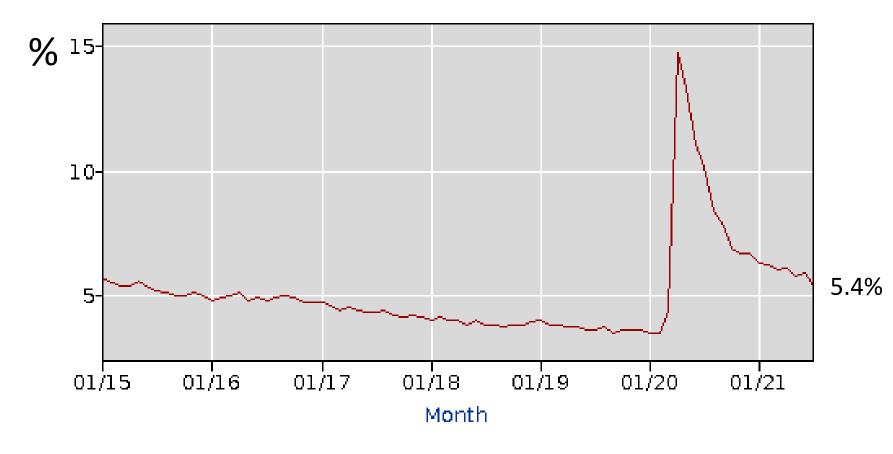
# 2021 Dairy Market and Policy Situation and Outlook

### Christopher A. Wolf, Professor Dyson School of Applied Economics and Management Cornell University





# **US Unemployment Rate**



### LABOR MARKET REGIONS RANKED BY UNEMPLOYMENT RATE

#### JULY 2021

REGION	RATE
Capital Region	4.8
Long Island	5.2
Finger Lakes	5.3
Hudson Valley	5.3
Southern Tier	5.4
Central New York	5.5
North Country	5.5
Mohawk Valley	5.7
Western New York	5.8
New York City	10.2
	Capital Region Long Island Finger Lakes Hudson Valley Southern Tier Central New York North Country Mohawk Valley Western New York

3

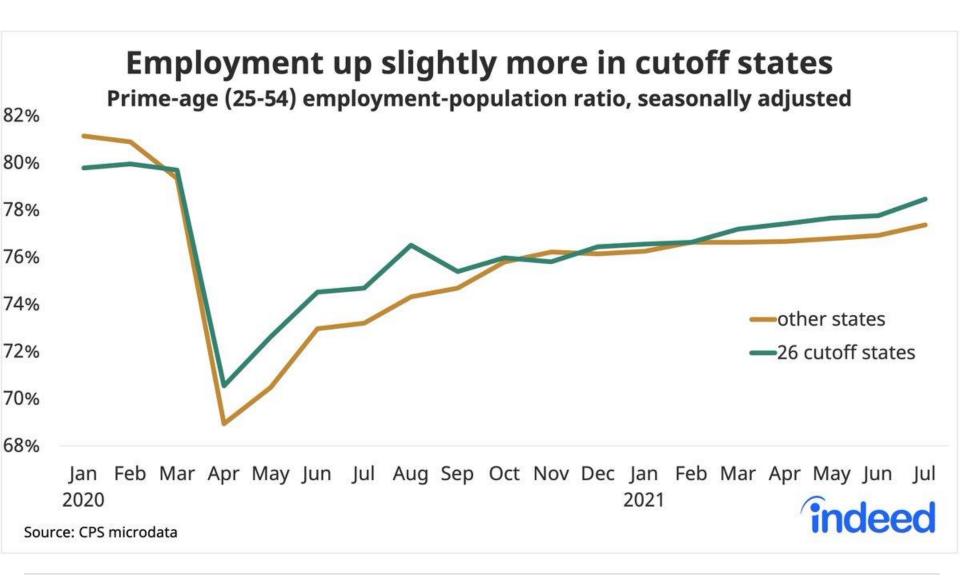
# **US Labor Participation Rate**

61.7% Today 63.4% before COVID



### the total labor force (comprised of those who are employed and unemployed, combined) relative to the size of the working-age population

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#### **Employment came from different sources in cutoff states** Change in employment status, % of prime-age population, May-July 2021

#### 26 cutoff states all other states

employed	0.8%	0.6%
unemployed	-0.7%	0.2%
not in labor force	-0.1%	-0.8%

% of prime-age (25-54) population, seasonally adjusted Source: CPS microdata



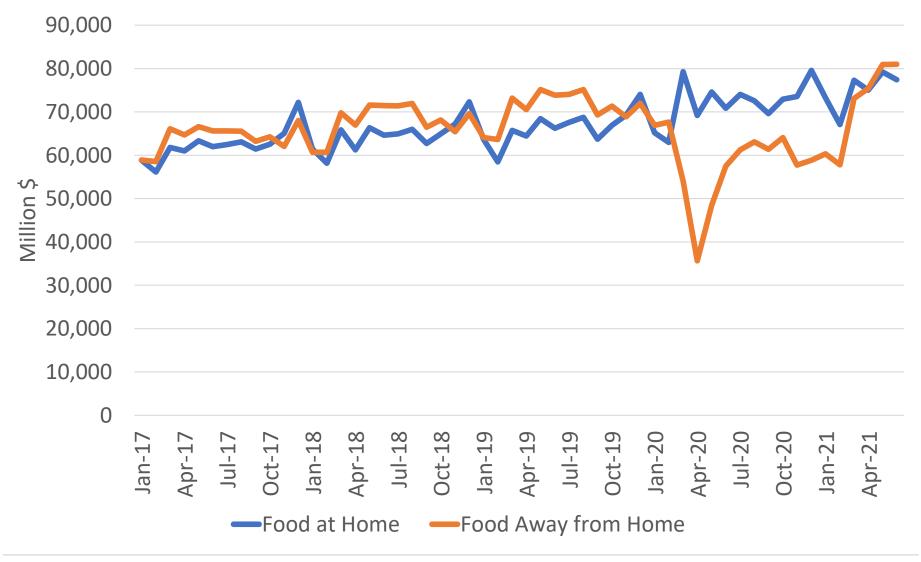


### Inflation





### **US Food Expenditures**



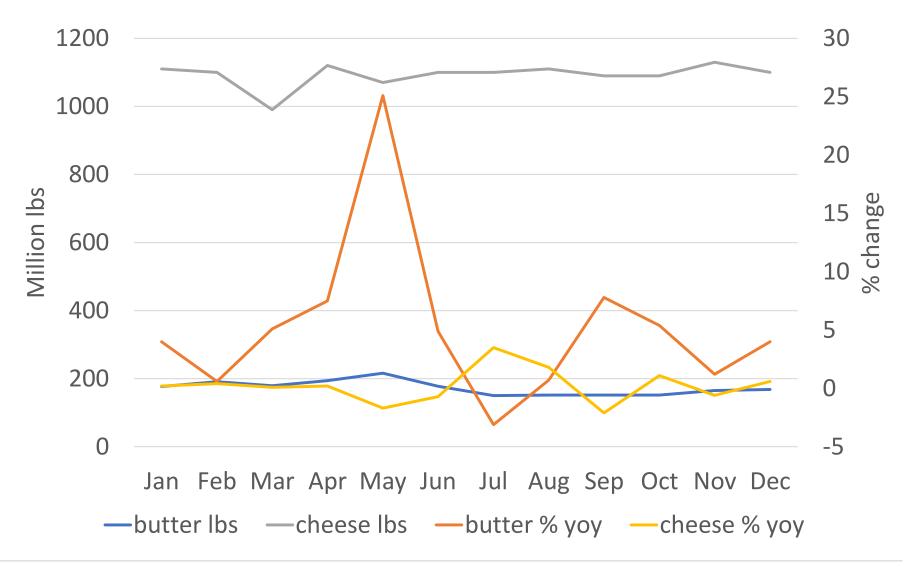
### 2020 Annual Food Expenditures

- Food at Home: +8.1%
- Food away from Home: -18.4%
- Total Food Expenditures: -5.6%

### **Commercial Disappearance**

Year	American Cheese	Other Cheese	Butter
	% Change Year-over-year		
2016	2.68	4.31	2.18
2017	6.24	0.91	1.16
2018	2.88	3.48	7.04
2019	1.36	1.31	1.48
2020	-0.04	-0.06	3.42
Long run	2.12	2.85	2.49

### **Butter and Cheese Production, 2020**



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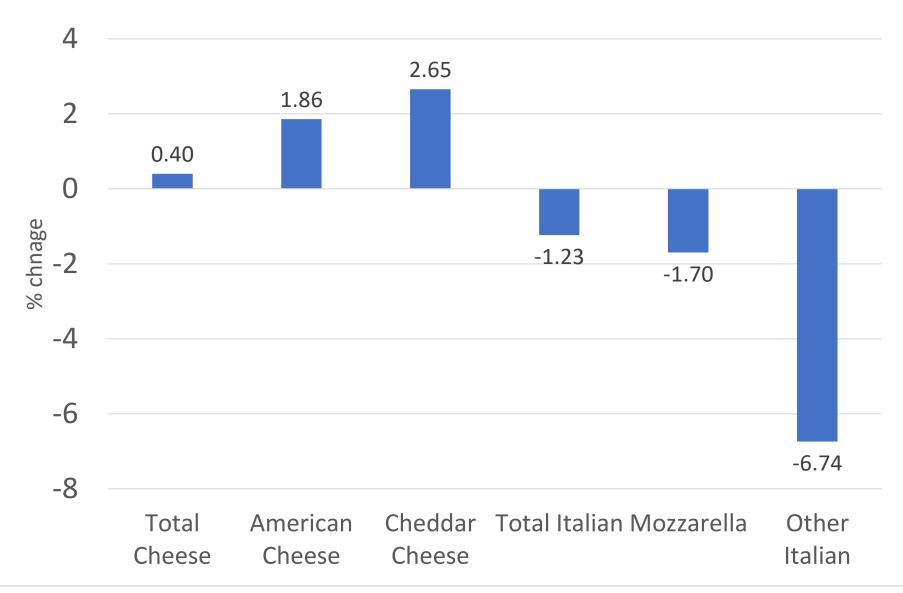
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Data Source: USDA NASS, Dairy Products

Name of Presenter / Event or Location / Date 11

### **US Cheese Production: 2020 vs 2019**



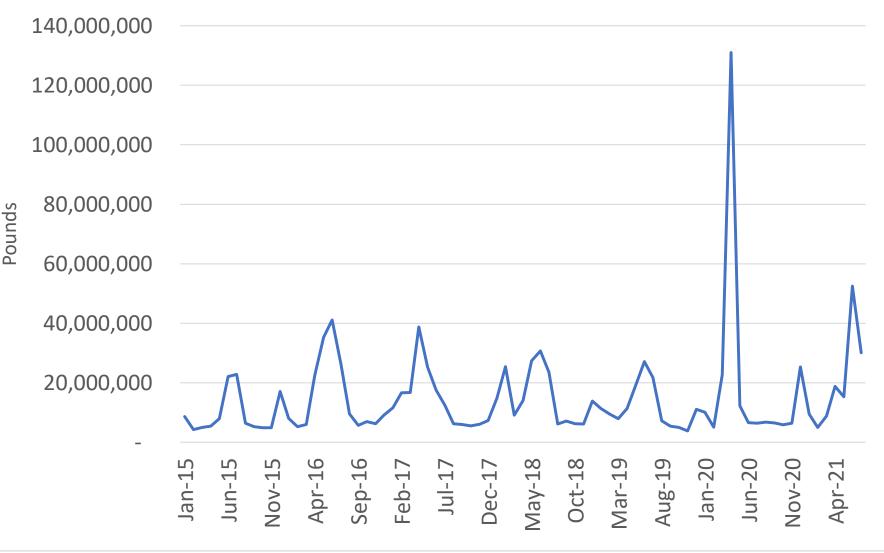
# Milk Supply Response

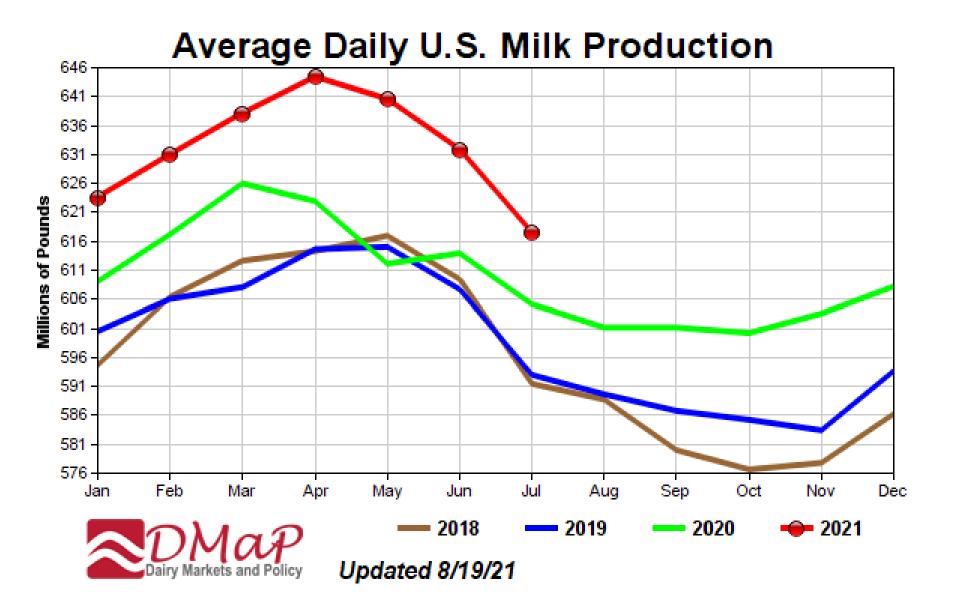
 Sudden loss of food service outlets necessitated large response in product mix

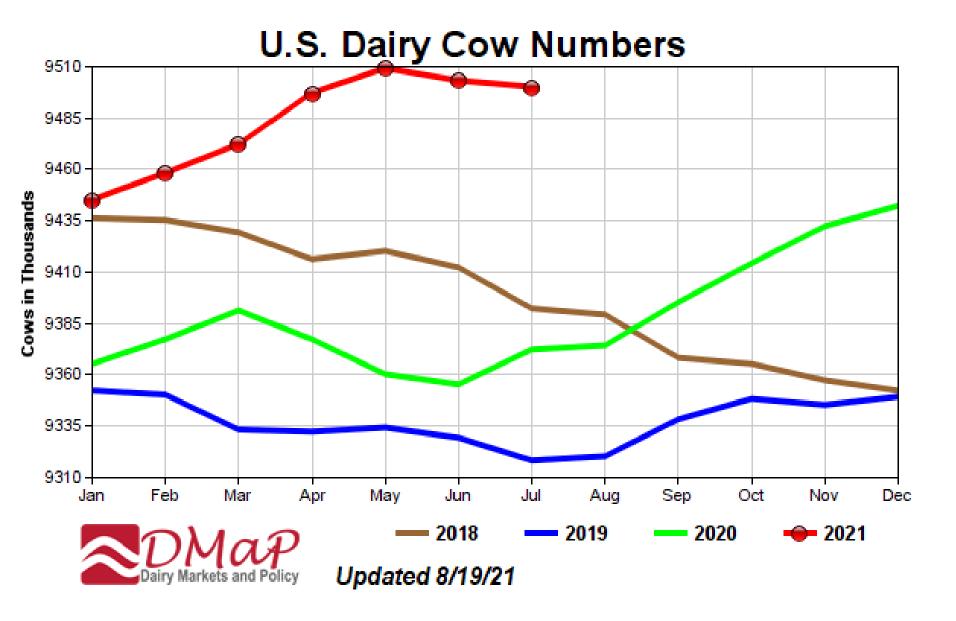
 Some milk was dumped other milk was transported long distances and sold at distressed prices

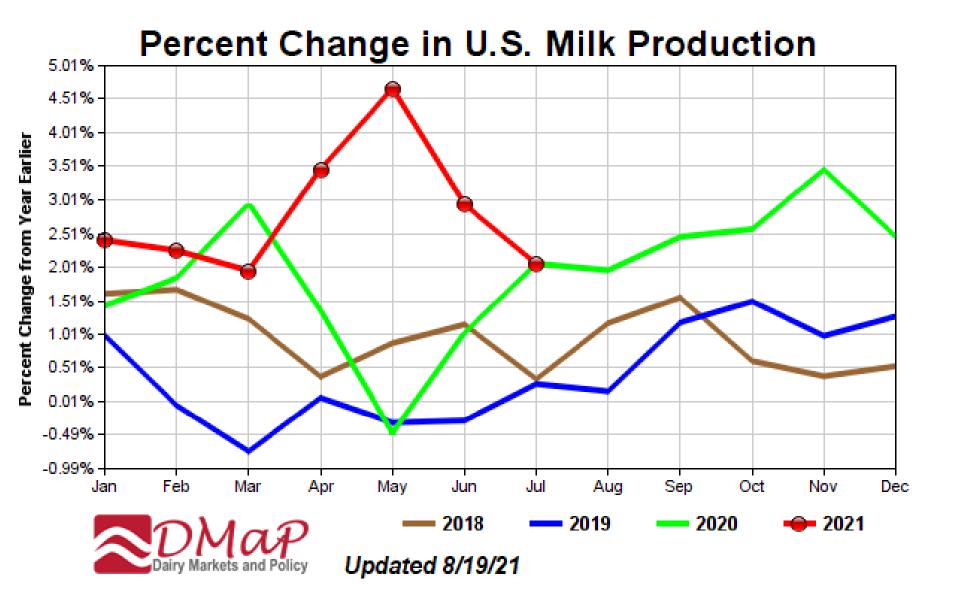


## Milk Dumping in FO 1





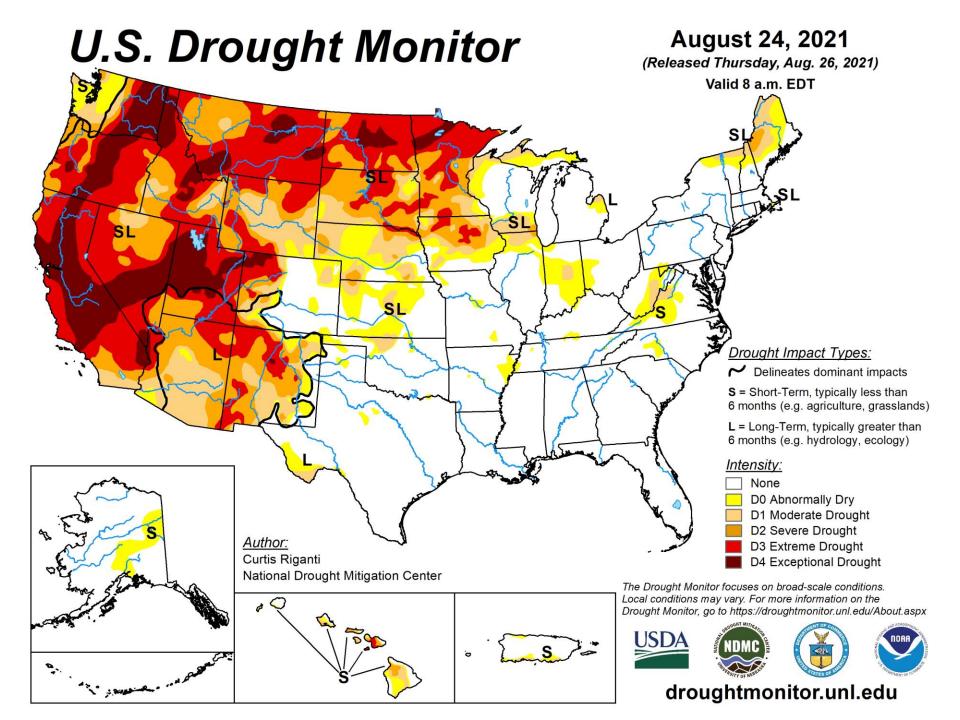




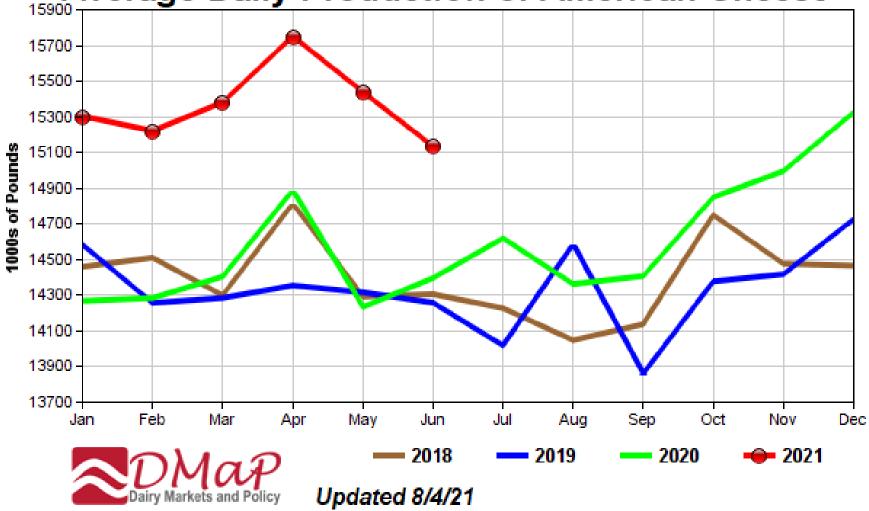
### **July 2021 Milk Production**

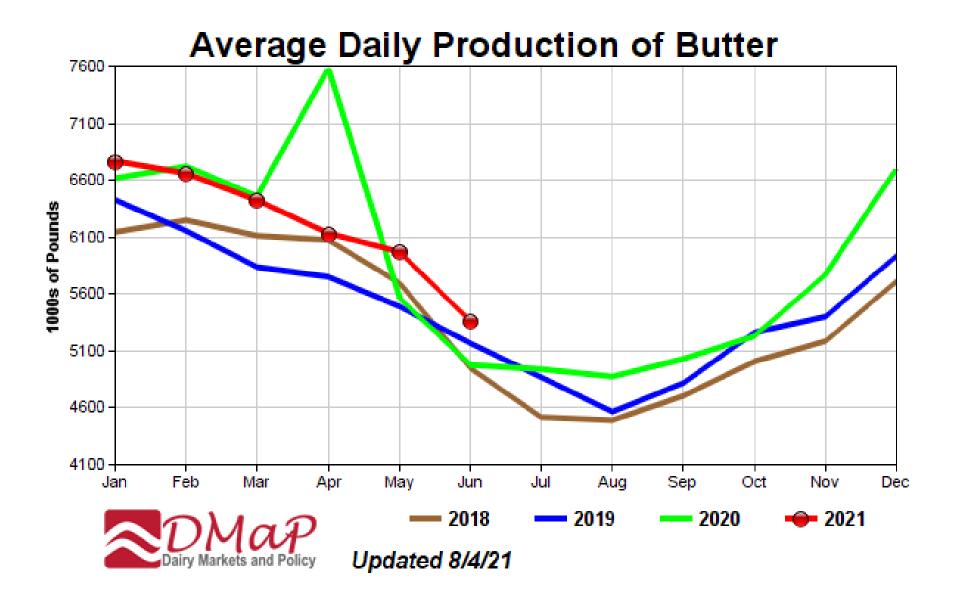
State	Year-over-year % change	
California	-0.7	
Wisconsin	4.6	
Idaho	0.8	
New York	2.8	
Texas	7.2	
Michigan	4.3	
Minnesota	4.2	
Pennsylvania	-1.2	
New Mexico	-2.3	
Washington	-6.7	
US	2.0	
OTHE CALS College of Agriculture and Life Sciences	Name of Presenter / Event or Location / Date	

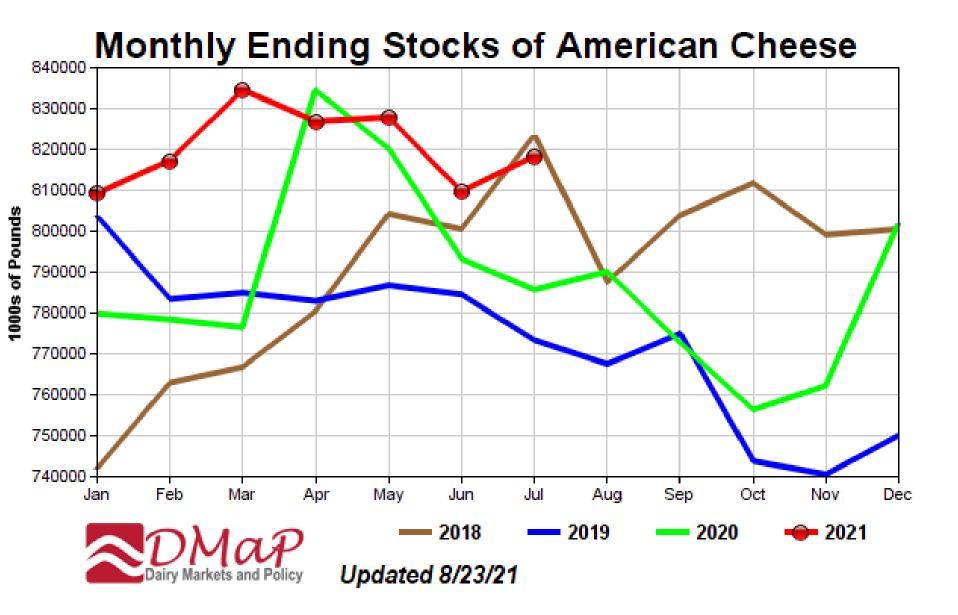
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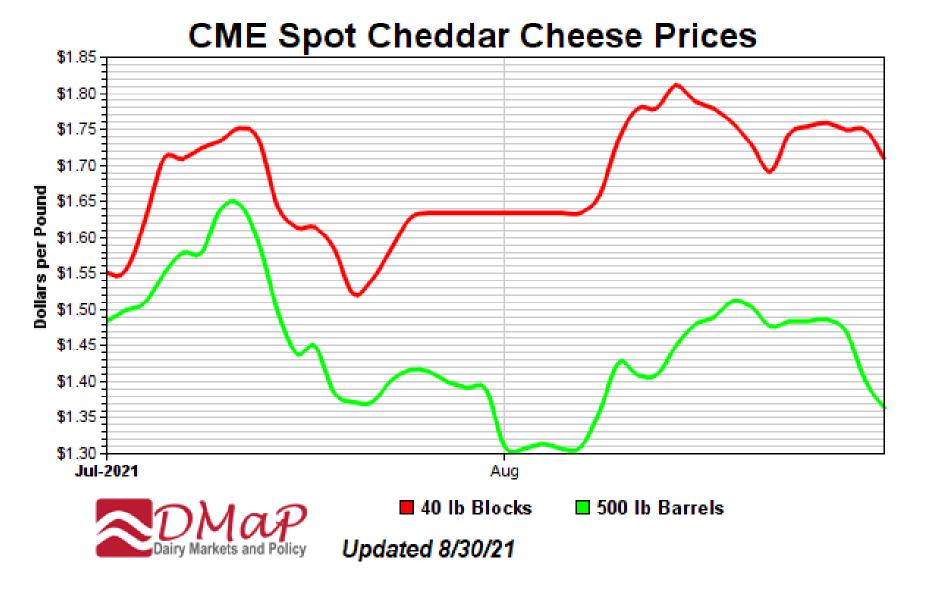


#### Average Daily Production of American Cheese

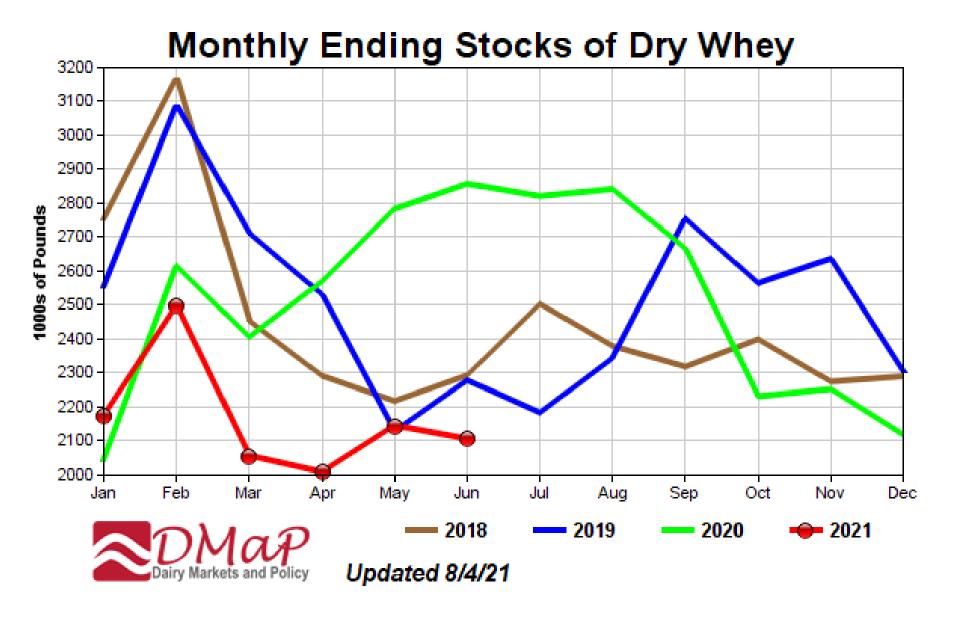




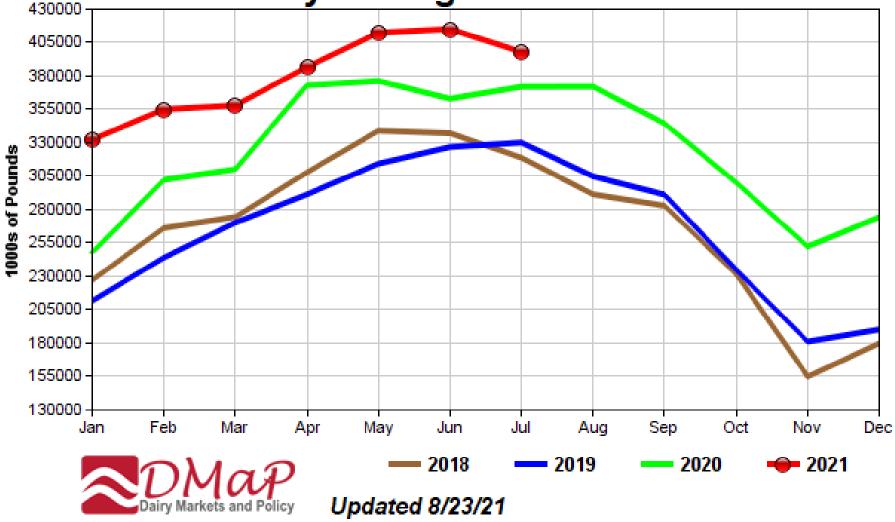


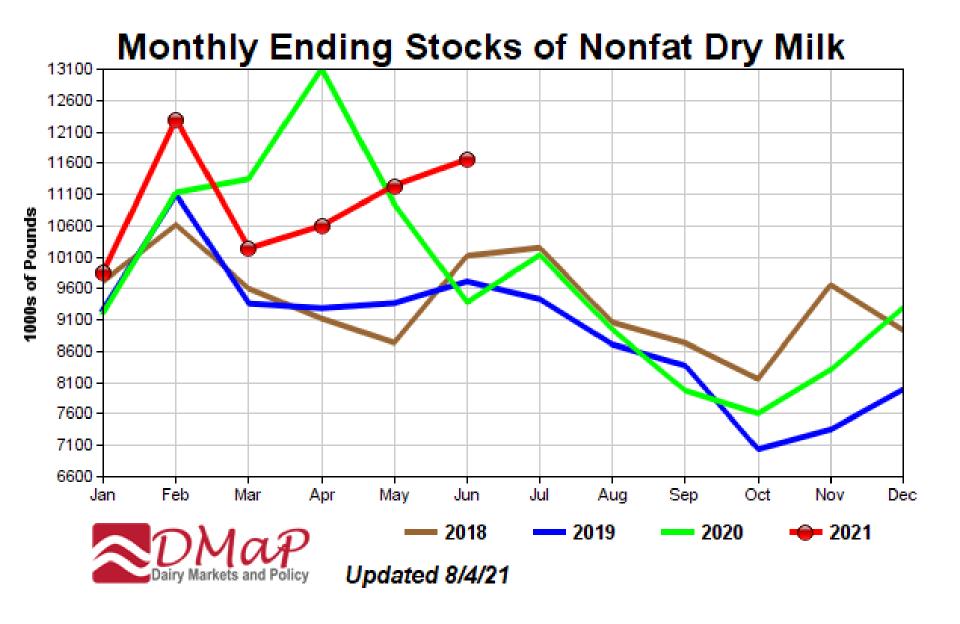


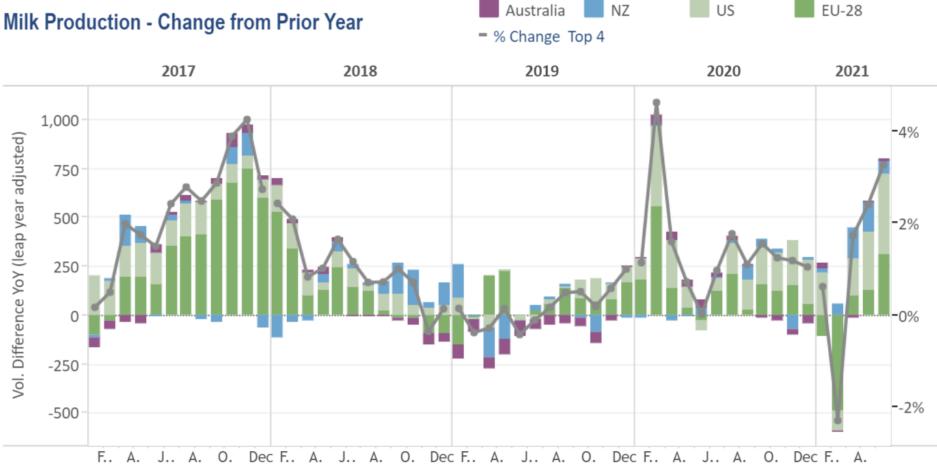
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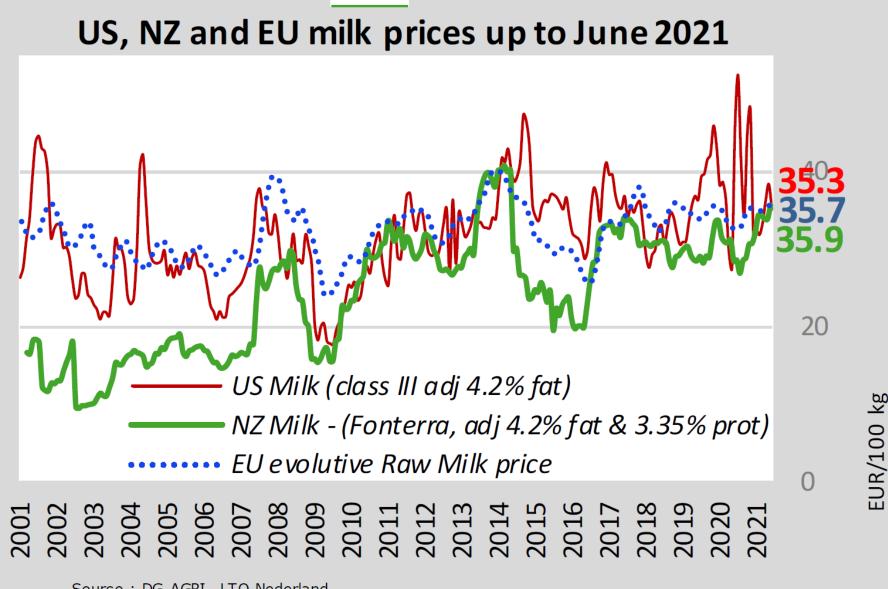
#### Monthly Ending Stocks of Butter







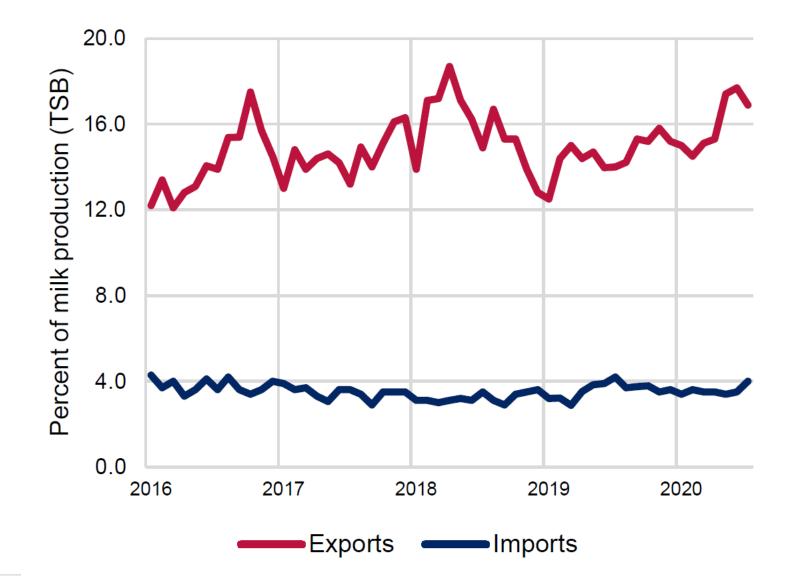
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Source : DG AGRI, LTO Nederland



#### U.S. Exports and Imports as % of Milk Production



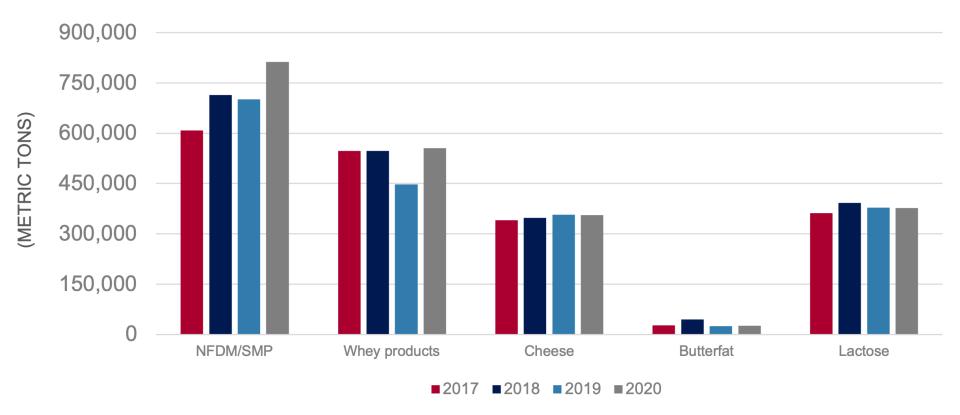
### **US Product Export Share**

Product	Share of Production Exported (%)	US Share of World Trade (%)
Cheese	6	16
Butter	2	
NFD/SMP	71	37
Whey Products	50	36
Lactose	74	

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#### U.S. Dairy Exports – Key Products

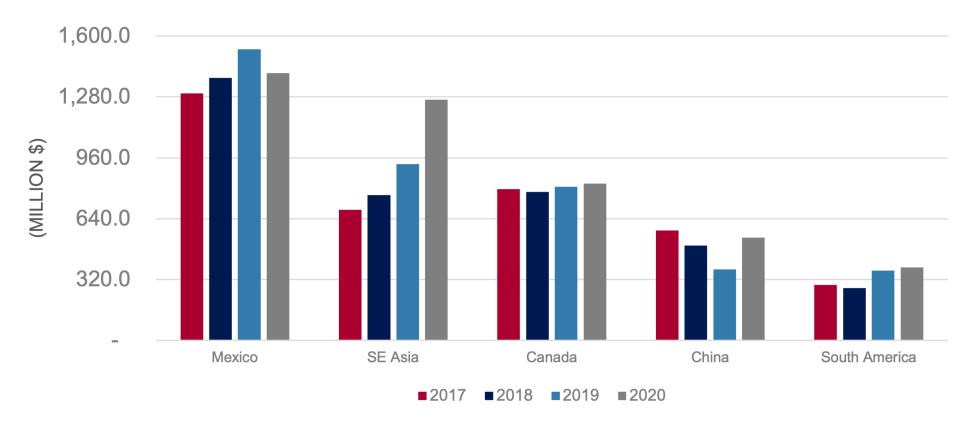
#### 2017-2020



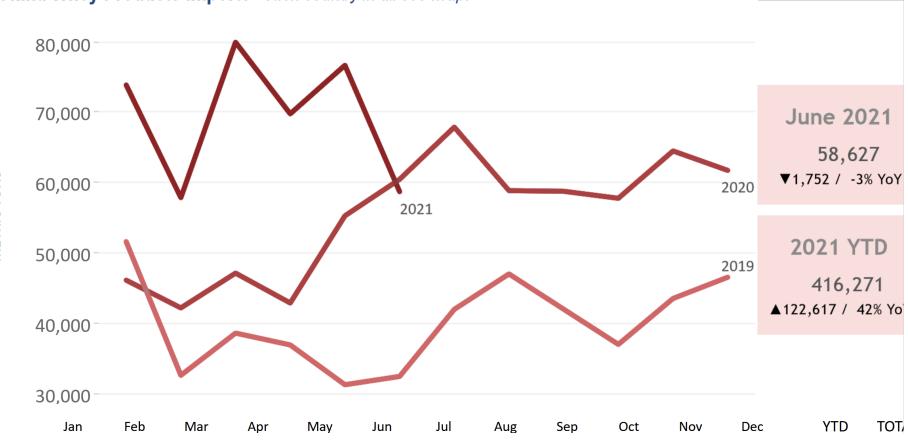
Source: U.S. Dairy Export Council, U.S. Bureau of Census.

#### U.S. Exports, Top 5 Markets

#### 2017-2020



Source: U.S. Dairy Export Council, U.S. Bureau of Census.

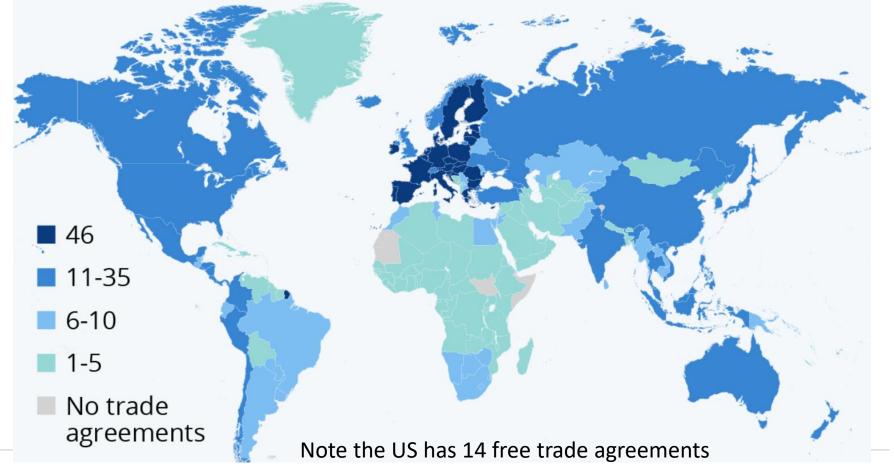


#### China Whey Products Imports Click country in above map.

Single Country

# Which Countries Have the Most Trade Agreements?

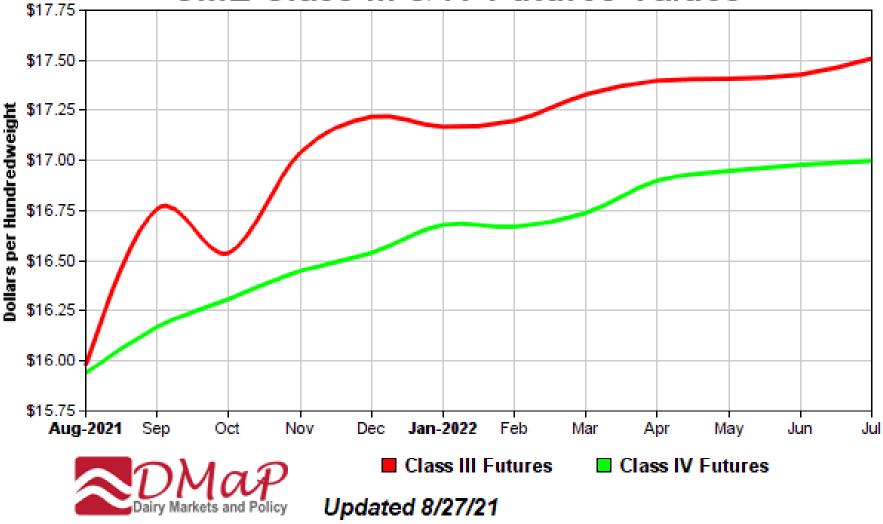
Active regional trade agreements as listed by the WTO (as of May 12, 2021)

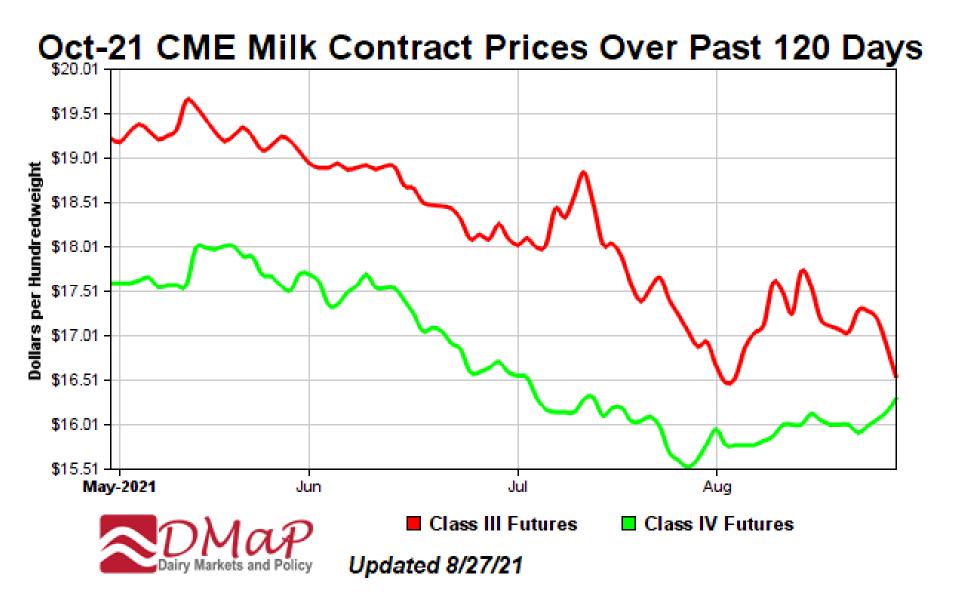


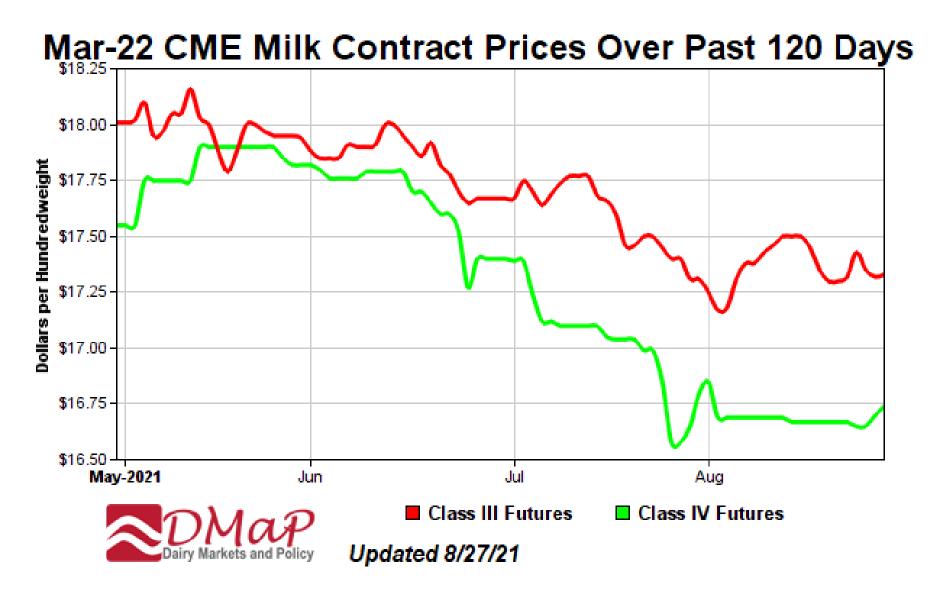
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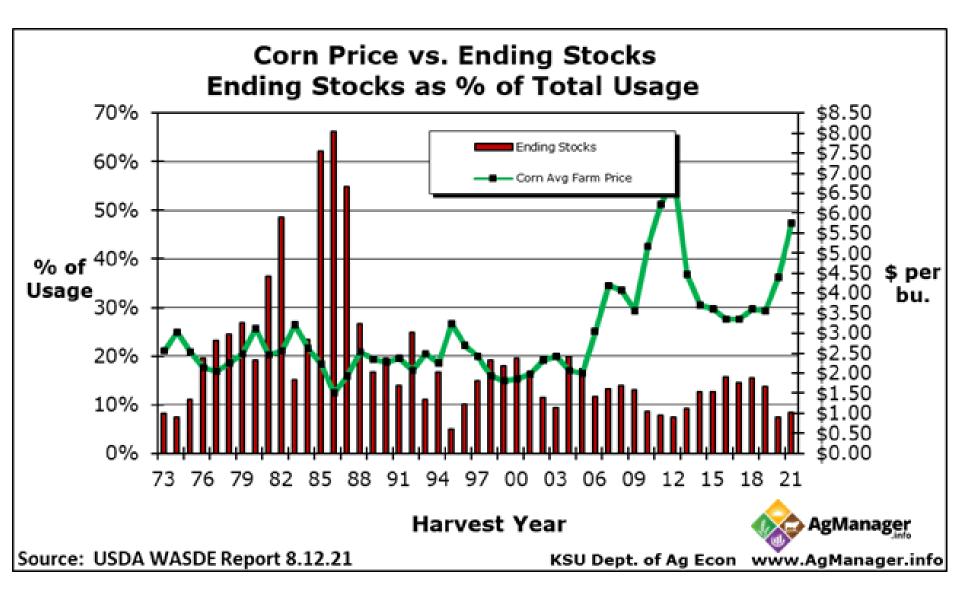
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#### **CME Class III & IV Futures Values**



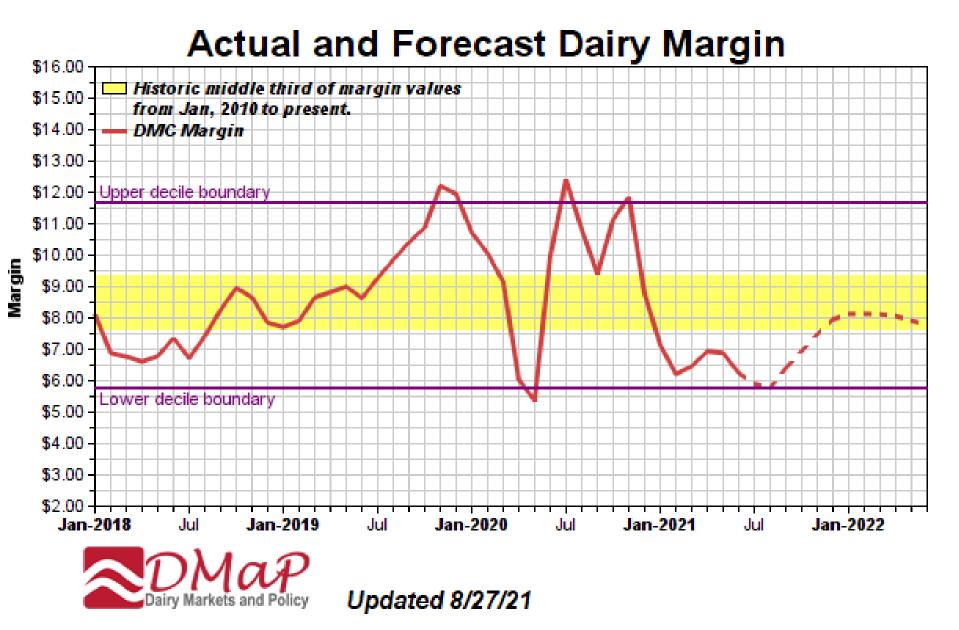






### Corn and Soybean Prices, August 30

Month	Corn	Month	Soybeans
September	5.40	September	13.02
December	5.43	November	13.03
March	5.50	January	13.10
May	5.55	March	13.14
July	5.55	May	13.19
		July	13.22



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# **Dairy Policy Update**

- Changes to Dairy Margin Coverage Program
  - Premium alfalfa price used will lower margin by about \$0.20/cwt on average
- Dairy Product Donation Program
  - Reimburse donations of dairy products to food banks
- 2018 Farm Bill expires end of 2023



# Thank You

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