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# **Small Grains Summary**

## **Grain Stocks**

### **Agricultural Statistics Board Briefing**

**Patrick Boyle, 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 revisions in acreage, yield, and production for the 2023 crop.

Nationally, corn production for 2023 is revised down 1.08 million bushels and soybean production is revised down 2.62 million bushels from the previous estimate.



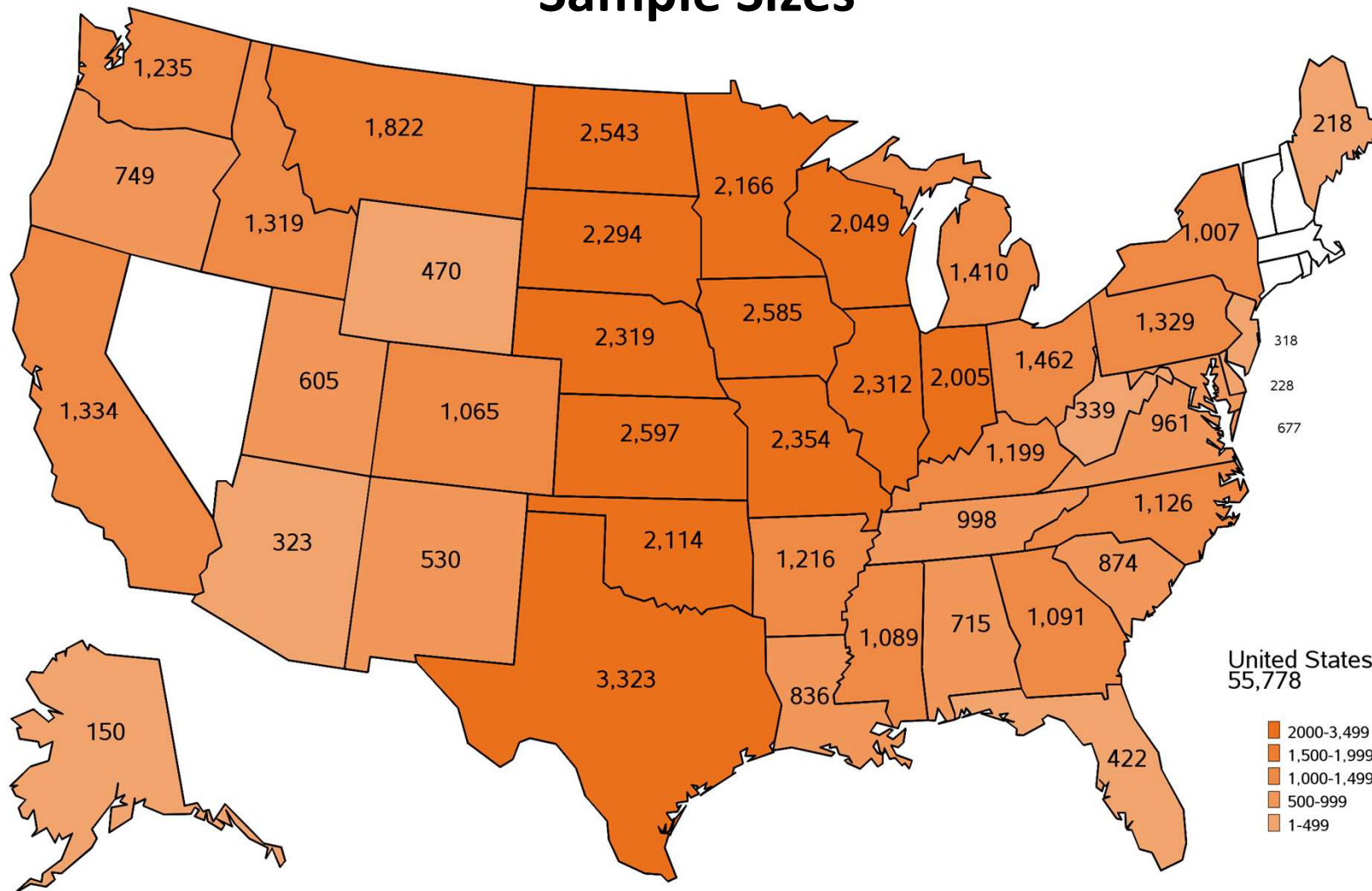
# Data Sources



<b>Operator Reported Surveys</b>	September Ag Survey	Sample Size = 55,778	August 30 - September 17
	Off-Farm Grain Stocks	~8,000 Facilities	August 31 - September 18
<b>Field Survey</b>	Objective Yield Winter Wheat	Sample Size = 1,155	Prior to Harvest
<b>FSA Certified Acres</b>	Farm Service Agency policy requires that producers participating in several programs submit an annual report regarding all cropland use on their farms.		
<b>FSA and RMA Failed Acres</b>	Acres reported as "failed" to either the Farm Service Agency (FSA) or the Risk Management Agency (RMA) are considered minimum levels of abandonment.		

# September 2024 Ag Survey

## Sample Sizes





# 2024 Winter Wheat

## Acreage, Yield, and Production

	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
<b>United States</b>	<b>33,390</b>		<b>26,103</b>		<b>51.7</b>		<b>1,348,930</b>	
% Change from Previous Estimate	↓	0.3	↑	2.0	↓	2.8	↓	0.9
% Change from Previous Season	↓	9.0	↑	6.3	↑	2.2	↑	8.6

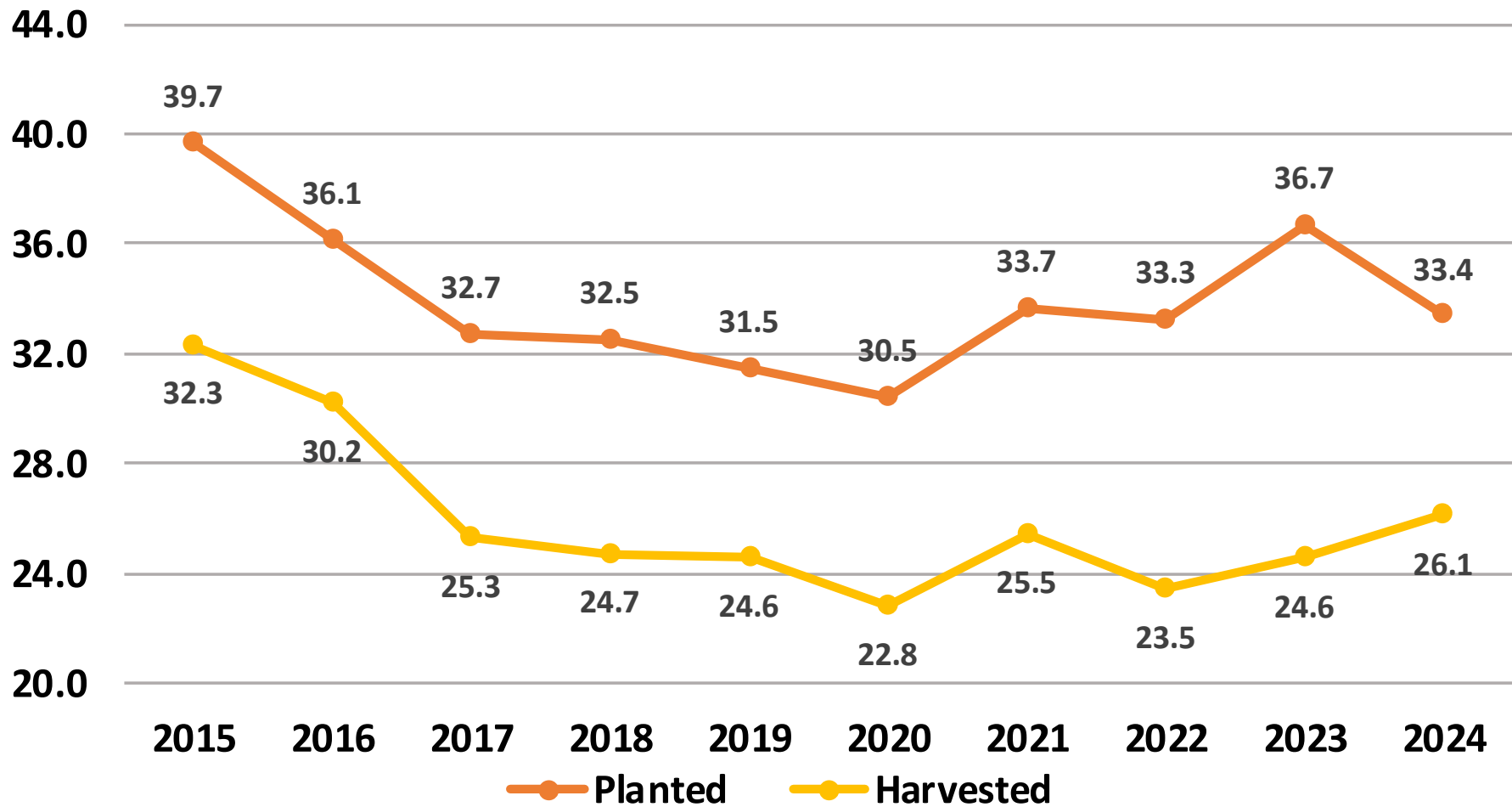
	Top 5 States - By Production							
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
		% Δ PY		% Δ PY		% Δ PY		% Δ PY
Kansas	7,600	↓ 6.2	7,150	↑ 24.3	43.0	↑ 22.9	307,450	↑ 52.8
Washington	1,800	NC	1,750	NC	70.0	↑ 29.6	122,500	↑ 29.6
Oklahoma	4,350	↓ 4.4	2,850	↑ 16.3	38.0	↑ 35.7	108,300	↑ 57.9
Montana	1,950	↑ 5.4	1,830	↑ 8.9	50.0	↓ 2.0	91,500	↑ 6.8
Texas	5,500	↓ 14.1	2,600	↑ 23.8	31.0	↓ 16.2	80,600	↑ 3.7



# Winter Wheat Acres

## United States

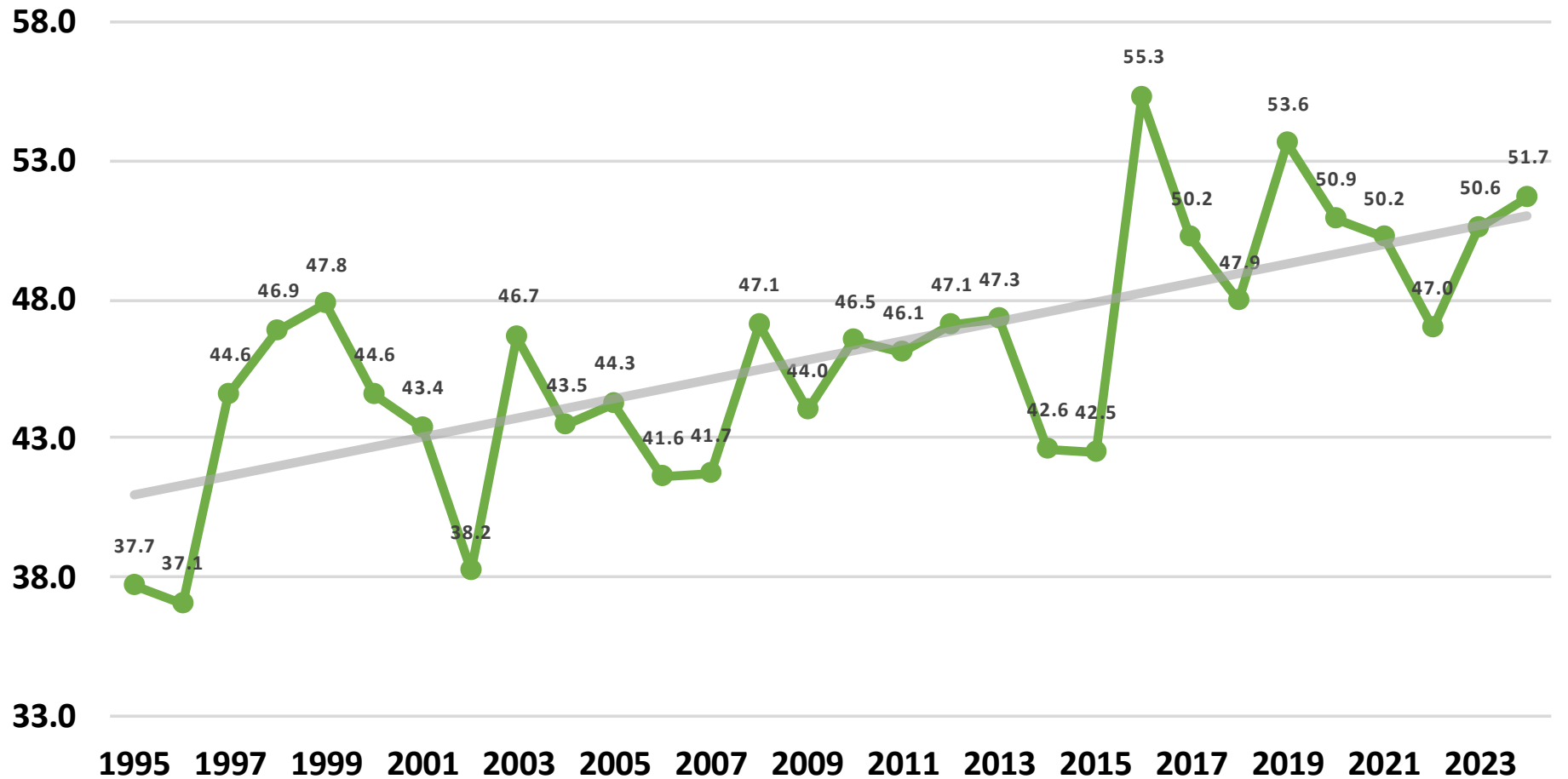
Million Acres





# Winter Wheat Yield United States

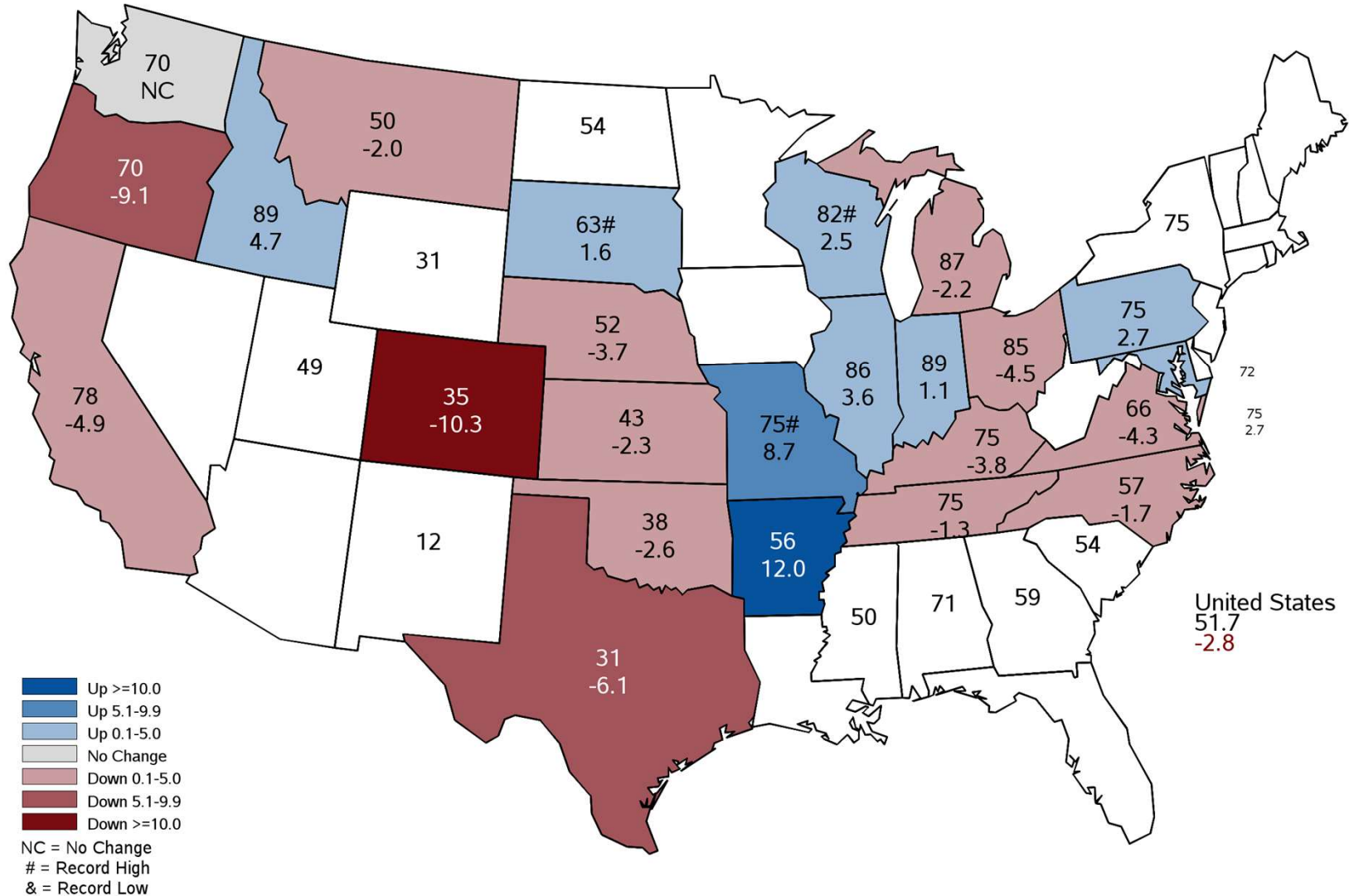
Bushels per Acre





# 2024 Winter Wheat Yield

## Bushels and Percent Change from Previous Estimate

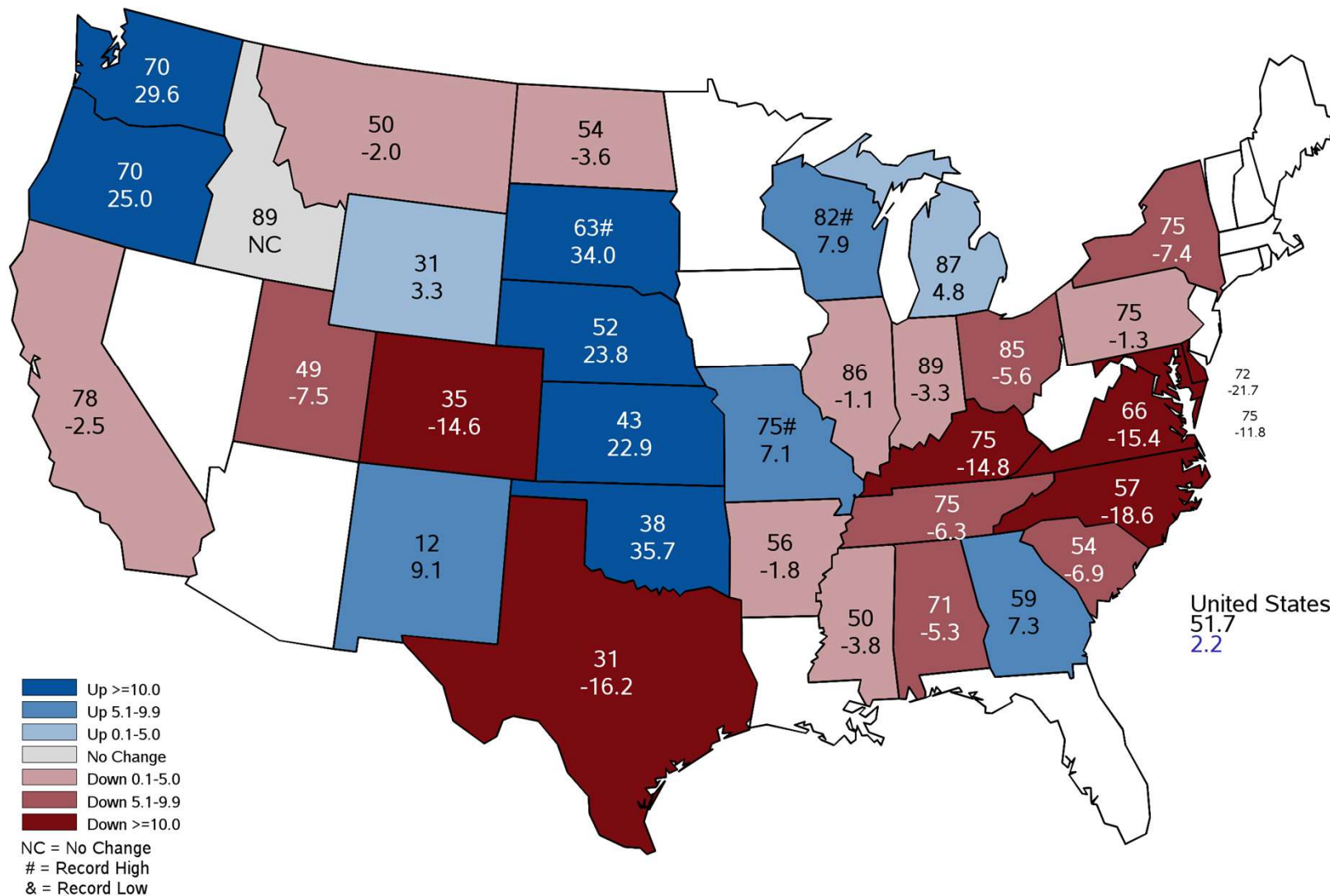


States with no change shown indicate no previous published estimate.



# 2024 Winter Wheat Yield

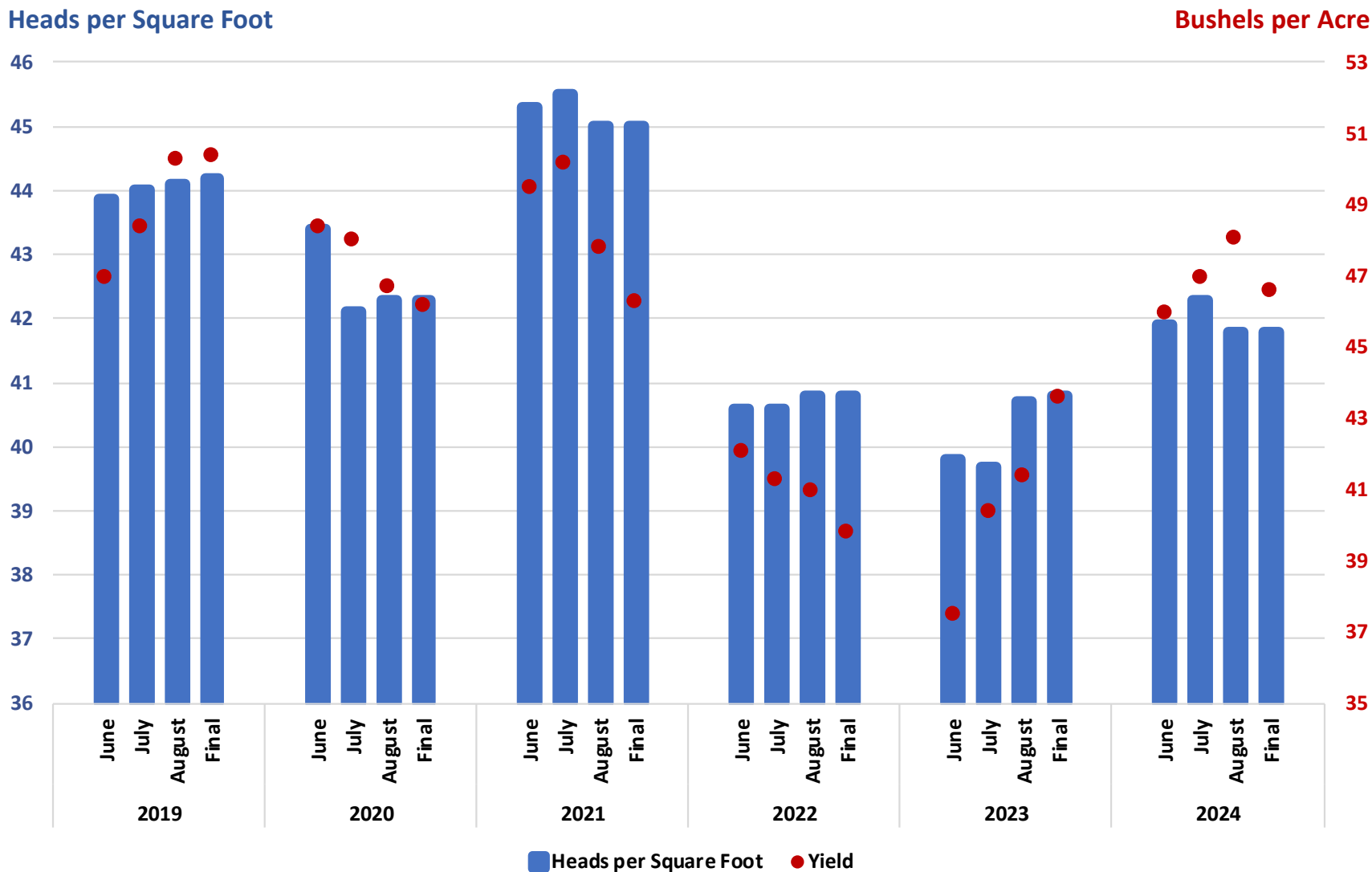
## Bushels and Percent Change from Previous Year





# 2024 Winter Wheat Objective Yield

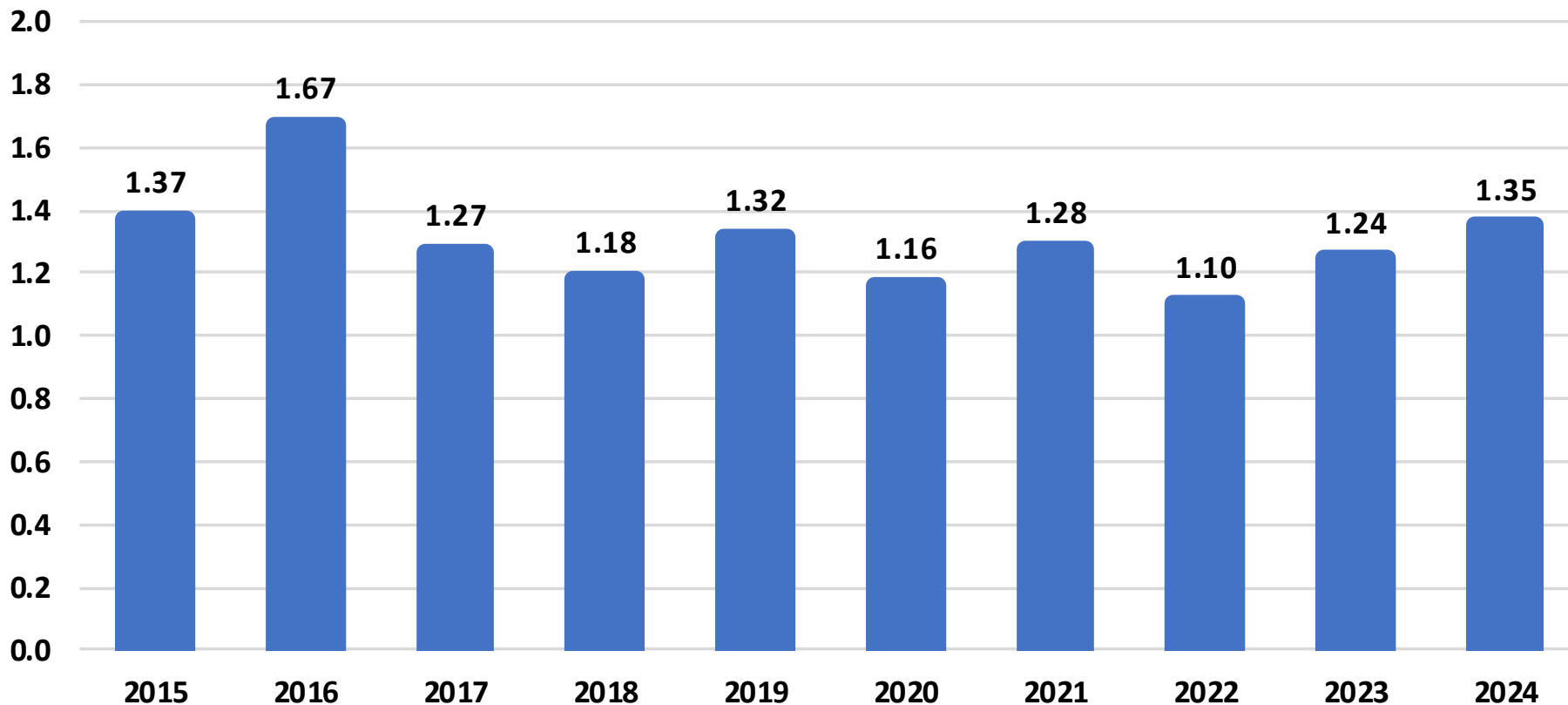
## Heads per Square Foot and Yield for 10 State Region





# Winter Wheat Production United States

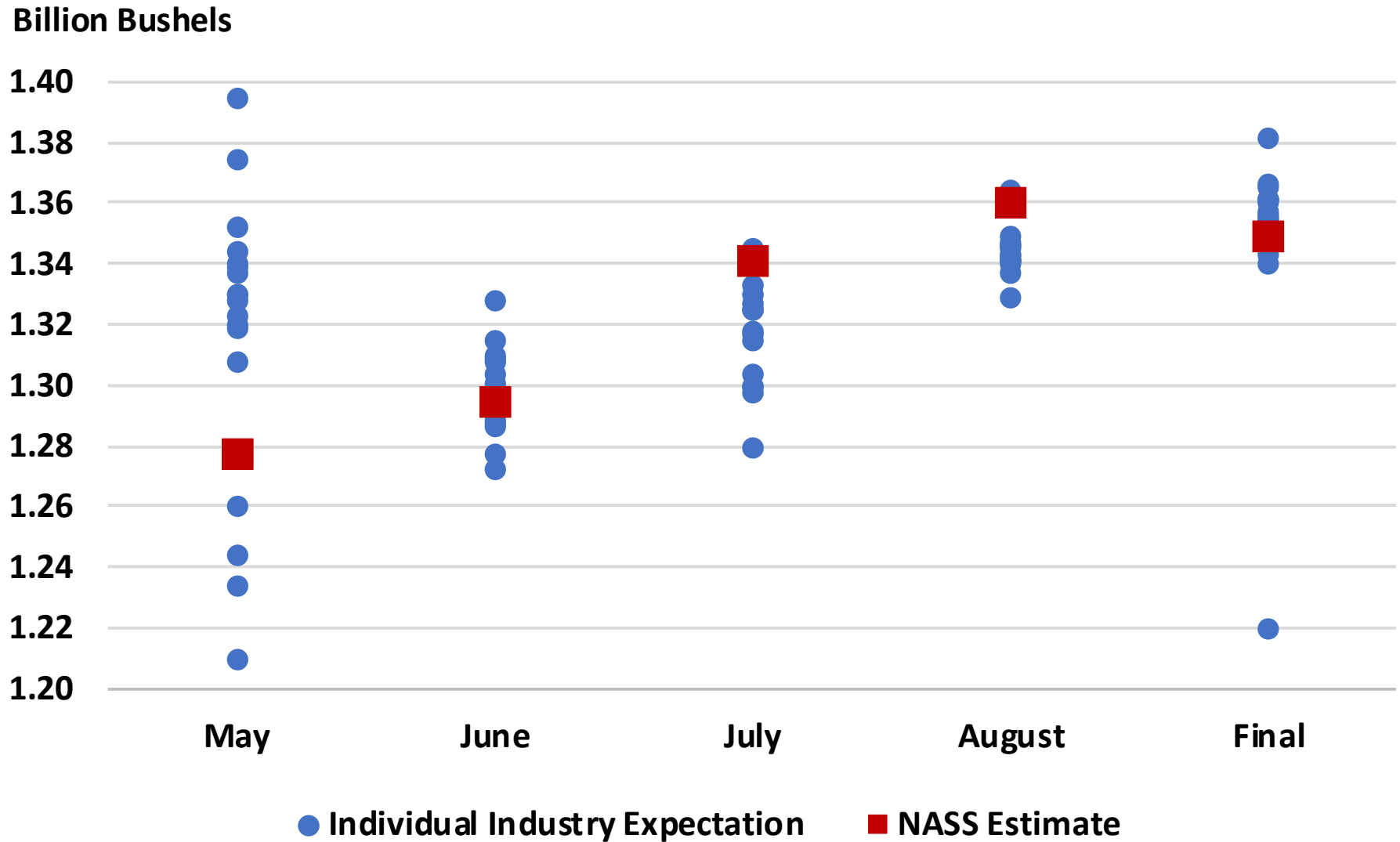
Billion Bushels





# 2024 U.S. Winter Wheat Production

## Industry Expectations vs NASS





# 2024 Other Spring Wheat Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
<b>United States</b>	<b>10,625</b>	<b>10,330</b>	<b>52.5</b>	<b>542,320</b>
% Change from Previous Estimate	↓ 0.7	NC	↓ 0.2	↓ 0.3
% Change from Previous Season	↓ 5.1	↓ 5.4	↑ 14.1	↑ 8.0

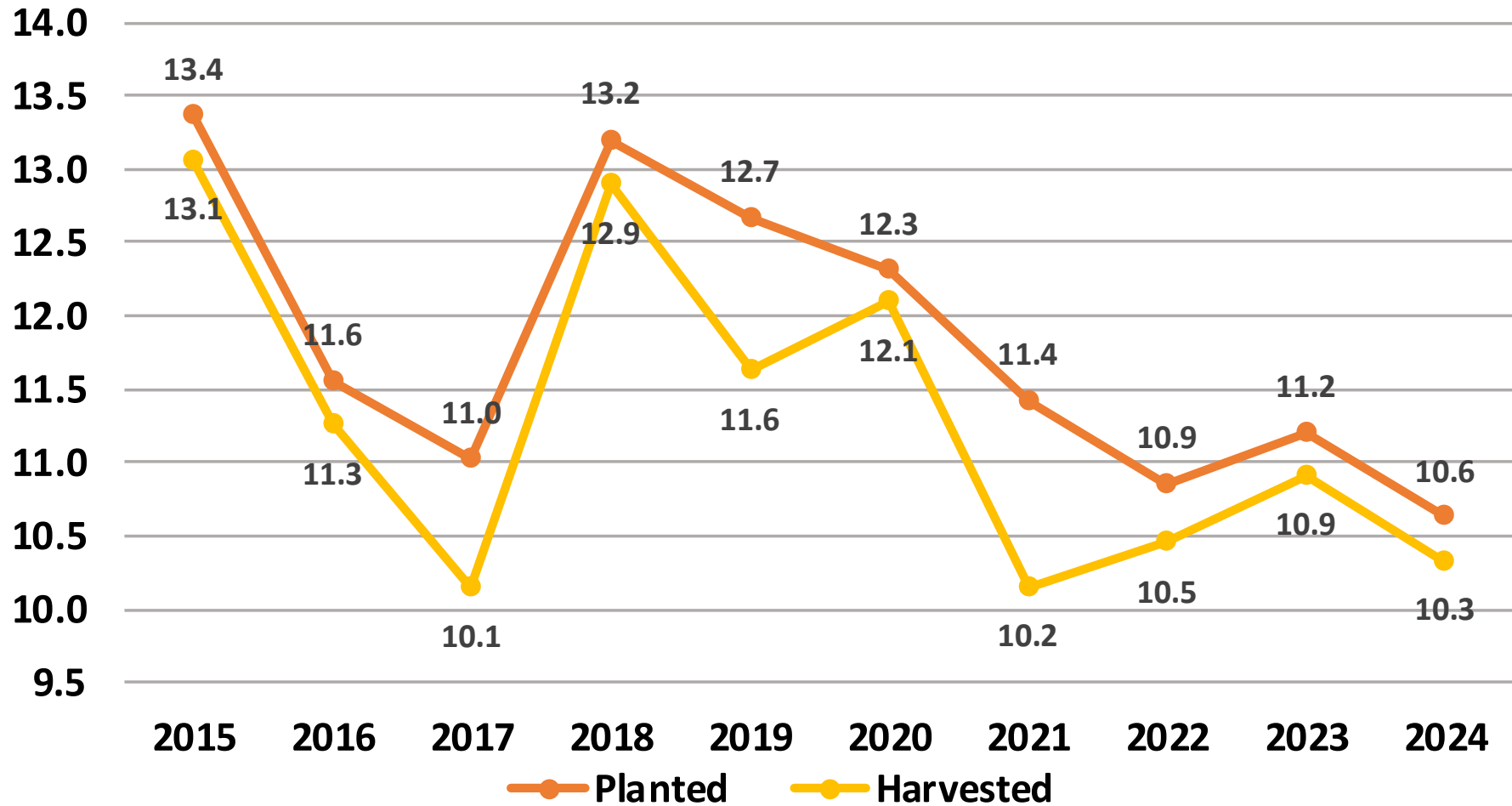
	Top 5 States - By Production							
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
		% Δ PY		% Δ PY		% Δ PY		% Δ PY
North Dakota	5,350	↓ 3.6	5,250	↓ 4.4	59.0	↑ 21.6	309,750	↑ 16.3
Minnesota	1,220	↓ 6.2	1,180	↓ 6.3	68.5	↑ 10.5	80,830	↑ 3.5
Montana	2,450	↓ 9.3	2,340	↓ 11.0	26.0	↓ 13.3	60,840	↓ 22.9
Idaho	450	↑ 9.8	435	↑ 10.1	89.0	↑ 8.5	38,715	↑ 19.5
South Dakota	660	↓ 10.8	635	↓ 2.3	49.0	↑ 14.0	31,115	↑ 11.3



# Other Spring Wheat Acres

## United States

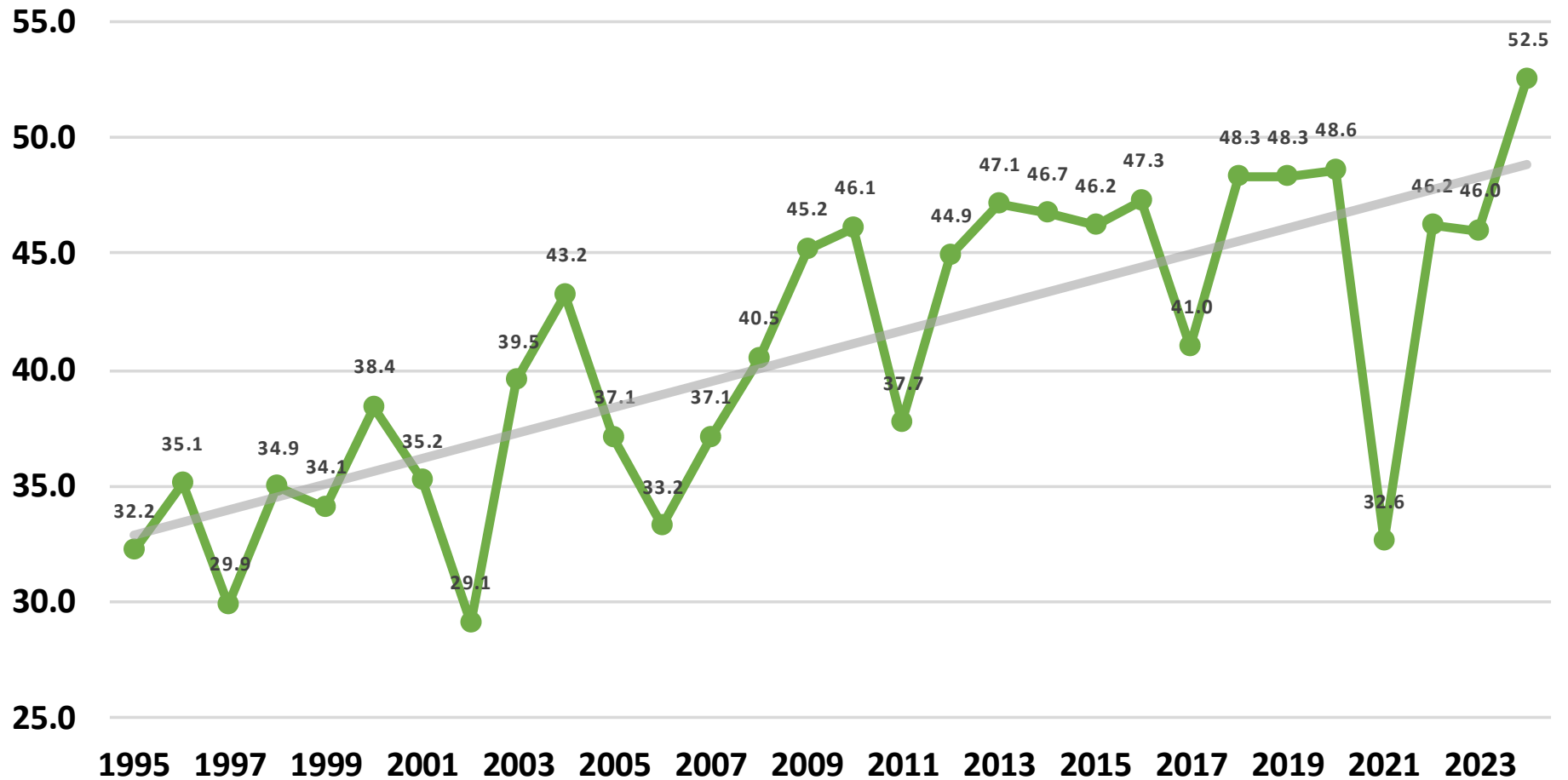
Million Acres





# Other Spring Wheat Yield United States

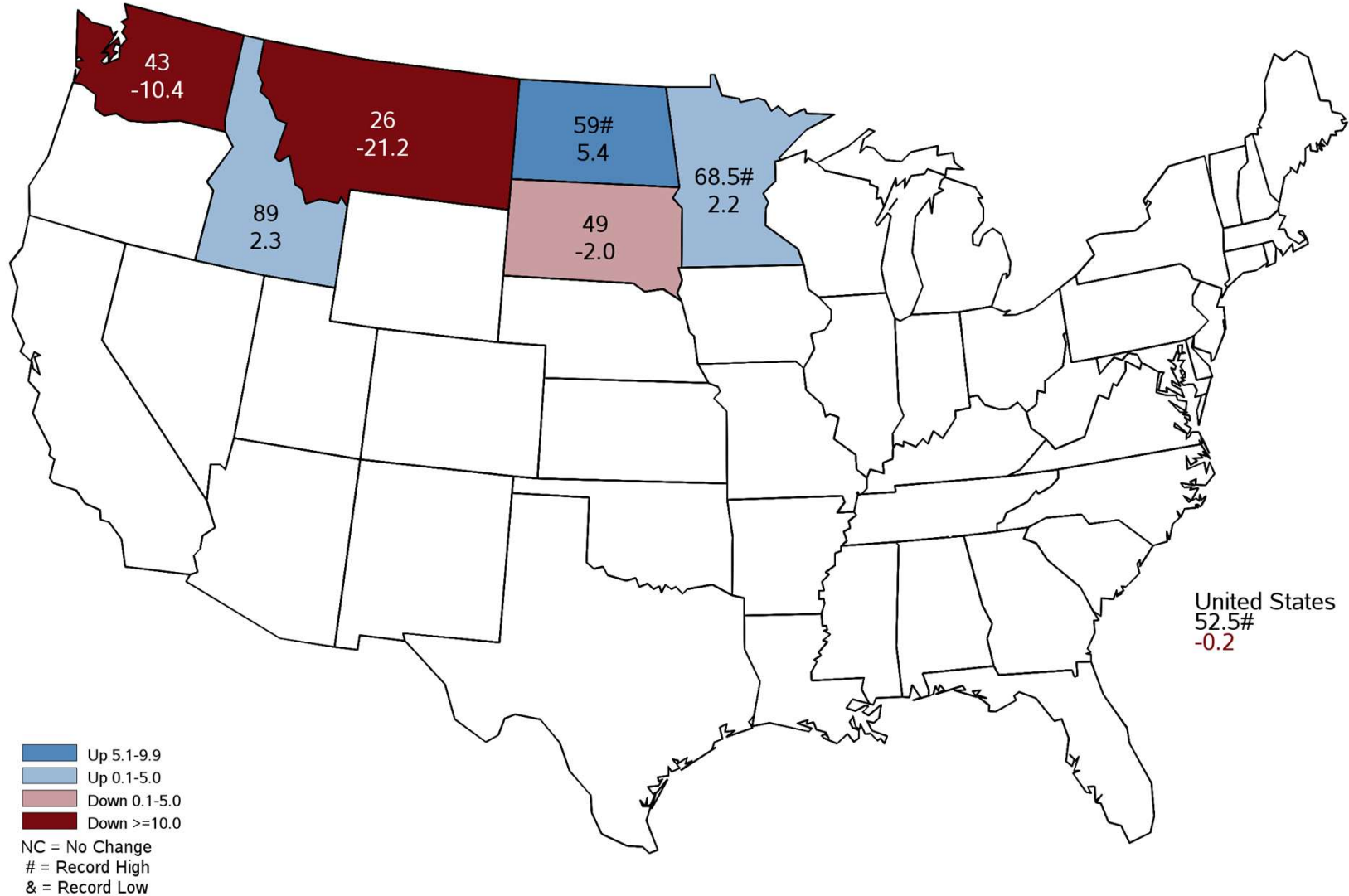
Bushels per Acre





# 2024 Other Spring Wheat Yield

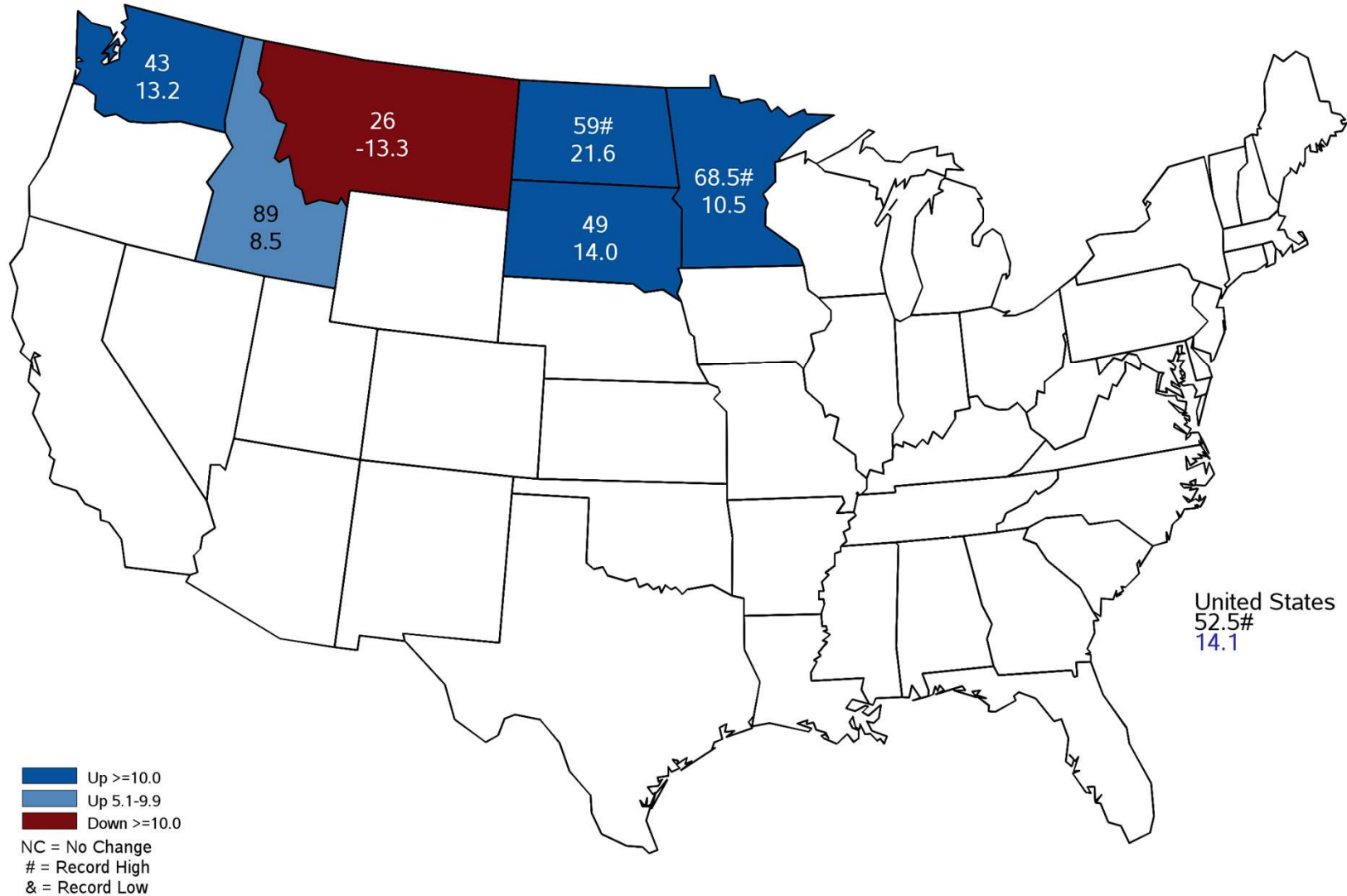
## Bushels and Percent Change from Previous Estimate





# 2024 Other Spring Wheat Yield

## Bushels and Percent Change from Previous Year

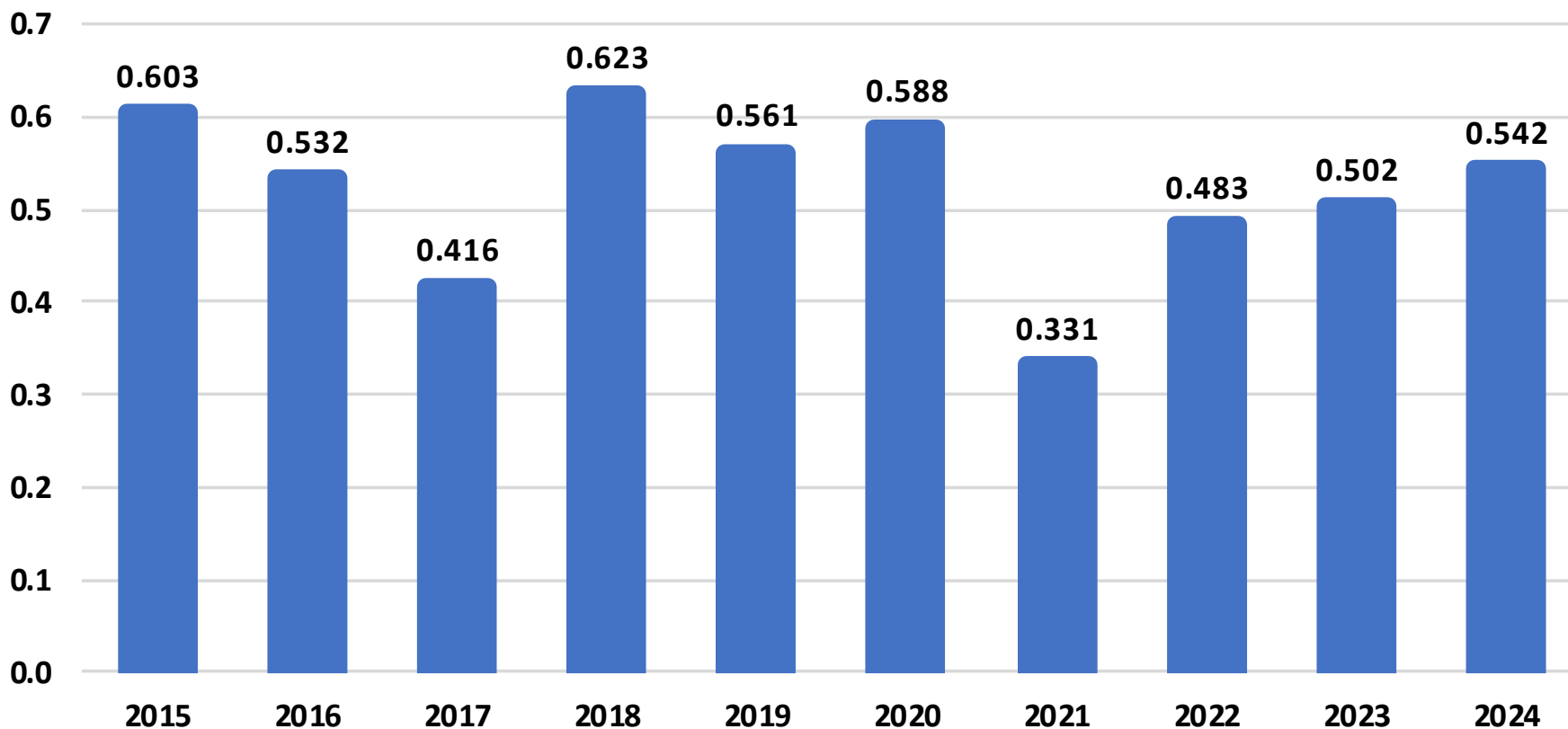




# Other Spring Wheat Production

## United States

Billion Bushels



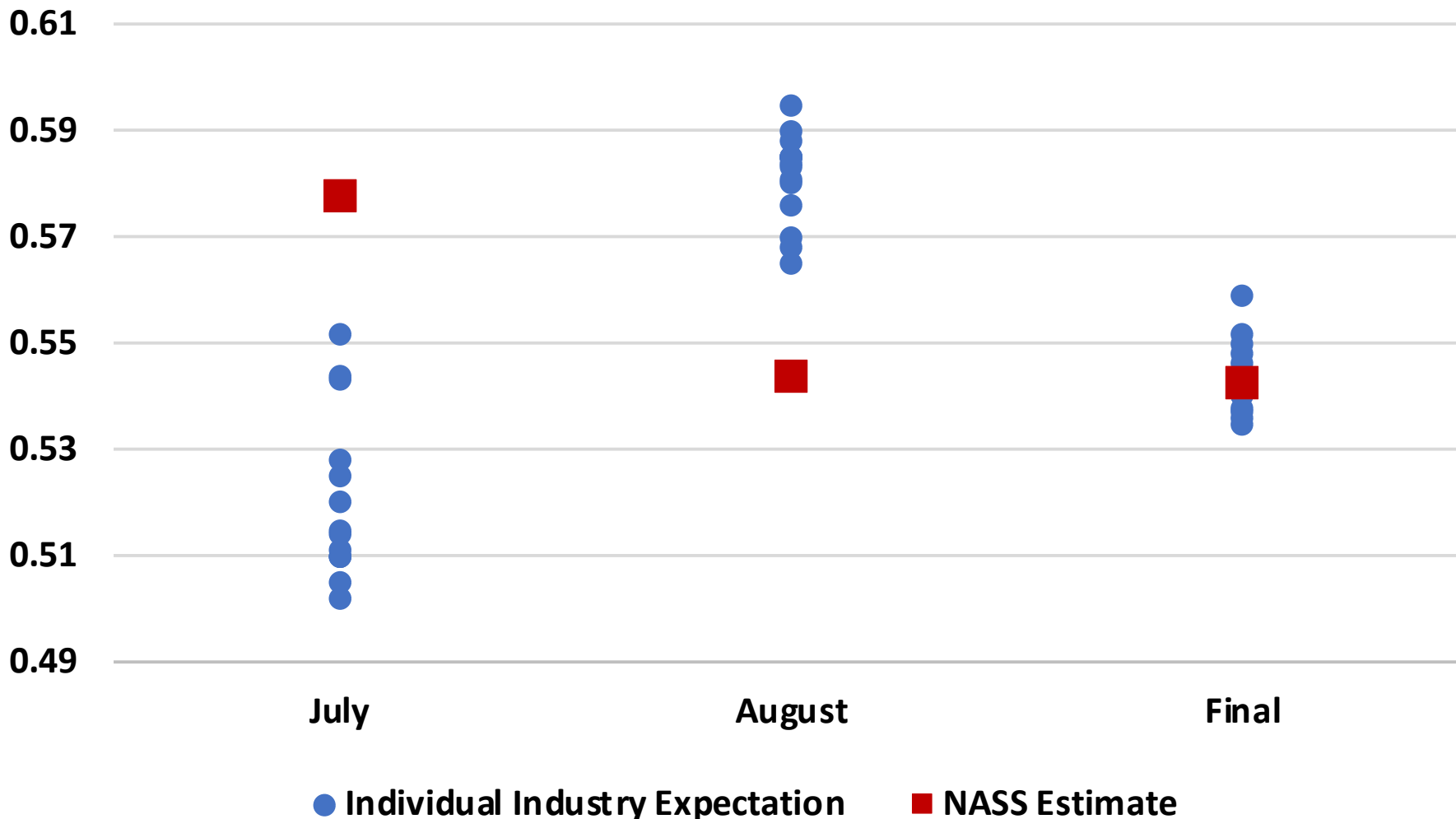


# 2024 U.S. Other Spring Wheat Production

## Industry Expectations vs NASS



Billion Bushels





# 2024 Durum Wheat

## Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Bushels/Acre)	Production (1,000 Bushels)
<b>United States</b>	<b>2,064</b>	<b>2,036</b>	<b>39.3</b>	<b>80,051</b>
% Change from Previous Estimate	↓ 1.0	↑ 0.9	↑ 3.1	↑ 4.1
% Change from Previous Season	↑ 23.2	↑ 26.9	↑ 6.2	↑ 34.9

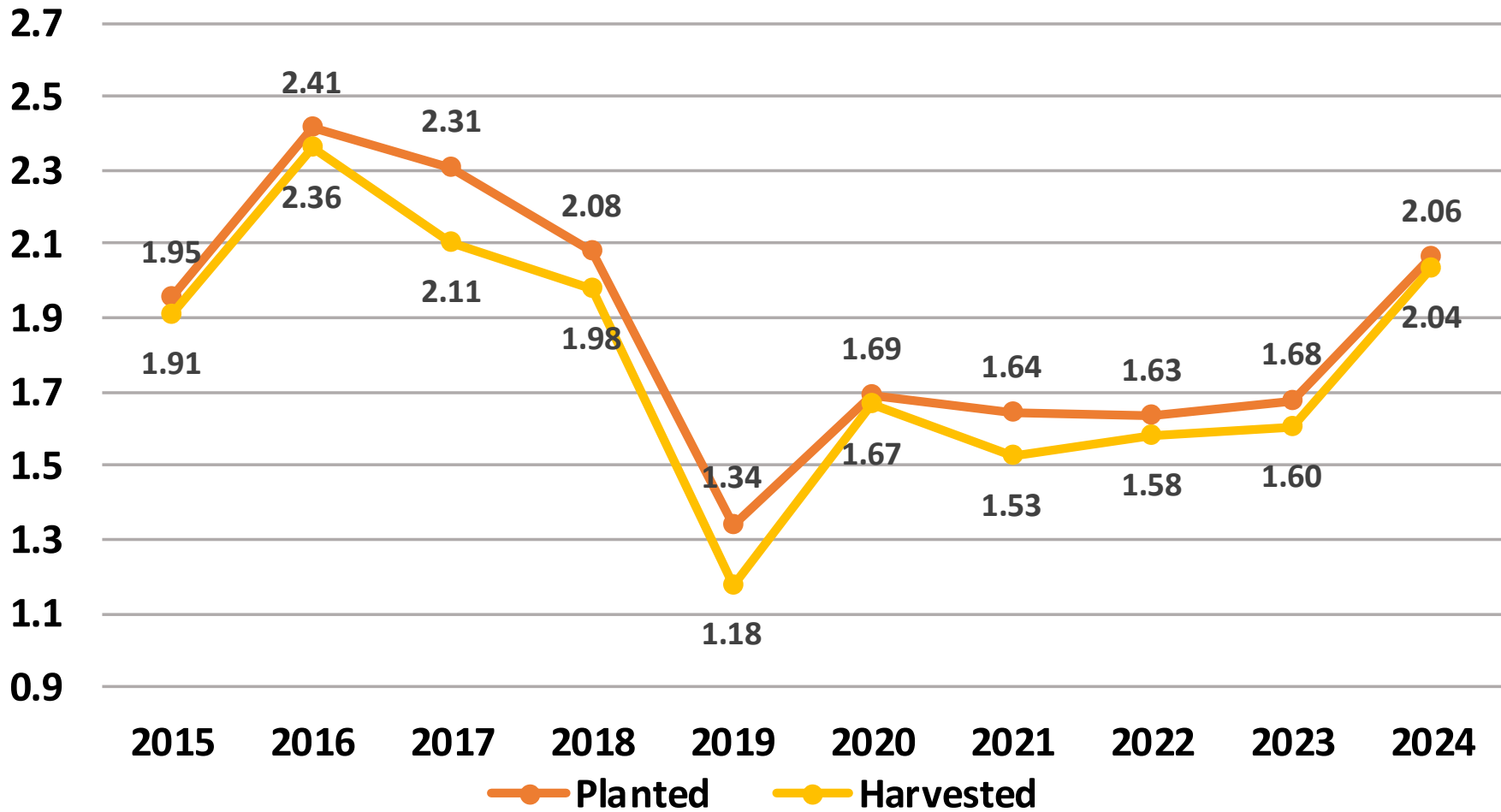
	Top 4 States - By Production							
	Planted (1,000 Acres)		Harvested (1,000 Acres)		Yield (Bushels/Acre)		Production (1,000 Bushels)	
		% Δ PY		% Δ PY		% Δ PY		% Δ PY
North Dakota	1,100	↑ 21.5	1,095	↑ 26.6	47.0	↑ 27.0	51,465	↑ 60.8
Montana	880	↑ 24.8	860	↑ 27.4	23.0	↓ 25.8	19,780	↓ 5.5
Arizona	59	↑ 55.3	58	↑ 56.8	109.0	↑ 5.8	6,322	↑ 65.9
California	25	↑ 38.9	23	↑ 35.3	108.0	↓ 5.3	2,484	↑ 28.2



# Durum Wheat Acres

## United States

Million Acres

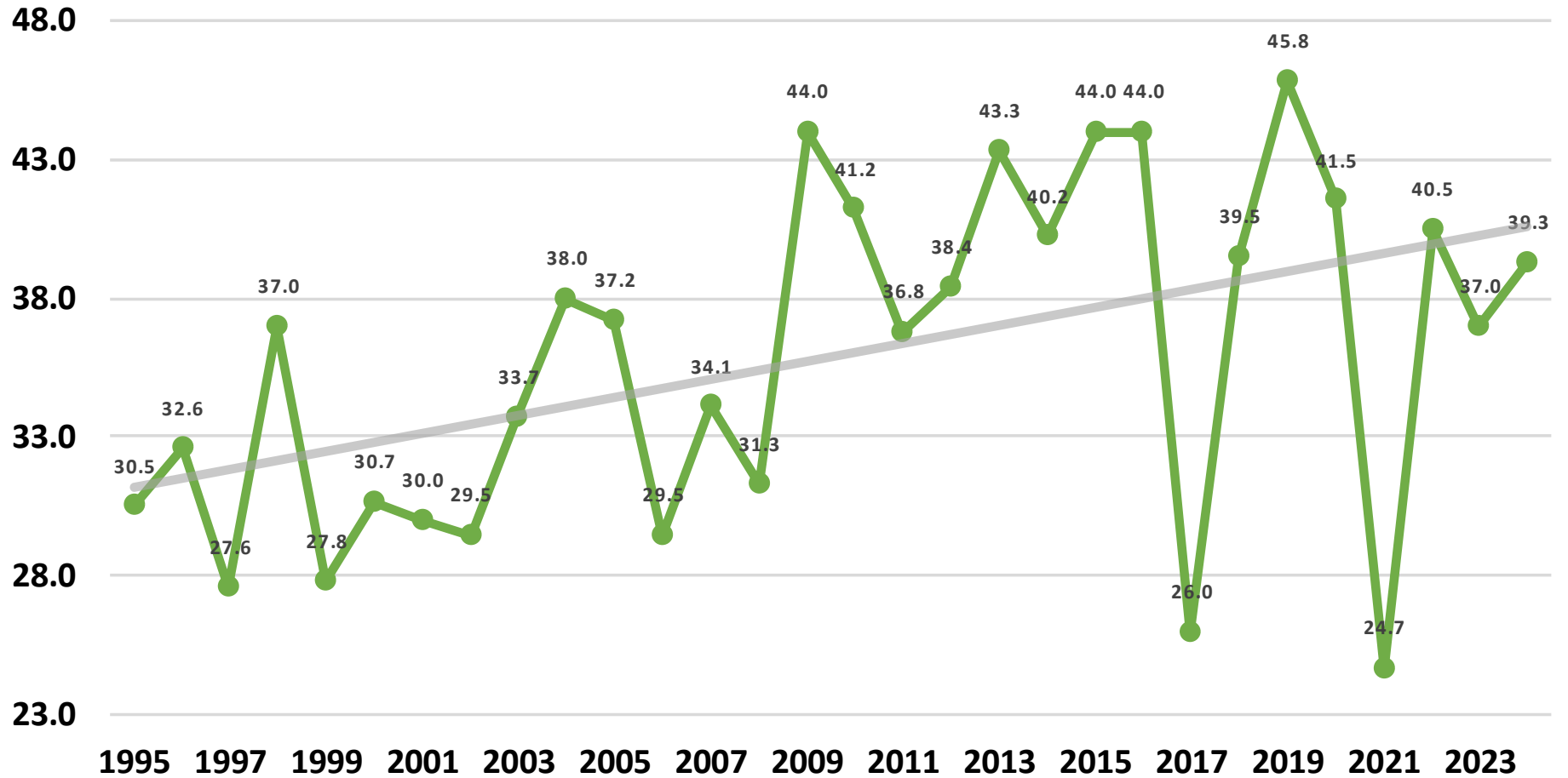




# Durum Wheat Yield

## United States

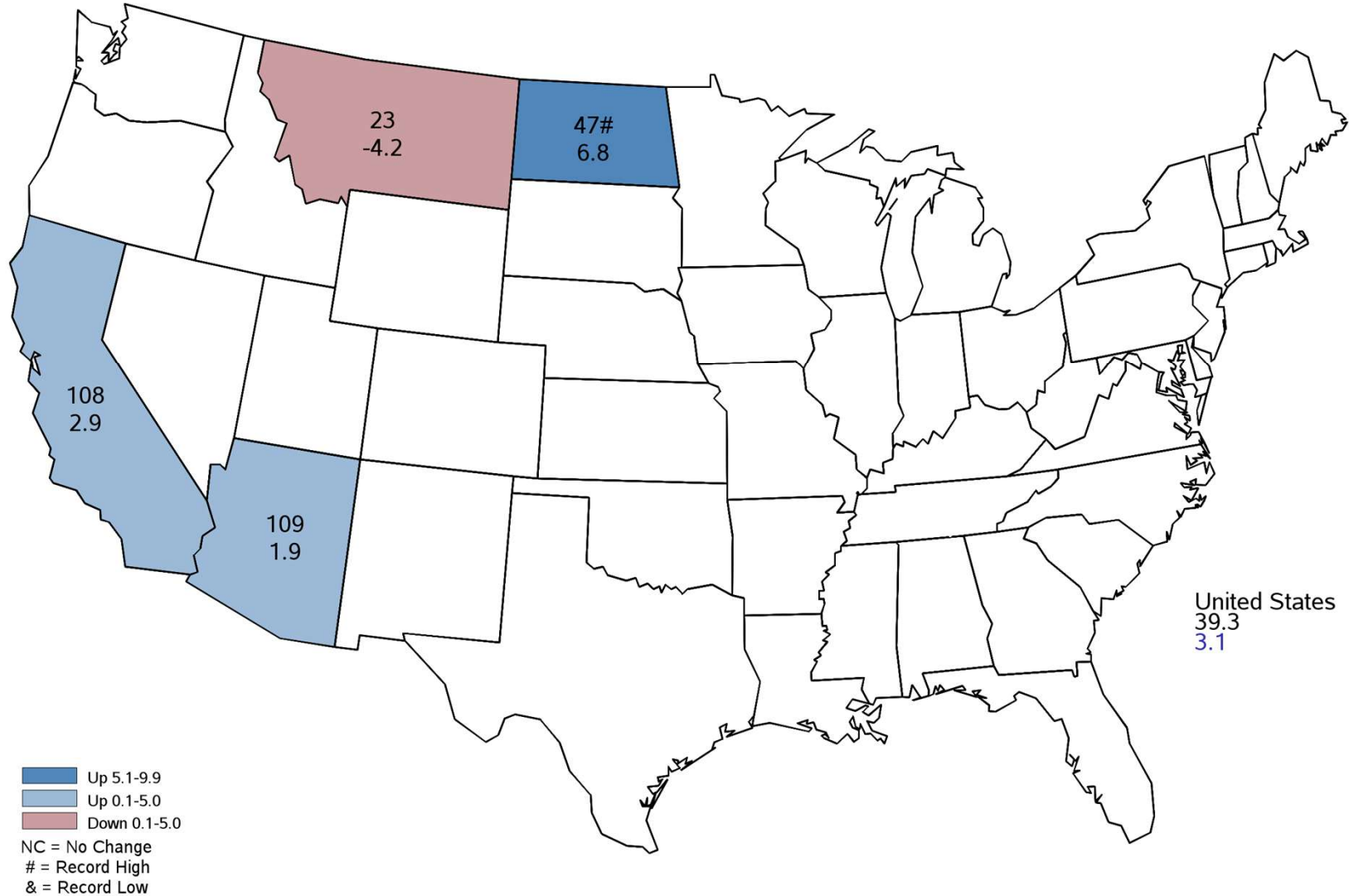
Bushels per Acre





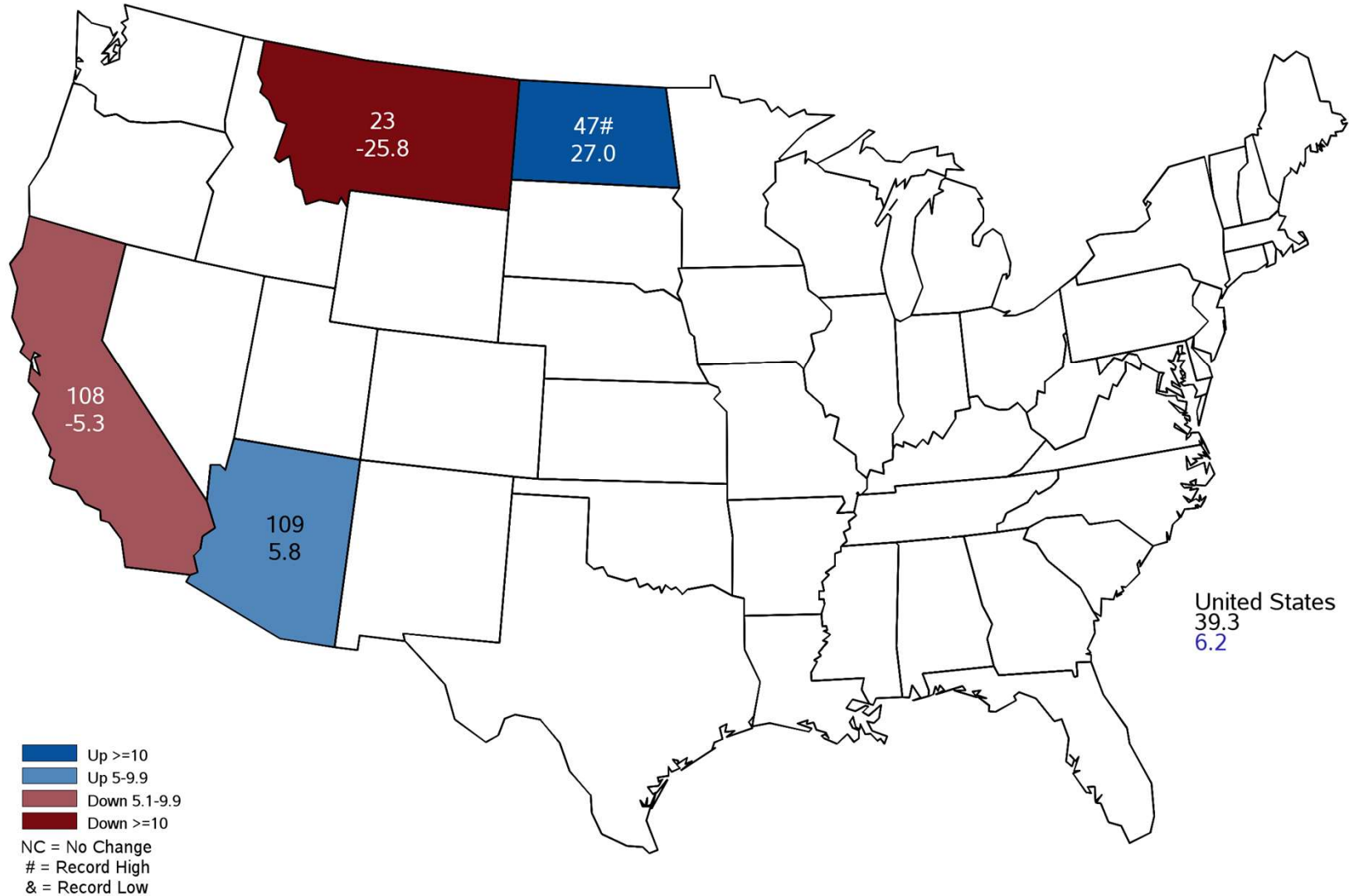
# 2024 Durum Wheat Yield

## Bushels and Percent Change from Previous Estimate



# 2024 Durum Wheat Yield

## Bushels and Percent Change from Previous Year



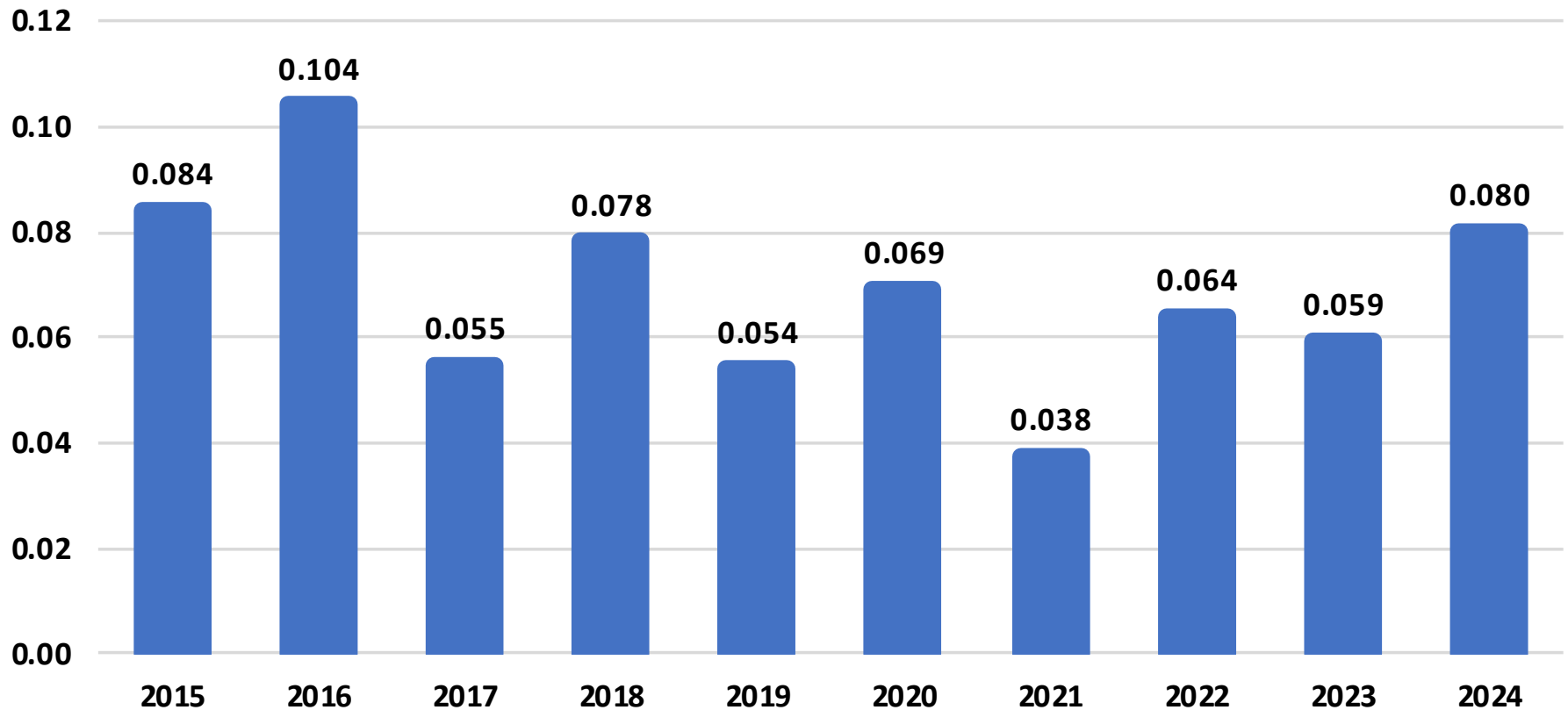


# Durum Wheat Production

## United States



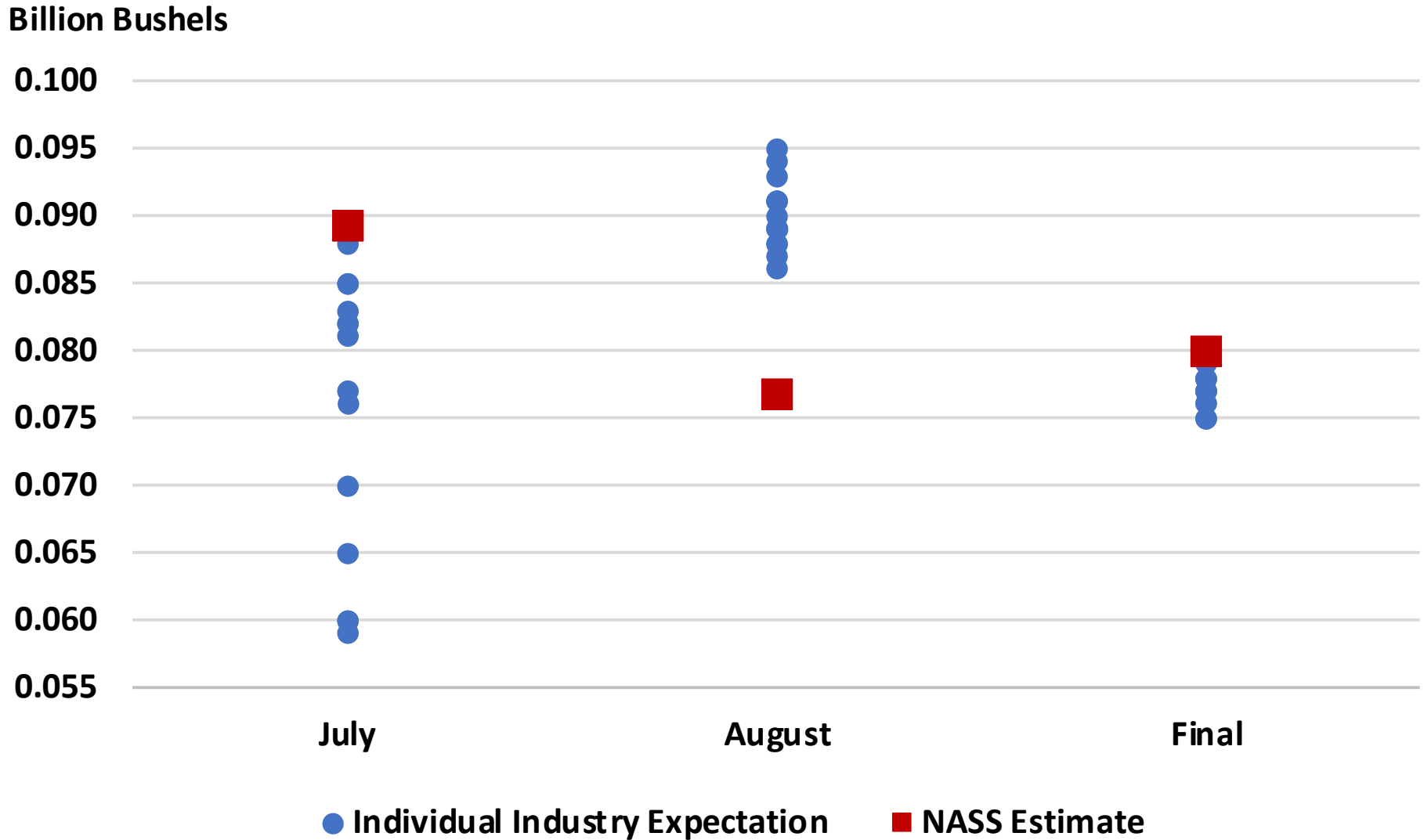
Billion Bushels





# 2024 U.S. Durum Wheat Production

## Industry Expectations vs NASS





# 2024 Small Grains

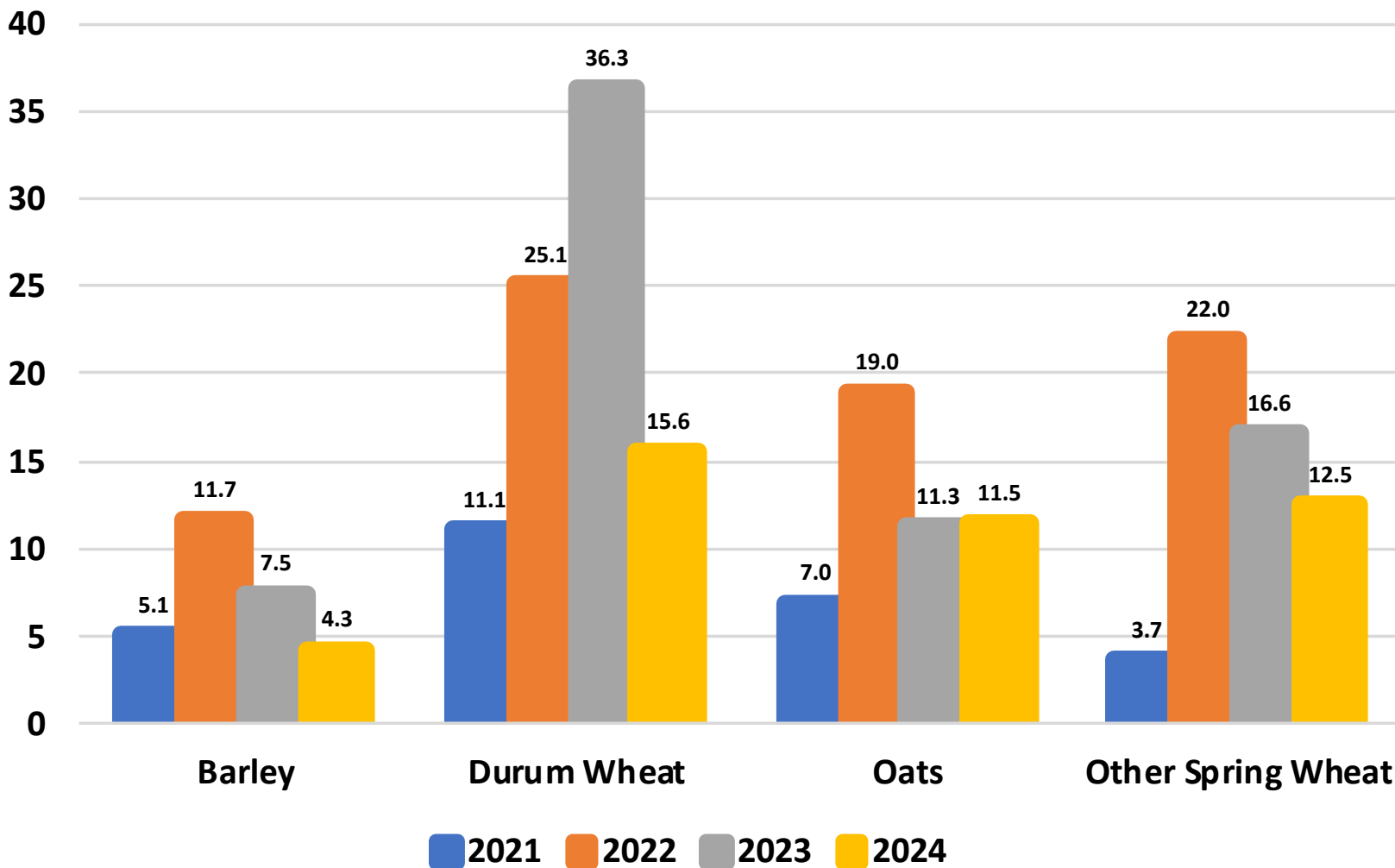
## Acreage, Yield, and Production

	Planted (1,000 Acres)	Harvested (1,000 Acres)	Yield (Units per Acre)	Unit	Production (1,000 Units)	Unit
<b>Barley</b>	<b>2,373</b>	<b>1,875</b>	<b>76.7</b>	<b>Bu</b>	<b>143,836</b>	<b>Bu</b>
% Change from Previous Estimate	↓ 1.3	↓ 0.4	↓ 3.0		↓ 3.3	
% Change from Previous Season	↓ 23.7	↓ 27.2	↑ 6.1		↓ 22.7	
<b>Oats</b>	<b>2,213</b>	<b>886</b>	<b>76.5</b>	<b>Bu</b>	<b>67,793</b>	<b>Bu</b>
% Change from Previous Estimate	↓ 5.7	↓ 1.6	↑ 1.9		↑ 0.3	
% Change from Previous Season	↓ 13.4	↑ 6.6	↑ 11.5		↑ 18.8	
<b>Rye</b>	<b>2,206</b>	<b>402</b>	<b>36.6</b>	<b>Bu</b>	<b>14,729</b>	<b>Bu</b>
% Change from Previous Estimate	↑ 0.1	↑ 6.3	N/A		N/A	
% Change from Previous Season	↓ 3.8	↑ 24.8	↑ 13.7		↑ 42.0	

# Small Grains

## U.S. Percent of Acres Remaining to be Harvested

Percent



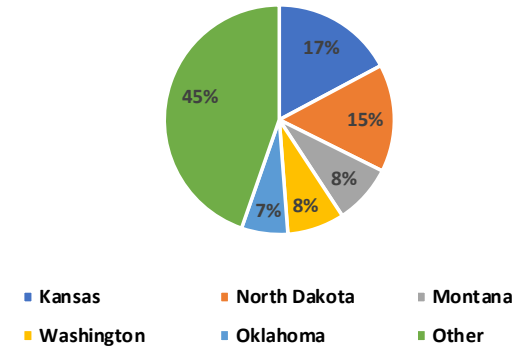


# September 2024 All Wheat Stocks



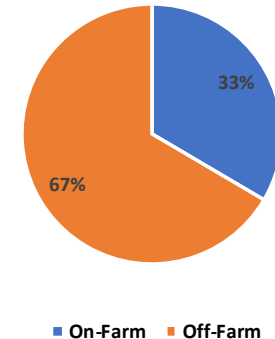
	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
<b>United States</b>	<b>1,985,724</b>	<b>663,760</b>	<b>1,321,964</b>
% Change from Previous Season	↑ 12.4	↑ 11.0	↑ 13.1

September 1, 2024 All Wheat 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
Kansas	341,283	↑ 35.9	30,500	↑ 27.1	310,783	↑ 36.8
North Dakota	301,299	↑ 17.2	222,000	↑ 26.9	79,299	↓ 3.4
Montana	166,930	↑ 3.1	128,000	↑ 3.6	38,930	↑ 1.4
Washington	159,447	↑ 16.7	16,000	↑ 18.5	143,447	↑ 16.5
Oklahoma	130,169	↑ 24.8	11,000	↑ 46.7	119,169	↑ 23.2

September 1, 2024 All Wheat Stocks By Position



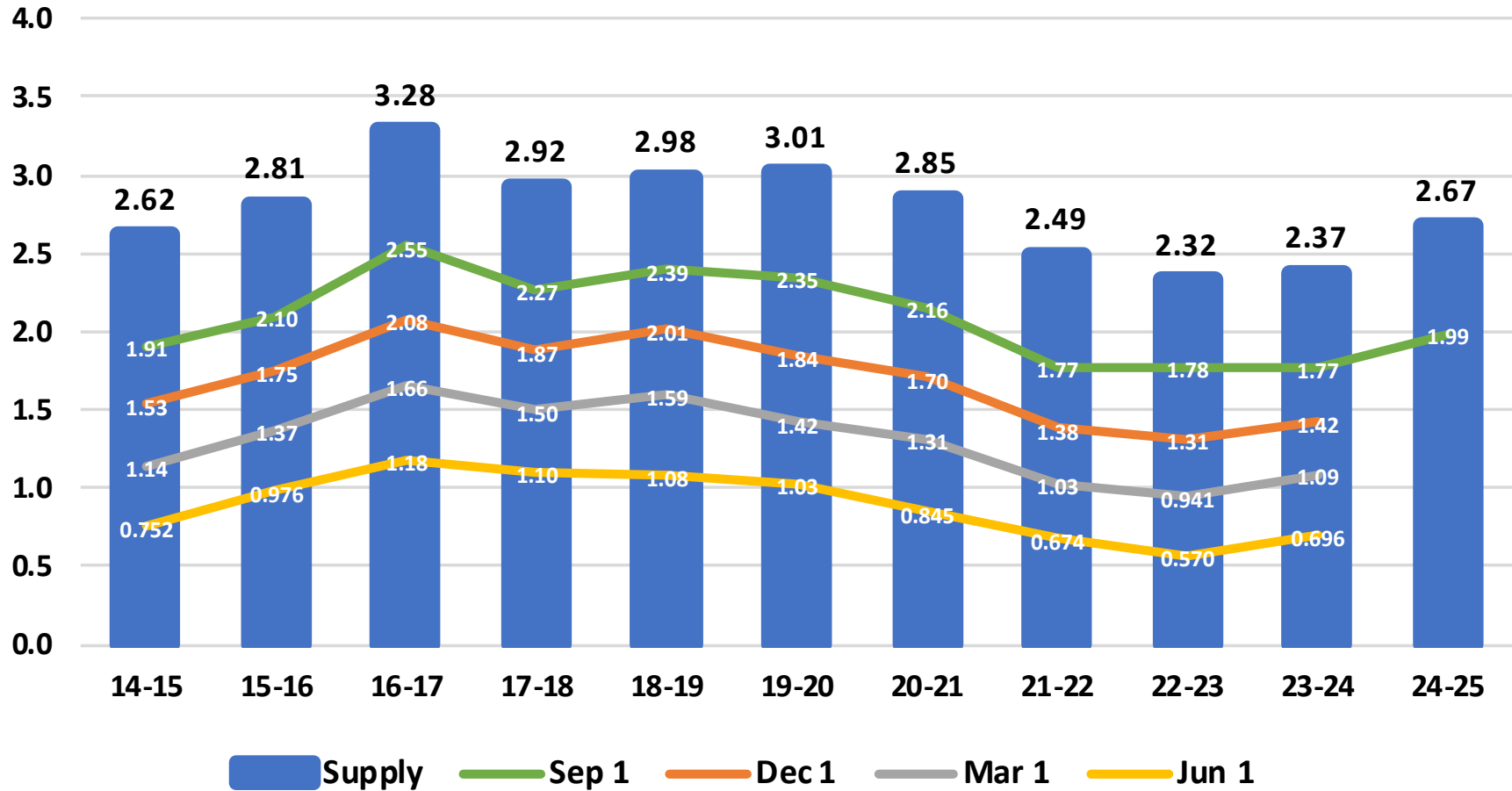




# September 2024 All Wheat Stocks United States



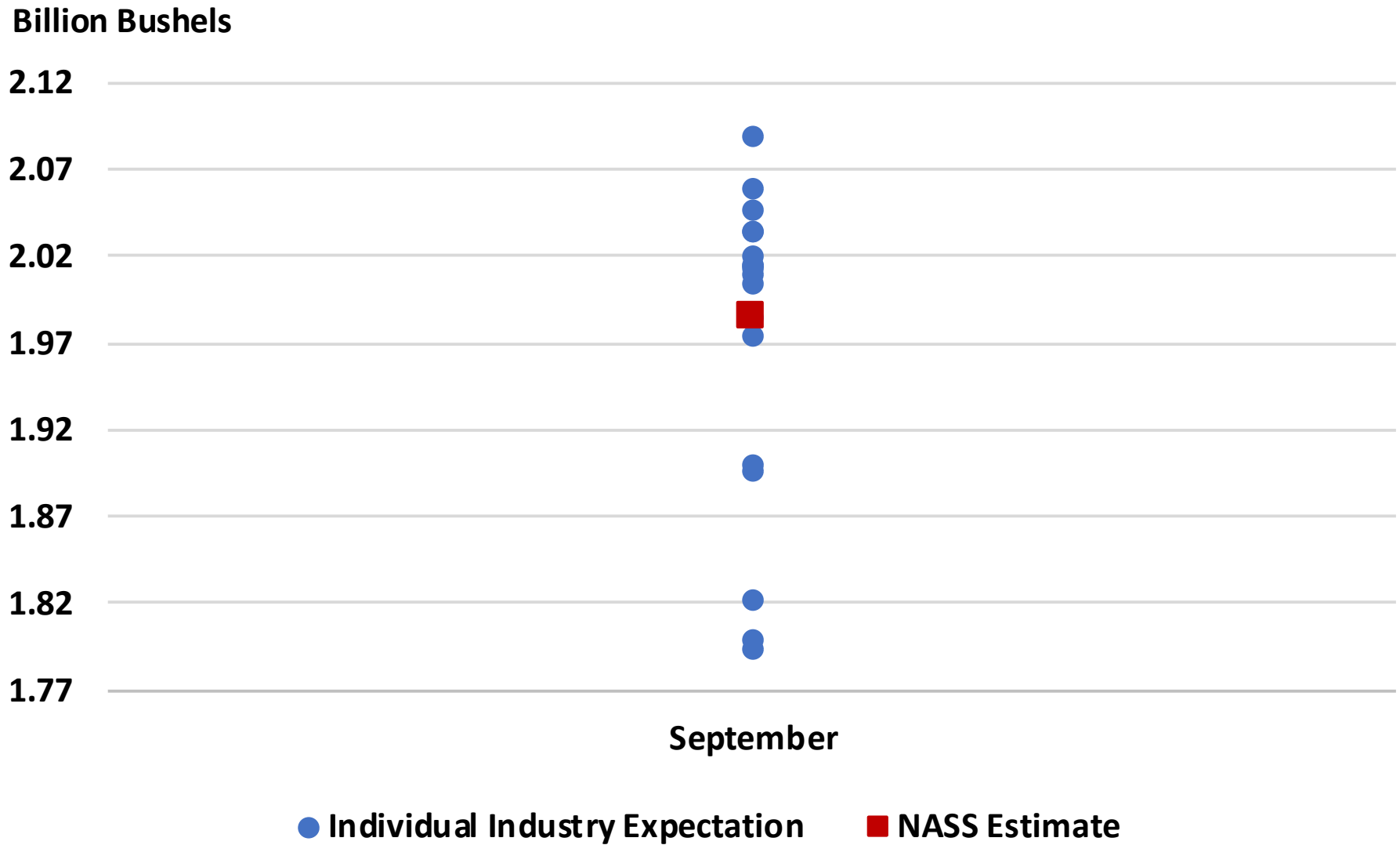
Billion Bushels





# 2024 U.S. All Wheat Stocks

## Industry Expectations vs NASS



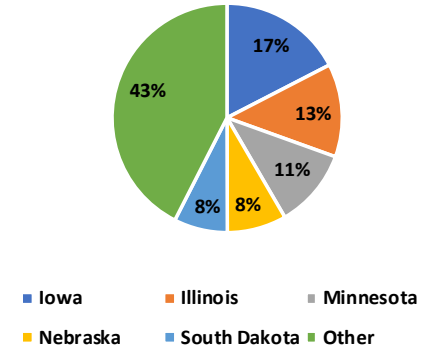


# September 2024 Corn Stocks



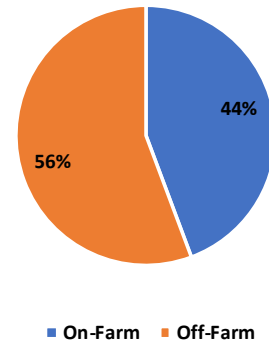
	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
<b>United States</b>	<b>1,760,460</b>	<b>780,400</b>	<b>980,060</b>
% Change from Previous Season	↑ 29.4	↑ 29.1	↑ 29.7

September 1, 2024 Corn Total Stocks By State



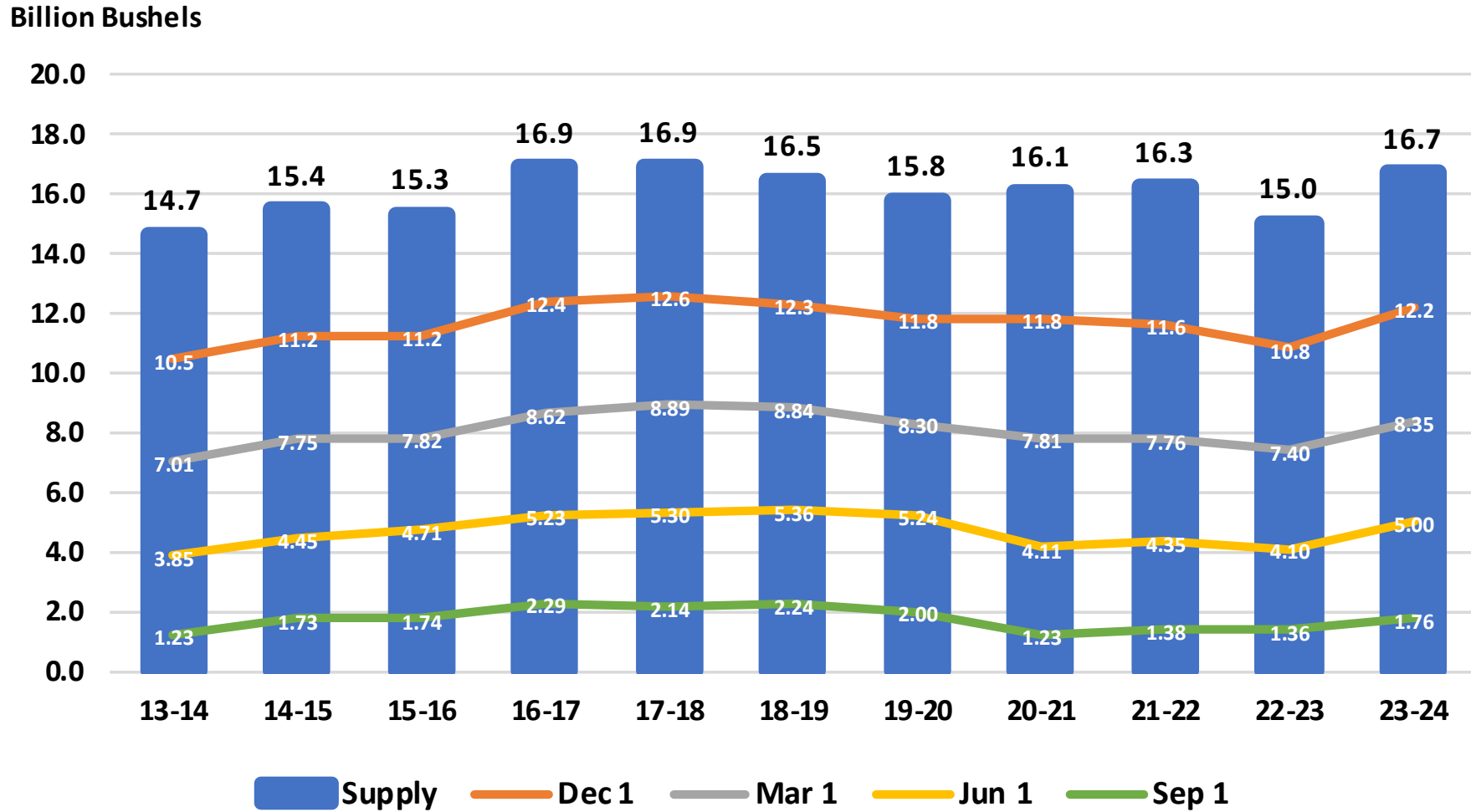
	Top 5 States - By Total Stocks					
	September 1 Total (1,000 Bu)		September 1 On-Farm (1,000 Bu)		September 1 Off-Farm (1,000 Bu)	
		% Δ PY		% Δ PY		% Δ PY
Iowa	306,178	↑ 10.5	140,000	↑ 27.3	166,178	↓ 0.5
Illinois	230,893	↑ 57.3	76,000	↑ 35.7	154,893	↑ 70.6
Minnesota	195,877	↑ 45.0	100,000	↑ 63.9	95,877	↑ 29.4
Nebraska	146,928	↑ 12.9	71,000	↑ 4.4	75,928	↑ 22.1
South Dakota	132,223	↑ 62.5	79,000	↑ 102.6	53,223	↑ 25.6

September 1, 2024 Corn Stocks By Position





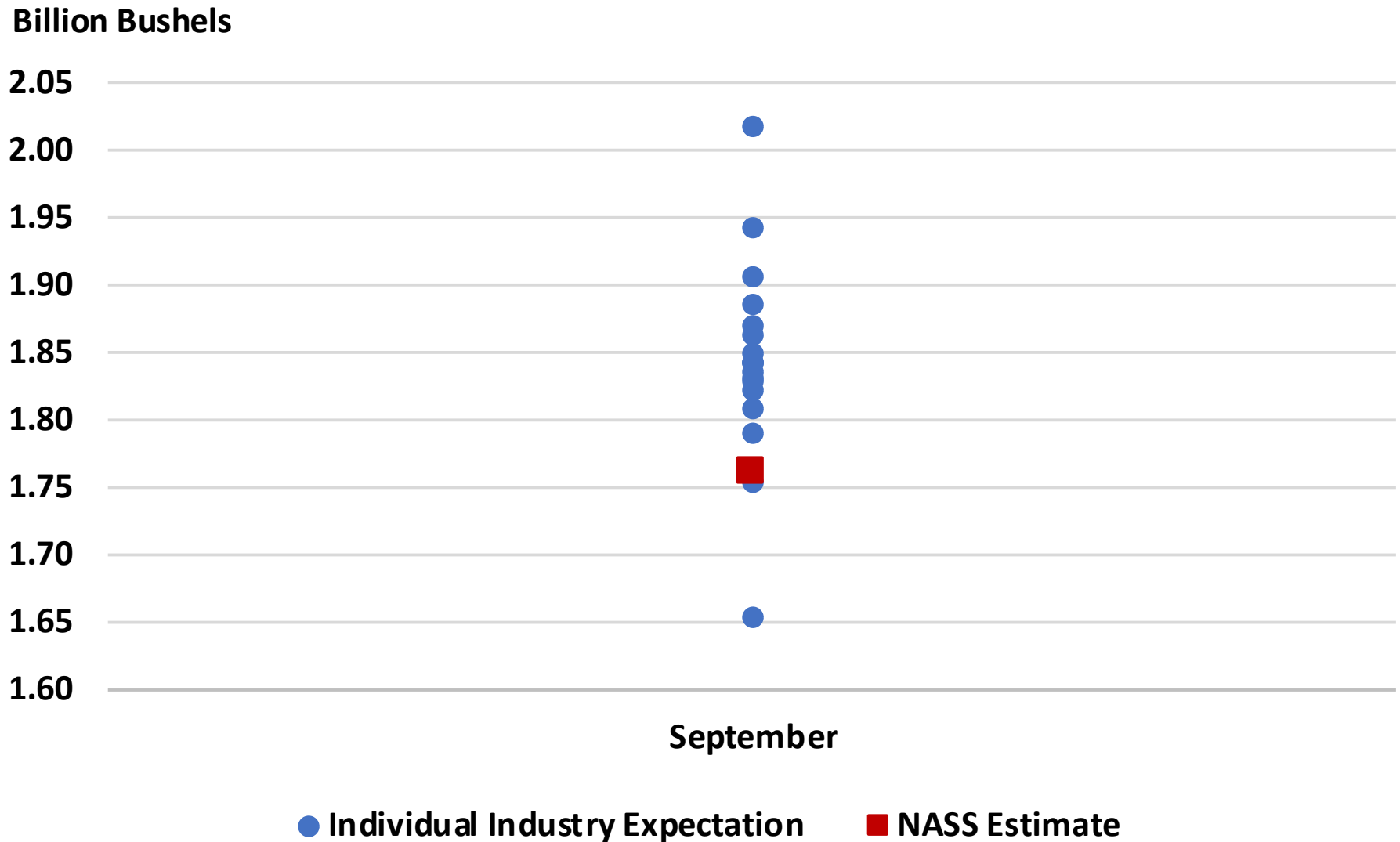
# September 2024 Corn Stocks United States





# 2024 U.S. Corn Stocks

## Industry Expectations vs NASS





# 2023 U.S. Corn Crop Balance Sheet



	Previous Estimates (Million Bushels)	September 30 Estimates (Million Bushels)	Change (Million Bushels)	
Sept. 1, 2023 Beginning Stocks	1,360	1,360		NC
2023 Production	15,342	15,341	↓	1
Imports	30 *	30 *		NC
<b>Total Supply</b>	<b>16,732</b>	<b>16,731</b>	↓	1
Exports	2,290 *	2,290 *		NC
Food, Seed, and Industrial	6,855 *	6,855 *		NC
<b>Measured Disappearance</b>	<b>9,145 *</b>	<b>9,145 *</b>		NC
<b>Ending Stocks</b>	<b>1,812 *</b>	<b>1,760</b>	↓	52
<b>Residual</b>	<b>5,775 *</b>	<b>5,825</b>	↑	50

\* WAOB Forecast - September WASDE Report

Note: Totals may not add due to rounding.

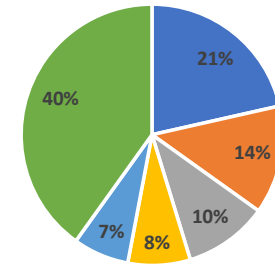


# September 2024 Soybeans Stocks



	September 1 Total (1,000 Bu)	September 1 On-Farm (1,000 Bu)	September 1 Off-Farm (1,000 Bu)
<b>United States</b>	<b>342,010</b>	<b>111,200</b>	<b>230,810</b>
% Change from Previous Season	↑ 29.5	↑ 54.4	↑ 20.1

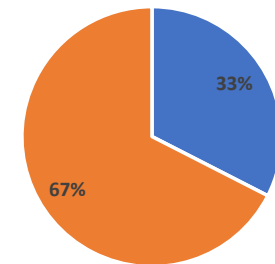
September 1, 2024 Soybean  
Total Stocks By State



■ Iowa ■ Illinois ■ Minnesota ■ Indiana ■ Missouri ■ 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	73,337	↑ 53.9	26,000	↑ 116.7	47,337	↑ 32.8
Illinois	45,989	↑ 48.9	11,500	↑ 59.7	34,489	↑ 45.5
Minnesota	35,483	↑ 16.5	15,500	↑ 59.8	19,983	↓ 3.7
Indiana	26,449	↑ 55.7	3,600	↑ 9.1	22,849	↑ 67.0
Missouri	23,606	↑ 9.4	13,000	↑ 31.3	10,606	↓ 9.2

September 1, 2024 Soybean  
Stocks By Position



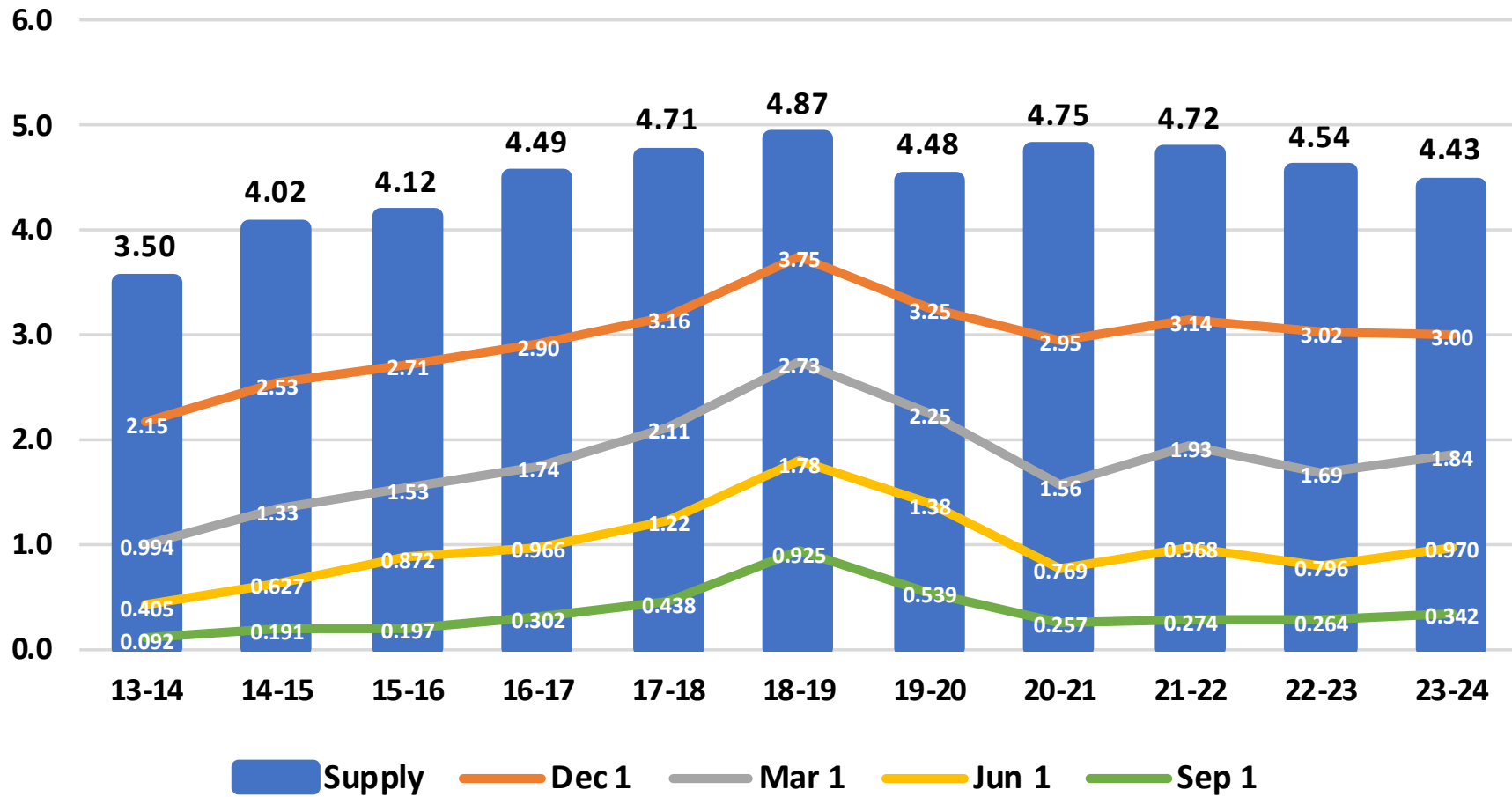
■ On-Farm ■ Off-Farm



# September 2024 Soybean Stocks United States



Billion Bushels

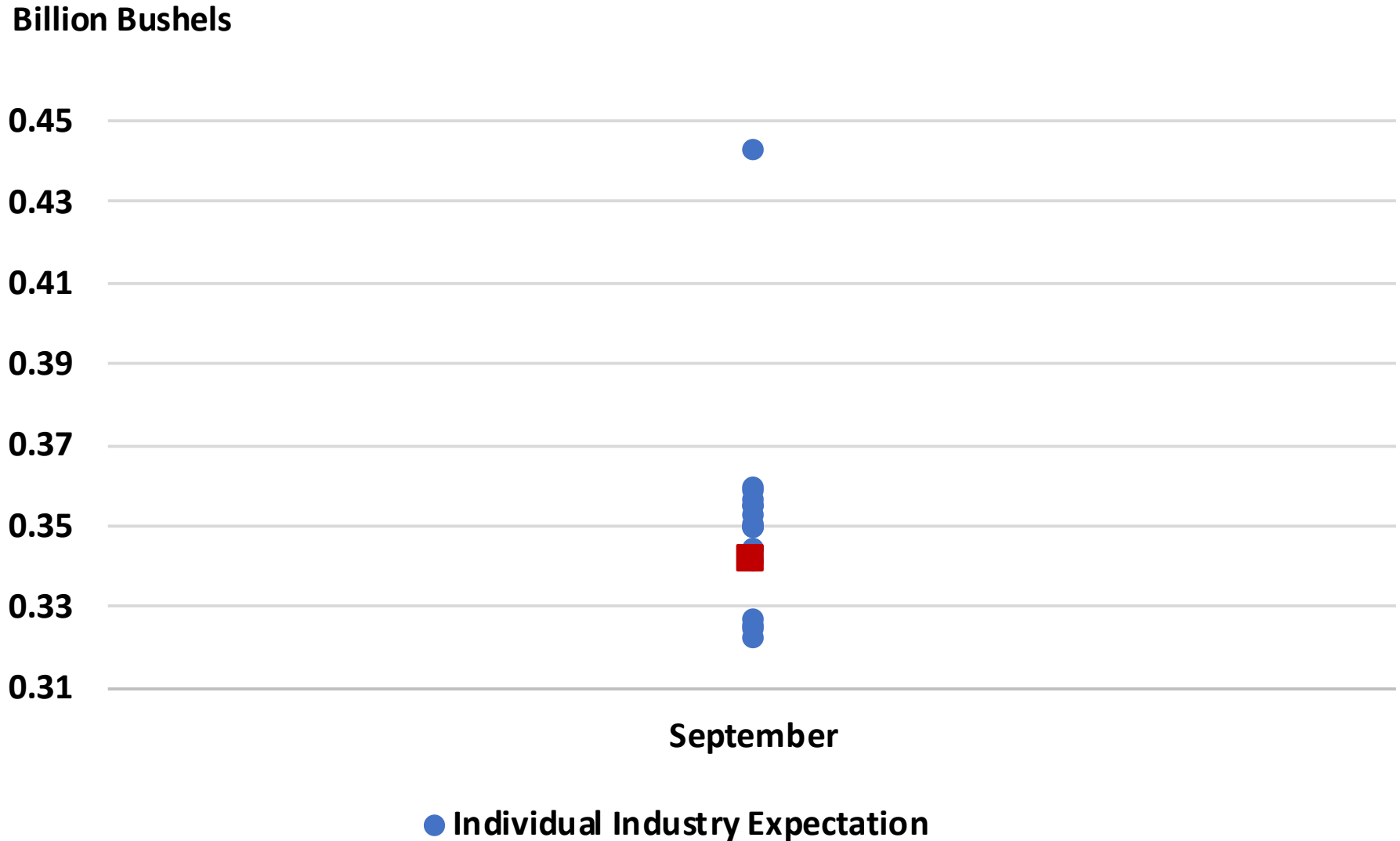






# 2024 U.S. Soybean Stocks

## Industry Expectations vs NASS





# 2023 U.S. Soybean Crop

## Balance Sheet



	Previous Estimates (Million Bushels)	September 30 Estimates (Million Bushels)	Change (Million Bushels)	
Sept. 1, 2023 Beginning Stocks	264	264		NC
2023 Production	4,165	4,162	↓	3
Imports	20 *	20 *		NC
<b>Total Supply</b>	<b>4,449</b>	<b>4,446</b>	↓	3
Crushings	2,295 *	2,295 *		NC
Exports	1,700 *	1,700 *		NC
Seed	78 *	78 *		NC
<b>Measured Disappearance</b>	<b>4,073 *</b>	<b>4,073 *</b>		NC
<b>Ending Stocks</b>	<b>340 *</b>	<b>342</b>	↑	2
<b>Residual</b>	<b>36 *</b>	<b>31</b>	↓	5

\* WAOB Forecast - September WASDE Report

Note: Totals may not add due to rounding.



# September 2024

## Stocks



	Unit	September 1 Total (1,000 Units)	September 1 On-Farm (1,000 Units)	September 1 Off-Farm (1,000 Units)
<b>Barley</b>	<b>Bushels</b>	<b>154,072</b>	<b>90,260</b>	<b>63,812</b>
% Change from Previous Year		↓ 14.3	↓ 27.3	↑ 14.7
<b>Durum Wheat</b>	<b>Bushels</b>	<b>67,300</b>	<b>47,100</b>	<b>20,200</b>
% Change from Previous Year		↑ 17.5	↑ 41.9	↓ 16.1
<b>Oats</b>	<b>Bushels</b>	<b>65,249</b>	<b>38,600</b>	<b>26,649</b>
% Change from Previous Year		↓ 13.4	↑ 8.9	↓ 33.2
<b>Safflower</b>	<b>Pounds</b>	<b>13,648</b>	<b>3,390</b>	<b>10,258</b>
% Change from Previous Year		↑ 82.5	(D)	(D)
<b>Sorghum</b>	<b>Bushels</b>	<b>30,540</b>	<b>2,940</b>	<b>27,600</b>
% Change from Previous Year		↑ 26.0	↑ 111.7	↑ 20.8
<b>Sunflower</b>	<b>Pounds</b>	<b>575,331</b>	<b>139,100</b>	<b>436,231</b>
% Change from Previous Year		↑ 57.2	↓ 2.5	↑ 95.3



# Selected Upcoming Reports



<b>October 1</b>	<b>Cotton System Fats &amp; Oils Grain Crashings</b>
<b>October 11</b>	<b>Cotton Ginnings Crop Production</b>
<b>October 17</b>	<b>Census: Specialty Crops</b>
<b>October 25</b>	<b>Cattle on Feed</b>
<b>October 31</b>	<b>Census: Irrigation and Water Management Agricultural Prices</b>

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



## **USDA Fall Data Users' Meeting**

**October 15 & 16, 2024**

**Starting at 12:00pm ET**

For more information and to register please go to

[www.nass.usda.gov/go/data\\_users](http://www.nass.usda.gov/go/data_users)





# #StatChat



**STAT  
CHAT  
SERIES**

Join @usda\_nass on X to discuss the **Grain Stocks** and **Small Grains** reports with NASS Agricultural Statistics Board Chair, Lance Honig.

**MON, SEPT. 30 @ 1PM ET**

Post questions ahead of time using #StatChat.





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