

# Grain Processing Corporation



Prepared By  
**Supply Chain**  
**Commodity Department**

# **Corn Market Perspective**

**July 12, 2023**

# **World S&D Overview**

# WORLD COARSE GRAIN SUPPLY & DEMAND

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

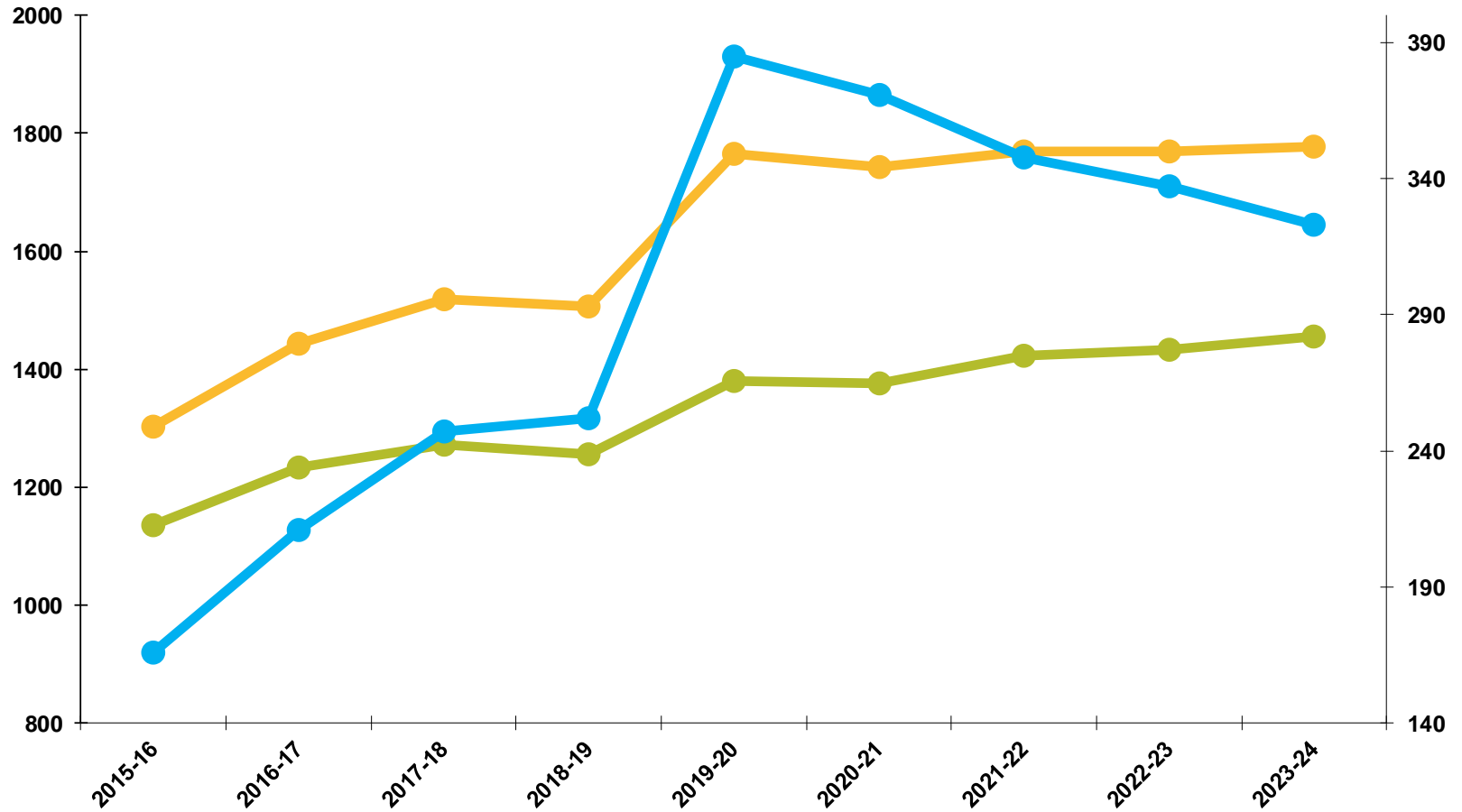
MMT  
Supply &  
Demand

Supply

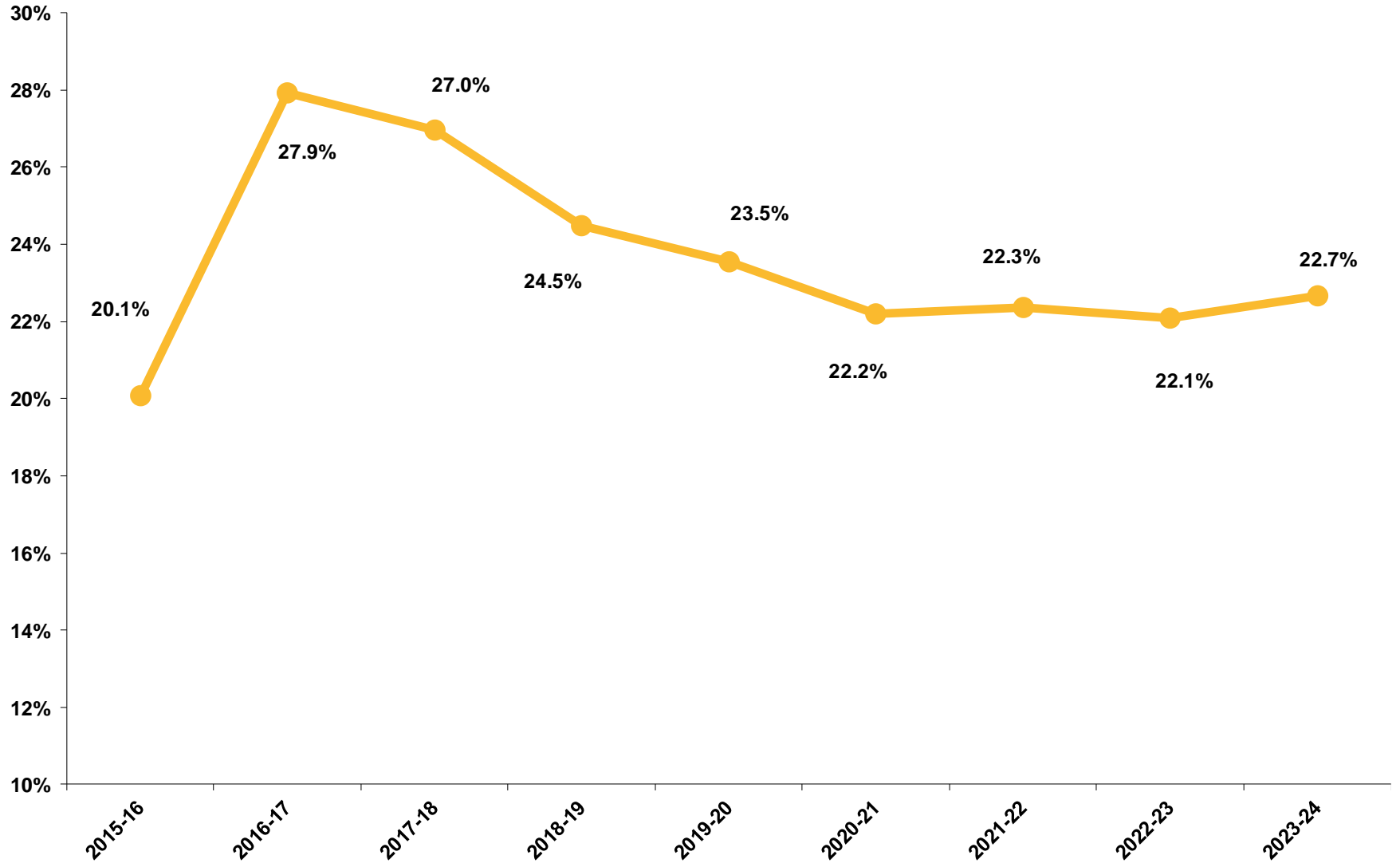
Demand

Ending Stocks

MMT  
Ending Stocks



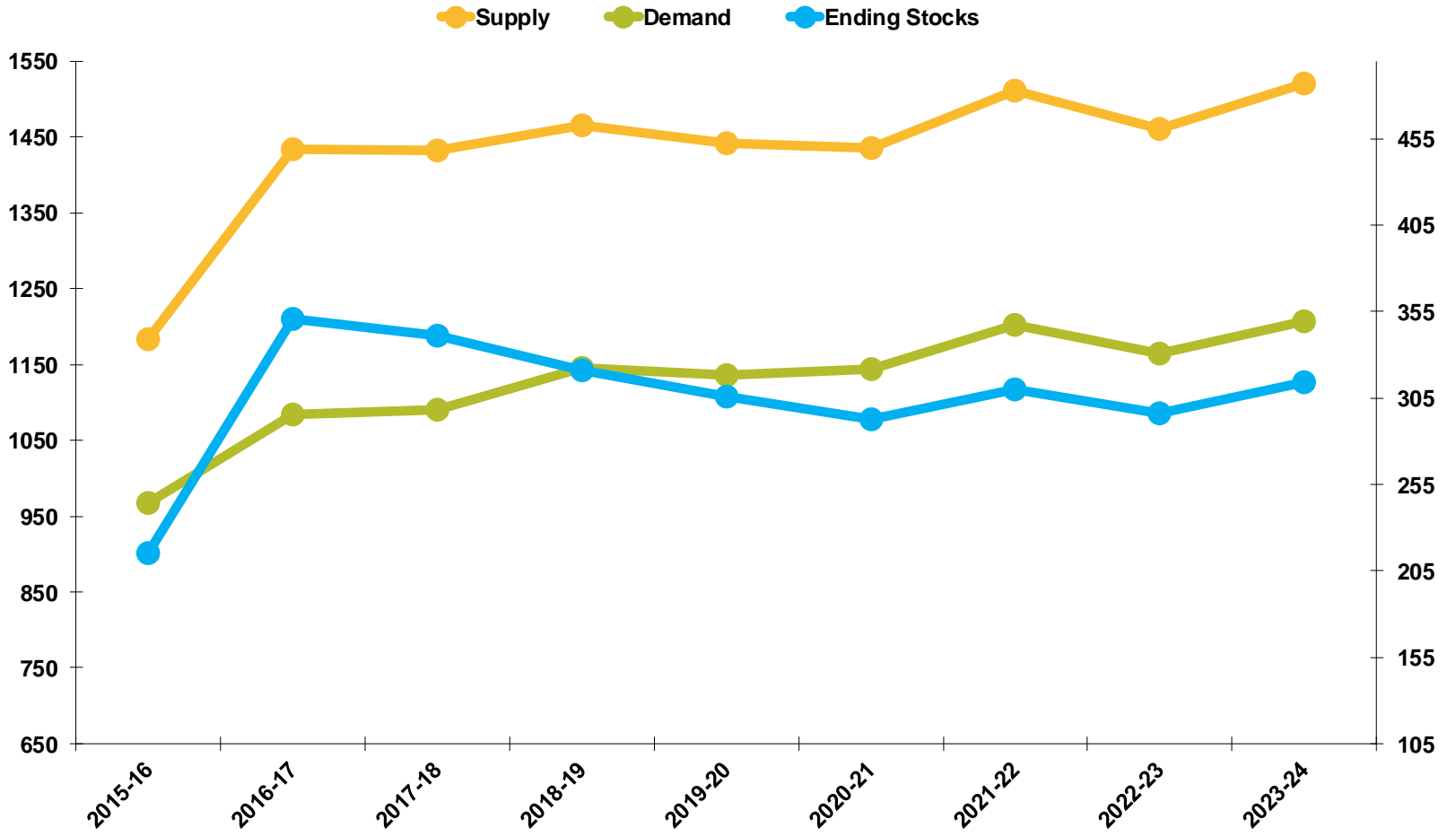
# WORLD COARSE GRAIN



# WORLD CORN SUPPLY & DEMAND

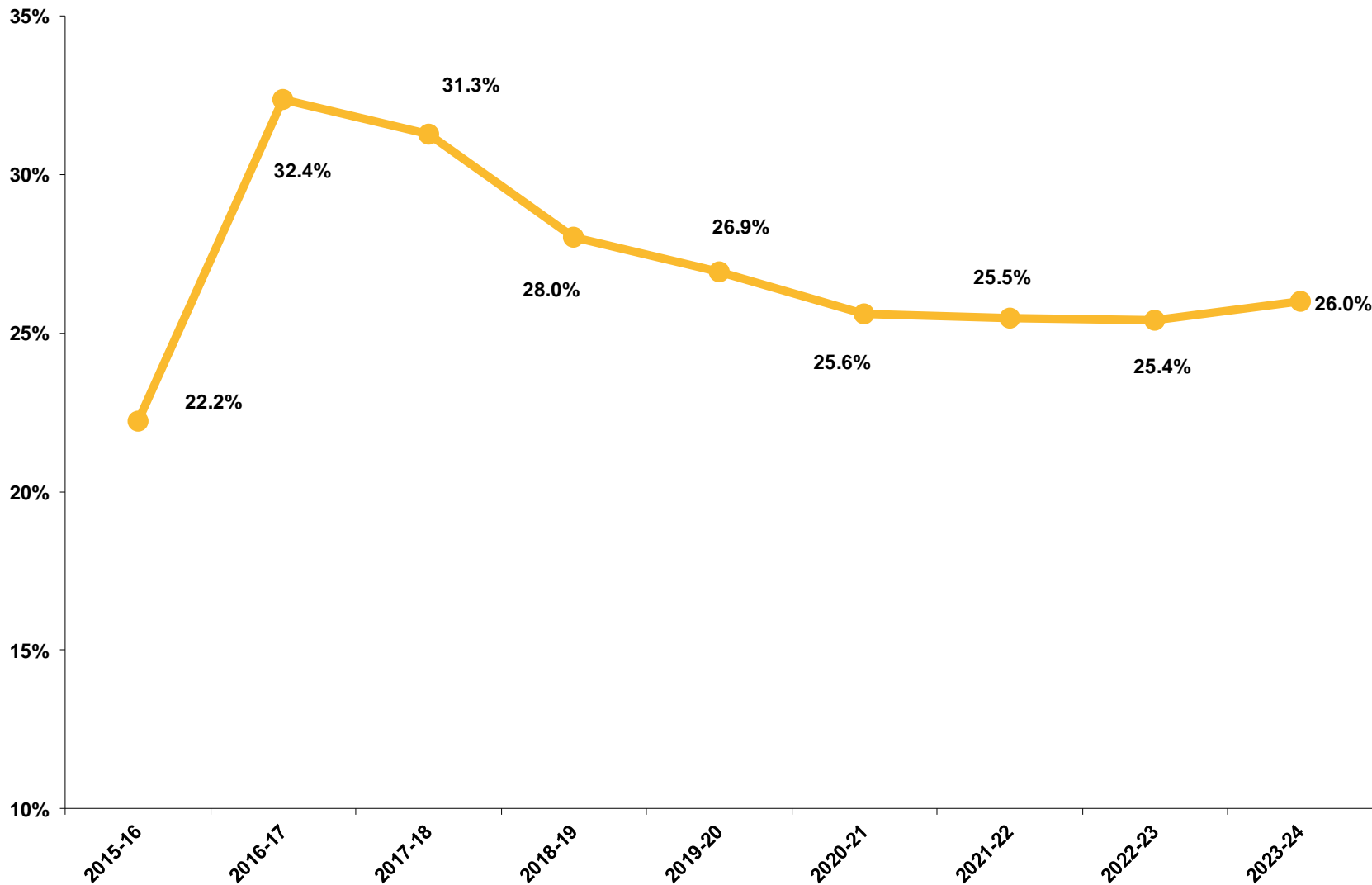
MMT  
Supply &  
Demand

MMT  
Ending  
Stocks

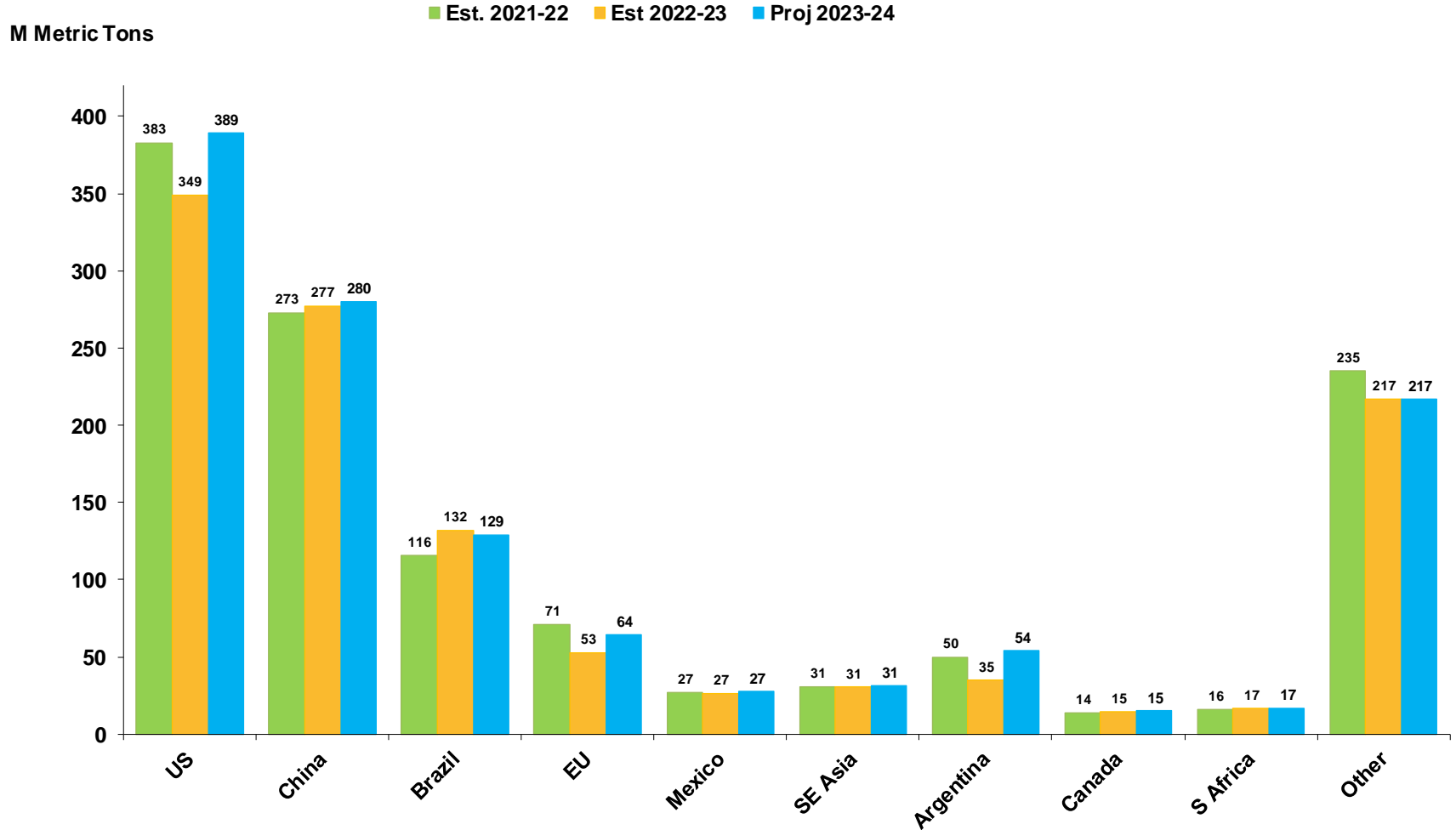


# WORLD CORN

## % ENDING STOCKS / DEMAND



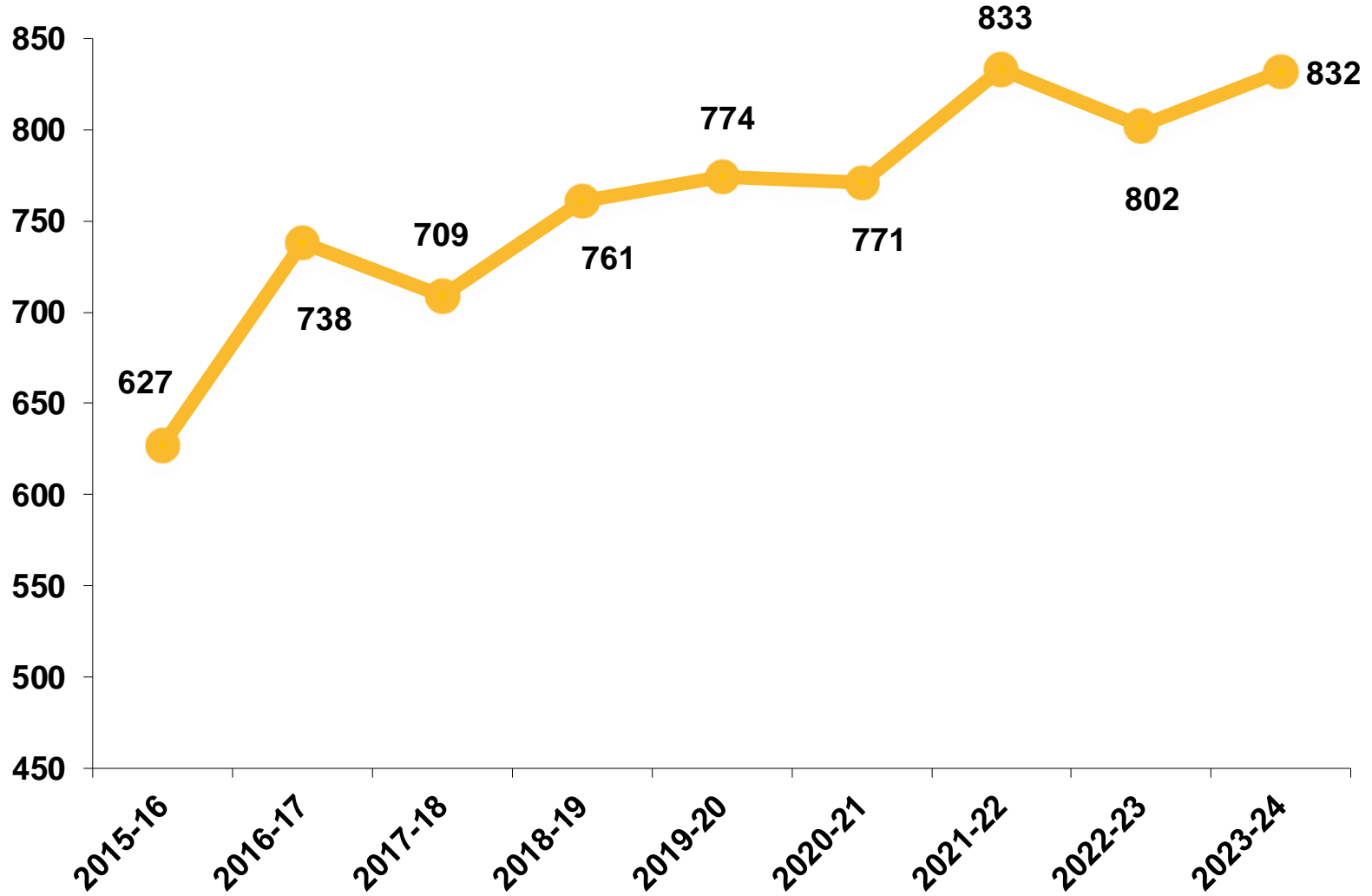
# WORLD CORN PRODUCTION





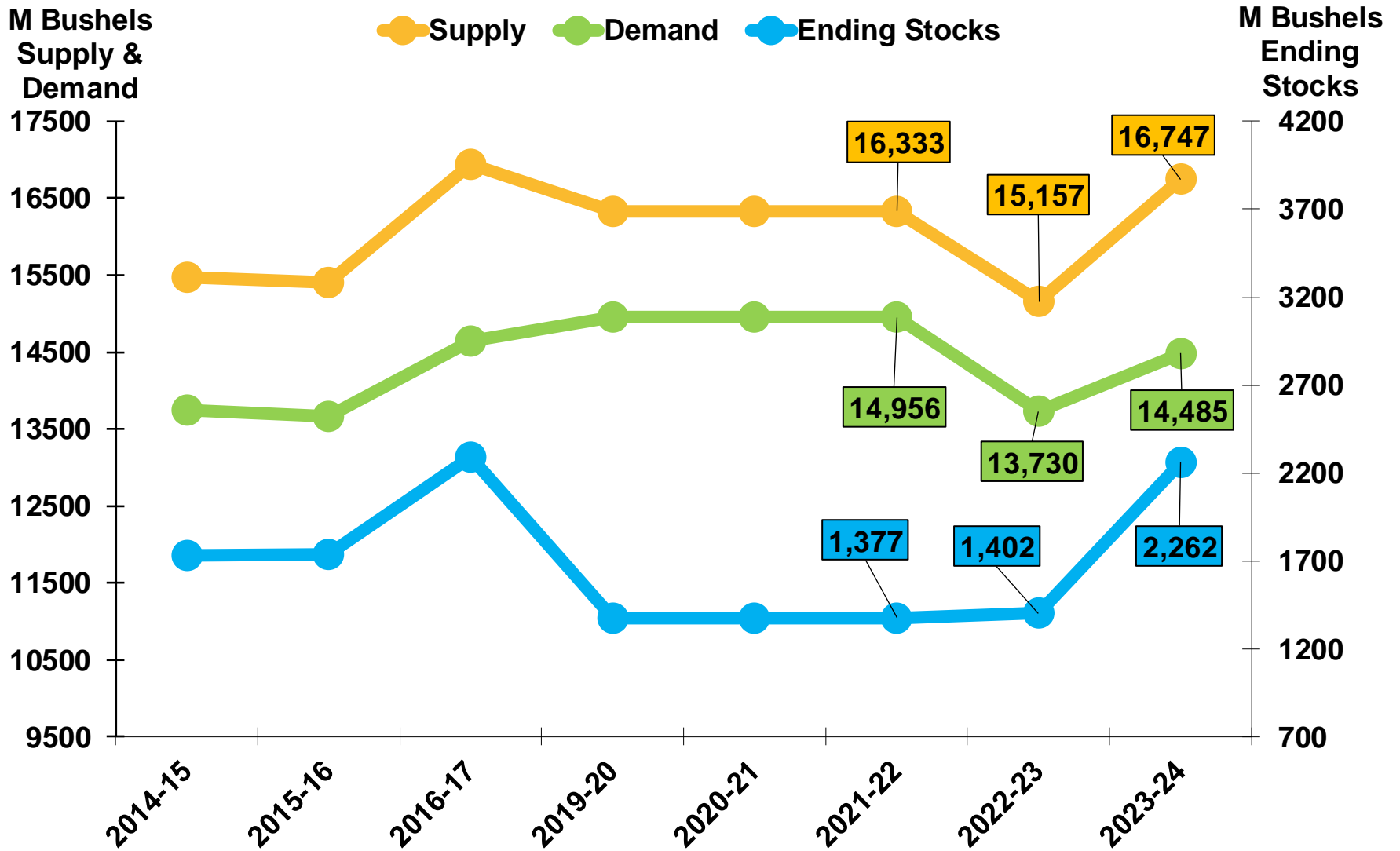
# WORLD CORN PRODUCTION MINUS U.S.

MMT



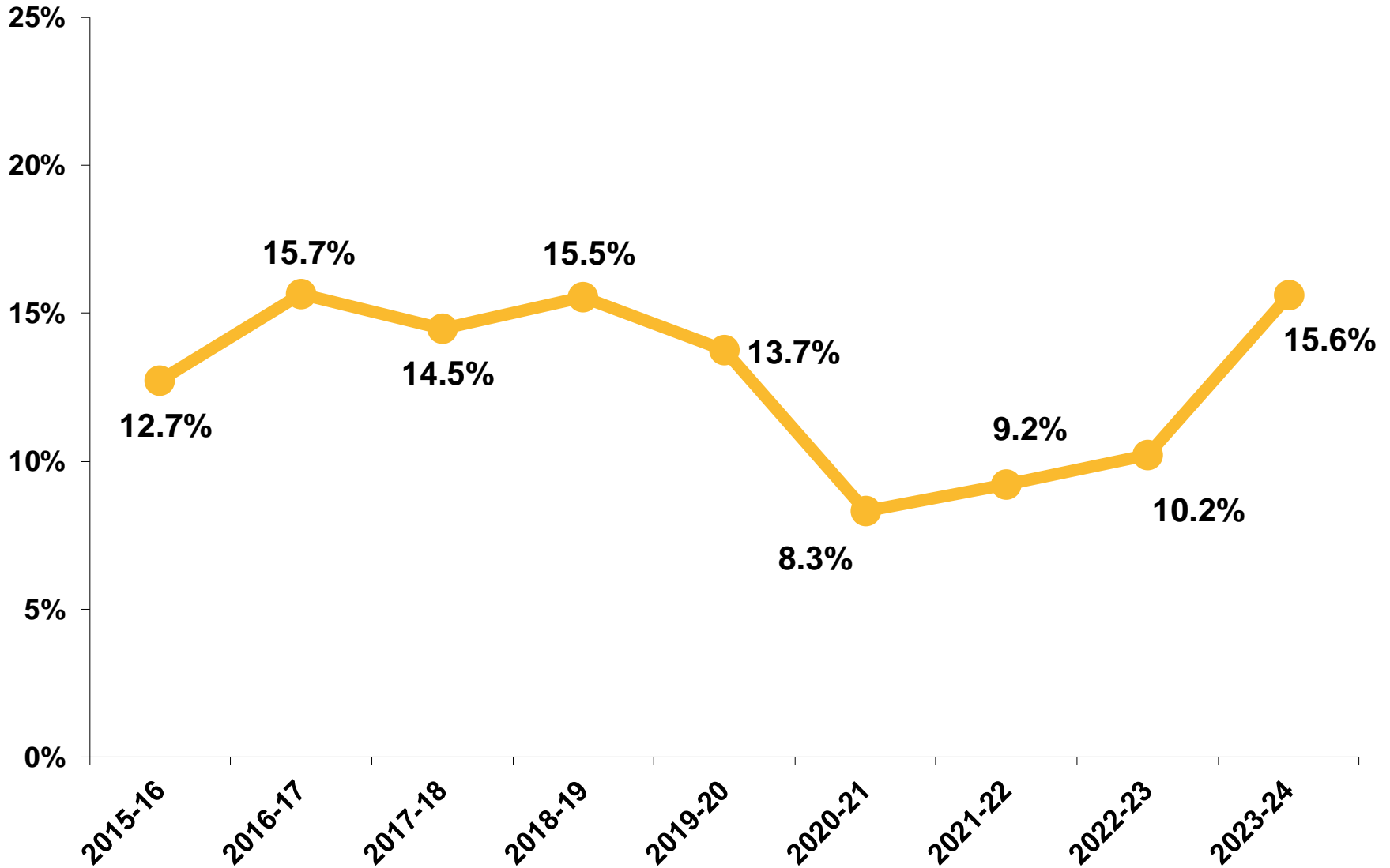
**U.S.  
S&D  
Overview**

# U.S. CORN SUPPLY AND DEMAND



# U.S. CORN

## % ENDING STOCKS / TOTAL DEMAND



**U.S. - Supply  
Old & New Crop  
2022-23 & 2023-24**

# U.S.D.A. WASDE

## U.S. CORN PRODUCTION

USDA May, 2023

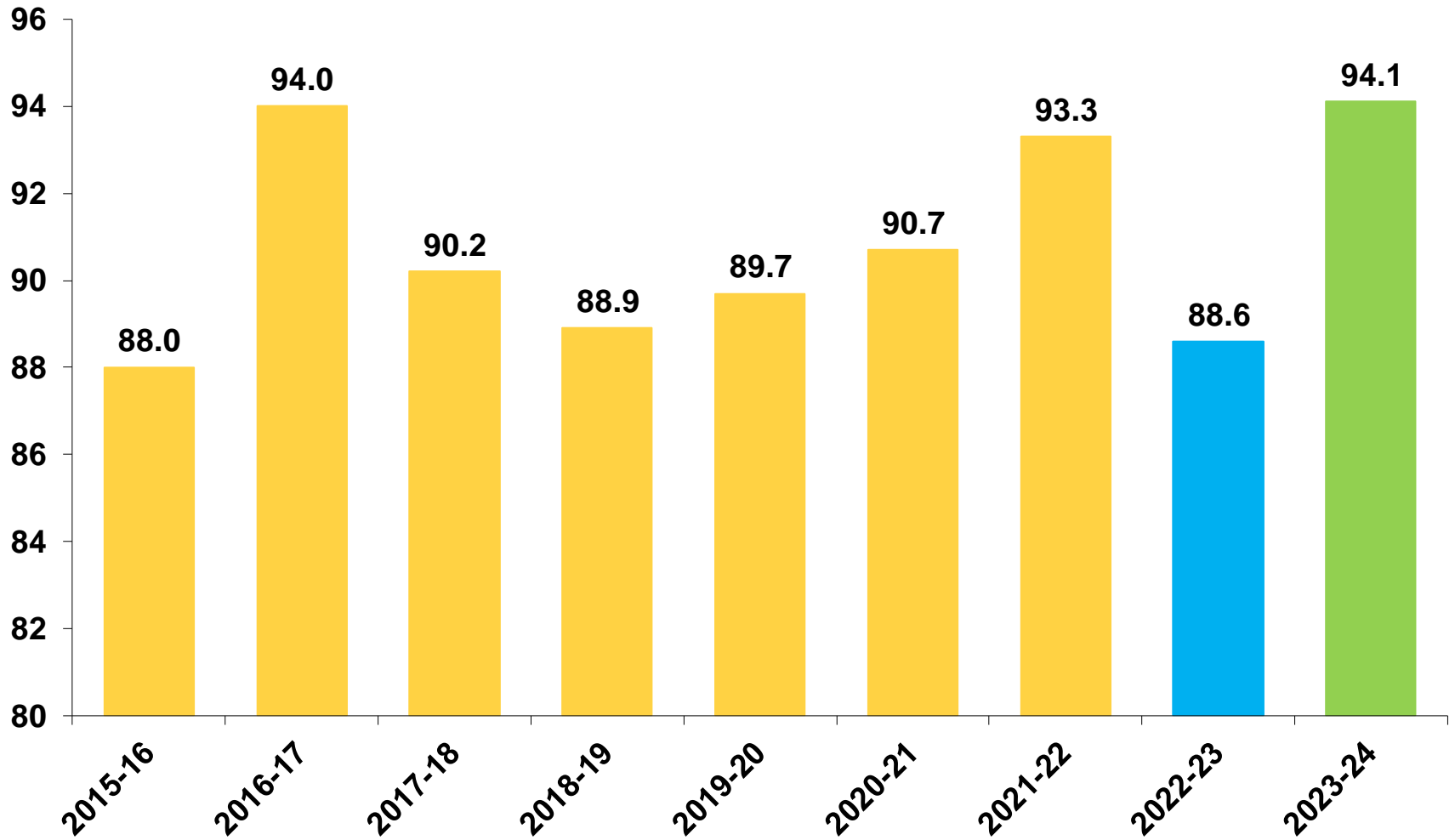
	<u>2021-22</u>	<u>Est. 2022-23</u>	<u>Proj 2023-24</u>
Planted (mil. acres)	93.3	88.6	94.1
Harvested (mil. acres)	85.3	79.2	86.3
<b>Yield (bus./acre)</b>	<b>176.7</b>	<b>173.3</b>	<b>177.5</b>
Production (mil. bu.)	15,074	13,730	15,320

## U.S. CORN SUPPLY / DEMAND

	<u>2021-22</u>	<u>Est. 2022-23</u>	<u>Proj 2023-24</u>
Beginning Stocks	1,235	1,377	1,402
Production	15,074	13,730	15,320
Imports	24	25	25
<b>TOTAL SUPPLY</b>	<b>16,333</b>	<b>15,157</b>	<b>16,747</b>
Feed	5,719	5,425	5,650
Food/Ind/Seed	6,764	6,655	6,735
Ethanol	5,326	5,225	5,300
Exports	2,472	1,650	2,100
<b>TOTAL DEMAND</b>	<b>14,956</b>	<b>13,730</b>	<b>14,485</b>
<b>ENDING STOCKS</b>	<b>1,377</b>	<b>1,402</b>	<b>2,262</b>
<b>ENDING STOCKS / TOTAL DEMAND</b>	<b>9.2%</b>	<b>10.2%</b>	<b>15.6%</b>
Average Farm Price	\$6.00	\$6.60	\$4.80

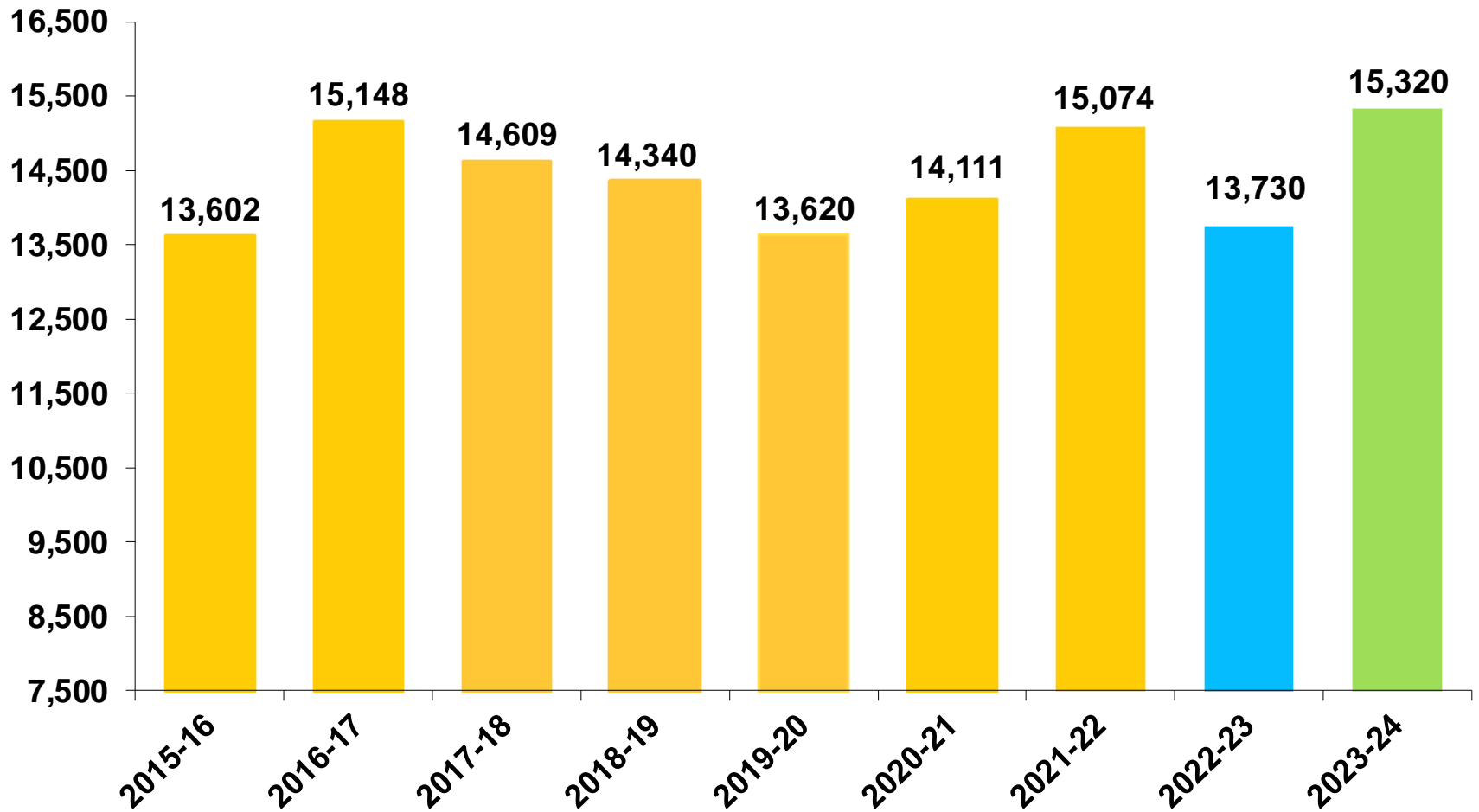
# U.S. CORN PLANTED ACRES

M Acres



# U.S. CORN PRODUCTION

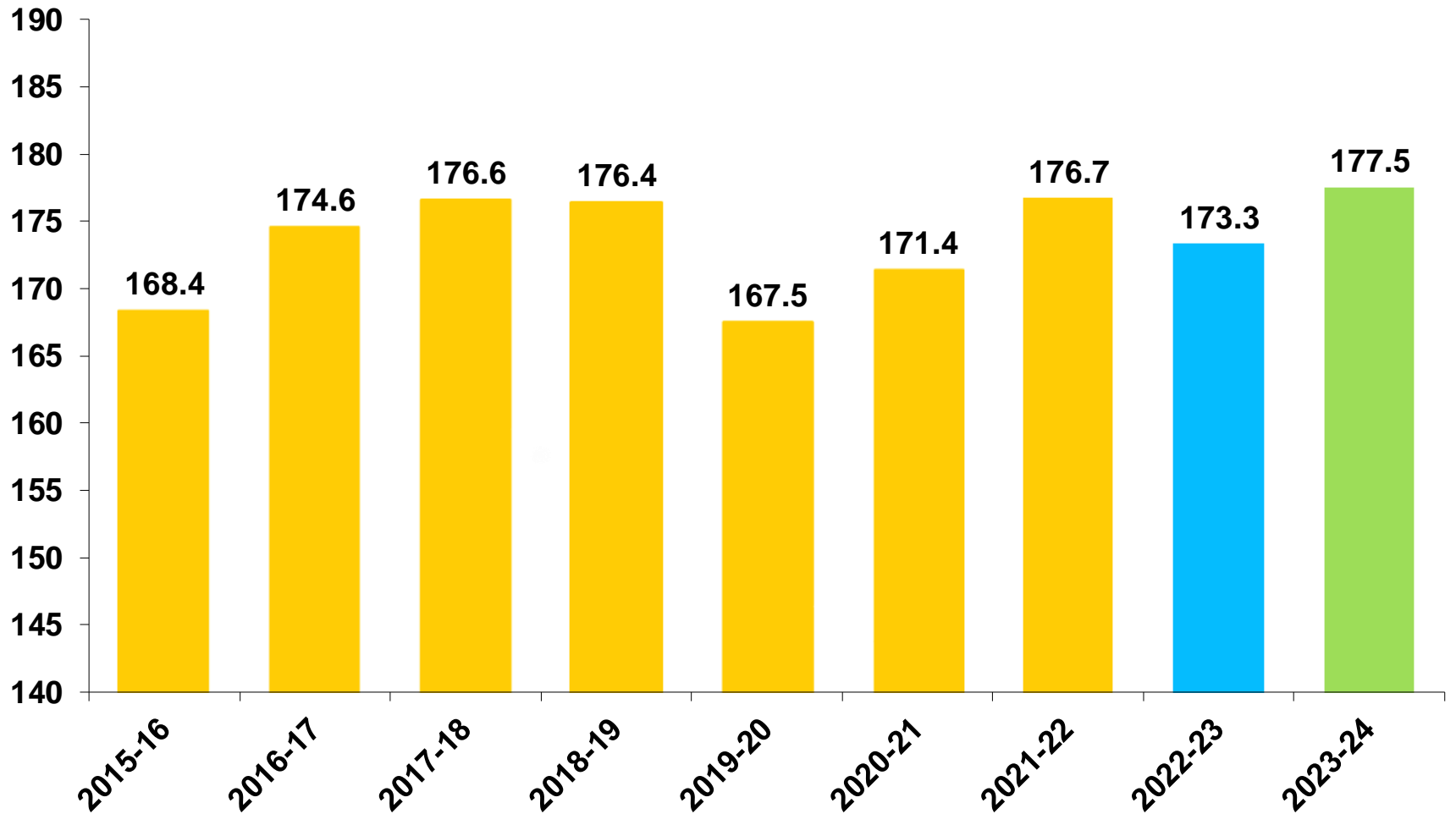
M Bushels





# U.S. CORN YIELD

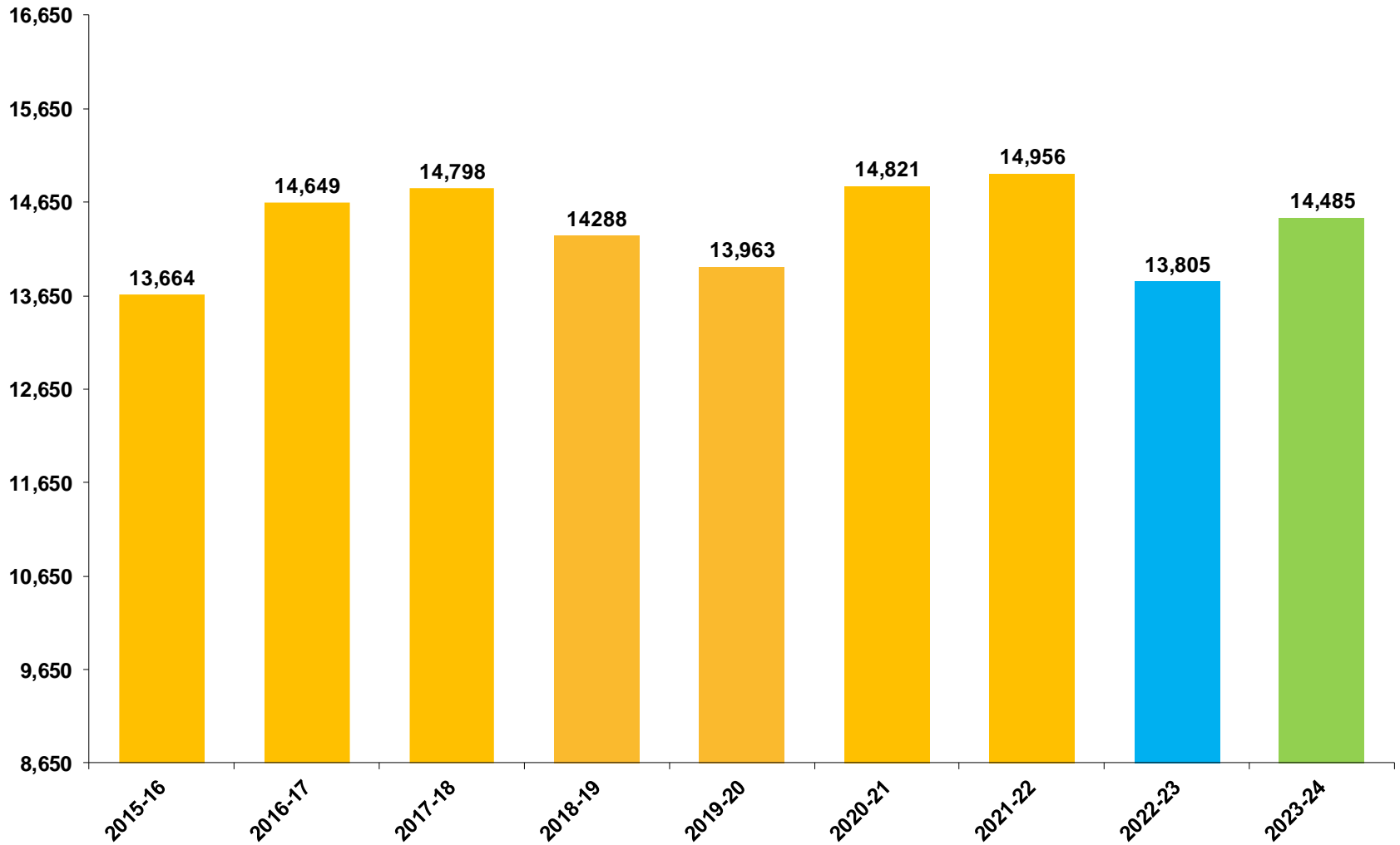
Bu./Acre



# U.S. - Demand

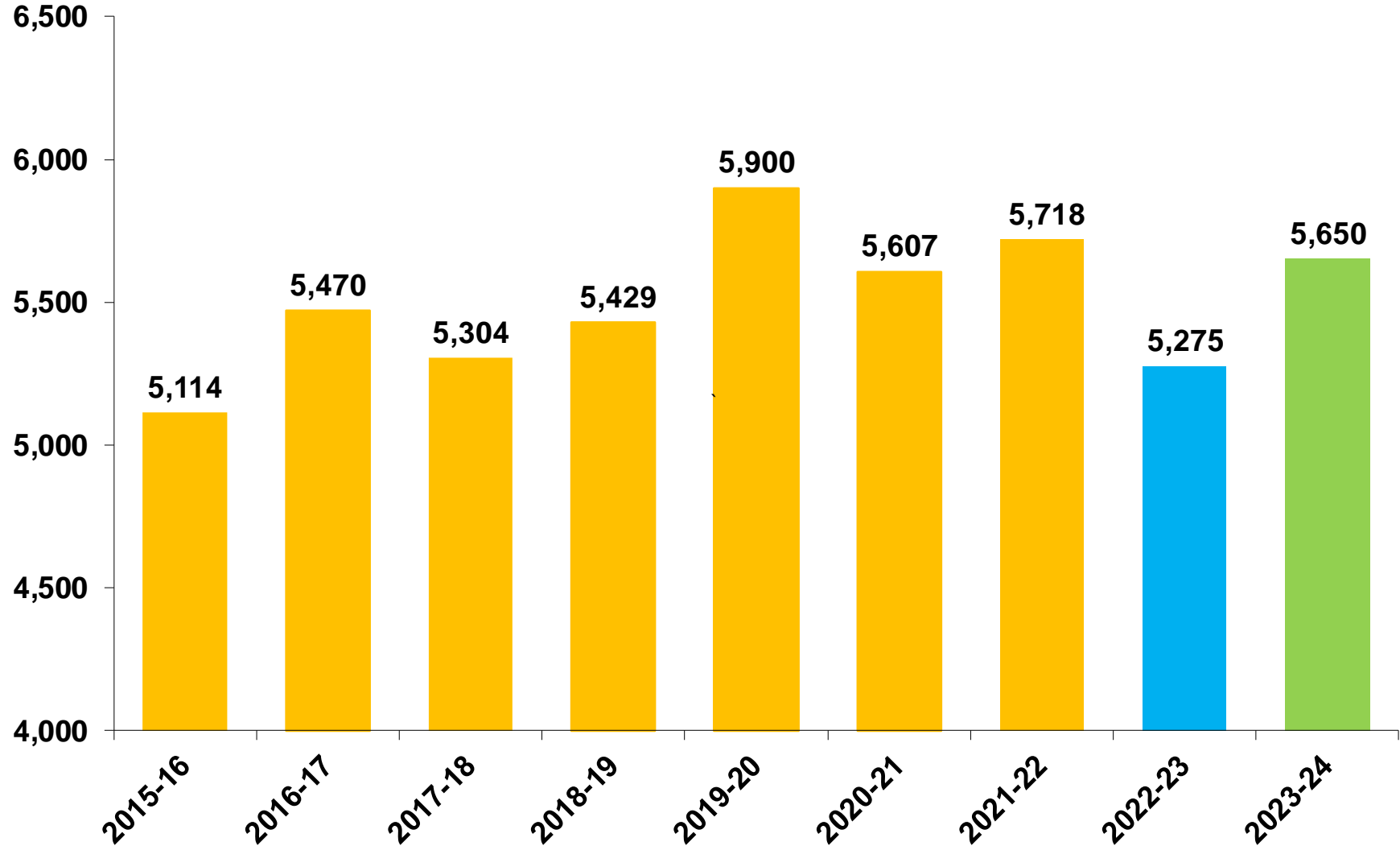
# U.S TOTAL DEMAND

M Bushels



# U.S. FEED DEMAND

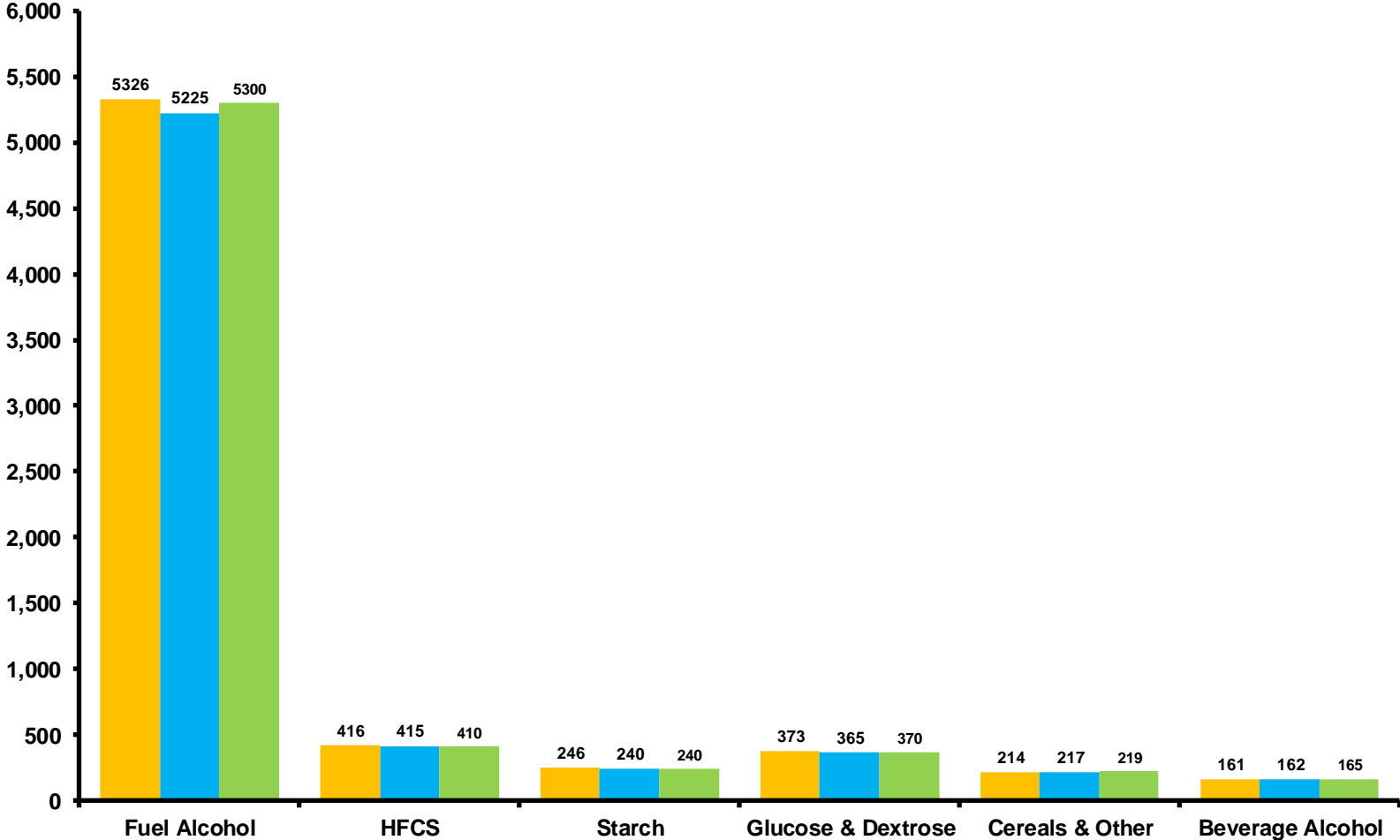
M Bushels



# U.S. INDUSTRIAL DEMAND

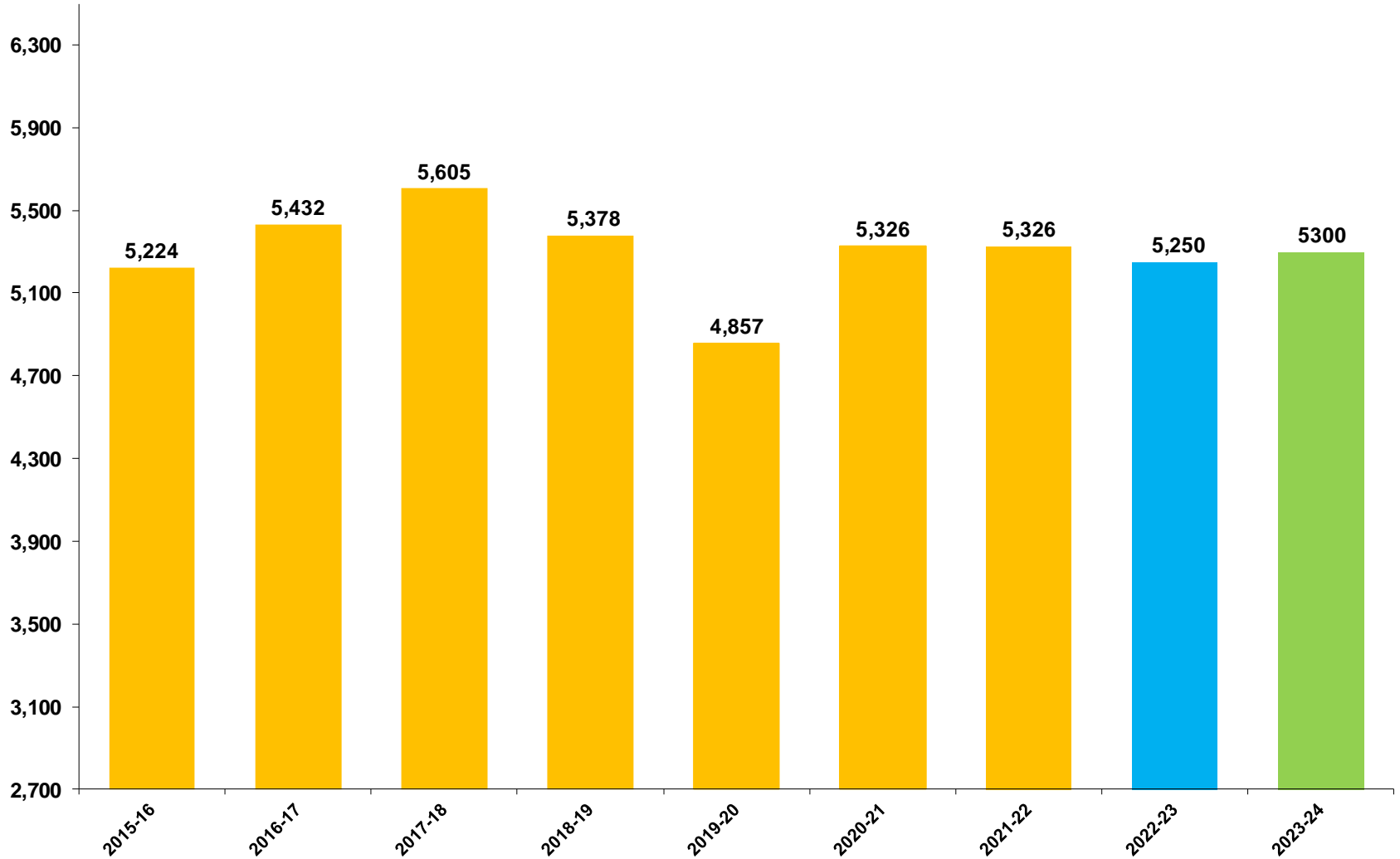
M Bushels

2021-22 2022-23 2023-24



# U.S. ETHANOL DEMAND

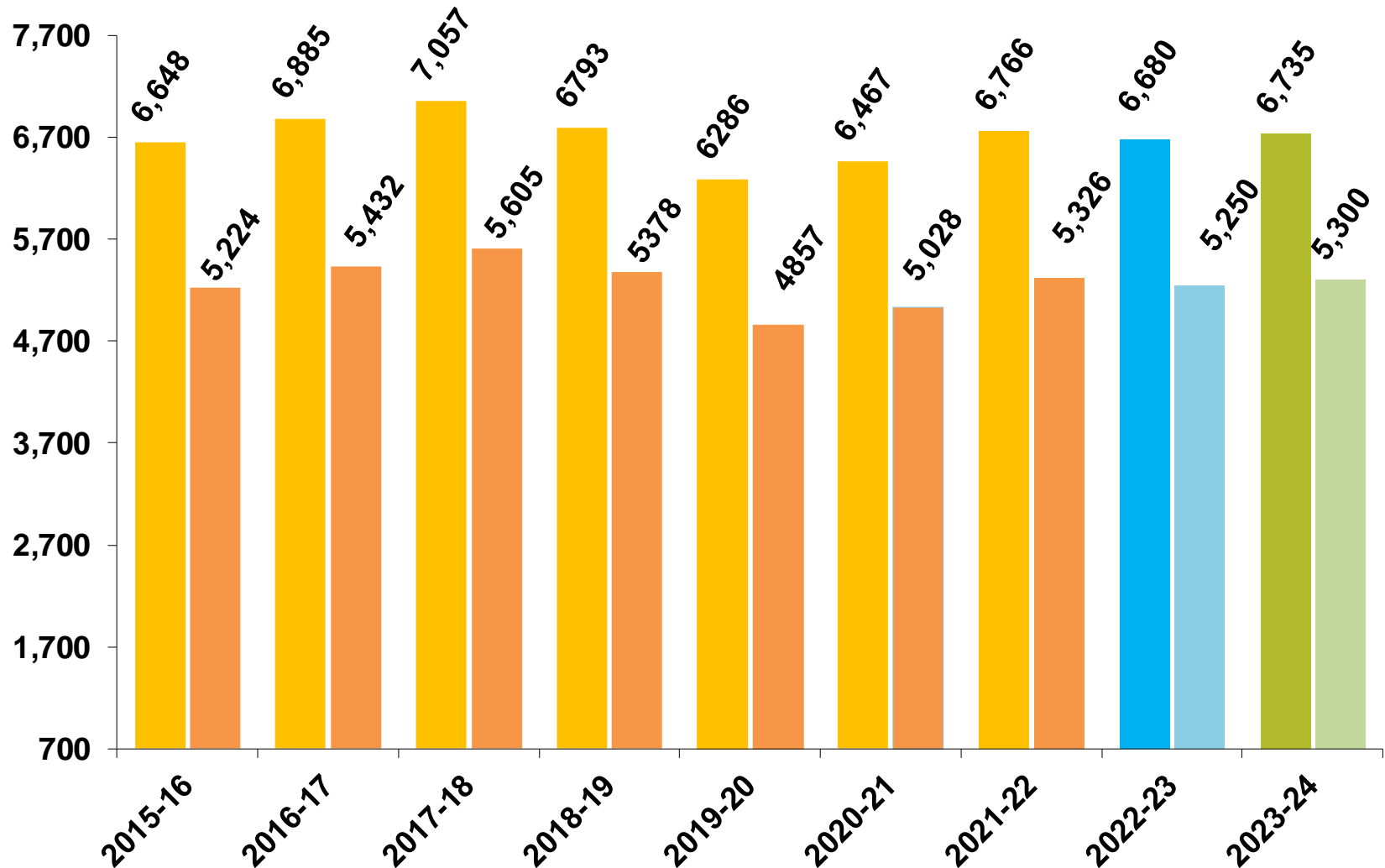
M Bushels



# INCREASE IN FOOD SEED & INDUSTRIAL

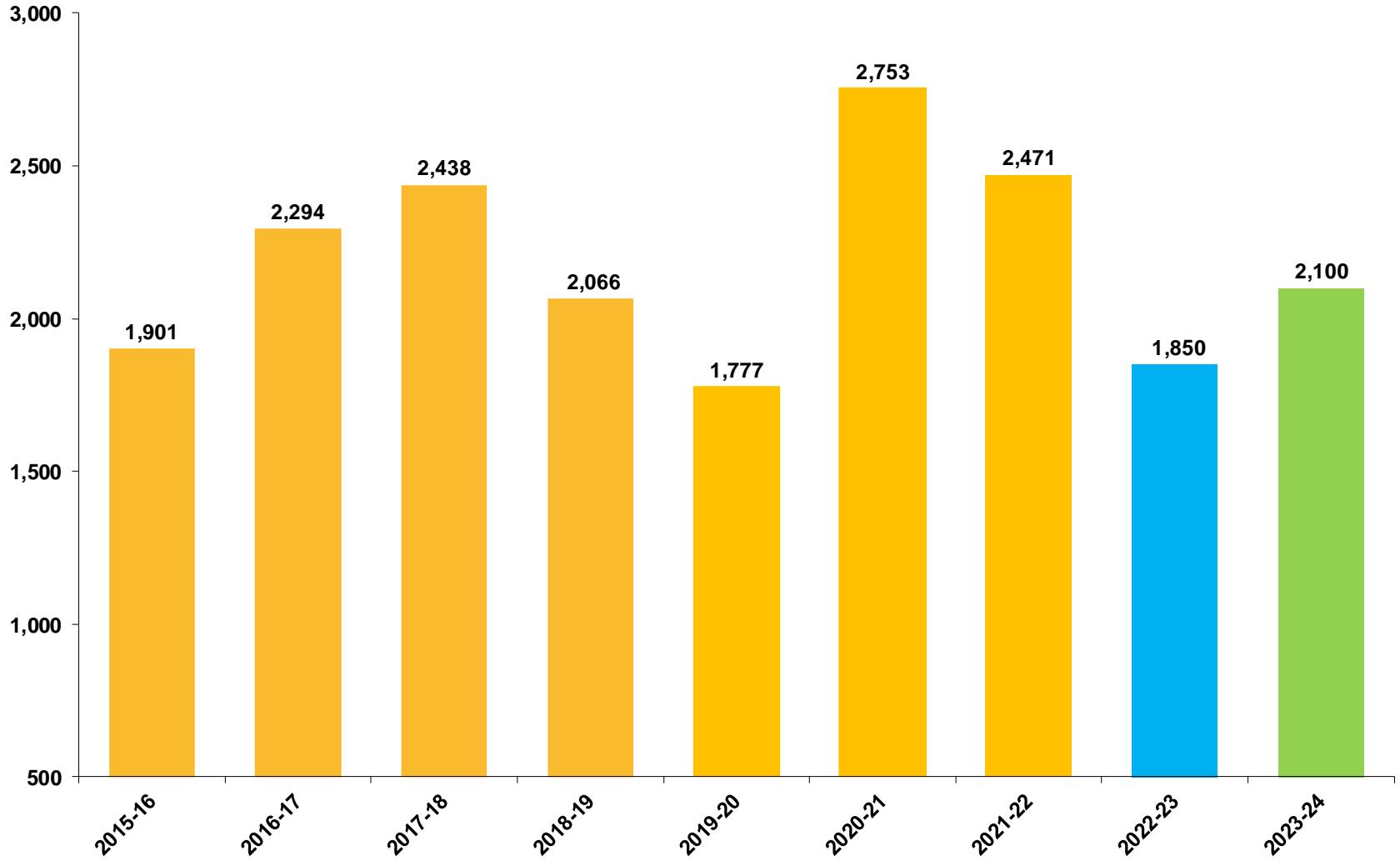
M Bushels

Industrial Ethanol



# U.S. EXPORT DEMAND

M Bushels





## U.S. CORN PRODUCTION

	USDA June 2023		2022-23 Yield Scenarios			
	<u>2021-22</u>	<u>2022-23</u>			<u>2023-24</u>	
Planted (mil. acres)	93.3	88.6	94.1	94.1	94.1	94.1
Harvested (mil. acres)	85.3	79.2	86.3	86.3	86.3	86.3
<b>Yield (bus./acre)</b>	<b>176.7</b>	<b>173.3</b>	<b>172.5</b>	<b>175.0</b>	<b>177.5</b>	<b>180.0</b>
Production (mil. bu.)	15,074	13,730	14,887	15,103	15,320	15,534

## U.S. CORN SUPPLY / DEMAND

(million bushels)

	<u>2021-22</u>	<u>2022-23</u>				
Beginning Stocks	1,235	1,377	1,402	1,402	1,402	1,402
Production	15,074	13,730	14,887	15,103	15,320	15,534
Imports	24	25	25	25	25	25
<b>TOTAL SUPPLY</b>	<b>16,333</b>	<b>15,157</b>	<b>16,314</b>	<b>16,530</b>	<b>16,747</b>	<b>16,961</b>
Feed	5,718	5,275	5,650	5,650	5,650	5,650
Food/Ind/Seed	6,764	6,680	6,735	6,735	6,735	6,735
Ethanol	(5,326)	(5,250)	(5,300)	(5,300)	(5,300)	(5,300)
Exports	<u>2,471</u>	<u>1,725</u>	<u>2,100</u>	<u>2,100</u>	<u>2,100</u>	<u>2,100</u>
<b>TOTAL DEMAND</b>	<b>14,956</b>	<b>13,730</b>	<b>14,485</b>	<b>14,485</b>	<b>14,485</b>	<b>14,485</b>
<b>ENDING STOCKS</b>	<b>1,377</b>	<b>1,417</b>	<b>1,829</b>	<b>2,045</b>	<b>2,262</b>	<b>2,476</b>
<b>Stocks/Usage</b>	<b>9.2%</b>	<b>10.3%</b>	<b>12.6%</b>	<b>14.1%</b>	<b>15.6%</b>	<b>17.1%</b>

# Daily December '23 Corn Futures

- Source: Marketview



# Summary: WASDE 7/12/2023

- 
- **US corn outlook is for higher supplies and ending stocks**
  - **Corn production is forecast up 55 million bushels due to a larger planted area, which was reflected in the June 30 *Acreage* report**
  - **US Corn yield is reduced 4.0 bushels per acre to 177.5 bushels per acre**
  - **There are no changes to demand for the 2023/24 crop**
  - **Average farm price for corn is unchanged at 4.80 per bushel**

**Thank You**

