

Grain Processing Corporation



Prepared By
Supply Chain
Commodity Department

Corn Market Perspective

February 8, 2023

World S&D Overview

WORLD COARSE GRAIN SUPPLY & DEMAND

Coarse Grains include corn, sorghum, barley, oats & rye.

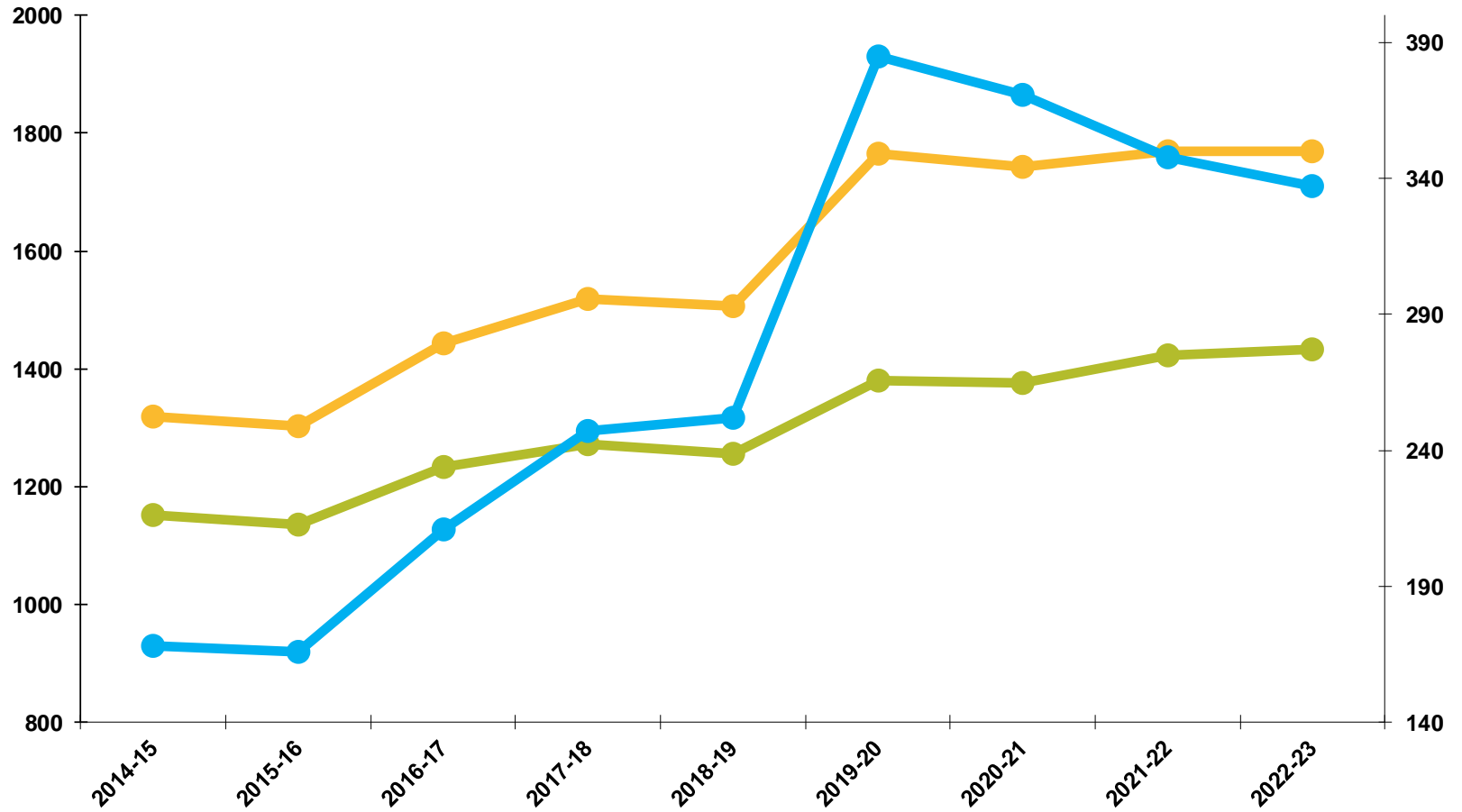
MMT
Supply &
Demand

Supply

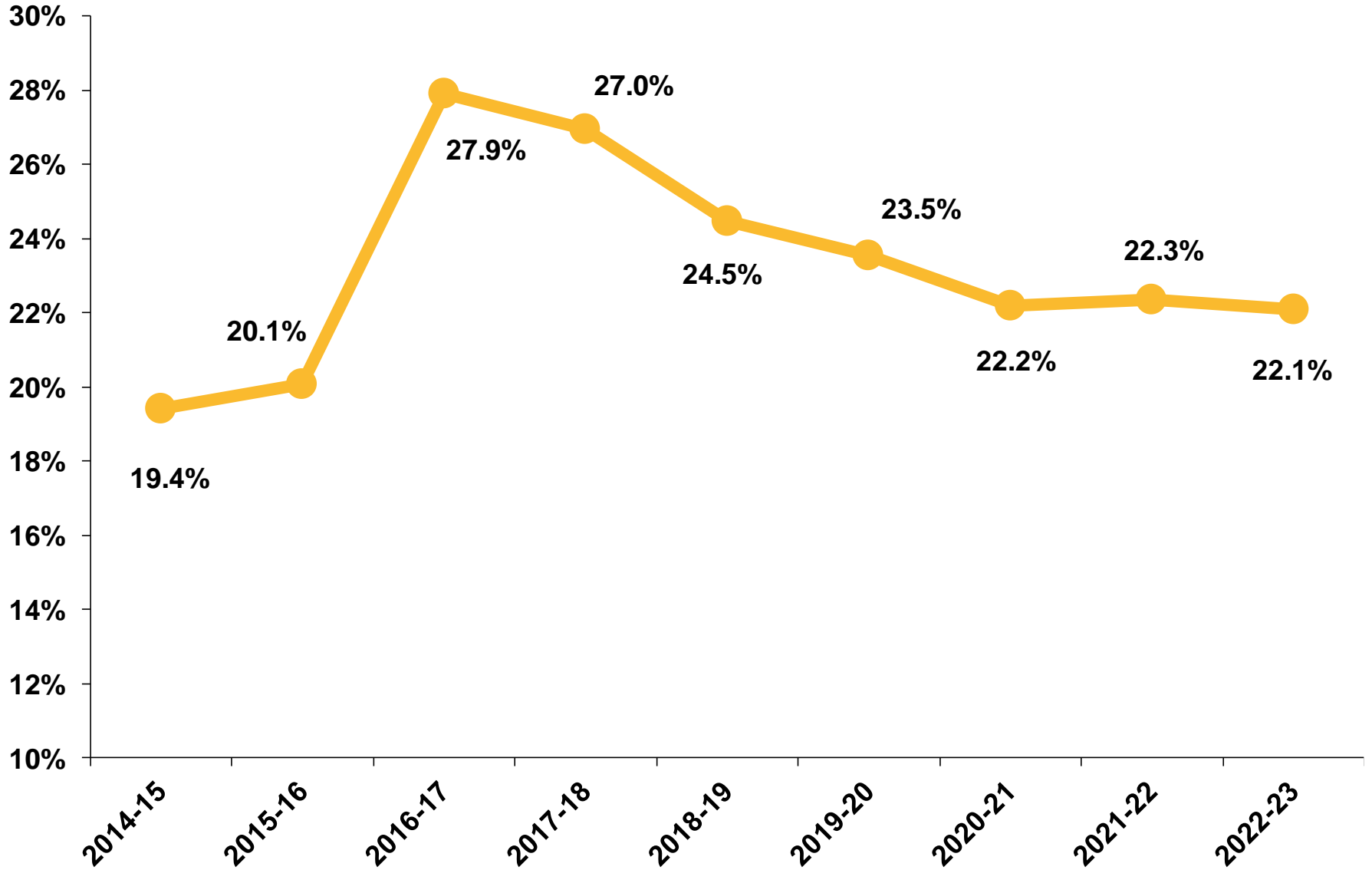
Demand

Ending Stocks

MMT
Ending Stocks



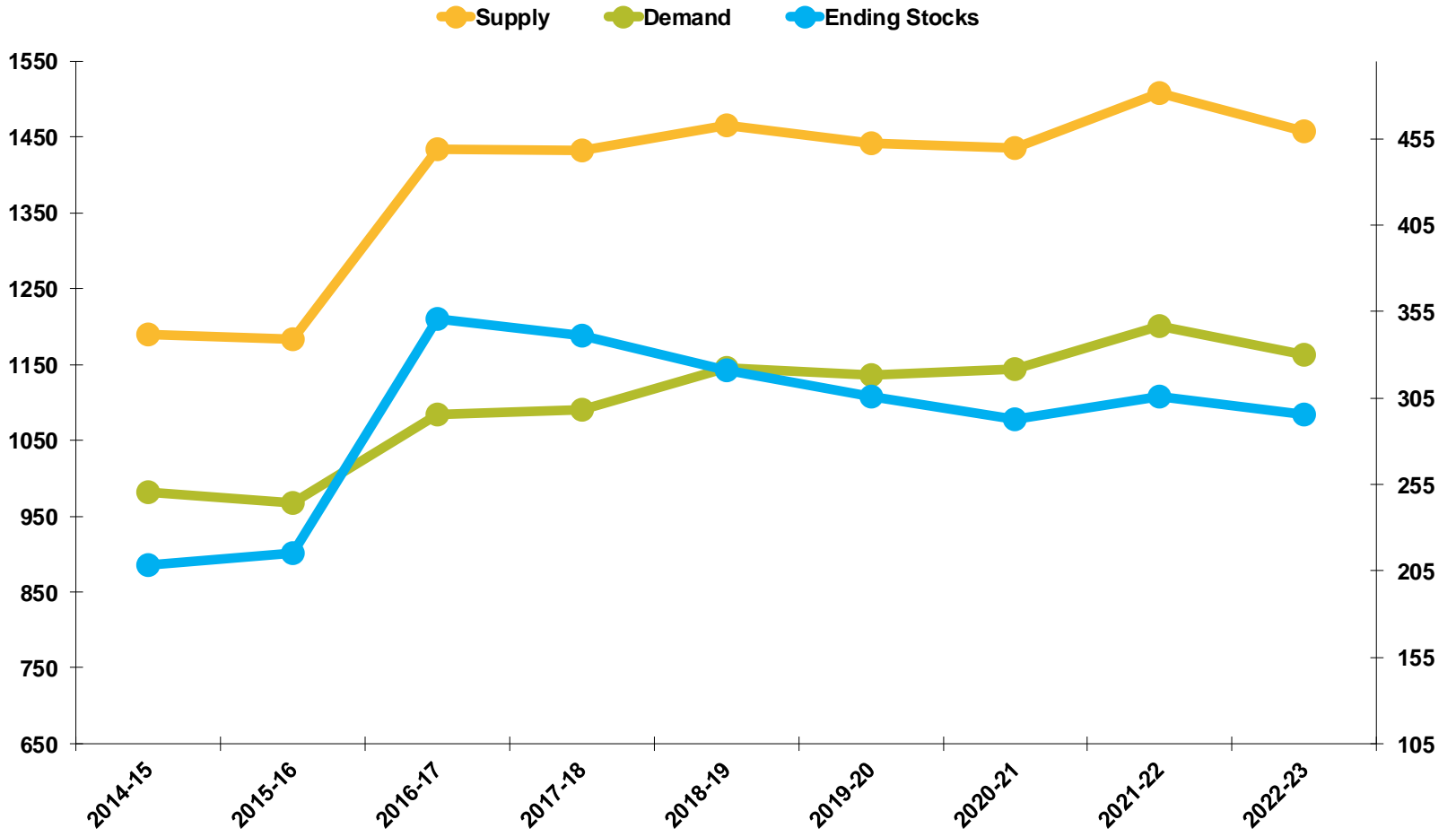
WORLD COARSE GRAIN



WORLD CORN SUPPLY & DEMAND

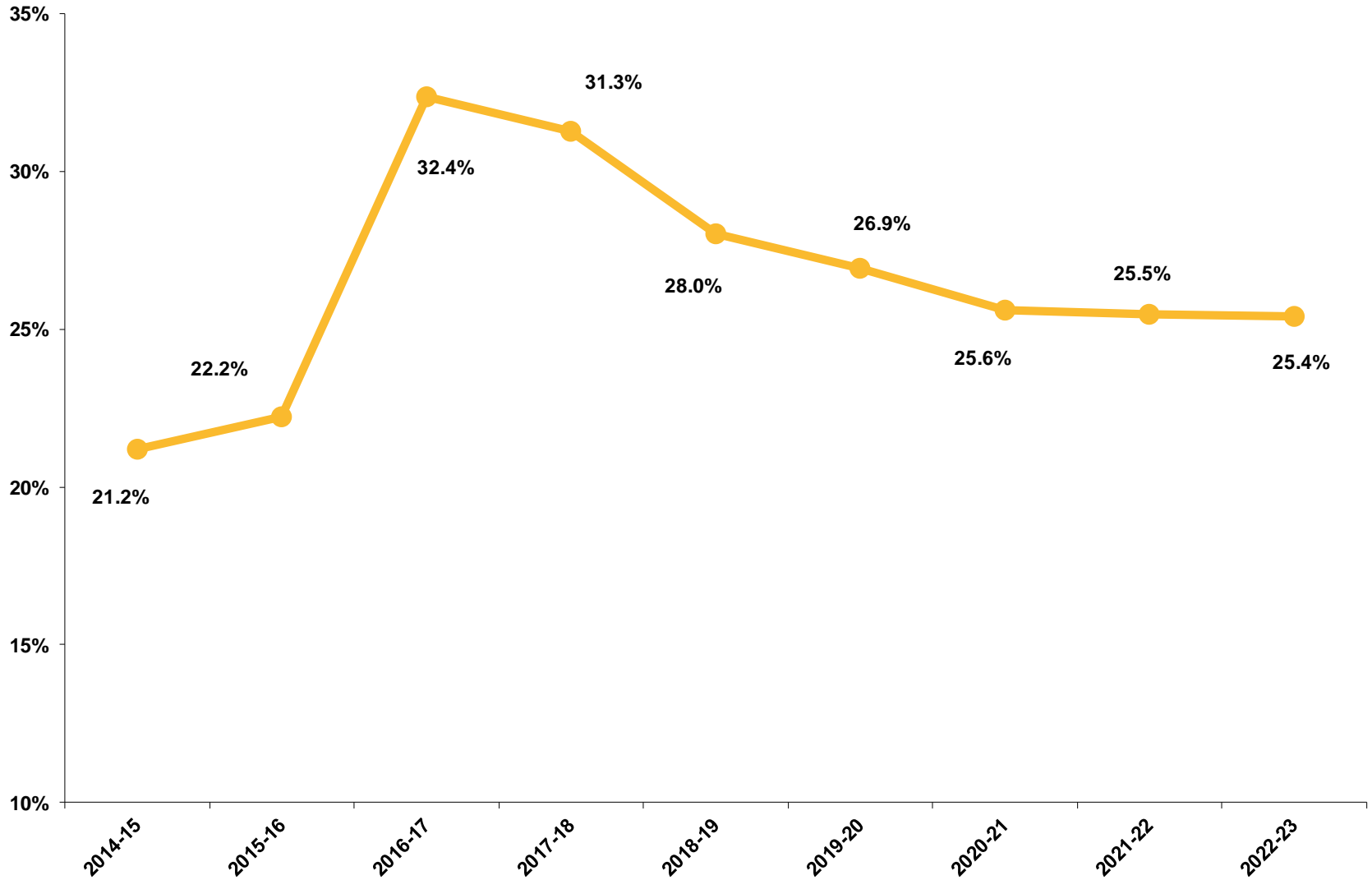
MMT
Supply &
Demand

MMT
Ending
Stocks



WORLD CORN

% ENDING STOCKS / DEMAND



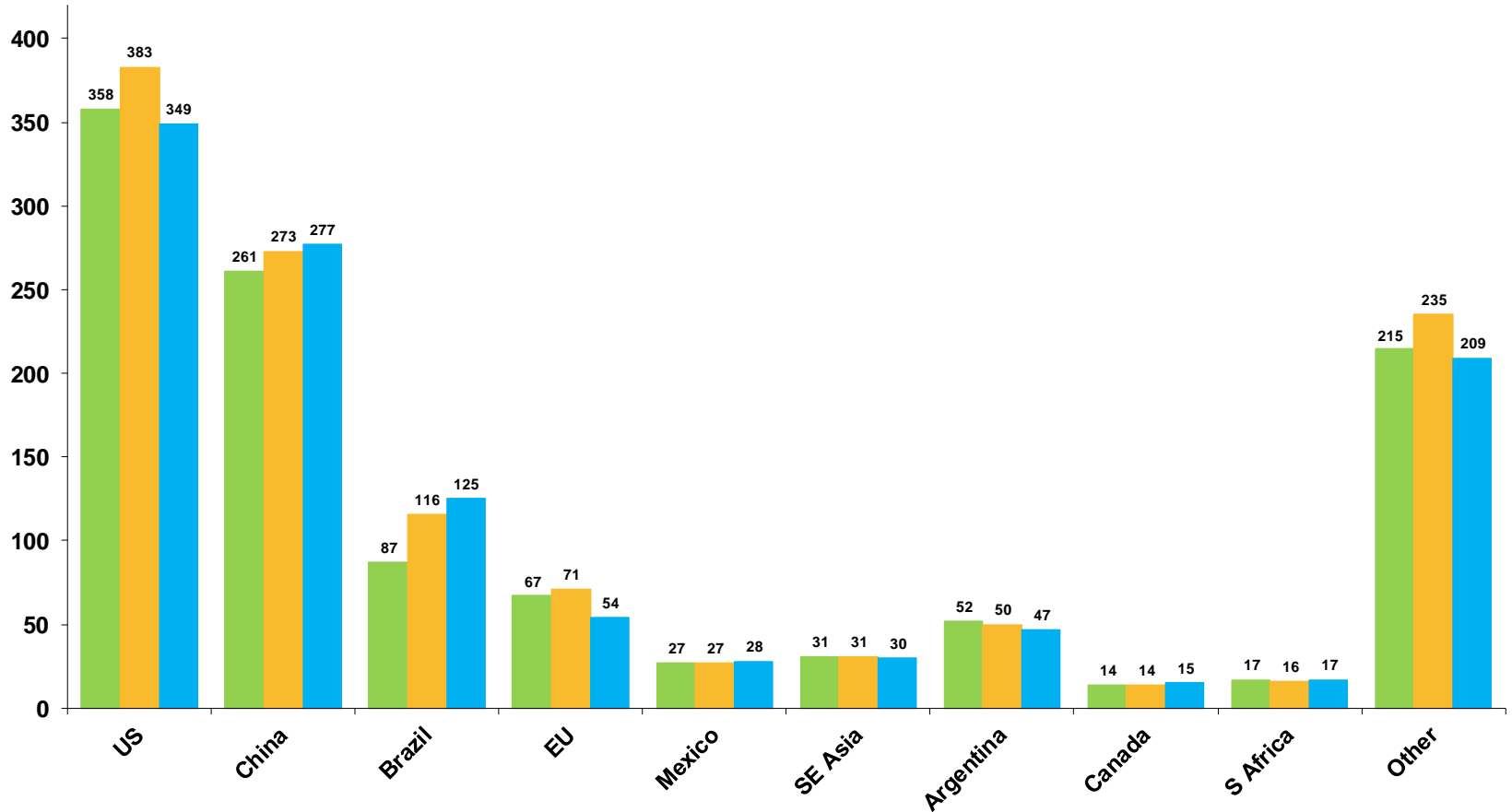
WORLD CORN PRODUCTION

M Metric Tons

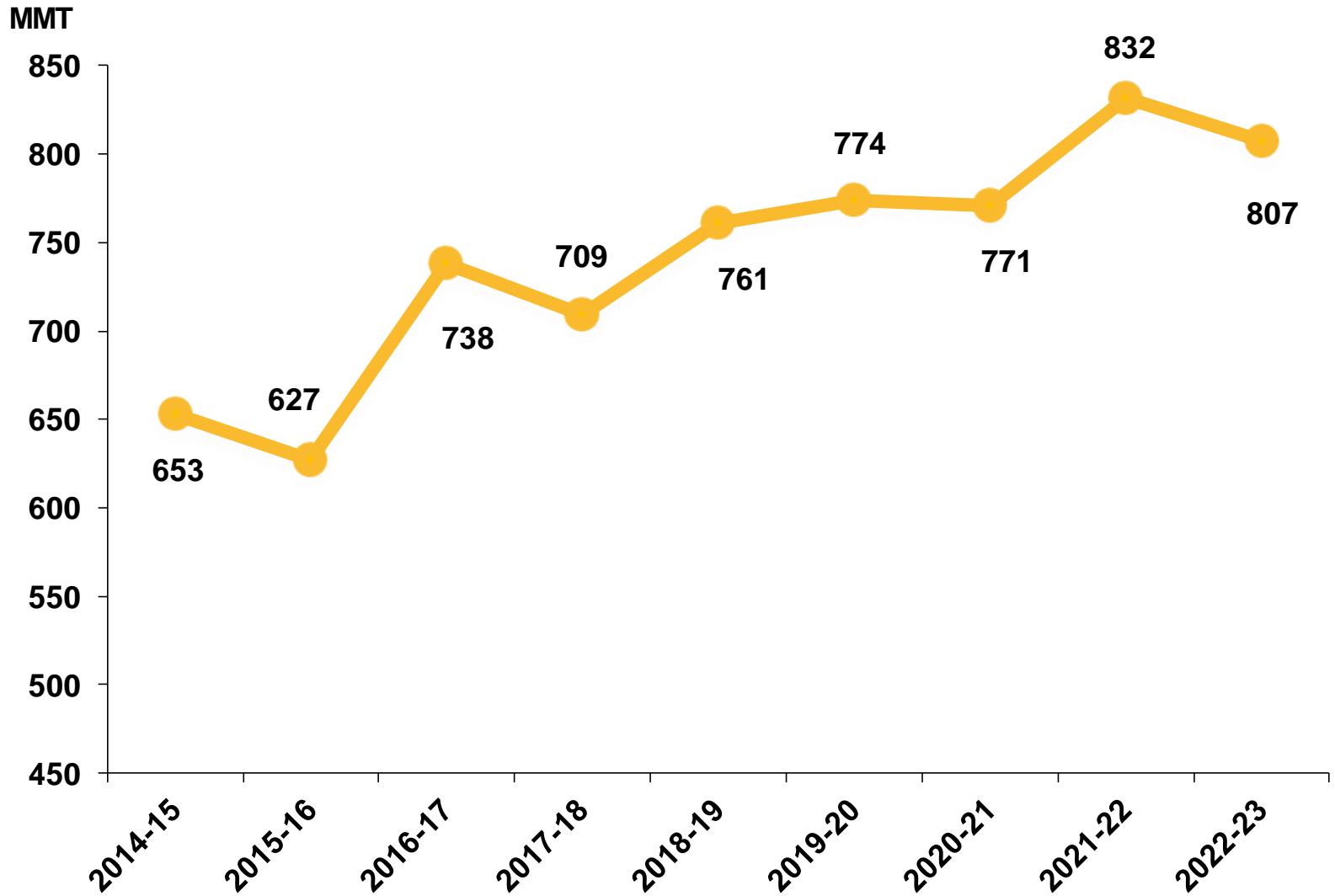
2020-21

Est. 2021-22

Proj 2022-23

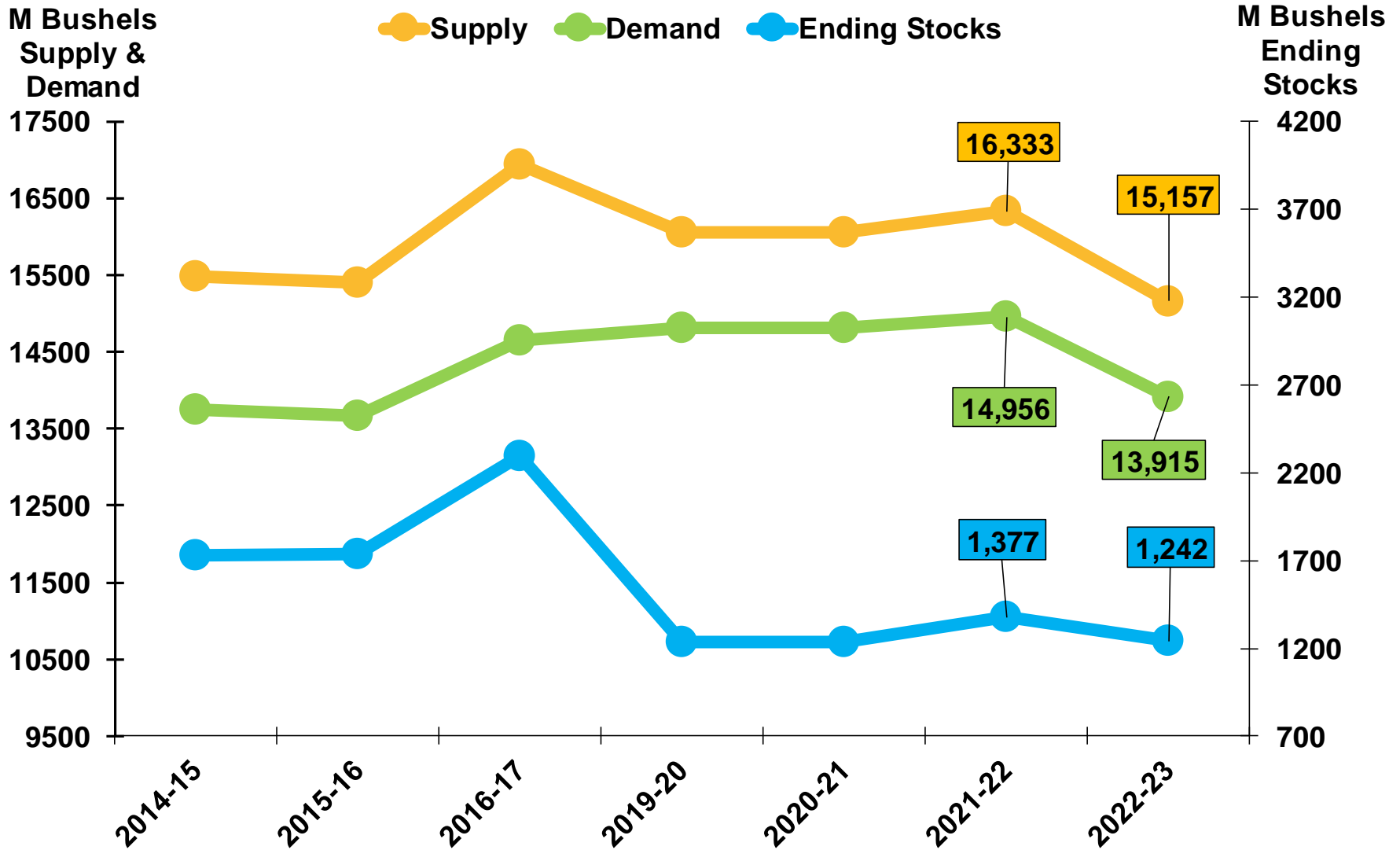


WORLD CORN PRODUCTION MINUS U.S.



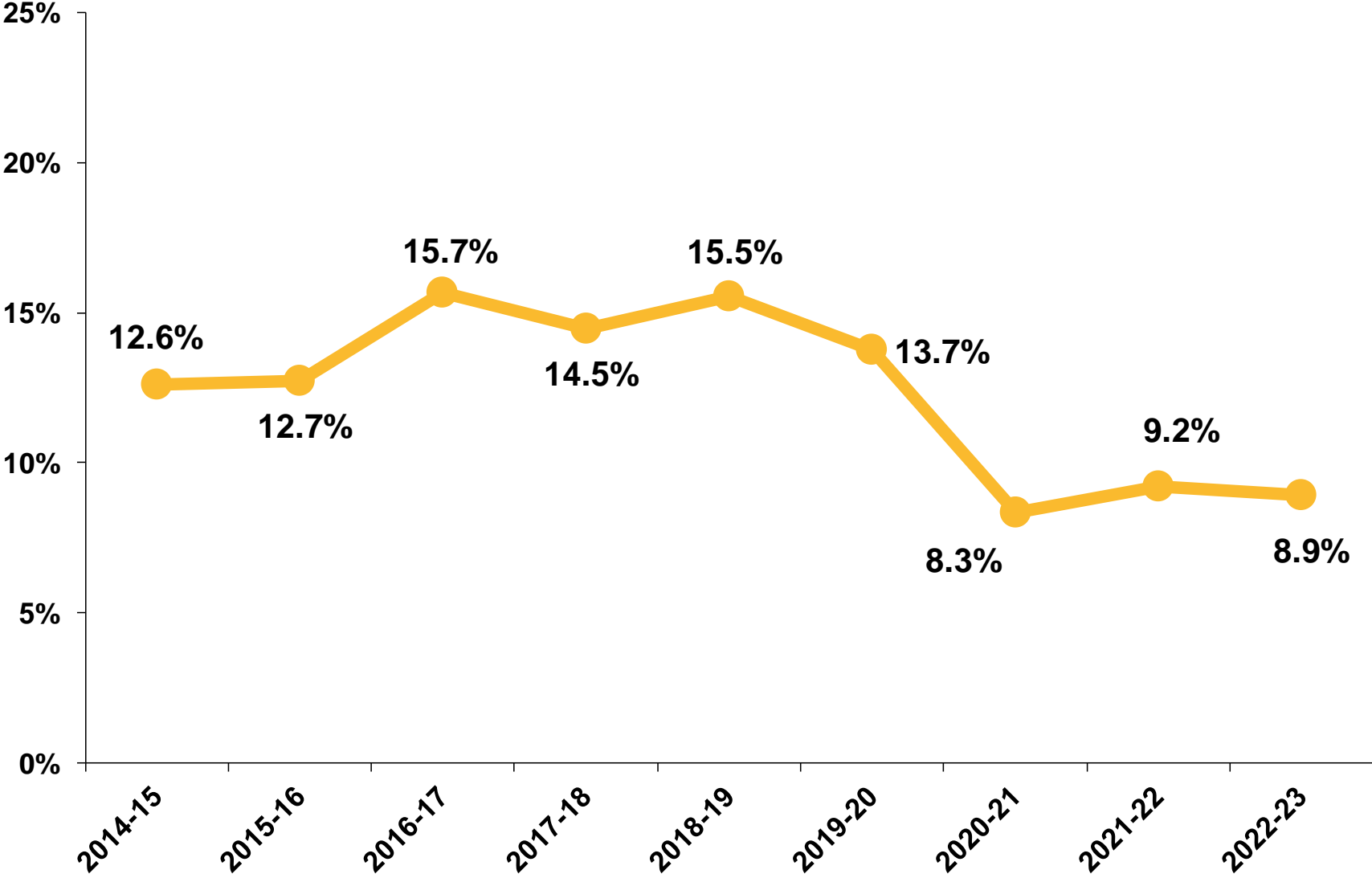
U.S. S&D Overview

U.S. CORN SUPPLY AND DEMAND



U.S. CORN

% ENDING STOCKS / TOTAL DEMAND



**U.S. - Supply
Old & New Crop
2021-22 & 2022-23**

U.S. CORN PRODUCTION

USDA February, 2023

	<u>2020-21</u>	<u>Est. 2021-22</u>	<u>Proj. 2022-23</u>
Planted (mil. acres)	90.7	93.3	88.6
Harvested (mil. acres)	82.3	85.3	79.2
Yield (bus./acre)	171.4	176.7	173.3
Production (mil. bu.)	14,111	15,074	13,730

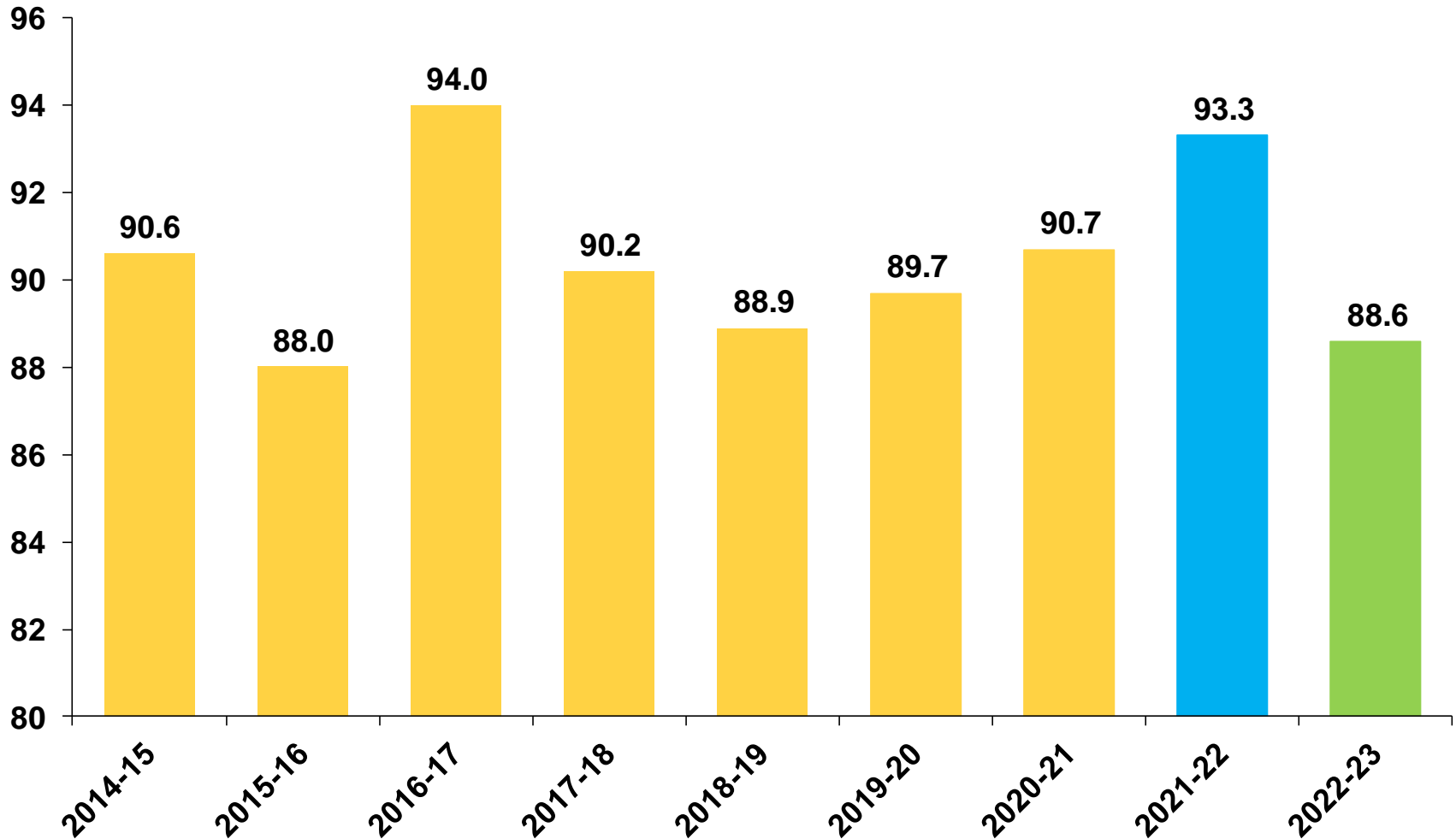
U.S. CORN SUPPLY / DEMAND

(million bushels)

	<u>2020-21</u>	<u>Est. 2021-22</u>	<u>Proj. 2022-23</u>
Beginning Stocks	1,919	1,235	1,377
Production	14,111	15,074	13,730
Imports	24	24	50
TOTAL SUPPLY	16,055	16,333	15,157
Feed	5,607	5,718	5,275
Food/Ind/Seed	6,467	6,766	6,690
Ethanol	5,028	5,326	5,250
Exports	2,747	2,471	1,925
TOTAL DEMAND	14,821	14,956	13,890
ENDING STOCKS	1,235	1,377	1,267
ENDING STOCKS / TOTAL DEMAND	8.3%	9.2%	9.1%
Average Farm Price	\$4.53	\$6.00	\$6.70

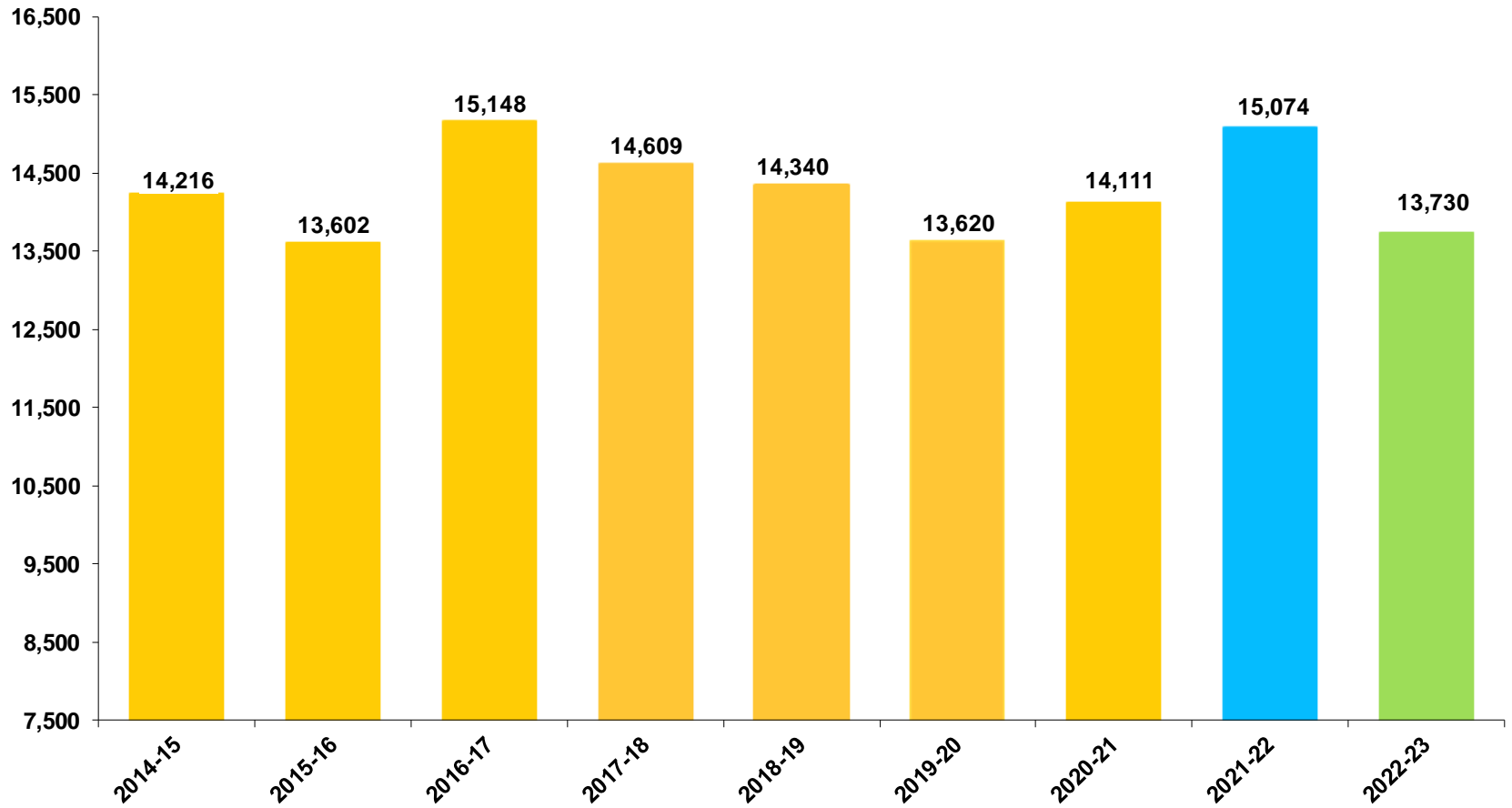
U.S. CORN PLANTED ACRES

M Acres



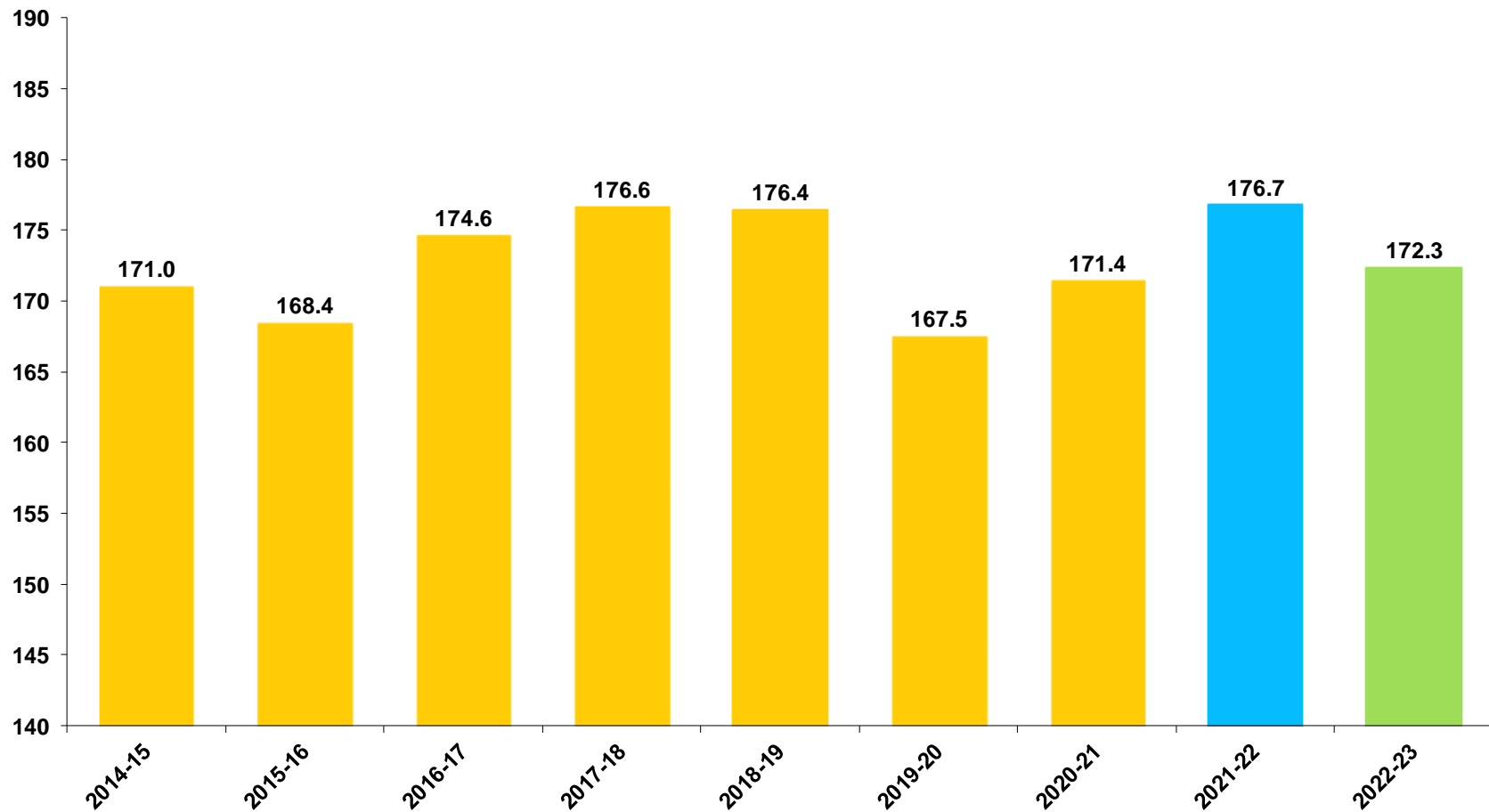
U.S. CORN PRODUCTION

M Bushels



U.S. CORN YIELD

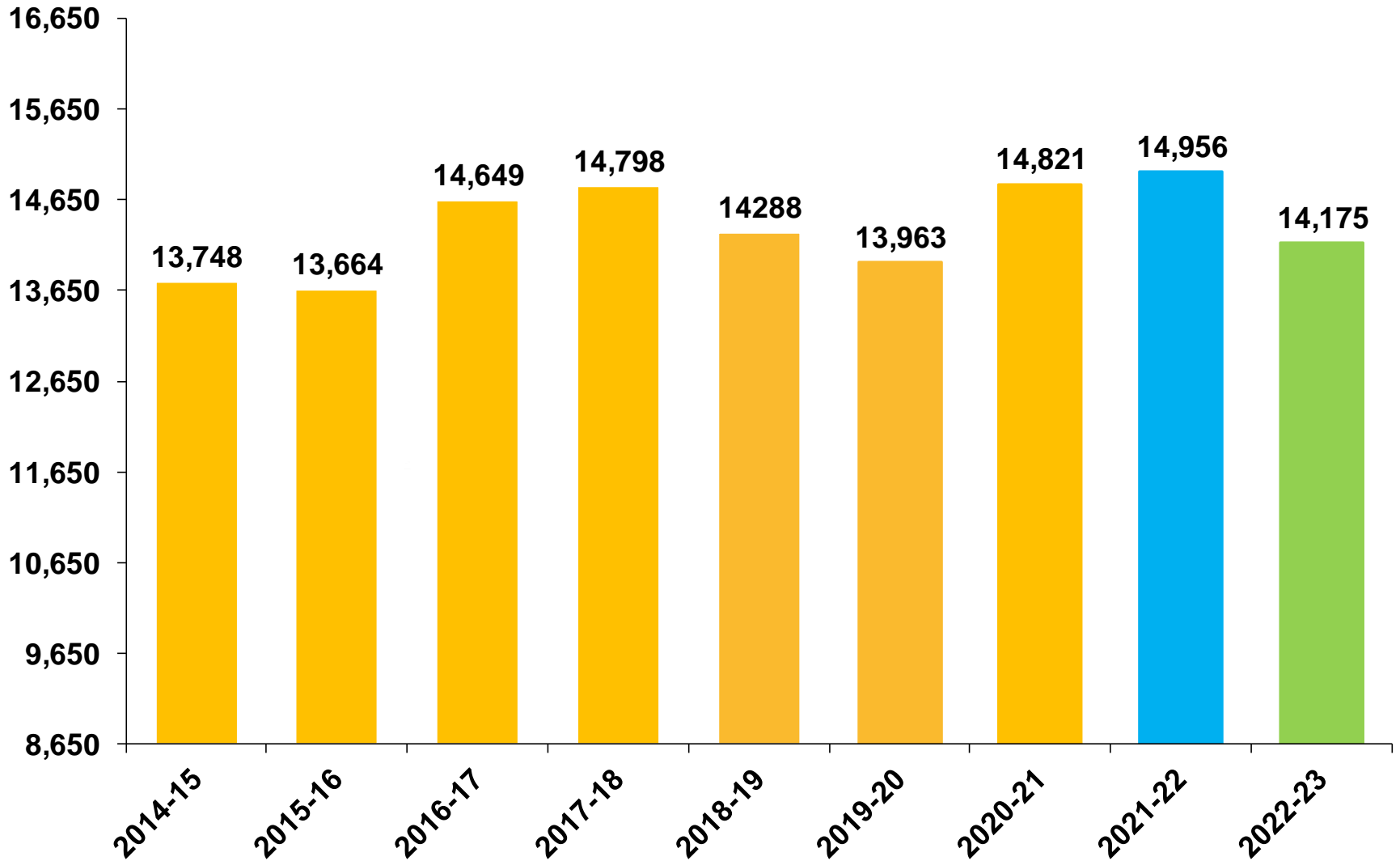
Bu./Acre



**U.S. - Demand
Old & New Crop
2021-22 & 2022-23**

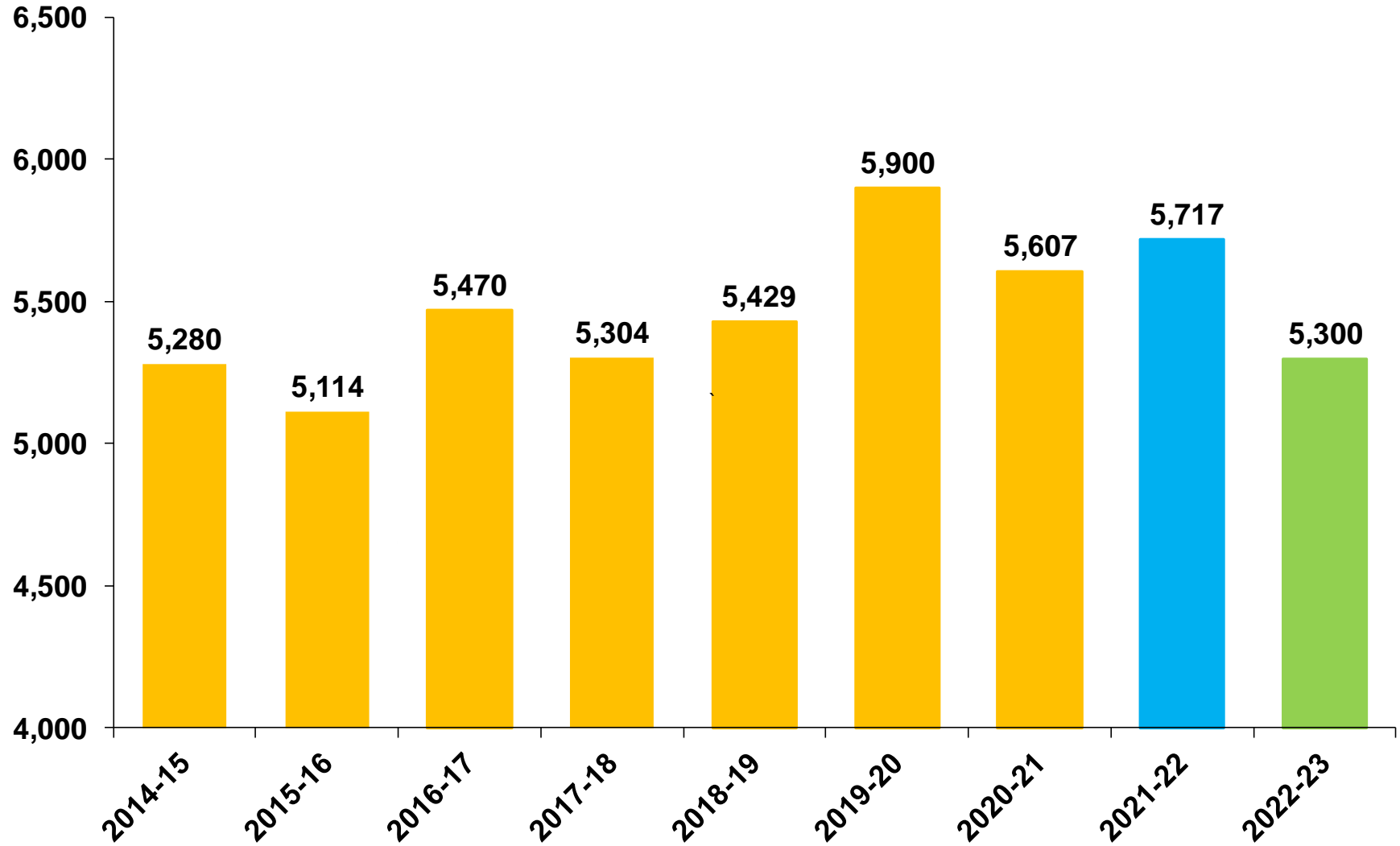
U.S TOTAL DEMAND

M Bushels



U.S. FEED DEMAND

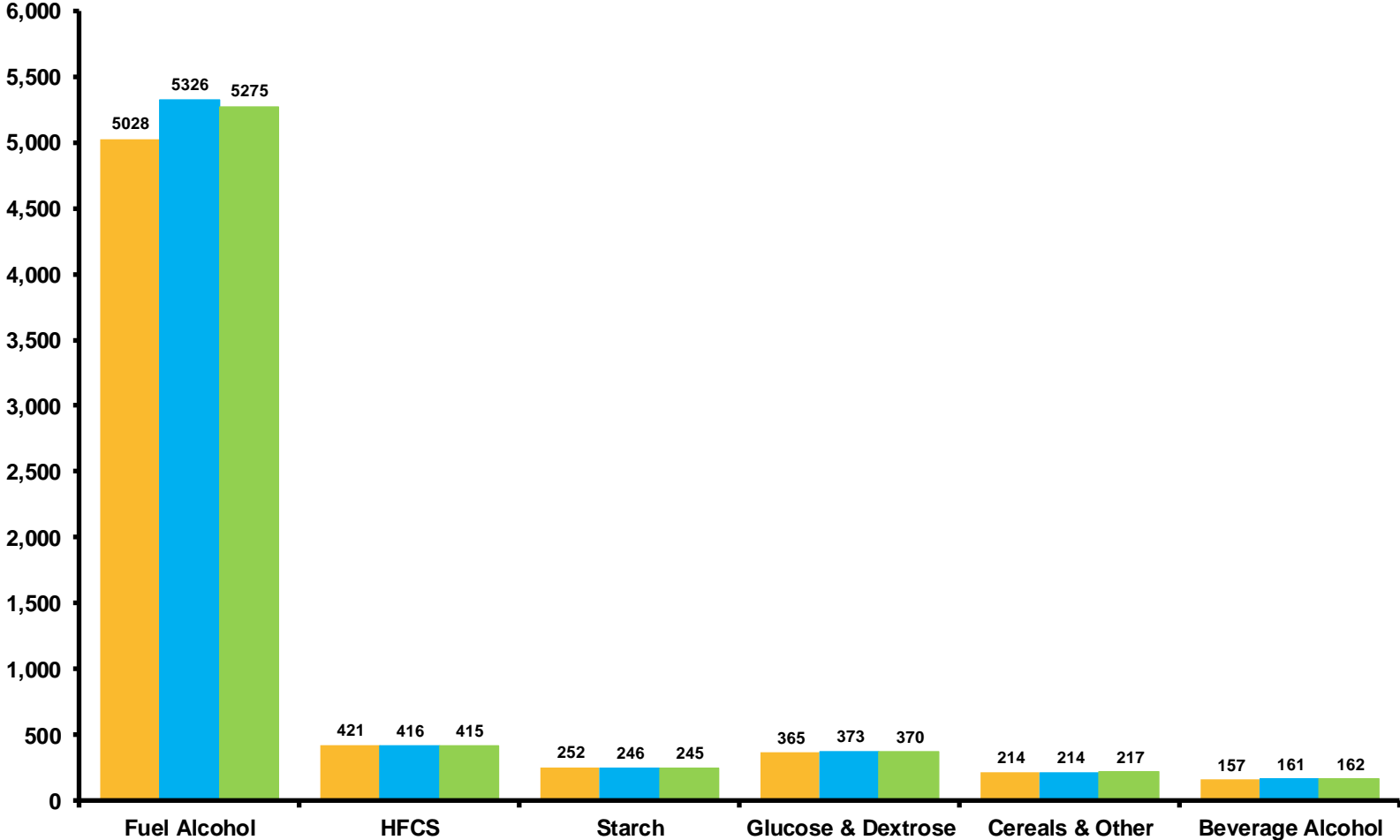
M Bushels



U.S. INDUSTRIAL DEMAND

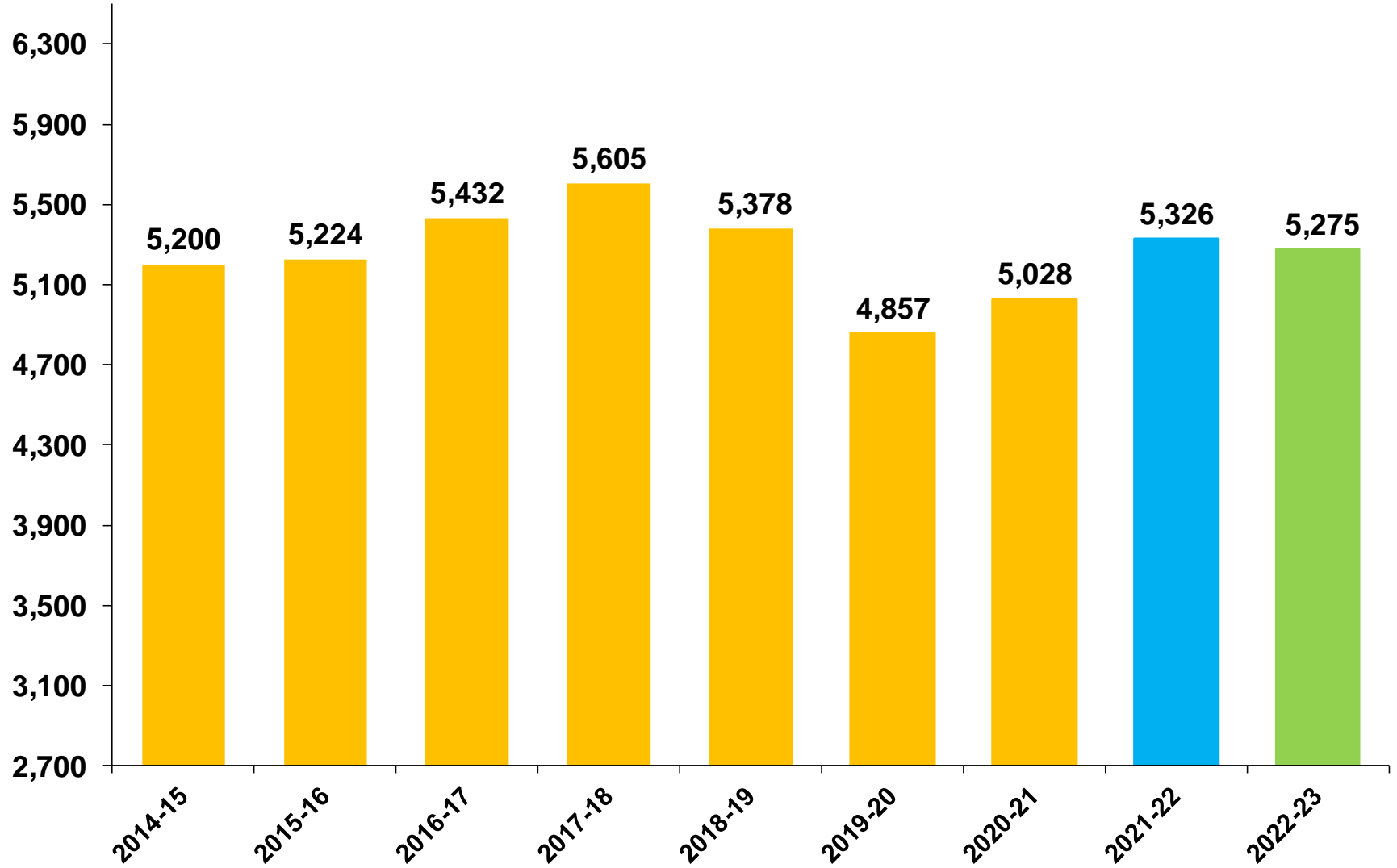
M Bushels

2020-21 2021-22 2022-23



U.S. ETHANOL DEMAND

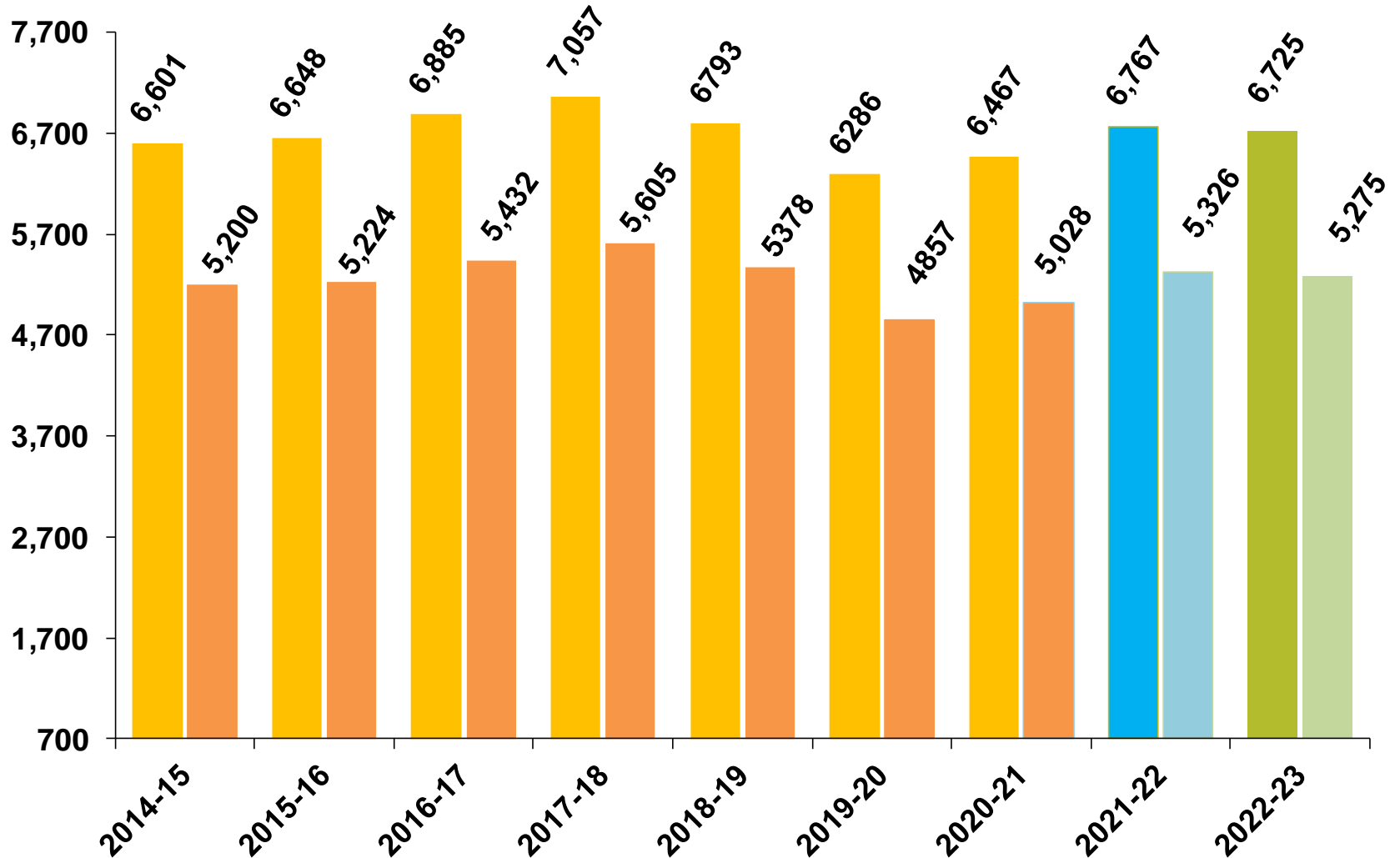
M Bushels



INCREASE IN FOOD SEED & INDUSTRIAL

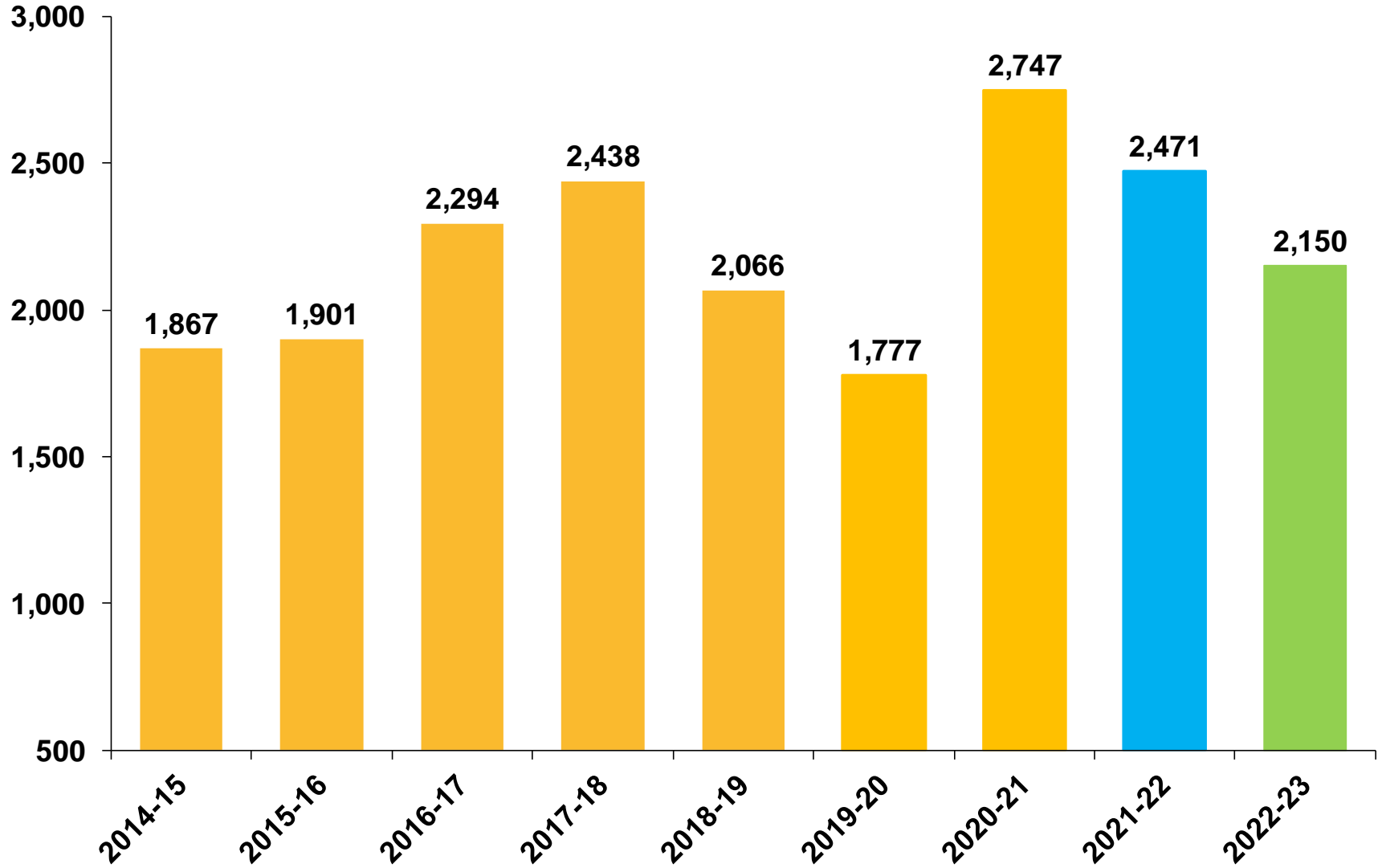
M Bushels

Industrial Ethanol



U.S. EXPORT DEMAND

M Bushels



U.S. CORN PRODUCTION

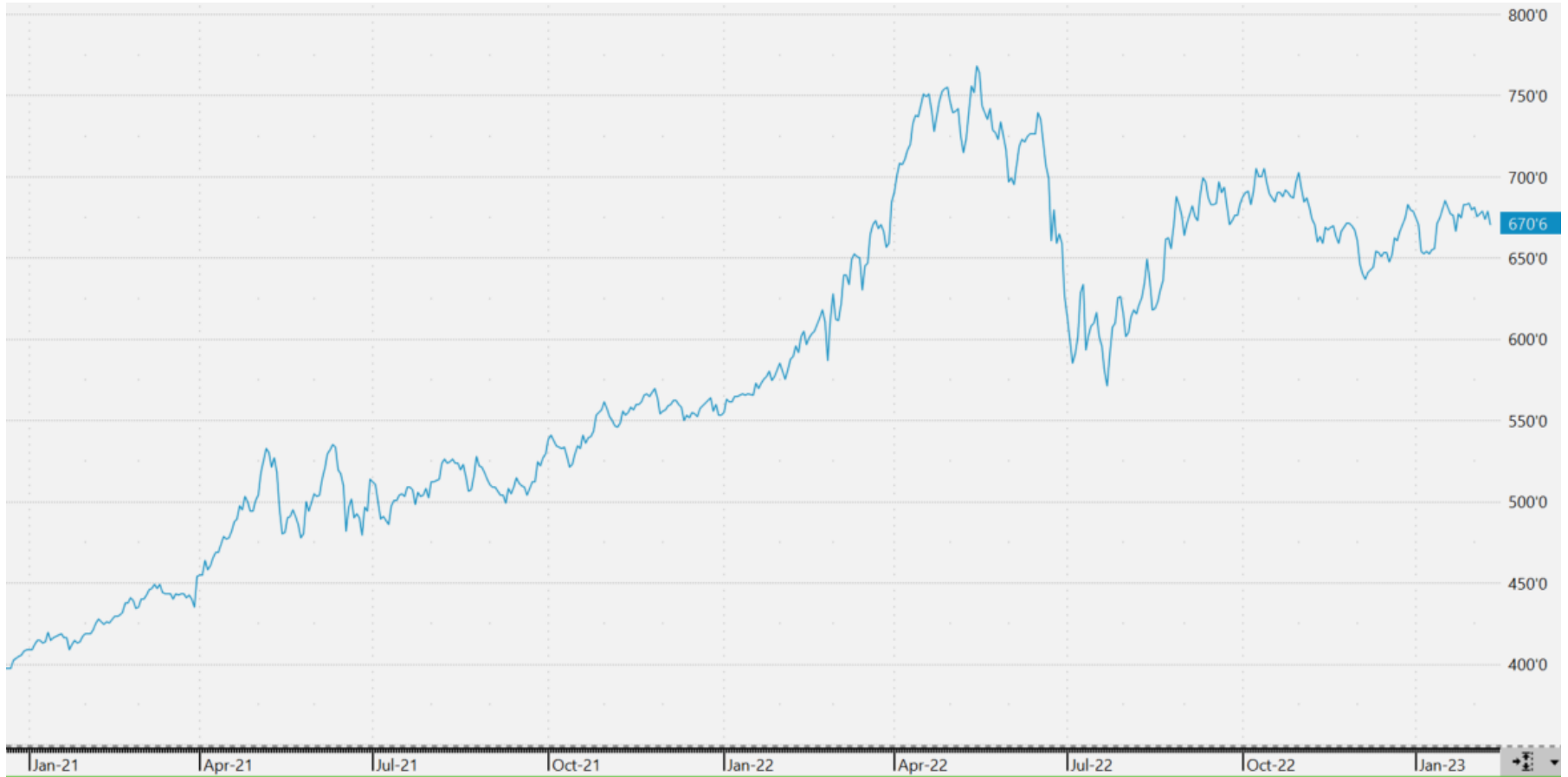
	USDA February 2023		2022-23 Yield Scenarios			
	<u>2020-21</u>	<u>2021-22</u>			<u>2022-23</u>	
Planted (mil. acres)	90.7	93.3	88.6	88.6	88.6	88.6
Harvested (mil. acres)	82.3	85.3	79.2	79.2	79.2	79.2
Yield (bus./acre)	171.4	176.7	172.5	172.9	173.3	173.7
Production (mil. bu.)	14,111	15,074	13,662	13,694	13,730	13,757

U.S. CORN SUPPLY / DEMAND

(million bushels)

	<u>2020-21</u>	<u>2021-22</u>				
Beginning Stocks	1,919	1,235	1,377	1,377	1,377	1,377
Production	14,111	15,074	13,662	13,694	13,730	13,757
Imports	24	24	50	50	50	50
TOTAL SUPPLY	16,055	16,333	15,089	15,121	15,157	15,184
Feed	5,607	5,718	5,275	5,275	5,275	5,275
Food/Ind/Seed	6,467	6,766	6,715	6,715	6,715	6,715
Ethanol	(5,028)	(5,326)	(5,275)	(5,275)	(5,275)	(5,275)
Exports	<u>2,747</u>	<u>2,471</u>	<u>1,925</u>	<u>1,925</u>	<u>1,925</u>	<u>1,925</u>
TOTAL DEMAND	14,821	14,956	13,915	13,915	13,915	13,915
ENDING STOCKS	1,235	1,377	1,174	1,206	1,242	1,269
Stocks/Usage	8.3%	9.2%	8.4%	8.7%	8.9%	9.1%

Daily March '23 Corn Futures



Source: Marketview

In Summary

- **US Corn used for ethanol was reduced by 25 million bushels. That's a 1.4% decrease year over year.**
- **With no other changes to US Supply and Demand, US ending stocks increased 25 million bushels.**
- **The average farm price of corn was unchanged at \$6.70.**
- **Argentina's production is reduced 5.0 million tons which equates to a 9.6% decrease to their corn crop.**
- **Global corn ending stocks were further reduced to 295.3 million tons.**

Thank You

