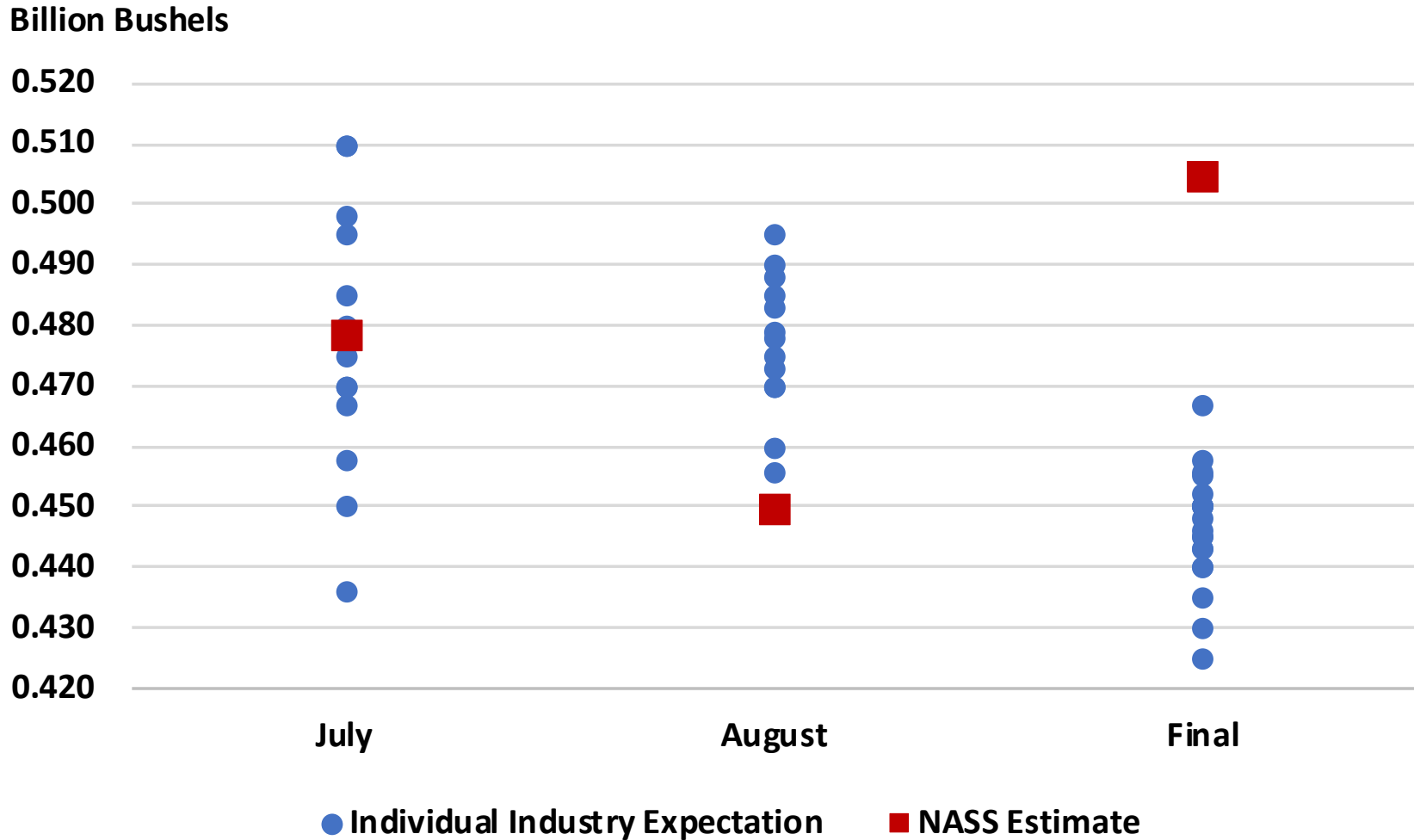
Billion Bushels





2023 U.S. Other Spring Wheat Production

Industry Expectations vs NASS





2023 Durum Wheat

Acreage, Yield, and Production

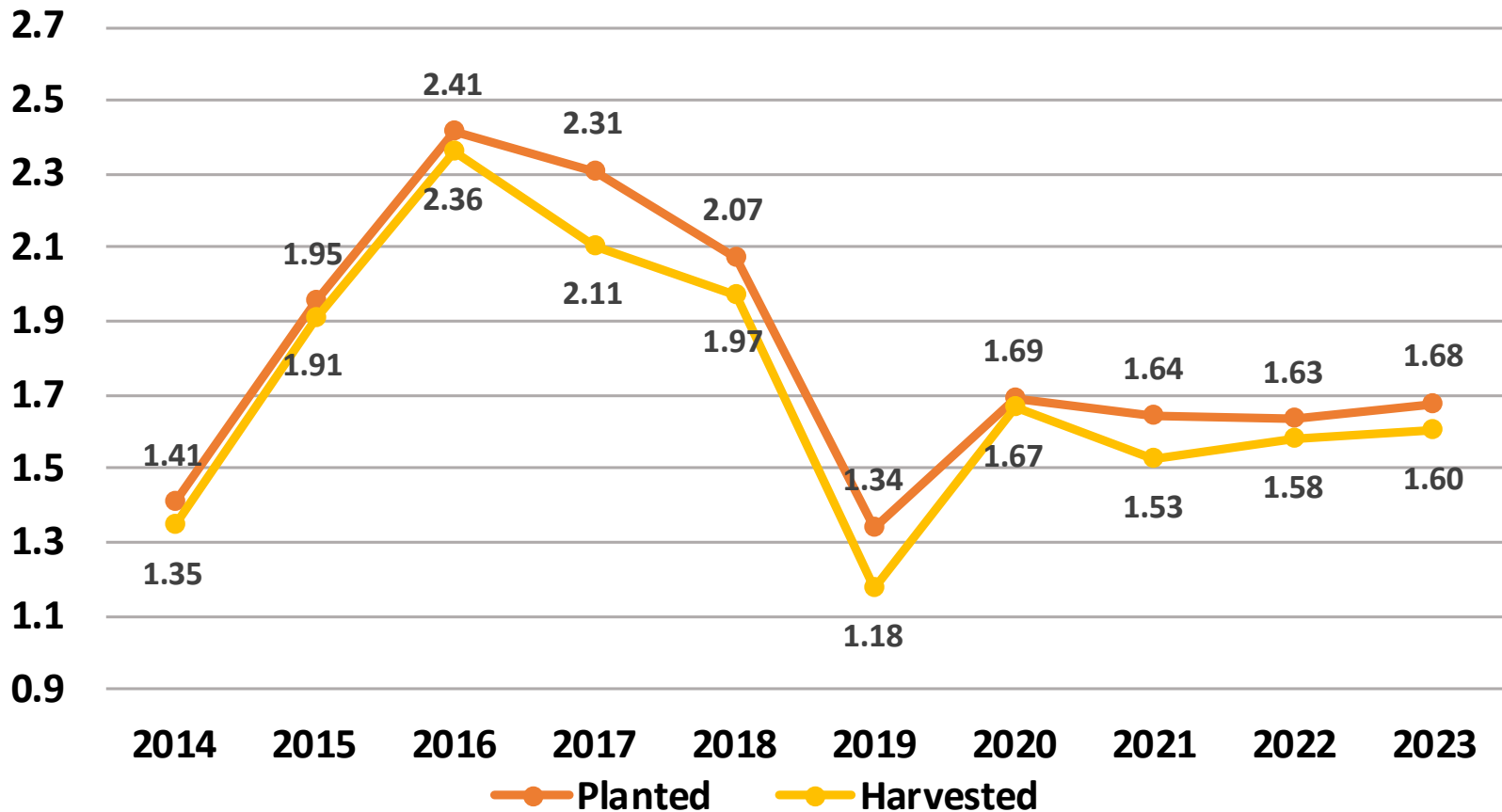
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
United States	1,676		1,604		37.0		59,329	
% Change from Previous Estimate	↓ 0.4		↓ 0.8		↑ 4.2		↑ 3.4	
% Change from Previous Season	↑ 2.7		↑ 1.5		↓ 8.6		↓ 7.3	

	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	905	↑ 14.6	865	↑ 10.9	37.0	↓ 7.5	32,005	↑ 2.6
Montana	705	↓ 0.7	675	NC	31.0	↑ 10.7	20,925	↑ 10.7
Arizona	38	↓ 55.3	37	↓ 56.0	103.0	↓ 9.6	3,811	↓ 60.2
California	18	↓ 55.0	17	↓ 51.4	114.0	↑ 3.6	1,938	↓ 49.7
Idaho	10	↑ 42.9	10	↑ 42.9	65.0	NC	650	↑ 42.9

Durum Wheat Acres

United States

Million Acres

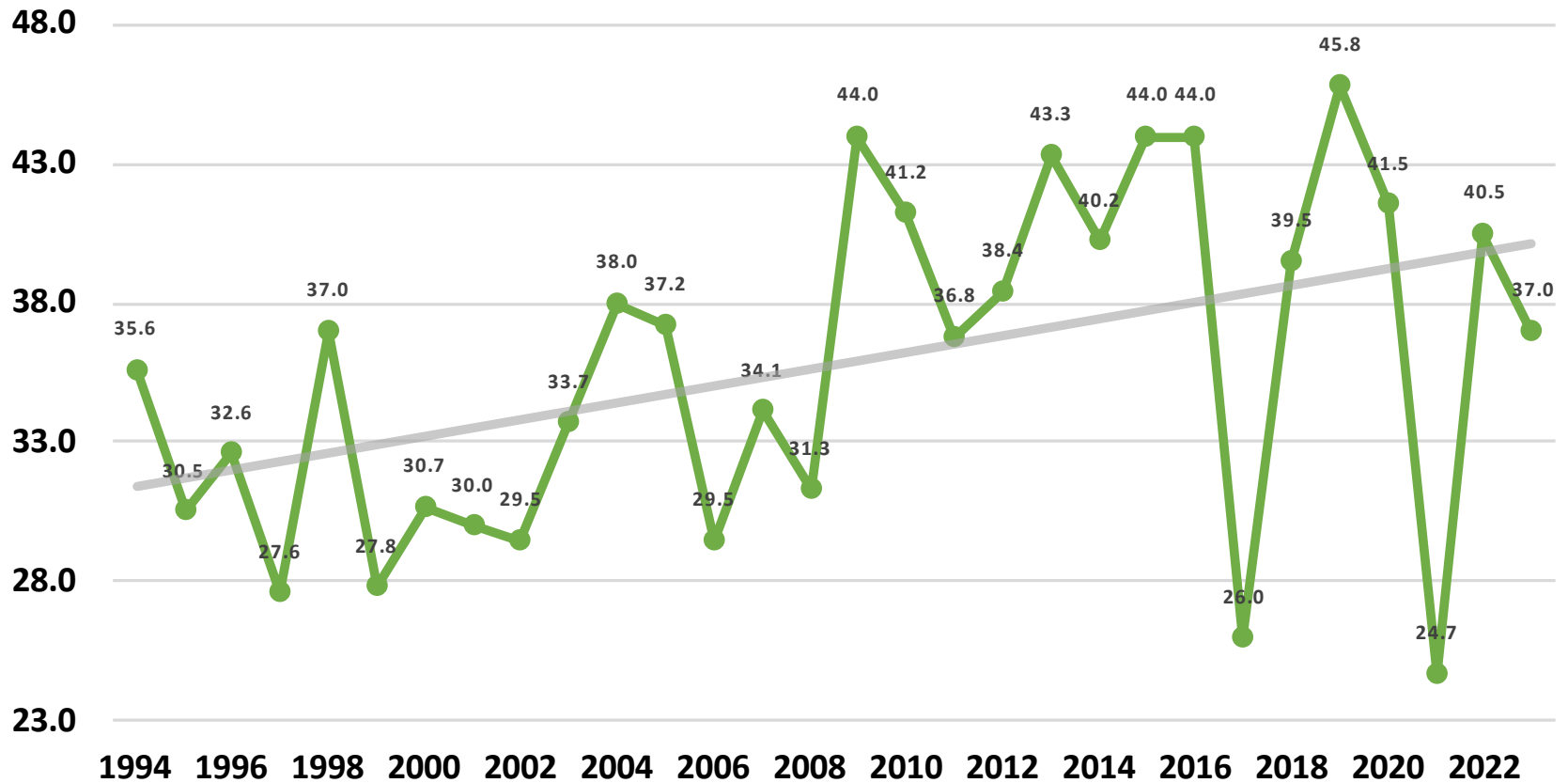




Durum Wheat Yield

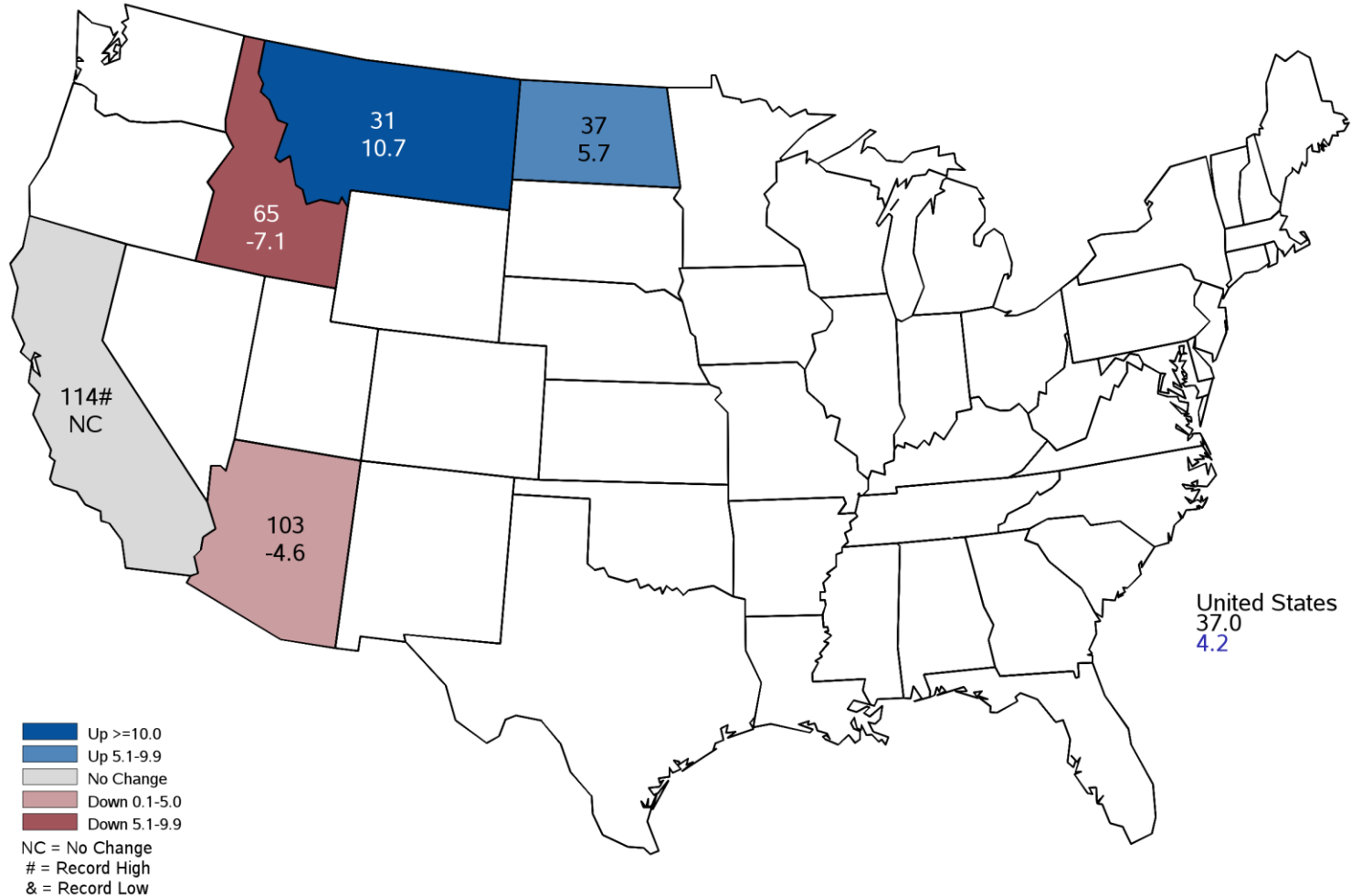
United States

Bushels per Acre



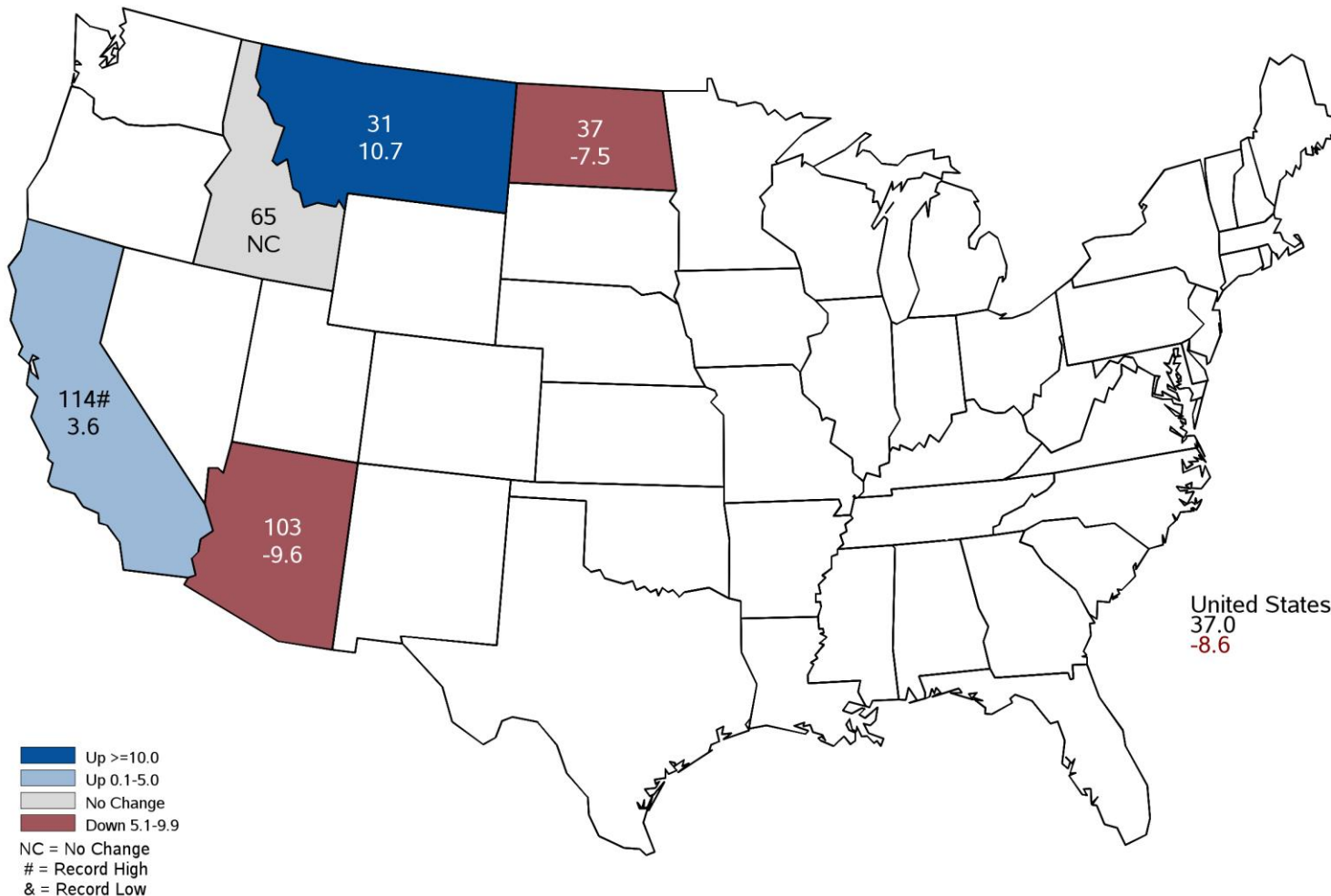
2023 Durum Wheat Yield

Bushels and Percent Change from Previous Estimate



2023 Durum Wheat Yield

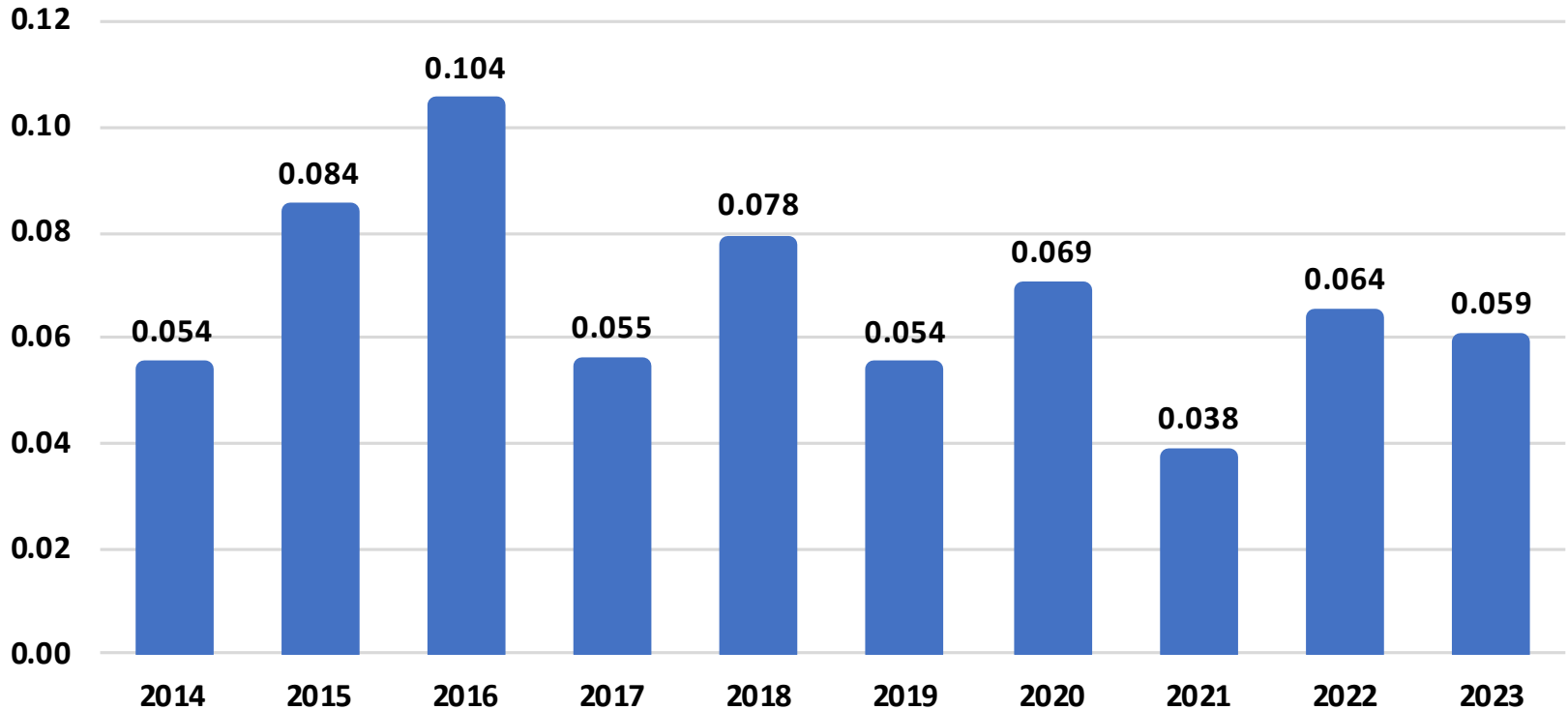
Bushels and Percent Change from Previous Year



Durum Wheat Production

United States

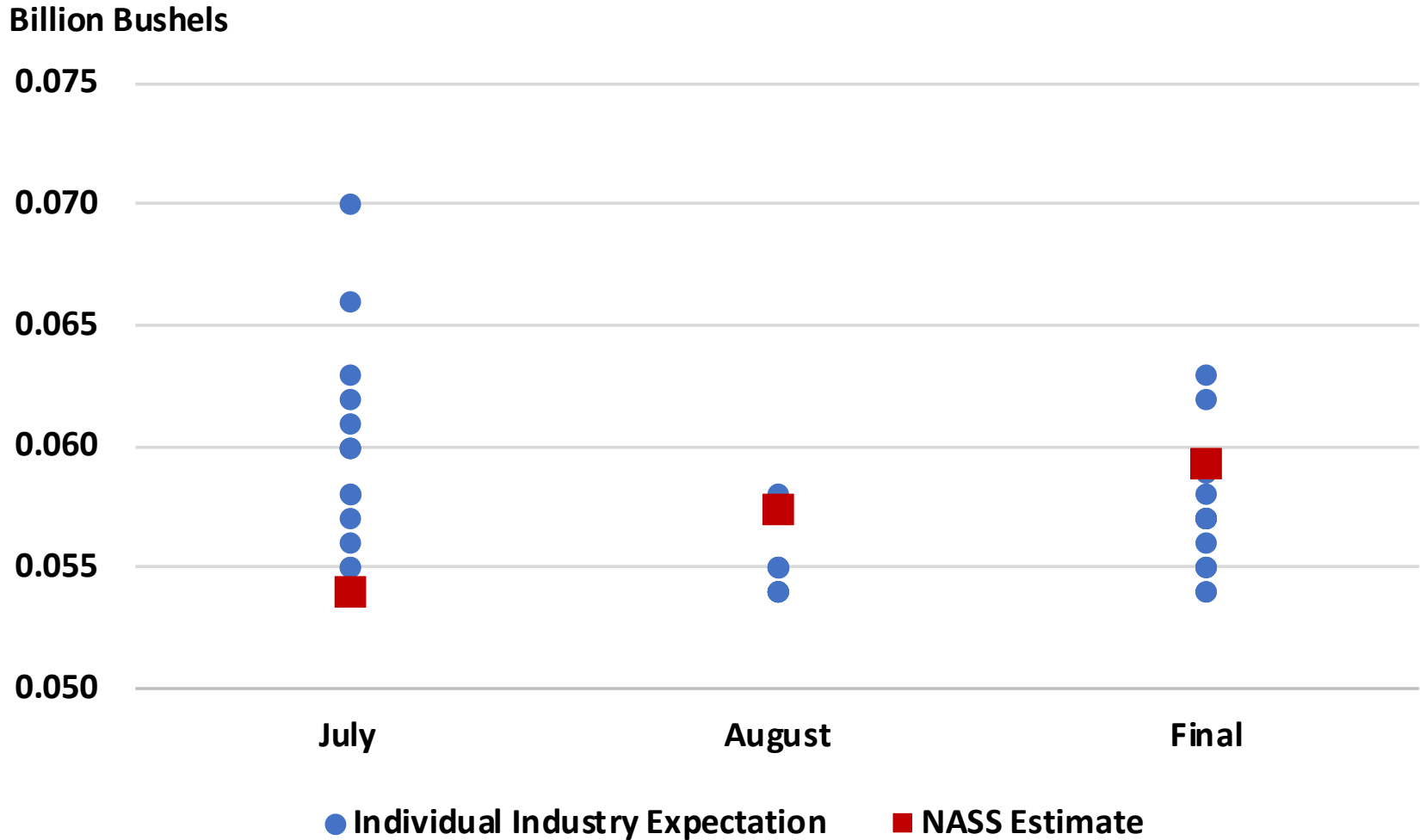
Billion Bushels





2023 U.S. Durum Wheat Production

Industry Expectations vs NASS





2023 Small Grains

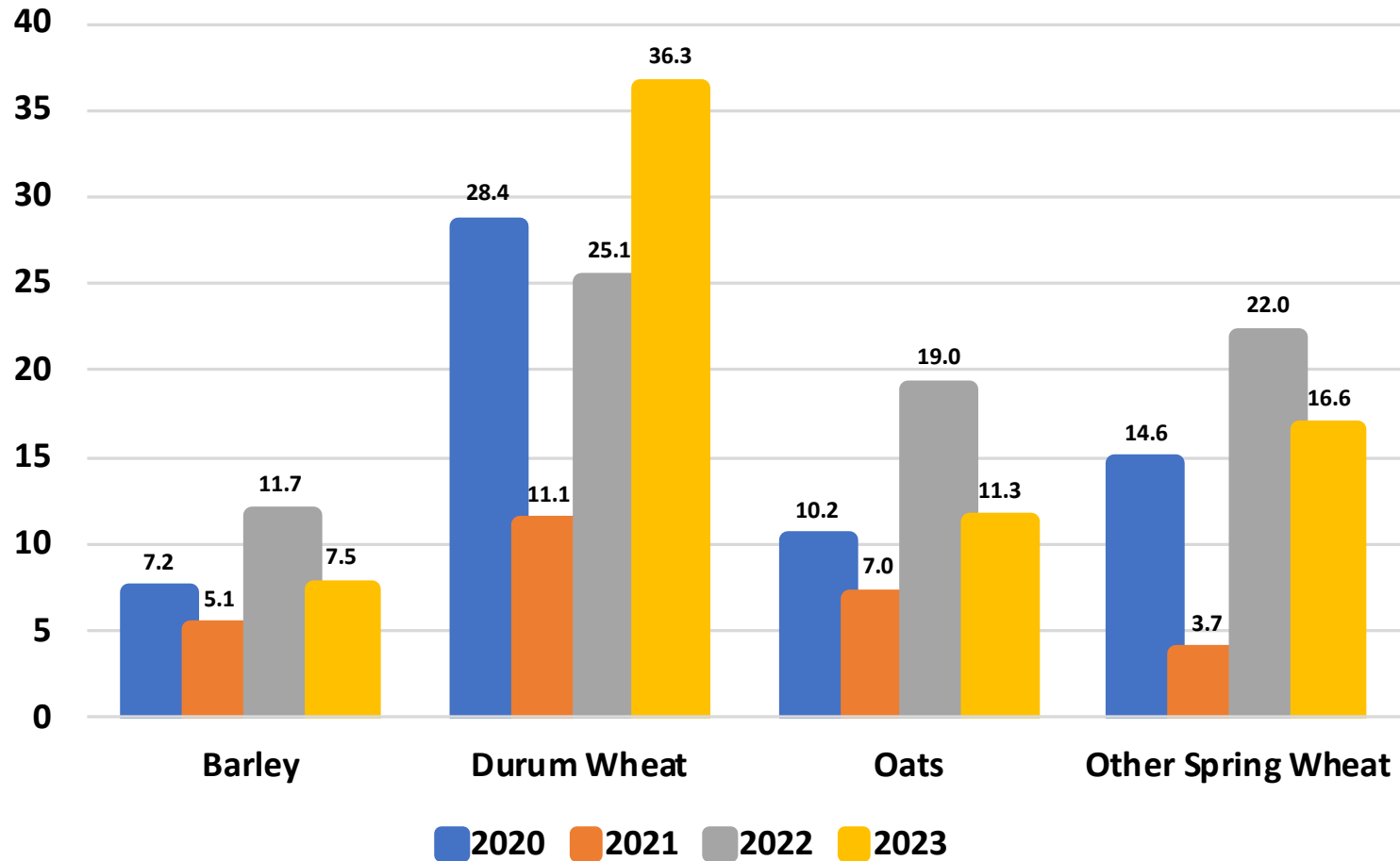
Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Barley	3,101	2,555	72.4	Bu	185,036	Bu
% Change from Previous Estimate	↓ 2.8	↑ 6.6	↓ 3.6		↑ 2.8	
% Change from Previous Season	↑ 4.8	↑ 4.5	↑ 1.1		↑ 5.7	
Oats	2,555	831	68.6	Bu	57,045	Bu
% Change from Previous Estimate	↓ 0.1	↑ 3.4	↑ 11.5		↑ 15.3	
% Change from Previous Season	↓ 1.0	↓ 6.6	↑ 5.9		↓ 1.1	
Rye	2,293	322	32.2	Bu	10,375	Bu
% Change from Previous Estimate	↓ 2.2	↓ 20.5	N/A		N/A	
% Change from Previous Season	↑ 5.4	↓ 5.6	↓ 10.8		↓ 15.7	

Small Grains

U.S. Percent of Acres Remaining to be Harvested

Percent



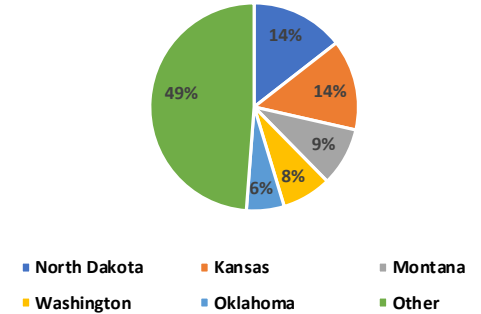


September 2023 All Wheat Stocks

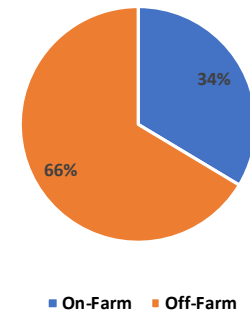


	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
United States	1,779,541	598,140	1,181,401
% Change from Previous Season	↑ 0.1	↑ 1.2	↓ 0.4

September 1, 2023 All Wheat Total Stocks By State



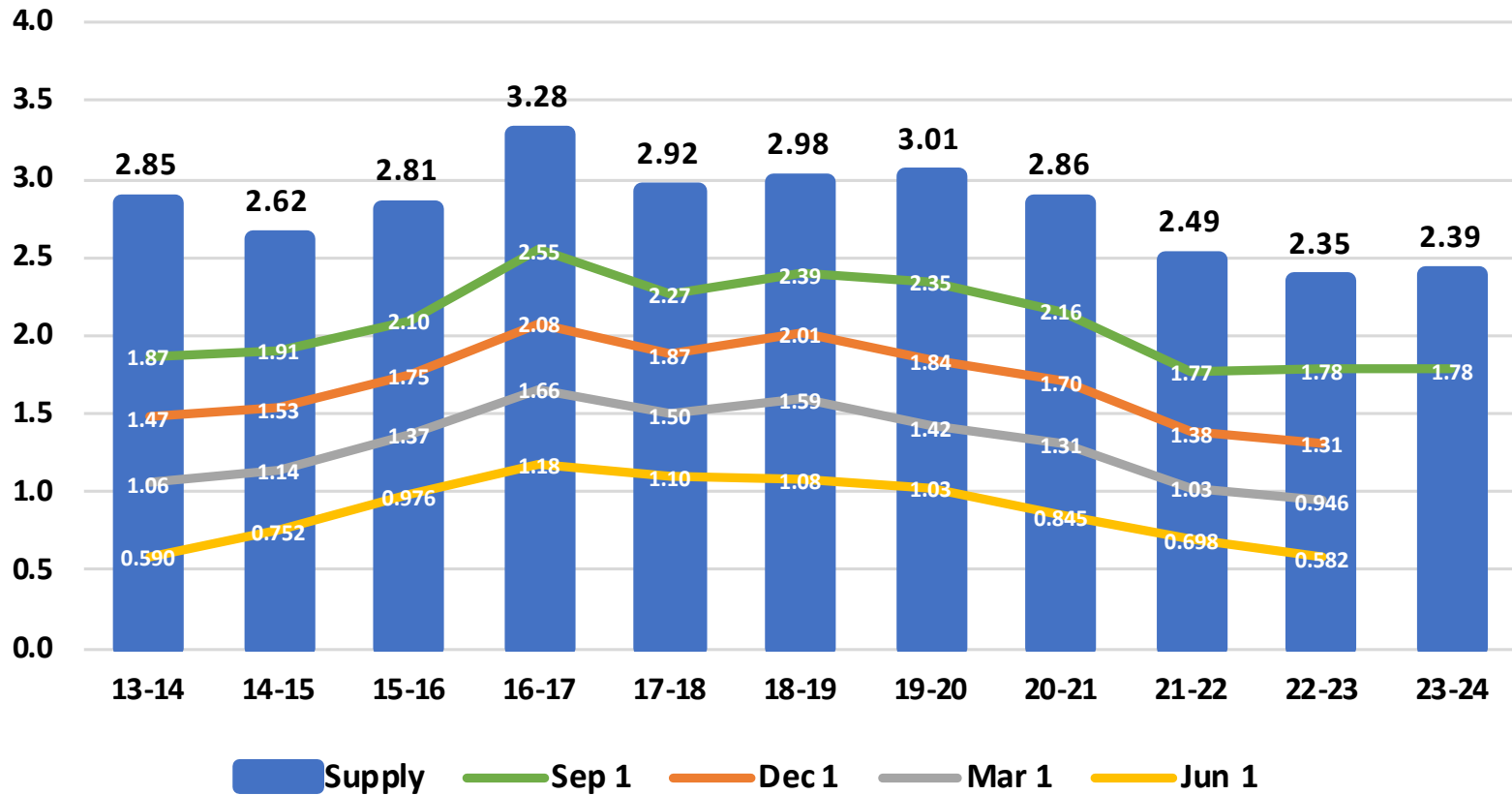
September 1, 2023 All Wheat Stocks By Position



	Top 5 States - By Total Stocks					
	September 1 Total (1,000 Bu)		September 1 On-Farm (1,000 Bu)		September 1 Off-Farm (1,000 Bu)	
		% Δ PY		% Δ PY		% Δ PY
North Dakota	257,051	↓ 6.7	175,000	↓ 16.7	82,051	↑ 25.1
Kansas	251,216	↓ 17.9	24,000	↓ 21.3	227,216	↓ 17.5
Montana	161,892	↑ 27.1	123,500	↑ 31.4	38,392	↑ 15.1
Washington	136,669	↓ 12.6	13,500	↓ 34.1	123,169	↓ 9.4
Oklahoma	104,263	↓ 23.9	7,500	↑ 7.1	96,763	↓ 25.6

September 2023 All Wheat Stocks United States

Billion Bushels



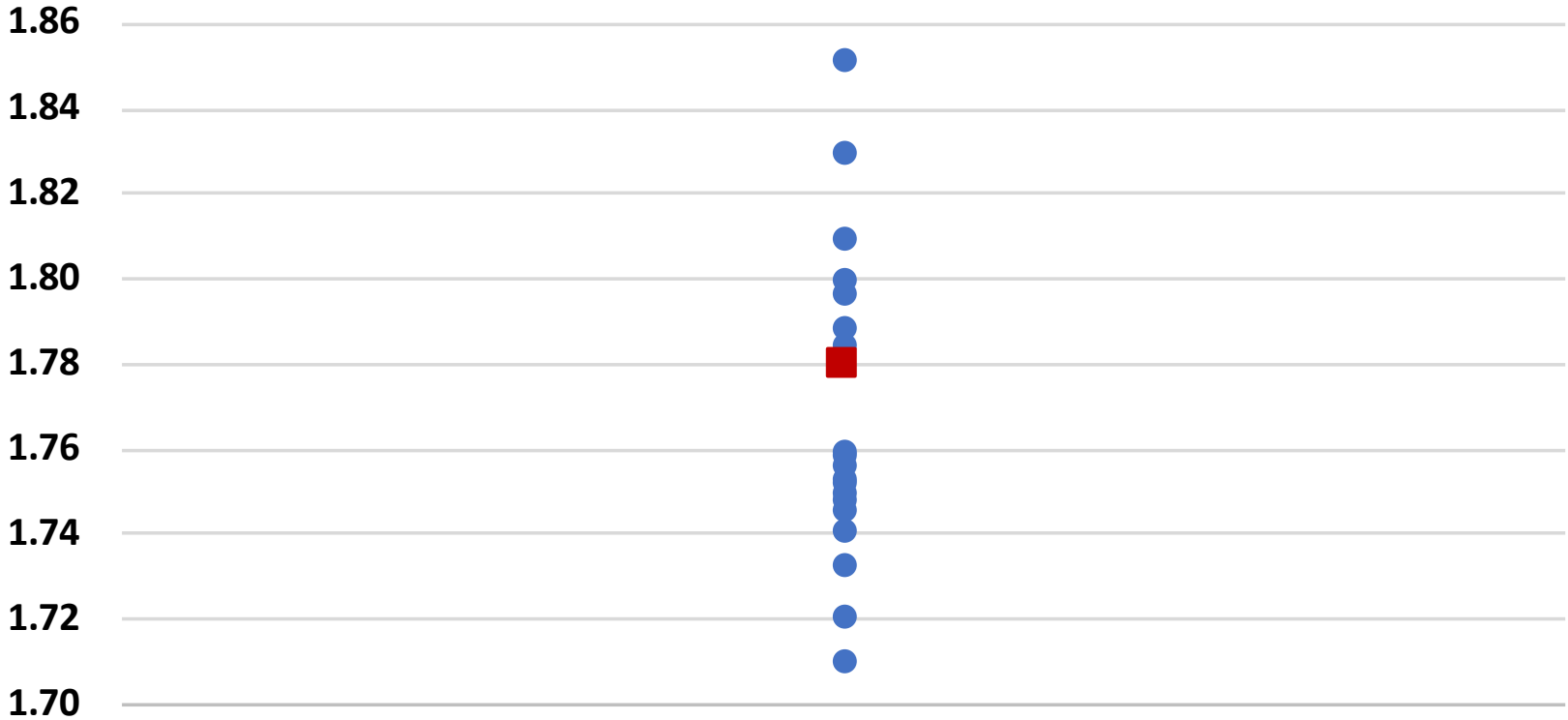


2023 U.S. All Wheat Stocks

Industry Expectations vs NASS



Billion Bushels



September

● Individual Industry Expectation ■ NASS Estimate

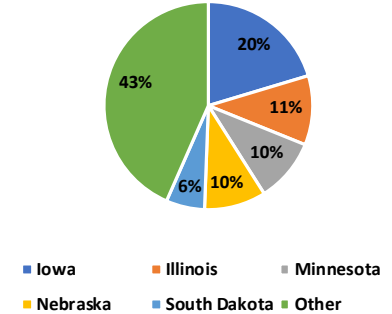


September 2023 Corn Stocks



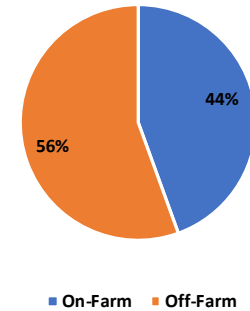
	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
United States	1,361,303	605,400	755,903
% Change from Previous Season	↓ 1.1	↑ 18.8	↓ 12.9

September 1, 2023 Corn Total Stocks By State



	September 1 Total (1,000 Bu)		September 1 On-Farm (1,000 Bu)		September 1 Off-Farm (1,000 Bu)	
		% Δ PY		% Δ PY		% Δ PY
Iowa	276,962	↑ 8.5	110,000	↑ 15.8	166,962	↑ 4.2
Illinois	146,778	↑ 0.9	56,000	↑ 16.7	90,778	↓ 6.8
Minnesota	134,814	↓ 5.4	61,000	↓ 12.9	73,814	↑ 1.7
Nebraska	130,172	↓ 14.1	68,000	↑ 33.3	62,172	↓ 38.2
South Dakota	81,385	↑ 14.5	39,000	↑ 21.9	42,385	↑ 8.4

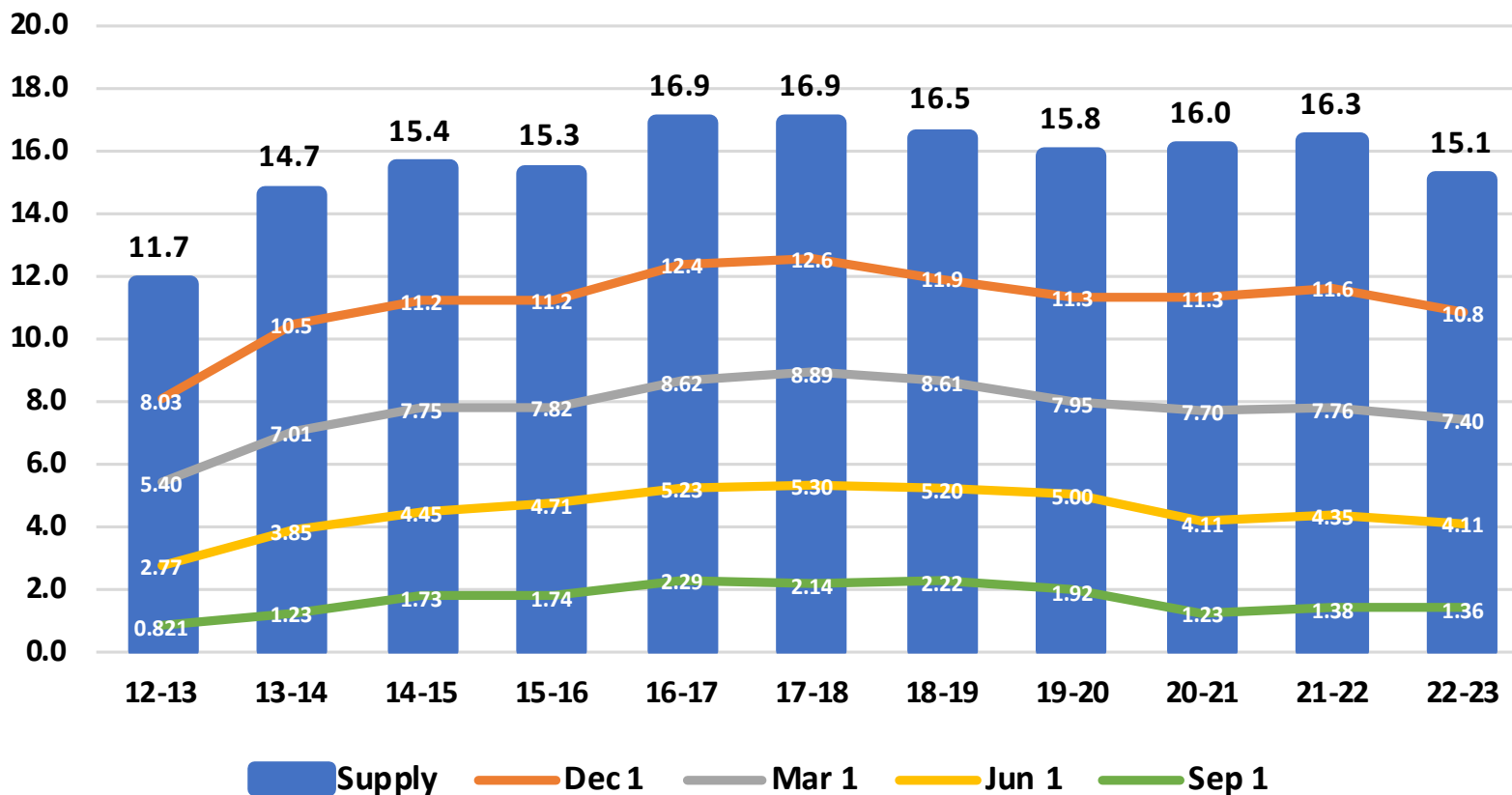
September 1, 2023 Corn Stocks By Position



September 2023 Corn Stocks

United States

Billion Bushels





2023 U.S. Corn Stocks

Industry Expectations vs NASS



Billion Bushels



September

● Individual Industry Expectation ■ NASS Estimate



2022 U.S. Corn Crop

Balance Sheet



	Previous Estimates (Million Bushels)	September 30 Estimates (Million Bushels)	Change (Million Bushels)	
Sept. 1, 2022 Beginning Stocks	1,377	1,377		NC
2022 Production	13,730	13,715	↓	15
Imports	40 *	40 *		NC
Total Supply	15,147	15,132	↓	15
Exports	1,665 *	1,665 *		NC
Food, Seed, and Industrial	6,605 *	6,605 *		NC
Measured Disappearance	8,270 *	8,270 *		NC
Ending Stocks	1,452 *	1,361	↓	91
Residual	5,425 *	5,500	↑	76

* WAOB Forecast - September WASDE Report

Note: Totals may not add due to rounding.

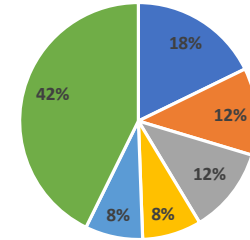


September 2023 Soybeans Stocks



	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
United States	268,205	72,000	196,205
% Change from Previous Season	↓ 2.3	↑ 14.4	↓ 7.2

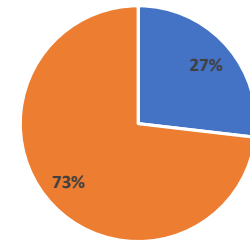
September 1, 2023 Soybean Total Stocks By State



■ Iowa ■ Illinois ■ Minnesota ■ Missouri ■ Nebraska ■ Other

	Top 5 States - By Total Stocks					
	September 1 Total (1,000 Bu)		September 1 On-Farm (1,000 Bu)		September 1 Off-Farm (1,000 Bu)	
		% Δ PY		% Δ PY		% Δ PY
Iowa	47,640	↓ 7.6	12,000	↑ 9.1	35,640	↓ 12.1
Illinois	31,896	↓ 3.2	7,200	↓ 14.3	24,696	↑ 0.6
Minnesota	31,447	↑ 20.6	9,700	↓ 1.0	21,747	↑ 33.6
Missouri	21,577	↑ 65.3	9,900	↑ 167.6	11,677	↑ 24.8
Nebraska	21,064	↑ 3.8	5,600	↑ 60.0	15,464	↓ 7.9

September 1, 2023 Soybean Stocks By Position

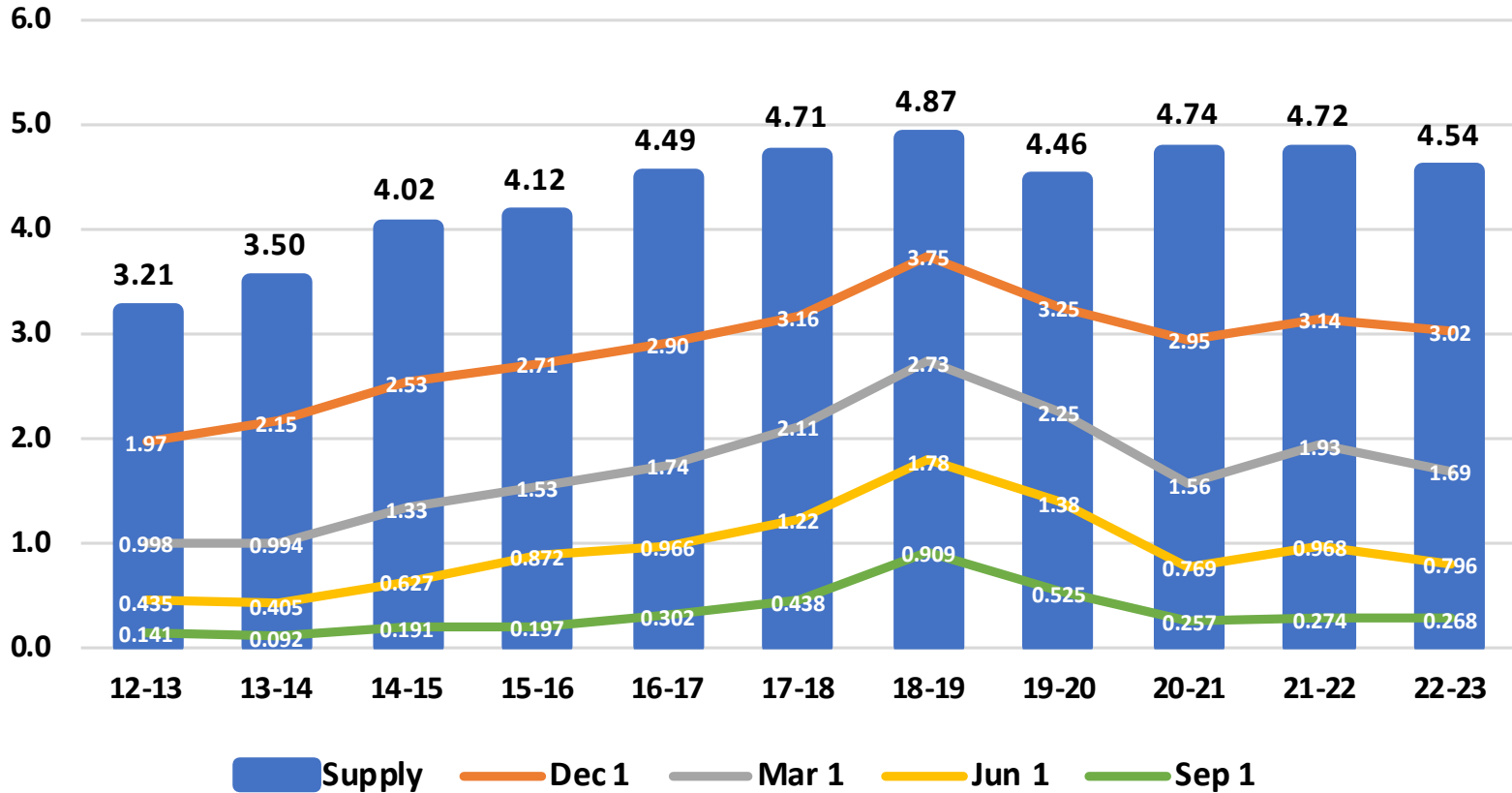


■ On-Farm ■ Off-Farm

September 2023 Soybean Stocks

United States

Billion Bushels





2023 U.S. Soybean Stocks

Industry Expectations vs NASS



Billion Bushels



September

● Individual Industry Expectation ■ NASS Estimate



2022 U.S. Soybean Crop

Balance Sheet



	Previous Estimates (Million Bushels)	September 30 Estimates (Million Bushels)	Change (Million Bushels)	
Sept. 1, 2022 Beginning Stocks	274	274		NC
2022 Production	4,276	4,270	↓	6
Imports	30 *	30 *		NC
Total Supply	4,581	4,575	↓	6
Crushings	2,220 *	2,220 *		NC
Exports	1,990 *	1,990 *		NC
Seed	97 *	97 *		NC
Measured Disappearance	4,307 *	4,307 *		NC
Ending Stocks	250 *	268	↑	18
Residual	24 *	-1	↓	24

* WAOB Forecast - September WASDE Report

Note: Totals may not add due to rounding.



September 2023

Stocks



	Unit	September 1 Total (1,000 Units)	September 1 On-Farm (1,000 Units)	September 1 Off-Farm (1,000 Units)
Barley	Bushels	179,794	124,150	55,644
% Change from Previous Year		↑ 8.6	↑ 2.3	↑ 25.8
Durum Wheat	Bushels	57,279	33,200	24,079
% Change from Previous Year		↑ 6.5	↑ 5.4	↑ 8.2
Oats	Bushels	75,245	35,450	39,795
% Change from Previous Year		↑ 20.3	↓ 14.9	↑ 90.4
Sorghum	Bushels	24,245	1,389	22,856
% Change from Previous Year		↓ 48.7	↓ 43.5	↓ 49.0
Sunflower	Pounds	367,229	142,600	224,629
% Change from Previous Year		↑ 24.7	↑ 213.3	↓ 9.8



Selected Upcoming Reports



October 2	Cotton System Fats & Oils Grain Crashings
October 12	Cotton Ginnings Crop Production
October 20	Cattle on Feed Cotton Ginnings
October 25	Rice Stocks
October 31	Agricultural Prices

<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 *Grain Stocks* report and *Small Grains 2023 Summary* with NASS Crops Branch Chief Lance Honig.

FRI, SEPT. 29 @ 1PM ET

You can post questions in advance to @usda_nass.



#STATCHAT





All Reports Available At

www.nass.usda.gov

For Questions

(202) 720-2127

(800) 727-9540

nass@usda.gov