



Small Grains Summary Grain Stocks

Agricultural Statistics Board Briefing

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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 revisions in acreage, yield, and production for the 2021 crop.

U.S. corn production for 2021 is revised down 41.4 million bushels and U.S. soybean production is revised up 30.2 million bushels from the previous estimate.



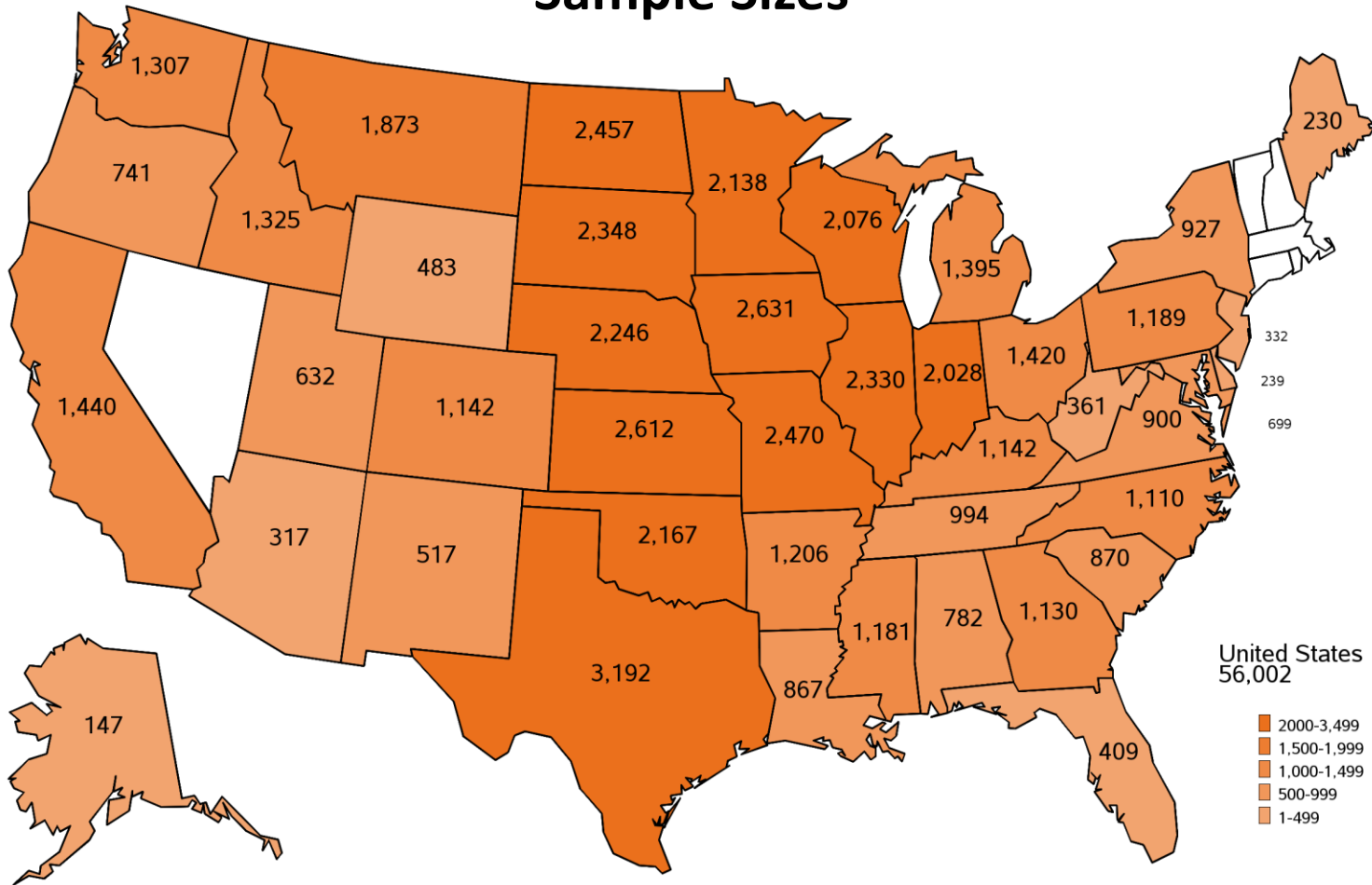
Data Sources



Operator Reported Surveys	September Ag Survey	Sample Size = 56,002	August 30 - September 17
	Off-Farm Grain Stocks	~8,200 Facilities	August 30 - September 19
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 2022 Ag Survey

Sample Sizes





2022 Winter Wheat Acreage, Yield, and Production

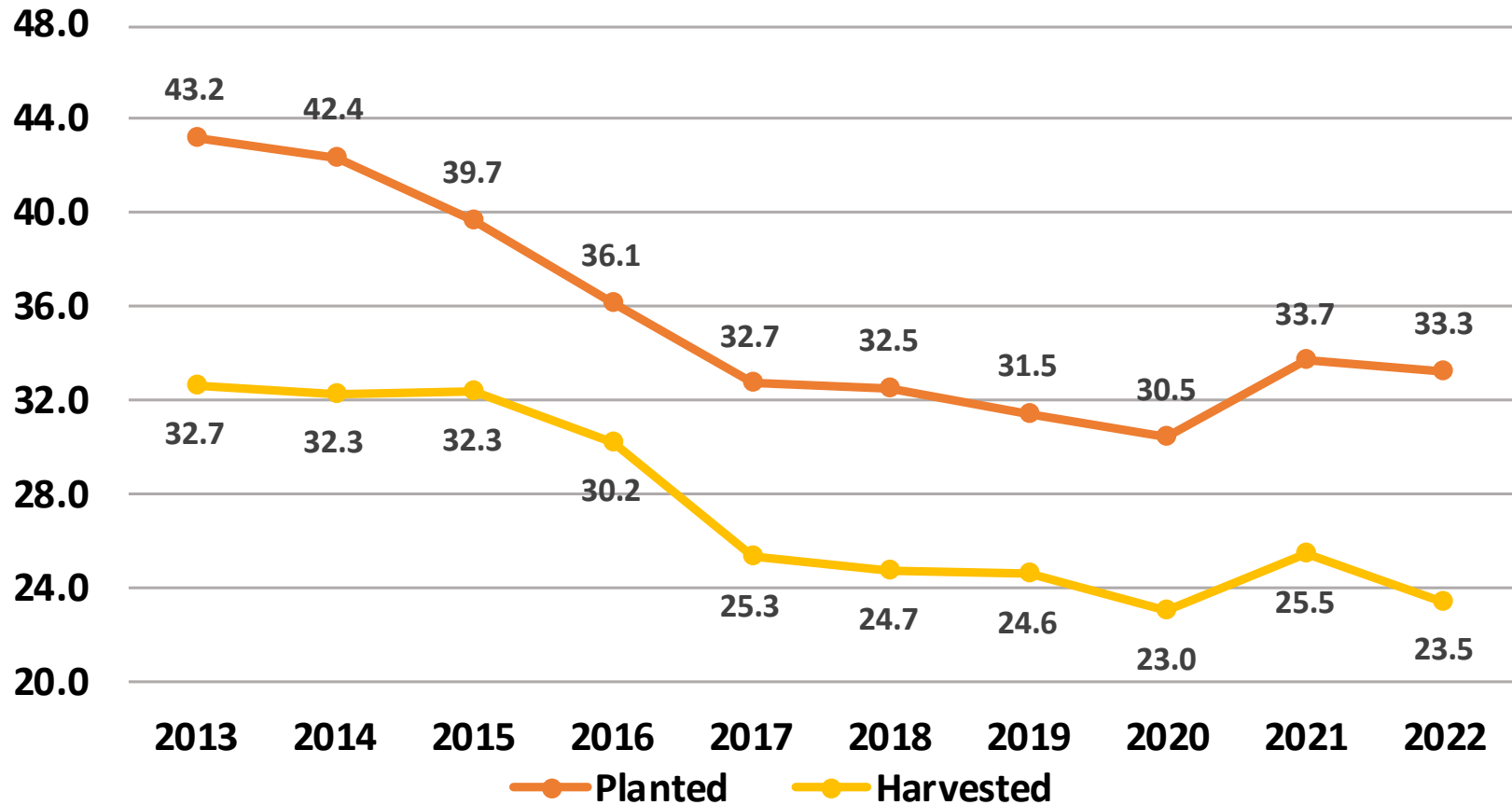
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	33,271	23,459	47.0	1,103,707
% Change from Previous Estimate	↓ 2.2	↓ 6.2	↓ 1.9	↓ 7.8
% Change from Previous Season	↓ 1.2	↓ 7.9	↓ 6.4	↓ 13.6

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	NC	6,600	↓ 5.7	37.0	↓ 28.8	244,200	↓ 32.9	
Washington	1,850	↑ 5.7	1,800	↑ 6.5	68.0	↑ 61.9	122,400	↑ 72.4	
Oklahoma	4,300	↓ 2.3	2,450	↓ 16.9	28.0	↓ 28.2	68,600	↓ 40.4	
Idaho	770	↑ 8.5	710	↑ 10.9	90.0	↑ 26.8	63,900	↑ 40.6	
Montana	2,050	↑ 5.1	1,800	↑ 4.0	33.0	↑ 6.5	59,400	↑ 10.8	

Winter Wheat Acres

United States

Million Acres

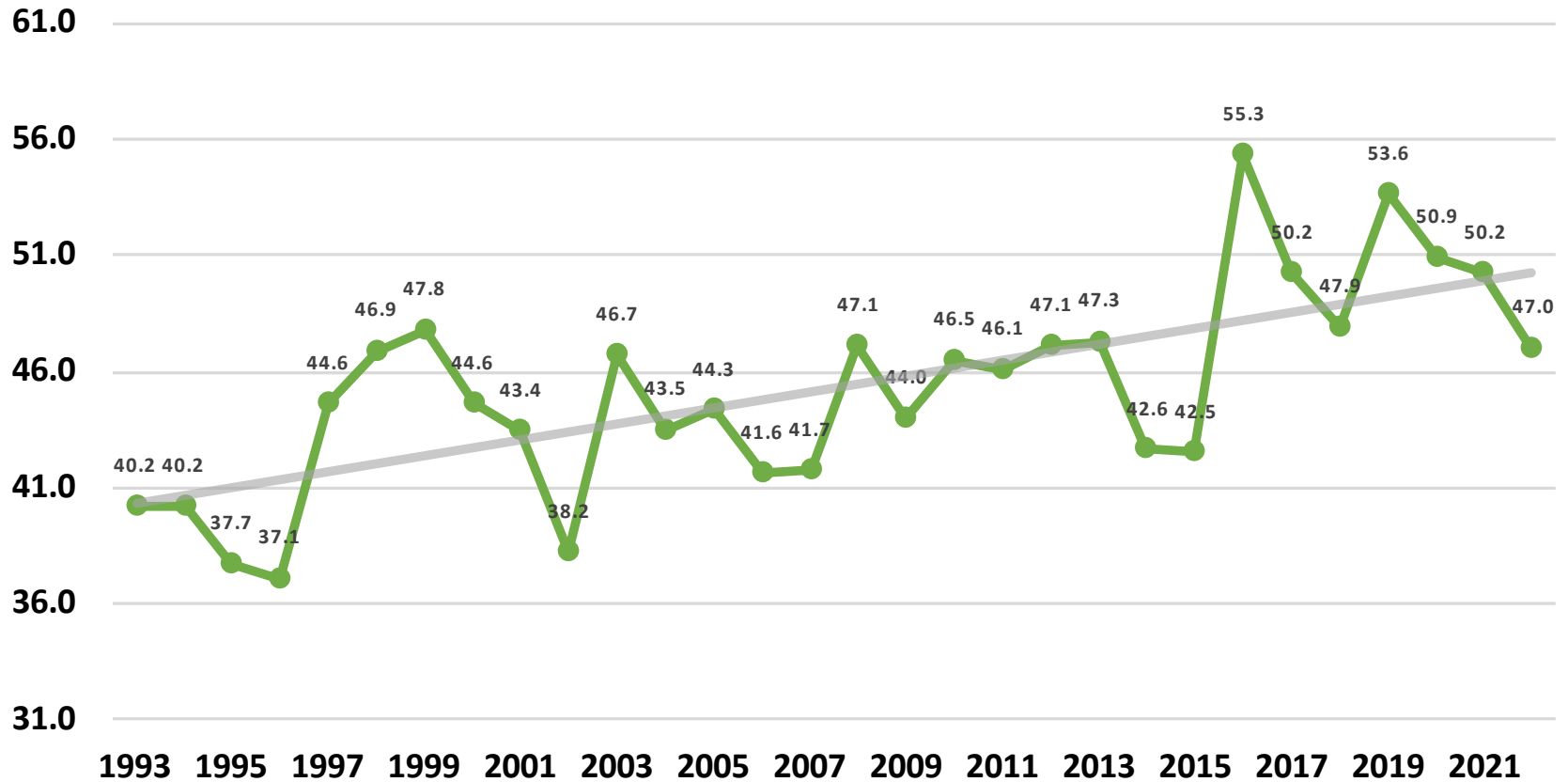




Winter Wheat Yield

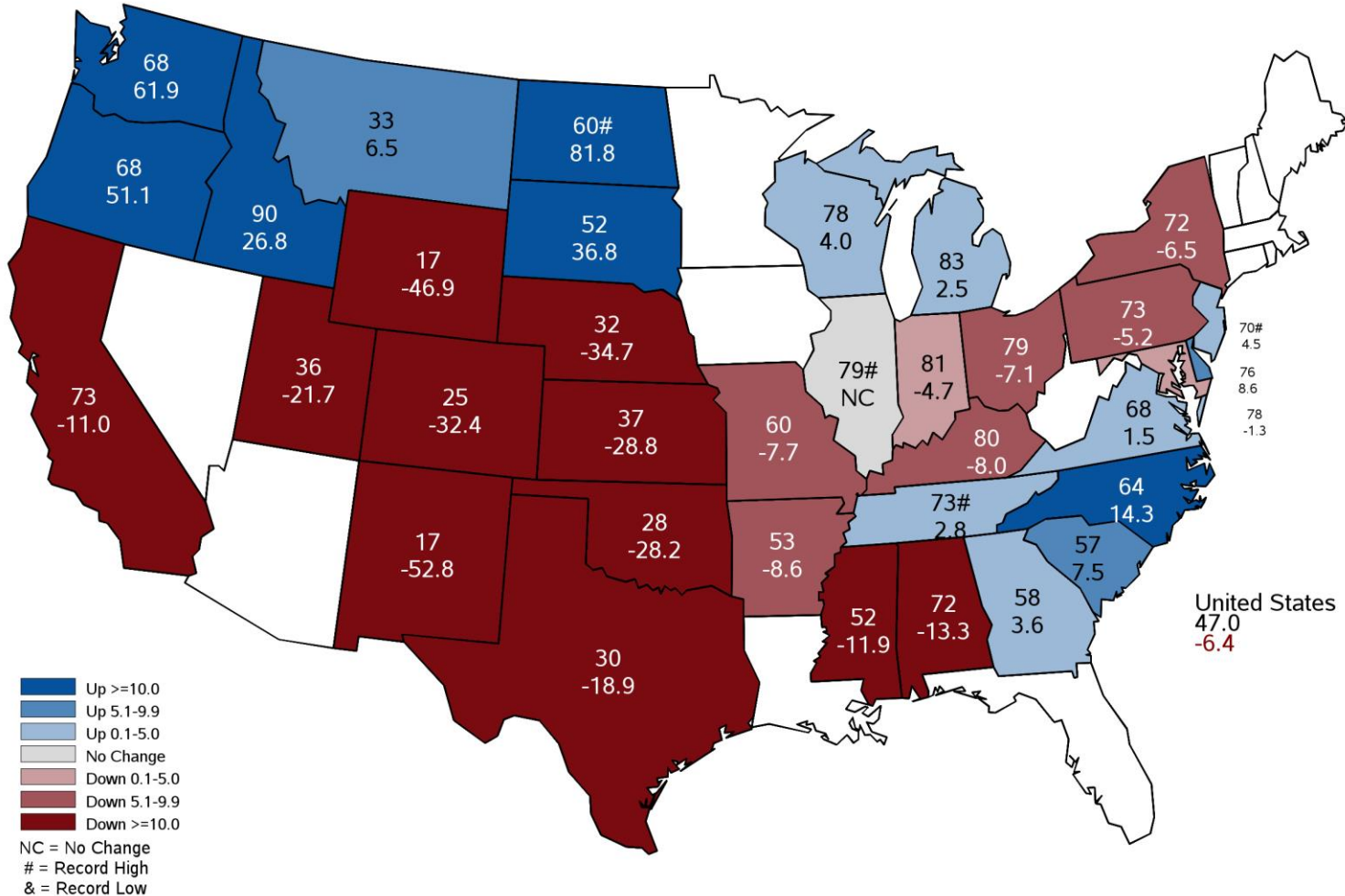
United States

Bushels per Acre



2022 Winter Wheat Yield

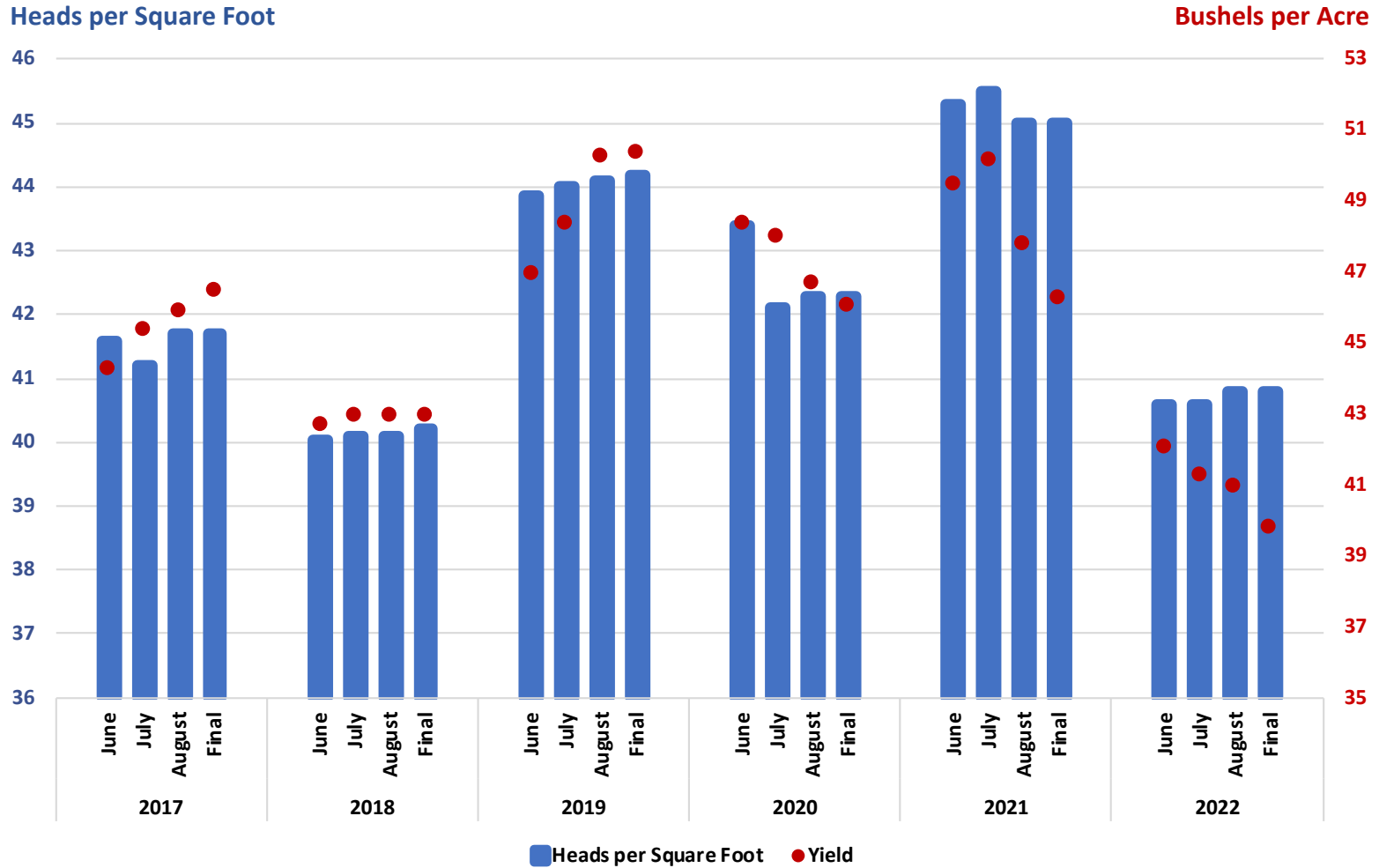
Bushels and Percent Change from Previous Year





2022 Winter Wheat Objective Yield

Heads per Square Foot and Yield for 10 State Region

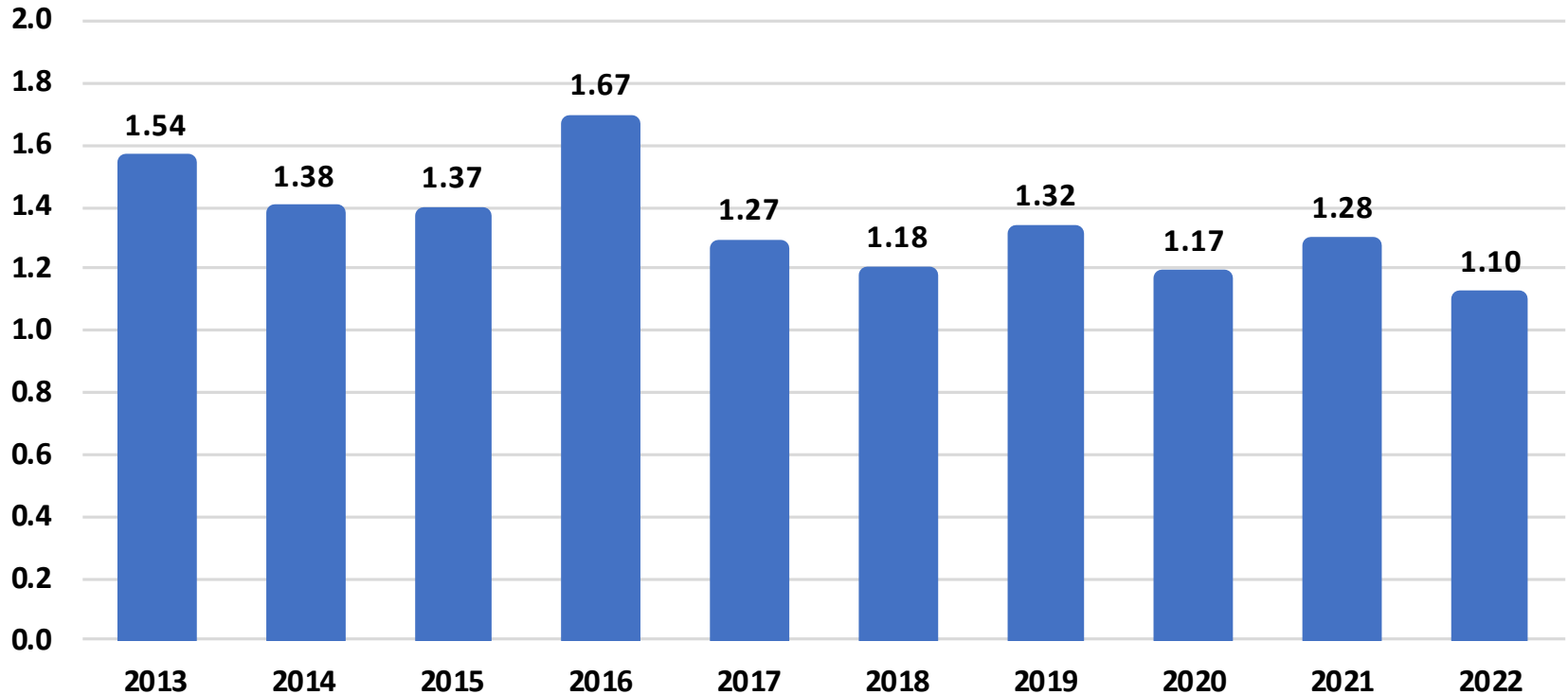




Winter Wheat Production United States



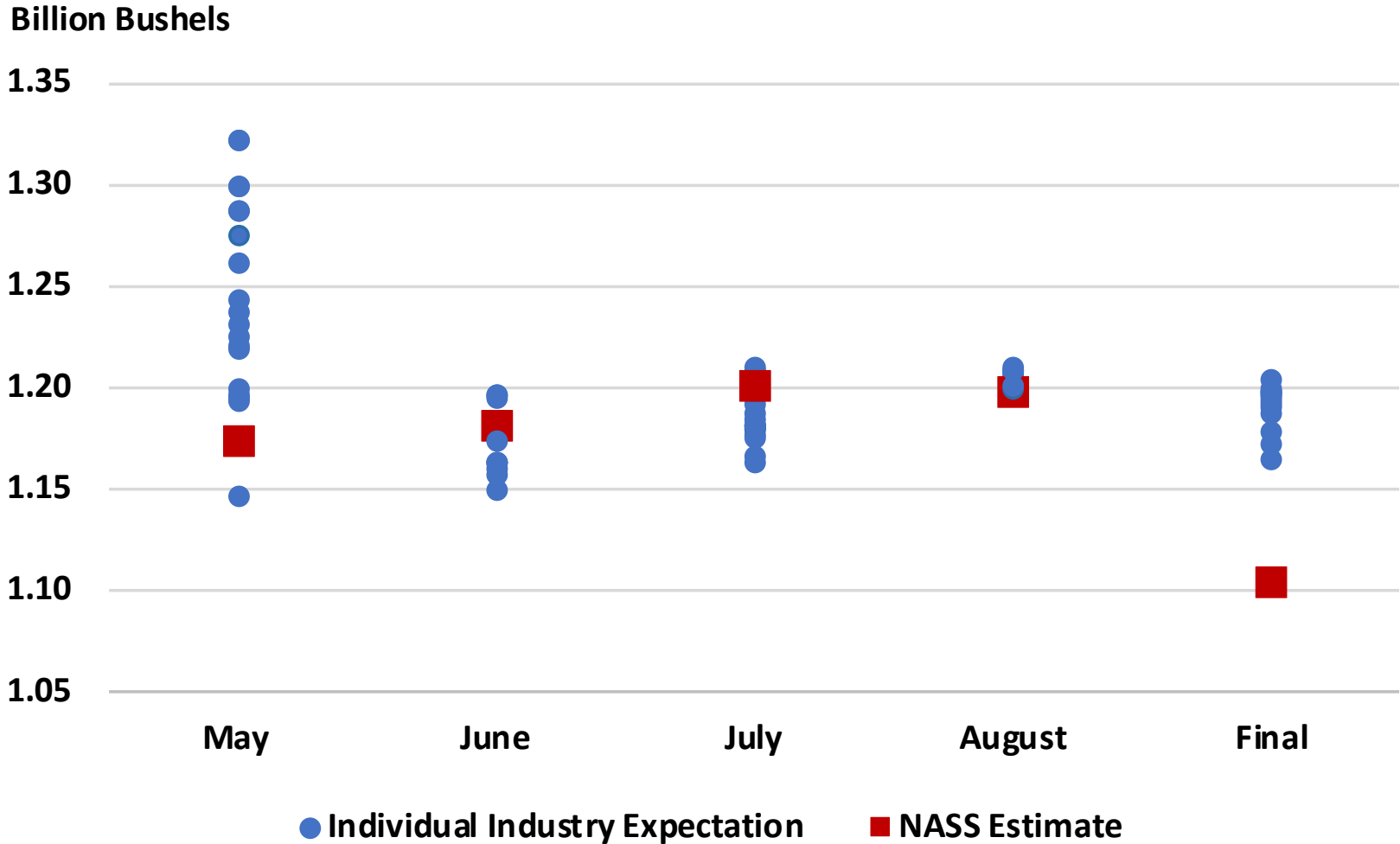
Billion Bushels





2022 U.S. Winter Wheat Production

Industry Expectations vs NASS





2022 Other Spring Wheat Acreage, Yield, and Production

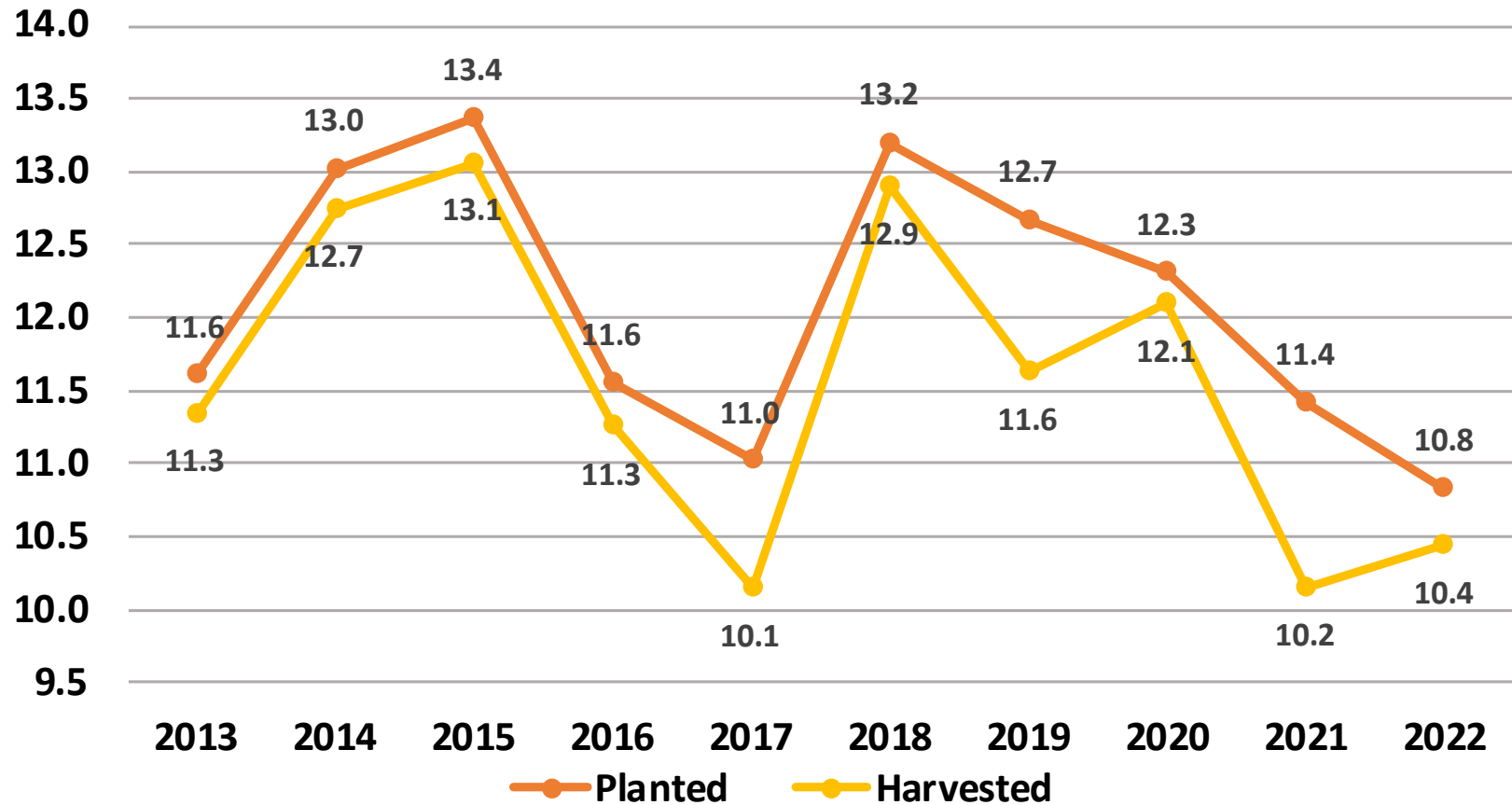
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	10,835	10,440	46.2	482,190
% Change from Previous Estimate	↓ 2.5	↓ 2.5	↓ 3.3	↓ 5.8
% Change from Previous Season	↓ 5.1	↑ 2.8	↑ 41.7	↑ 45.7

	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
North Dakota	5,300	↓ 3.6	5,260	↑ 1.0	50.0	↑ 49.3	263,000	↑ 50.7
Minnesota	1,250	↑ 3.3	1,210	↑ 4.3	61.0	↑ 27.1	73,810	↑ 32.6
Montana	2,700	↓ 6.9	2,440	↑ 11.9	25.0	↑ 47.1	61,000	↑ 64.6
South Dakota	730	↑ 1.4	700	↑ 20.7	48.0	↑ 65.5	33,600	↑ 99.8
Idaho	380	↓ 25.5	360	↓ 25.8	81.0	↑ 28.6	29,160	↓ 4.6

Other Spring Wheat Acres

United States

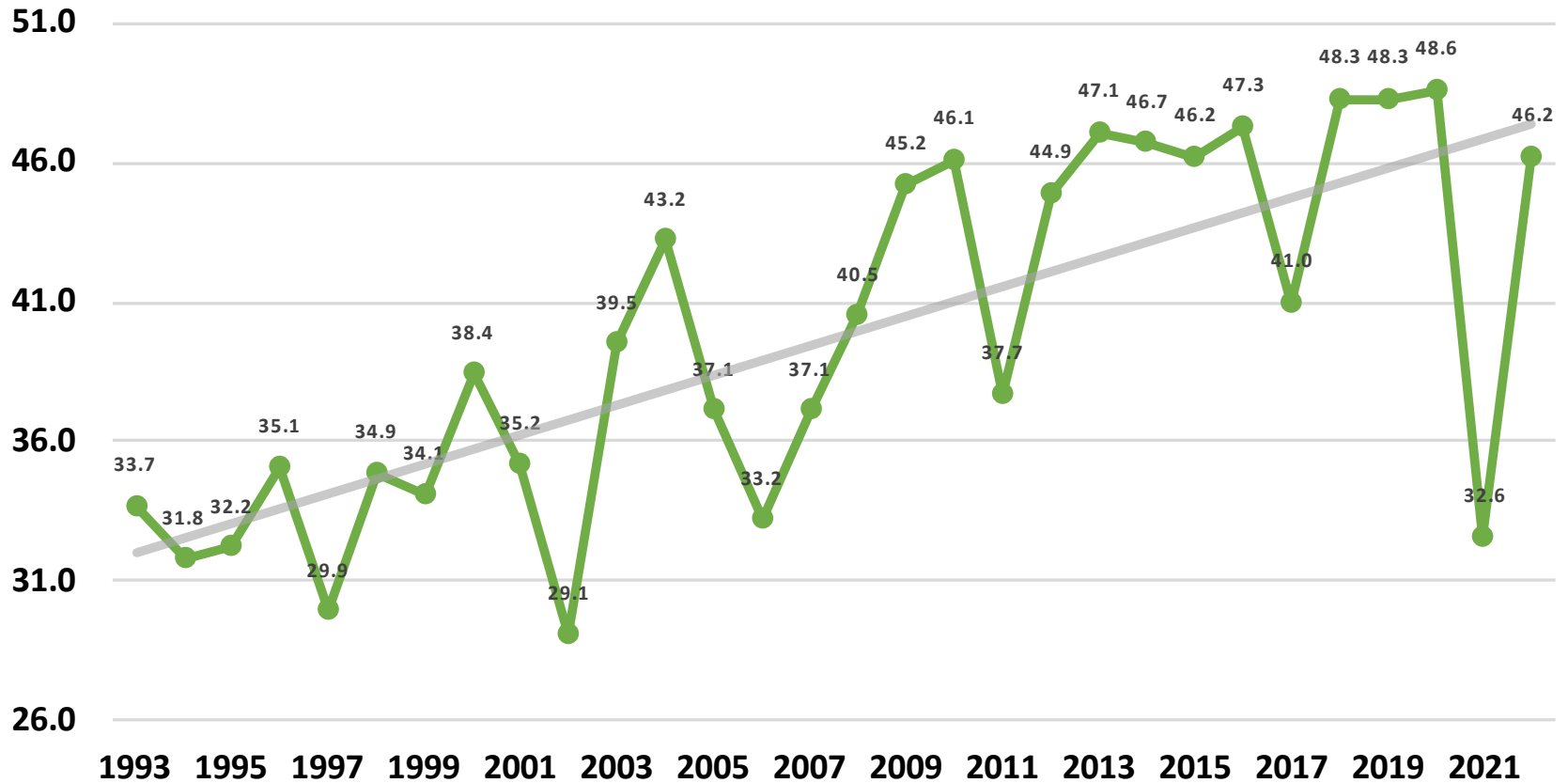
Million Acres





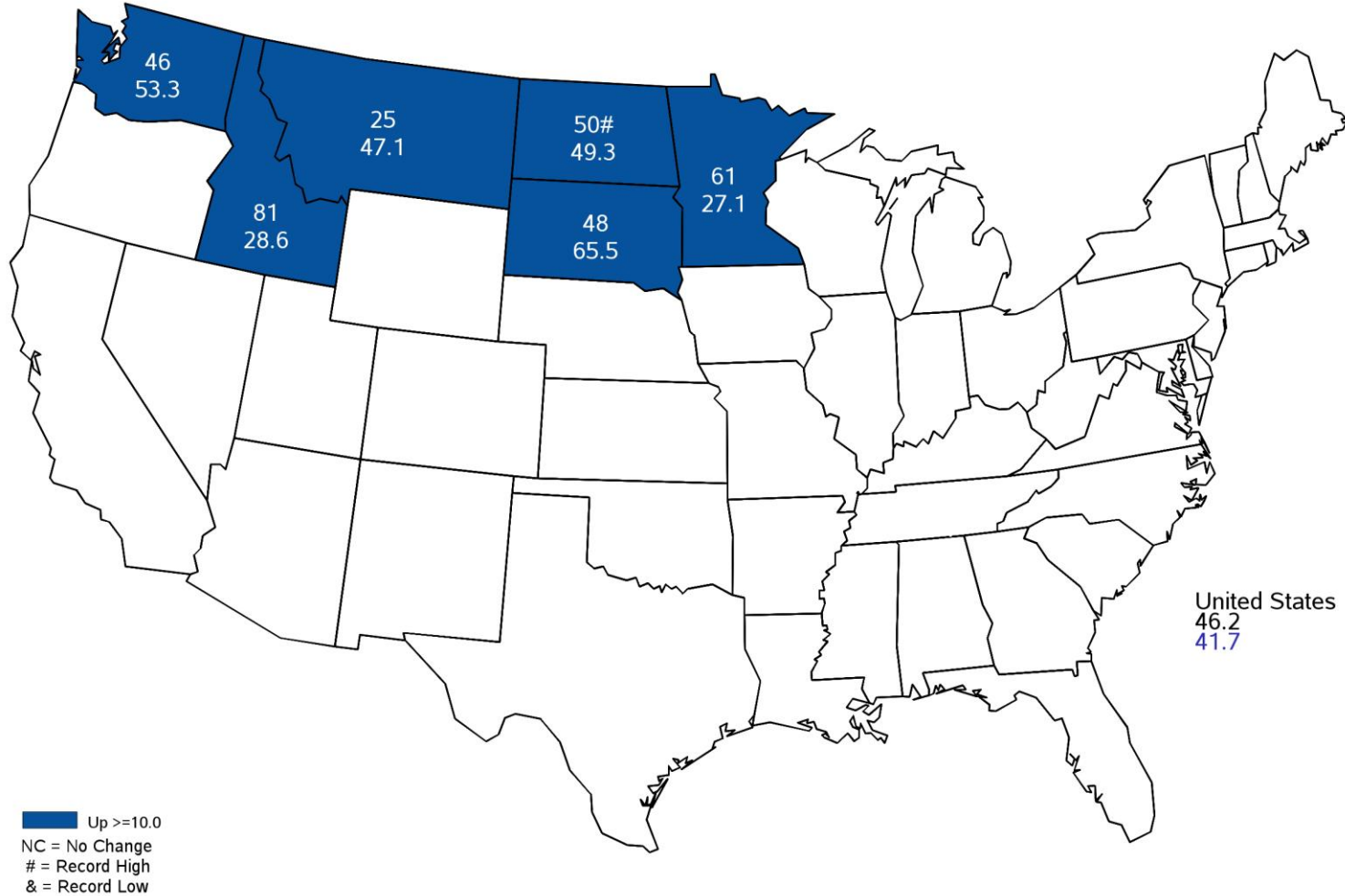
Other Spring Wheat Yield United States

Bushels per Acre



2022 Other Spring Wheat Yield

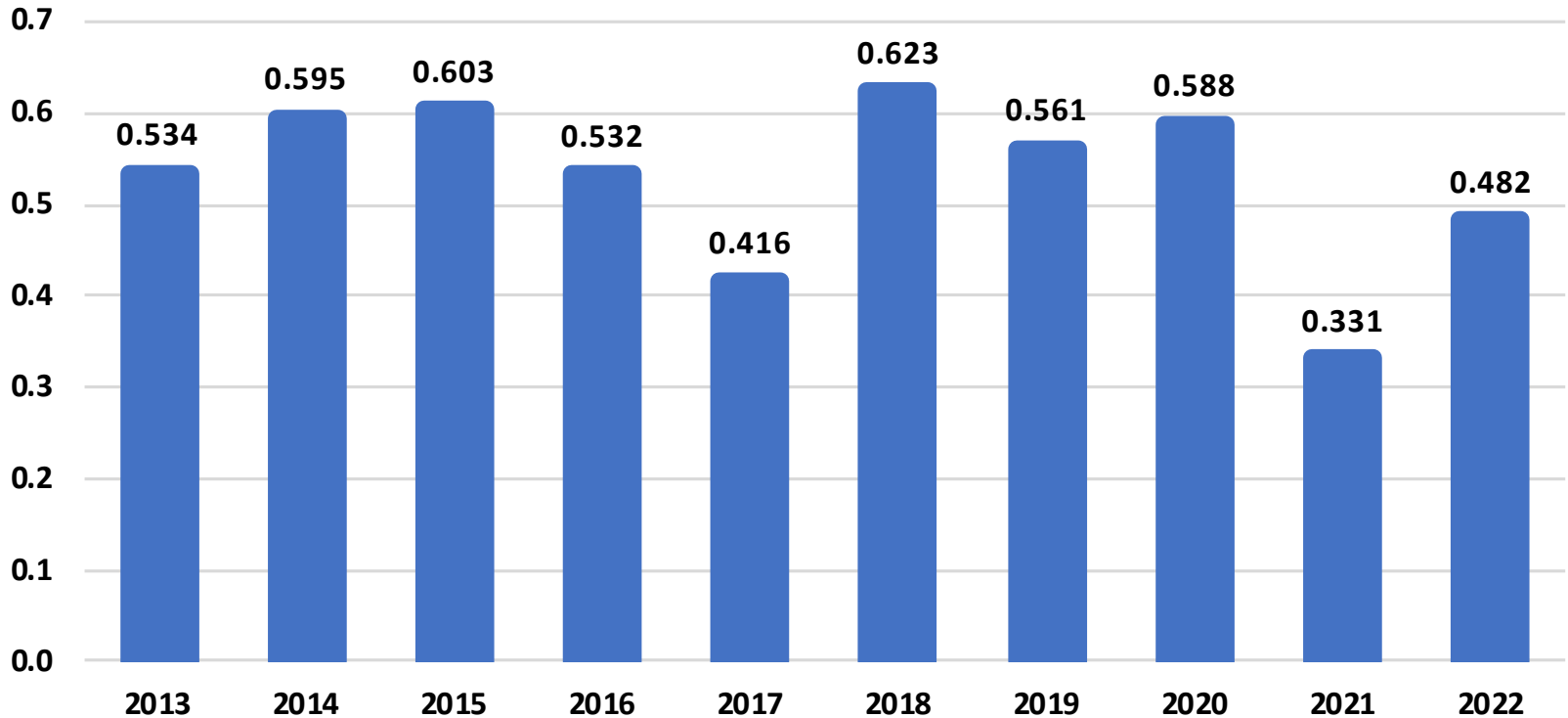
Bushels and Percent Change from Previous Year



Other Spring Wheat Production

United States

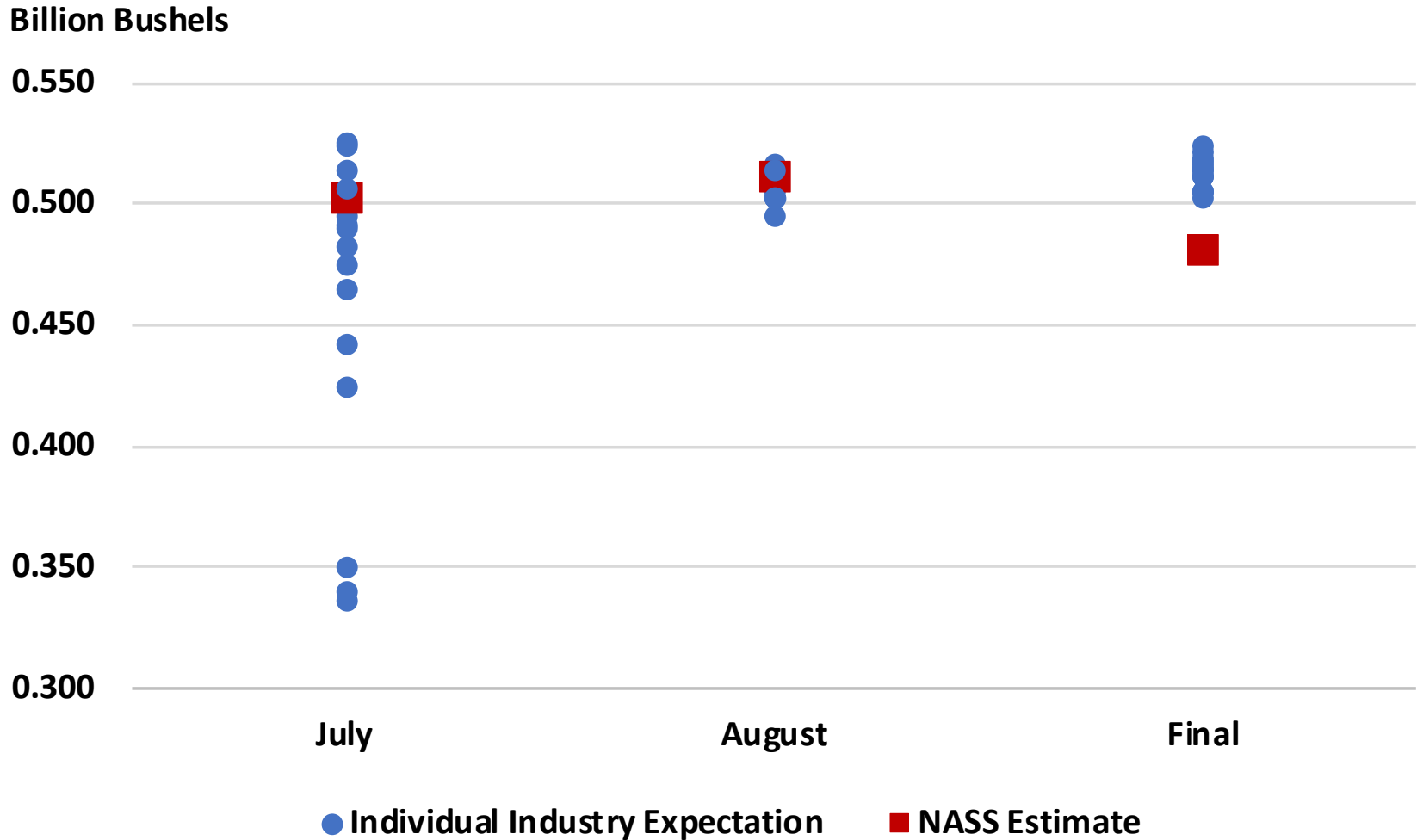
Billion Bushels





2022 U.S. Other Spring Wheat Production

Industry Expectations vs NASS





2022 Durum Wheat

Acreage, Yield, and Production

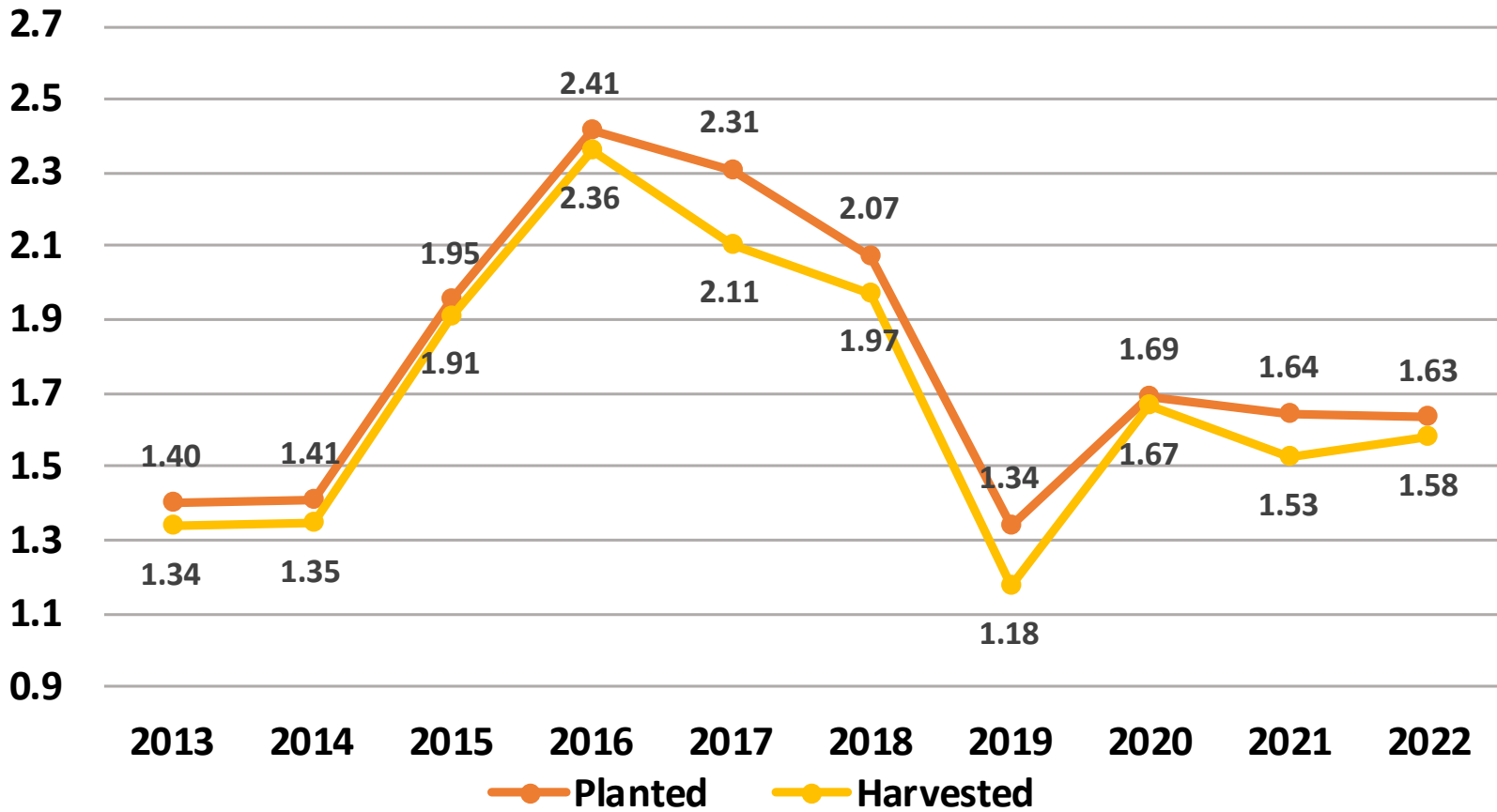
	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
United States	1,632	1,581	40.5	63,981
% Change from Previous Estimate	↓ 13.0	↓ 13.1	↑ 0.2	↓ 13.0
% Change from Previous Season	↓ 0.6	↑ 3.6	↑ 64.0	↑ 69.9

	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
North Dakota	790	↓ 10.2	780	↓ 4.9	40.0	↑ 66.7	31,200	↑ 58.5
Montana	710	↑ 6.0	675	↑ 8.9	28.0	↑ 75.0	18,900	↑ 90.5
Arizona	85	↑ 41.7	84	↑ 42.4	114.0	↑ 26.7	9,576	↑ 80.3
California	40	↑ 60.0	35	↑ 75.0	110.0	NC	3,850	↑ 75.0
Idaho	7	NC	7	NC	65.0	↓ 15.6	455	↓ 15.6

Durum Wheat Acres

United States

Million Acres

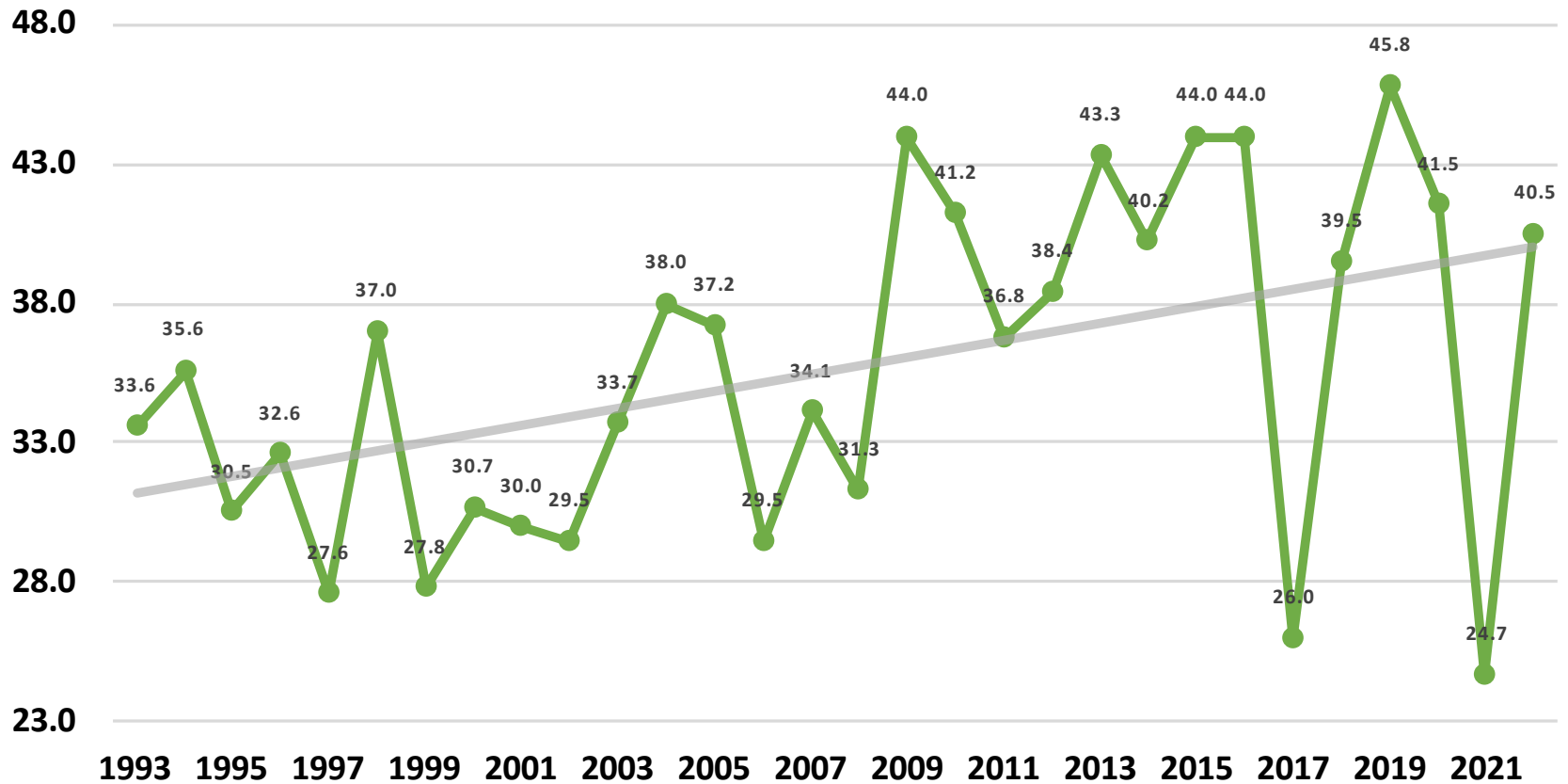




Durum Wheat Yield

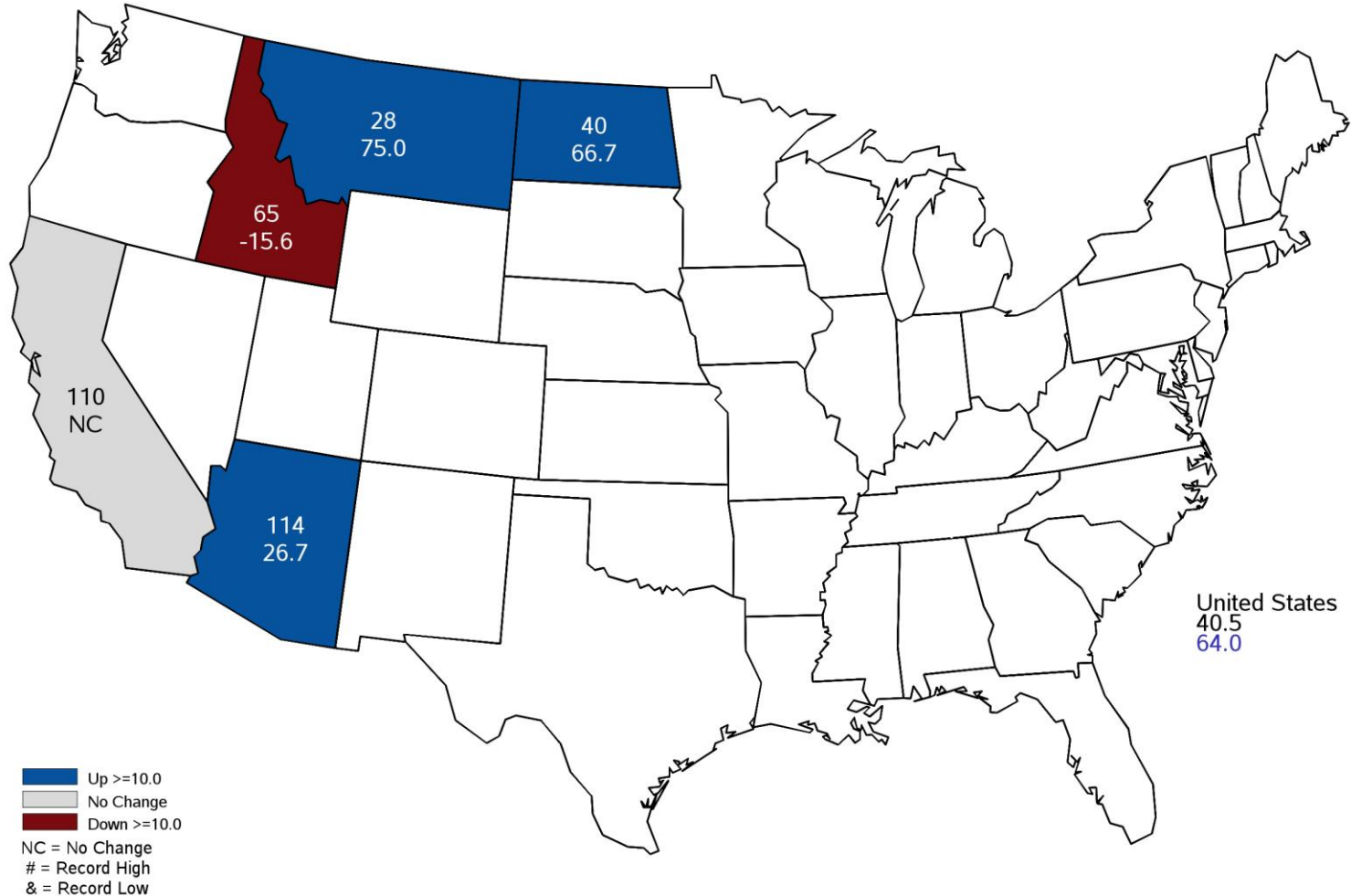
United States

Bushels per Acre



2022 Durum Wheat Yield

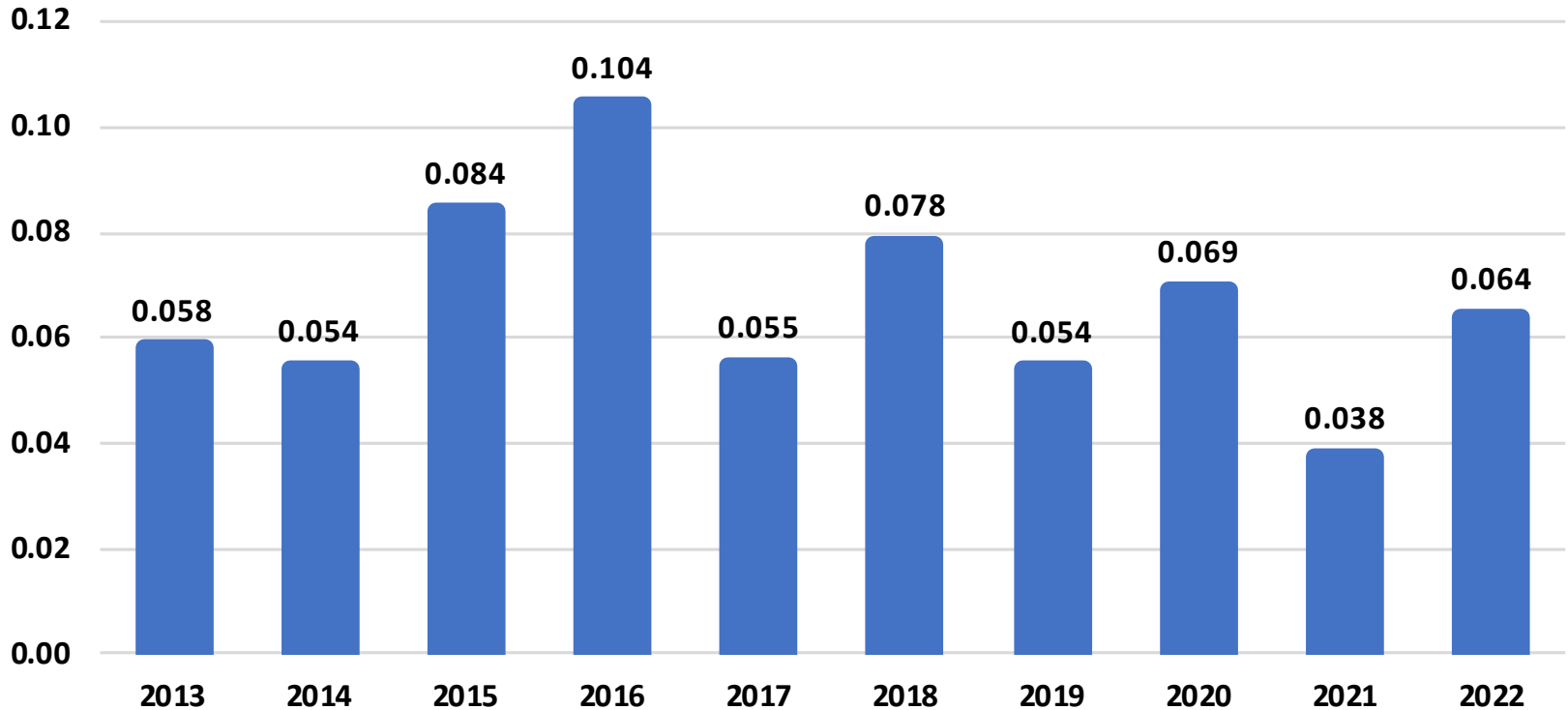
Pounds and Percent Change from Previous Year



Durum Wheat Production

United States

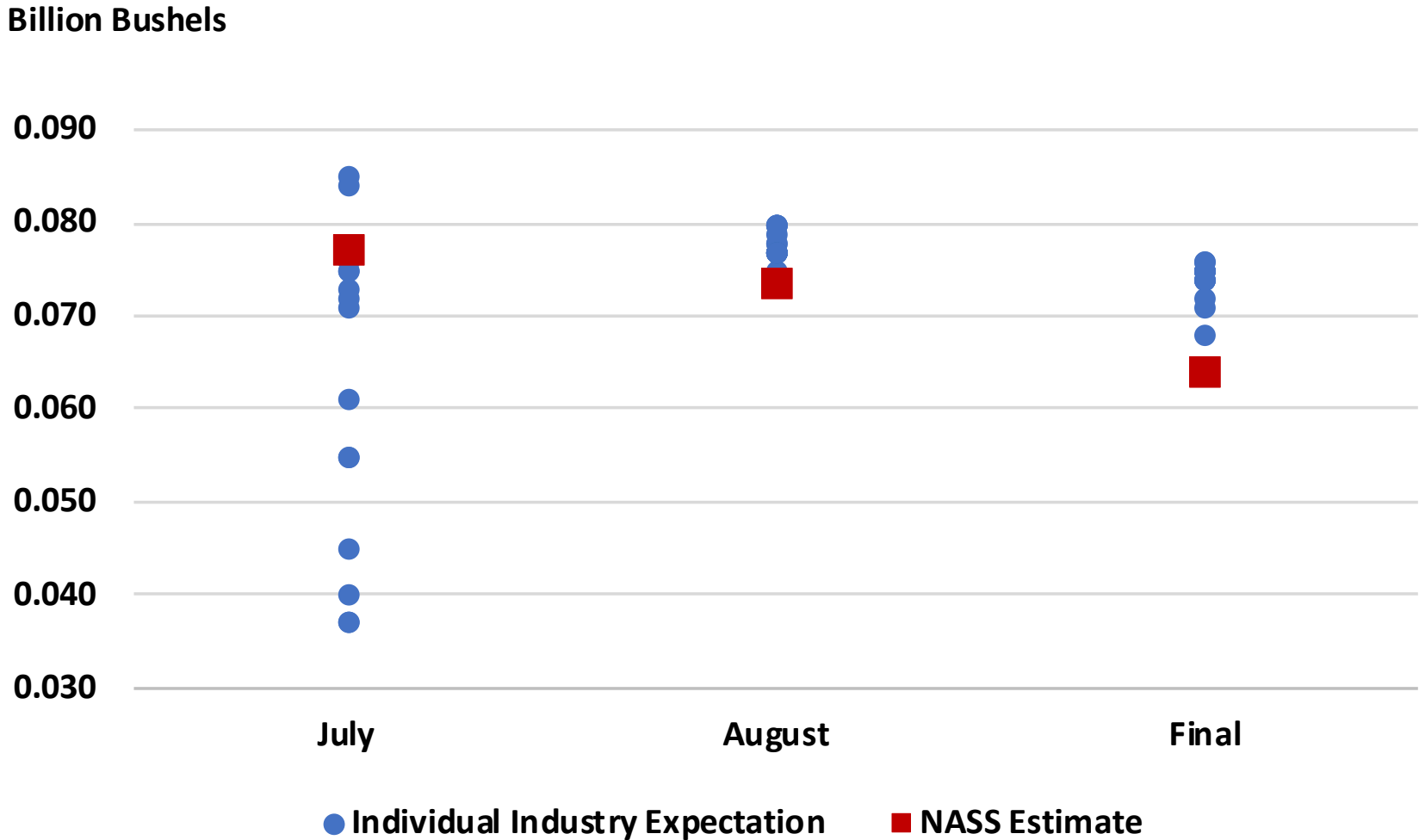
Billion Bushels





2022 U.S. Durum Wheat Production

Industry Expectations vs NASS





2022 Small Grains

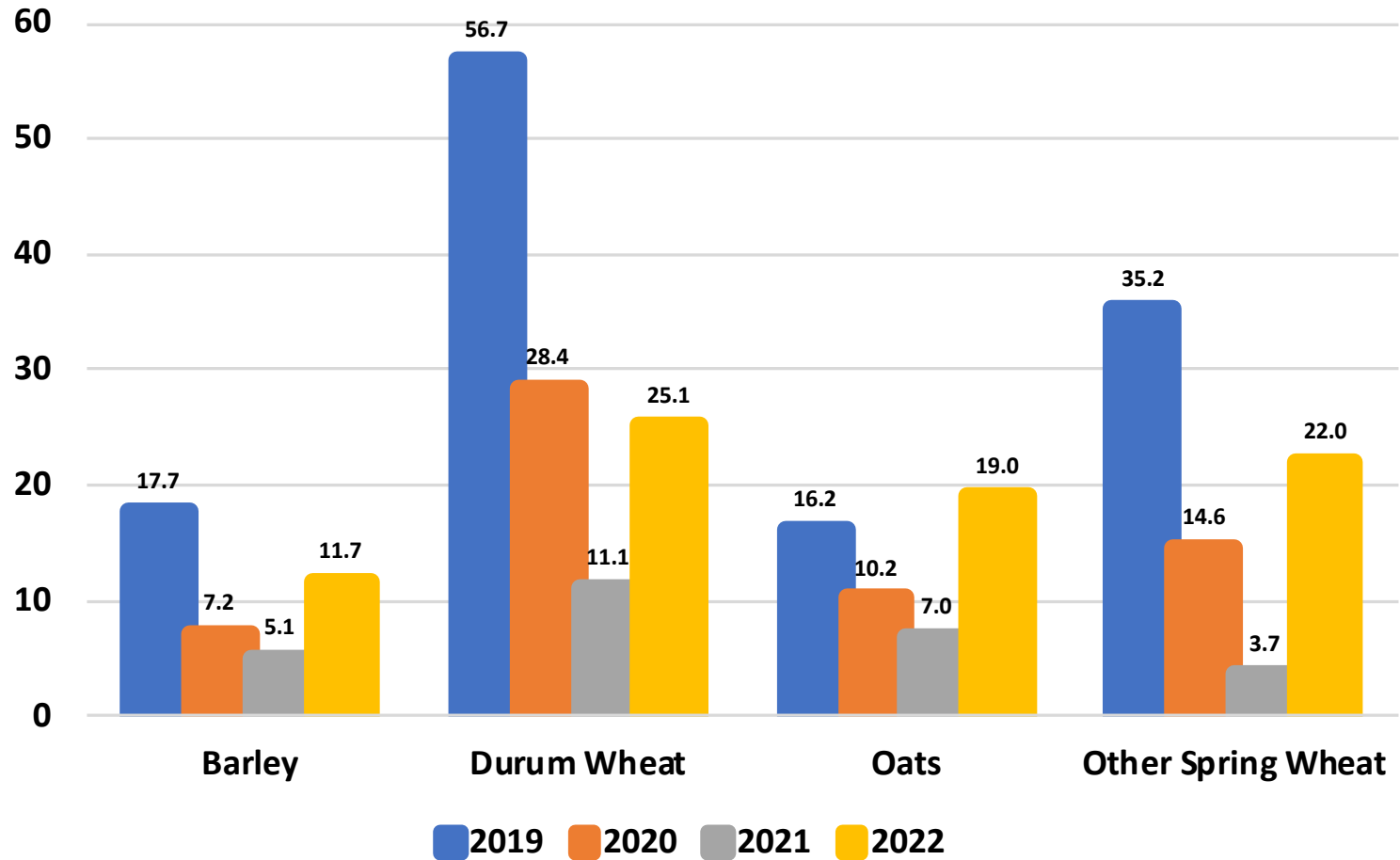
Acres, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
Barley	2,945	2,433	71.7	Bu	174,333	Bu
% Change from Previous Estimate	↓ 2.7	↑ 2.2	↑ 8.1		↑ 10.4	
% Change from Previous Season	↑ 8.8	↑ 22.3	↑ 18.9		↑ 45.2	
Oats	2,581	890	64.8	Bu	57,655	Bu
% Change from Previous Estimate	↑ 7.9	↑ 11.8	↓ 2.0		↑ 9.7	
% Change from Previous Season	↑ 1.2	↑ 36.9	↑ 5.7		↑ 44.7	
Rye	2,175	341	36.1	Bu	12,301	Bu
% Change from Previous Estimate	↑ 0.2	↓ 1.2	N/A		N/A	
% Change from Previous Season	↑ 2.0	↑ 16.0	↑ 8.1		↑ 25.4	

Small Grains

U.S. Percent of Acres Remaining to be Harvested

Percent



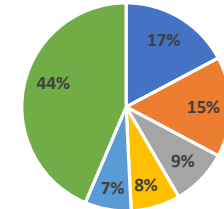


September 2022 All Wheat Stocks



	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
United States	1,776,080	591,130	1,184,950
% Change from Previous Season	↑ 0.1	↑ 41.0	↓ 12.5

September 1, 2022 All Wheat Total Stocks By State

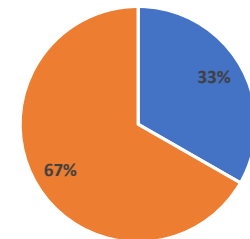


- Kansas
- North Dakota
- Washington
- Oklahoma
- Montana
- Other

Top 5 States - By Total Stocks

	September 1 Total		September 1 On-Farm		September 1 Off-Farm	
	(1,000 Bu)	% Δ PY	(1,000 Bu)	% Δ PY	(1,000 Bu)	% Δ PY
Kansas	305,810	↓ 24.6	30,500	↑ 15.1	275,310	↓ 27.4
North Dakota	276,387	↑ 39.6	210,000	↑ 112.1	66,387	↓ 32.9
Washington	156,408	↑ 37.5	20,500	↑ 86.4	135,908	↑ 32.3
Oklahoma	135,766	↑ 6.9	7,000	↓ 41.7	128,766	↑ 11.9
Montana	127,346	↑ 20.7	94,000	↑ 32.4	33,346	↓ 3.5

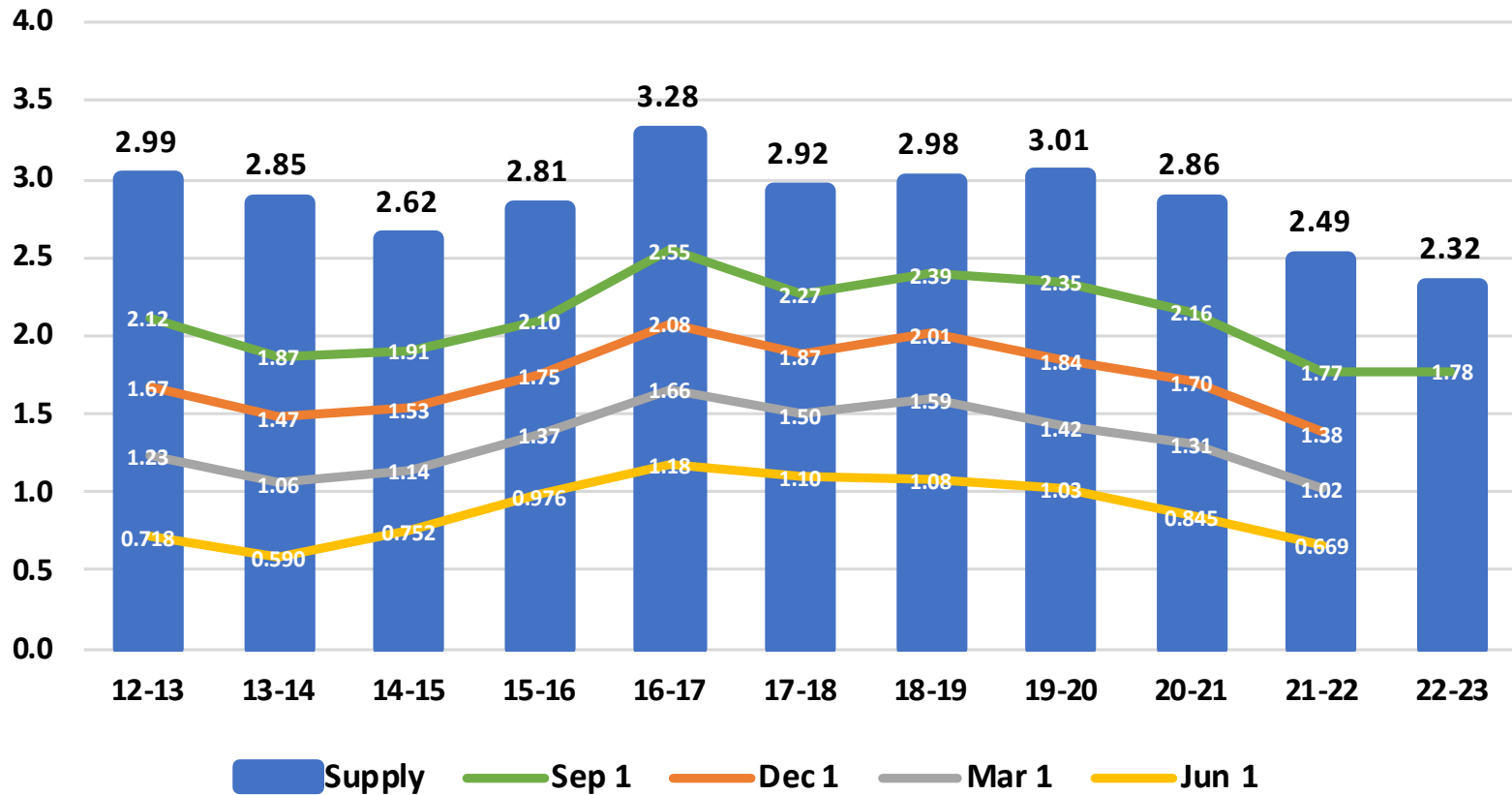
September 1, 2022 All Wheat Stocks By Position



- On-Farm
- Off-Farm

September 2022 All Wheat Stocks United States

Billion Bushels





2021 U.S. All Wheat Stocks

Industry Expectations vs NASS



Billion Bushels



September

● Individual Industry Expectation ■ NASS Estimate

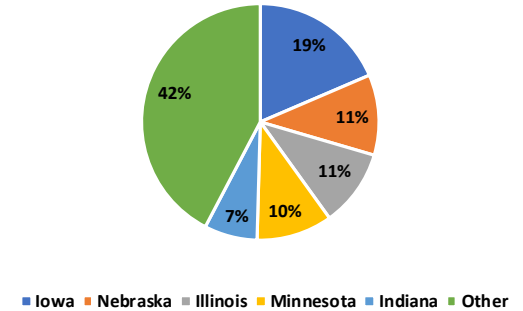


September 2022 Corn Stocks



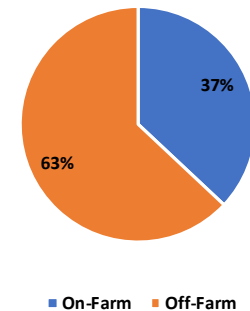
	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
United States	1,376,921	509,500	867,421
% Change from Previous Season	↑ 11.5	↑ 29.0	↑ 3.3

September 1, 2022 Corn Total Stocks By State

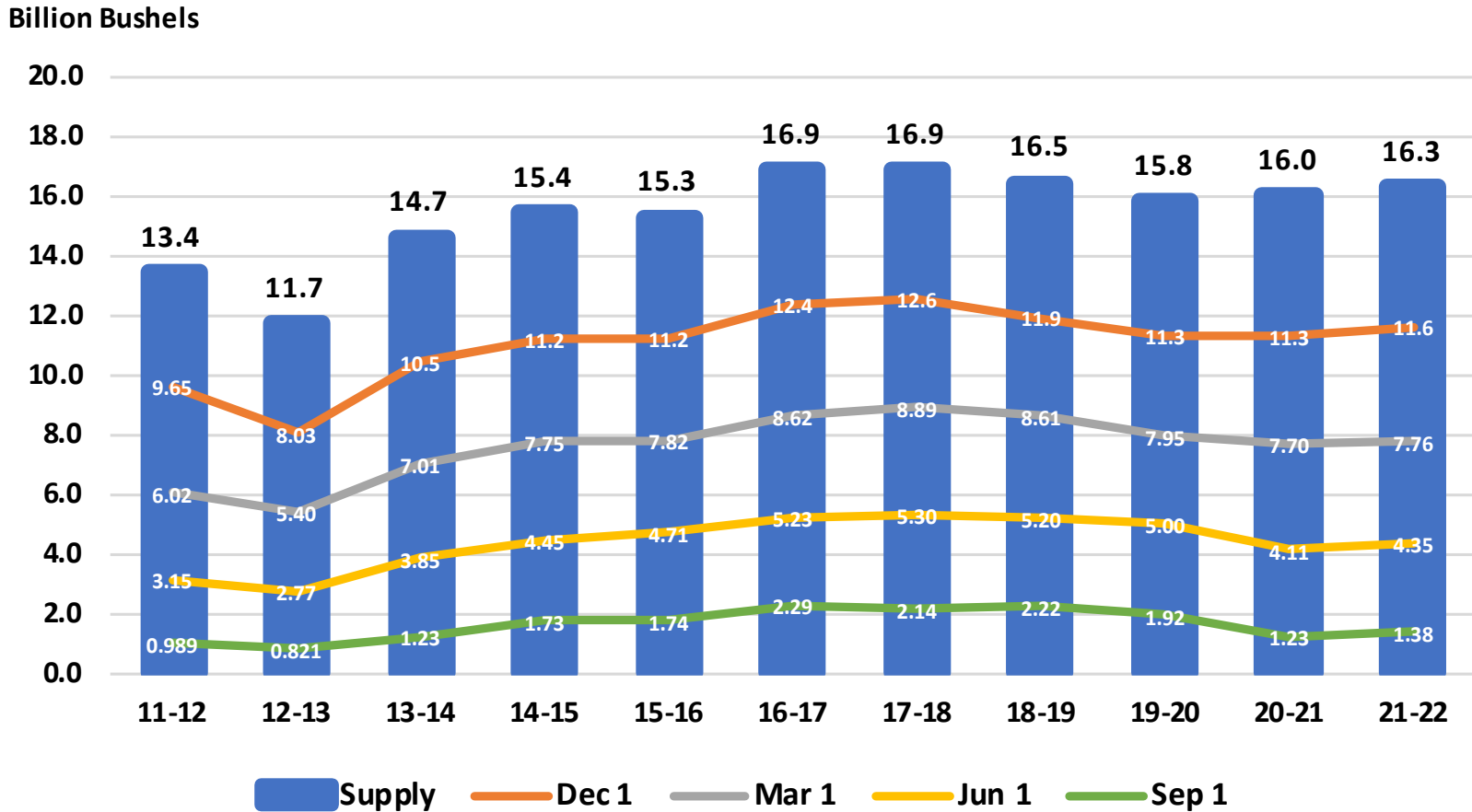


	Top 5 States - By Total Stocks					
	September 1 Total (1,000 Bu)		September 1 On-Farm (1,000 Bu)		September 1 Off-Farm (1,000 Bu)	
		% Δ PY		% Δ PY		% Δ PY
Iowa	255,256	↑ 1.3	95,000	↑ 72.7	160,256	↓ 18.6
Nebraska	151,530	↓ 7.1	51,000	↑ 7.4	100,530	↓ 13.0
Illinois	145,403	↑ 13.8	48,000	↑ 9.1	97,403	↑ 16.2
Minnesota	142,337	↑ 31.7	70,000	↑ 66.7	72,337	↑ 9.4
Indiana	99,530	↑ 36.5	41,000	↑ 64.0	58,530	↑ 22.1

September 1, 2022 Corn Stocks By Position



September 2022 Corn Stocks United States



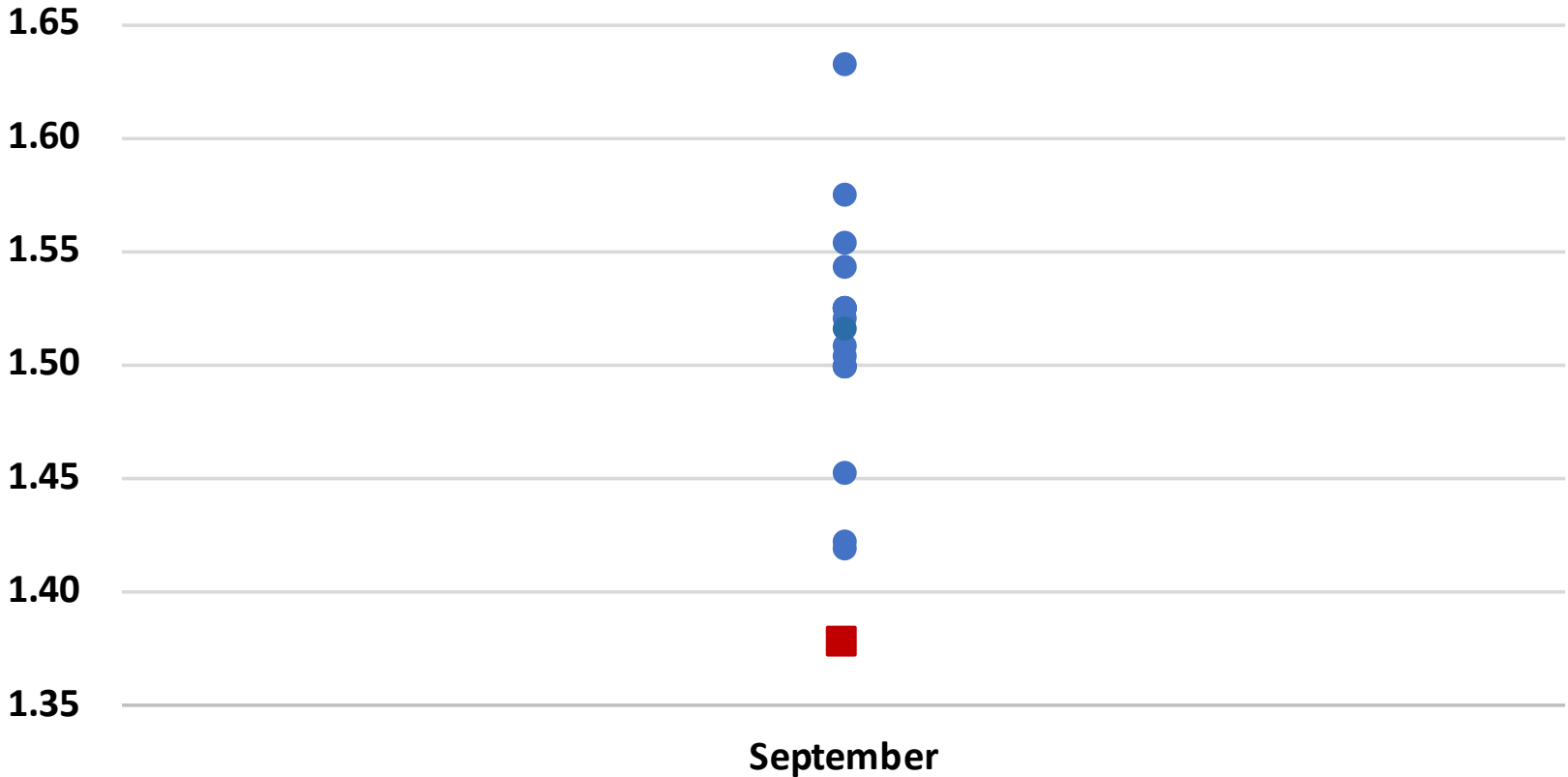


2021 U.S. Corn Stocks

Industry Expectations vs NASS



Billion Bushels



● Individual Industry Expectation ■ NASS Estimate



2021 U.S. Corn Crop Balance Sheet



	Previous Estimates (Million Bushels)	September 30 Estimates (Million Bushels)	Change (Million Bushels)	
Sept. 1, 2021 Beginning Stocks	1,235	1,235		NC
2021 Production	15,115	15,074	↓	41
Imports	25 *	25 *		NC
Total Supply	16,375	16,333	↓	41
Exports	2,475 *	2,475 *		NC
Food, Seed, and Industrial	6,775 *	6,775 *		NC
Measured Disappearance	9,250 *	9,250 *		NC
Ending Stocks	1,525 *	1,377	↓	148
Residual	5,600 *	5,706	↑	107

* WAOB Forecast - September WASDE Report

Note: Totals may not add due to rounding.

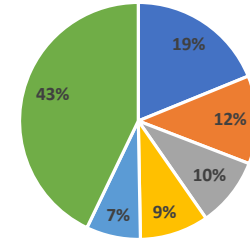


September 2022 Soybeans Stocks



	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
United States	273,756	62,930	210,826
% Change from Previous Season	↑ 6.5	↓ 7.6	↑ 11.6

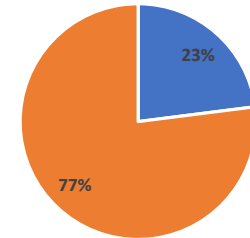
September 1, 2022 Soybean Total Stocks By State



■ Iowa ■ Illinois ■ Minnesota ■ Indiana ■ 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	51,548	↑ 22.5	11,000	↑ 4.8	40,548	↑ 28.3
Illinois	32,942	↓ 9.1	8,400	↓ 16.0	24,542	↓ 6.5
Minnesota	25,936	↓ 8.5	9,800	↑ 11.4	16,136	↓ 17.4
Indiana	25,675	↑ 26.4	7,300	↑ 55.3	18,375	↑ 17.6
Nebraska	20,286	↓ 13.1	3,500	↓ 58.3	16,786	↑ 12.4

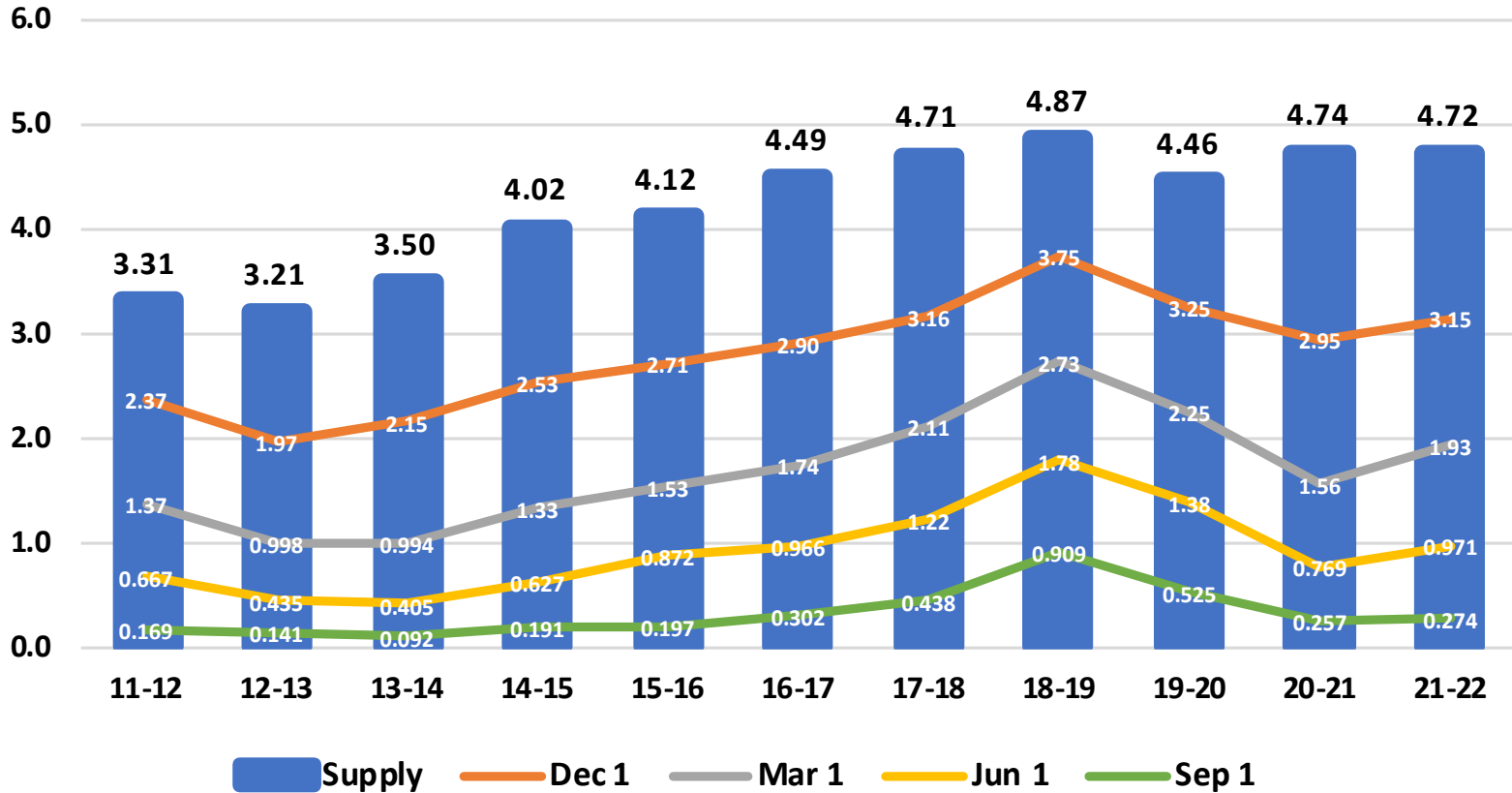
September 1, 2022 Soybean Stocks By Position



■ On-Farm ■ Off-Farm

September 2022 Soybean Stocks United States

Billion Bushels



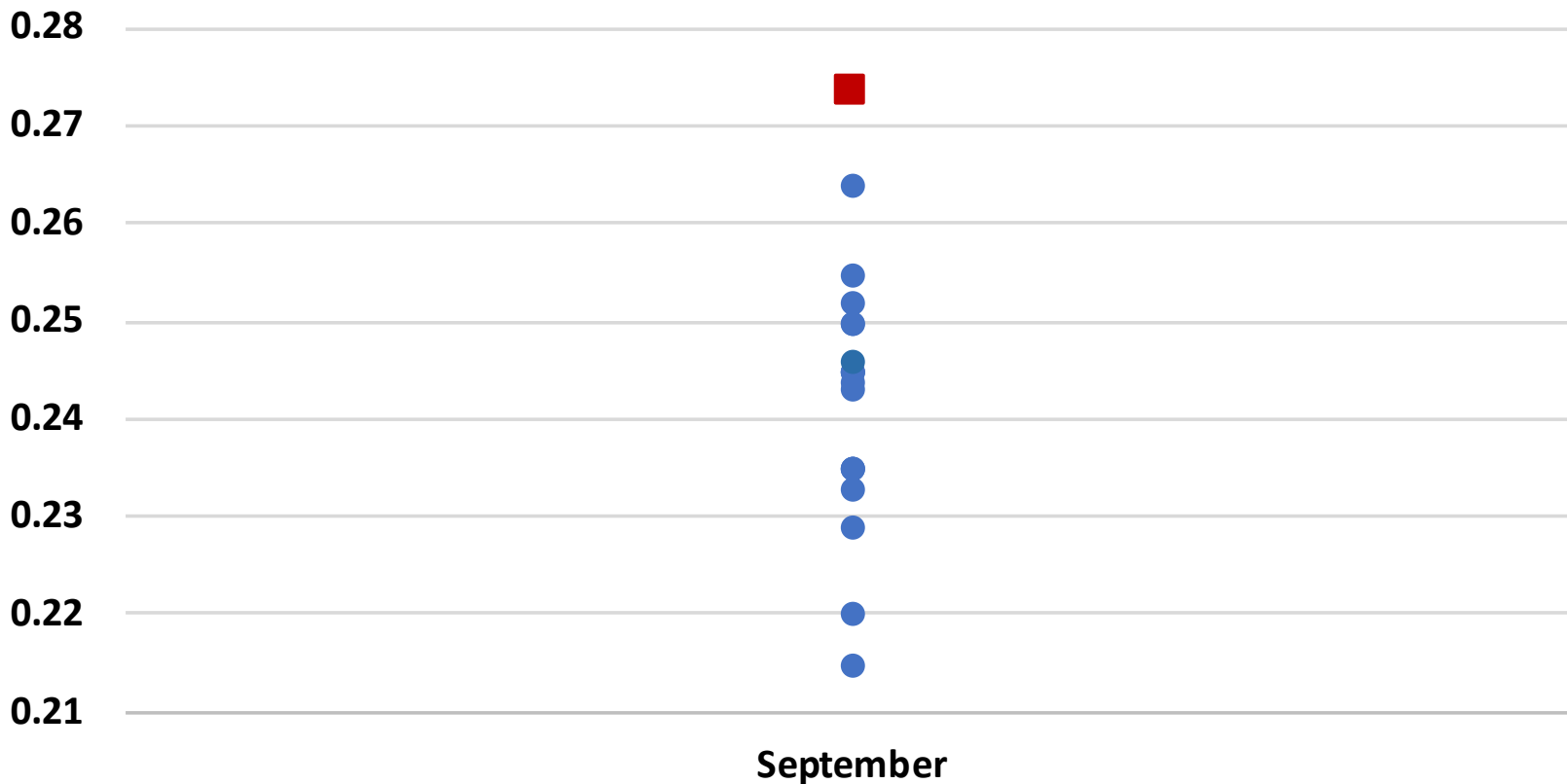


2021 U.S. Soybean Stocks

Industry Expectations vs NASS



Billion Bushels



● Individual Industry Expectation ■ NASS Estimate



2021 U.S. Soybean Crop Balance Sheet



	Previous Estimates (Million Bushels)	September 30 Estimates (Million Bushels)	Change (Million Bushels)	
Sept. 1, 2021 Beginning Stocks	257	257		NC
2021 Production	4,435	4,465	↑	30
Imports	15 *	15 *		NC
Total Supply	4,707	4,737	↑	30
Crushings	2,205 *	2,205 *		NC
Exports	2,145 *	2,145 *		NC
Seed	102 *	102 *		NC
Measured Disappearance	4,452 *	4,452 *		NC
Ending Stocks	240 *	274	↑	34
Residual	15 *	12	↓	4

* WAOB Forecast - September WASDE Report

Note: Totals may not add due to rounding.



September 2022

Stocks



	Unit	September 1 Total (1,000 Units)	September 1 On-Farm (1,000 Units)	September 1 Off-Farm (1,000 Units)
Barley	Bushels	165,427	121,170	44,257
% Change from Previous Year		↑ 22.2	↑ 56.0	↓ 23.3
Durum Wheat	Bushels	53,915	31,500	22,415
% Change from Previous Year		↑ 17.2	↑ 50.0	↓ 10.4
Oats	Bushels	62,591	41,650	20,941
% Change from Previous Year		↑ 0.9	↑ 29.5	↓ 30.0
Sorghum	Bushels	53,236	2,460	50,776
% Change from Previous Year		↑ 162.0	↑ 318.4	↑ 157.4
Sunflower	Pounds	294,836	45,516	249,320
% Change from Previous Year		↓ 25.3	↓ 33.2	↓ 23.6



Selected Upcoming Reports



October 3	Cotton System Fats & Oils Grain Crushings
October 12	Cotton Ginnings Crop Production
October 21	Cattle on Feed Cotton Ginnings Rice Stocks
October 31	Agricultural Prices

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




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FRI, SEPT. 30 @ 1PM ET

Tweet questions in advance to @usda_nass.





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