

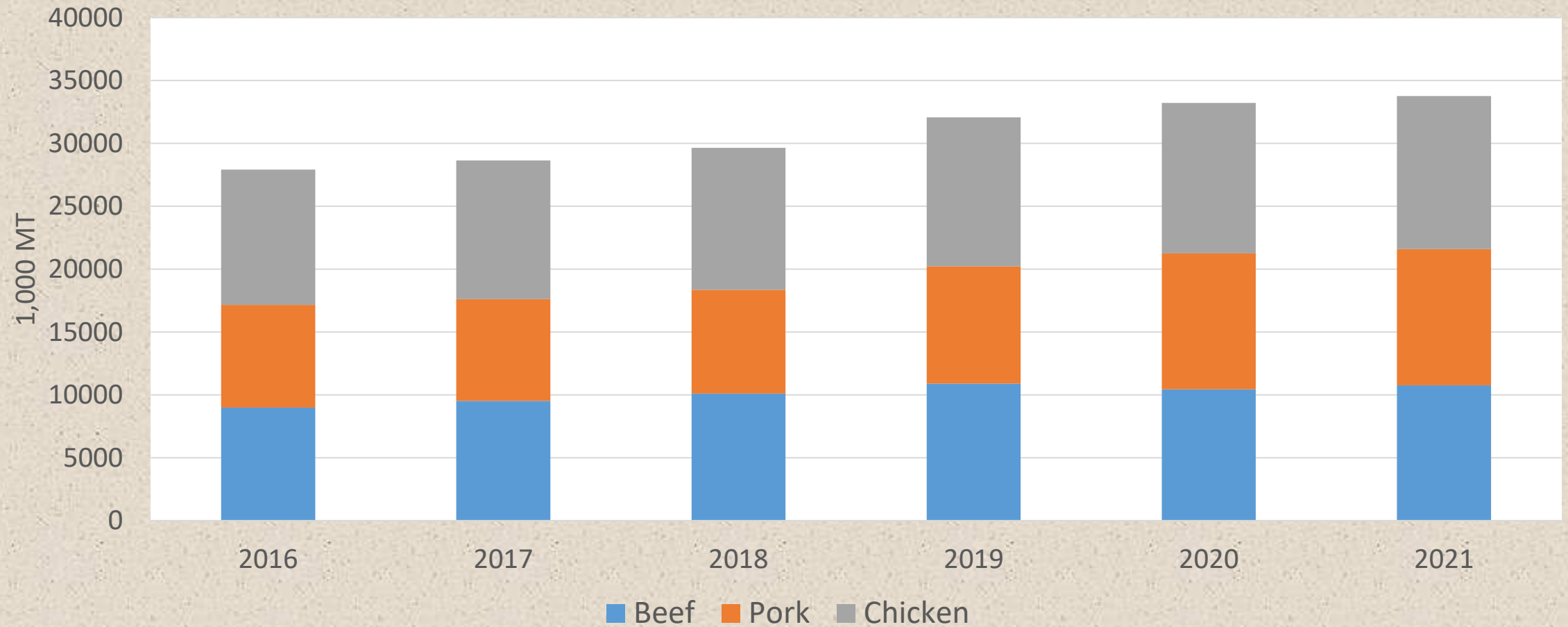
Global Beef Markets and U.S. Beef and Cattle Trade

Derrell S. Peel

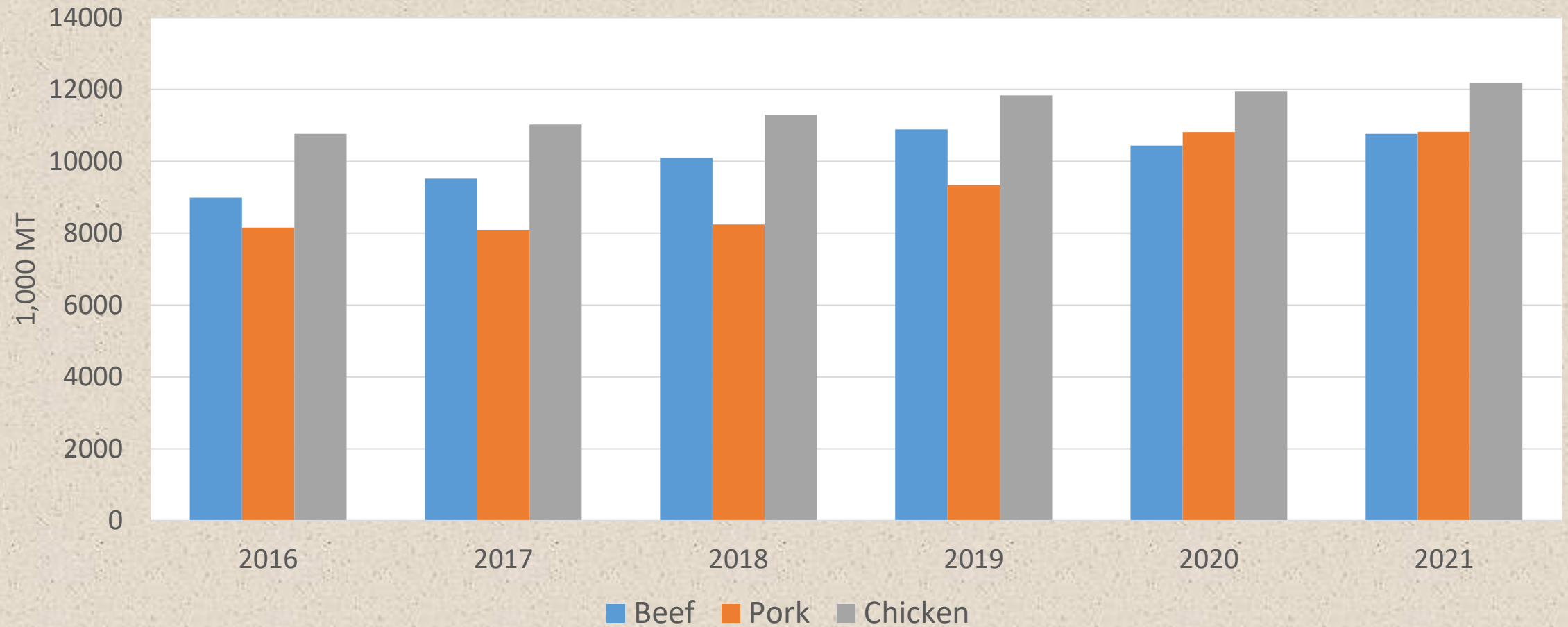
**Breedlove Professor of Agribusiness
Oklahoma State University**



Global Meat Exports



Global Meat Exports



Major Beef Producing and Consuming Countries 2021 Projected

PRODUCTION

1. USA
2. Brazil
3. E.U.
4. China
5. India
6. Argentina
7. Mexico
8. Australia
9. Pakistan
10. Russia

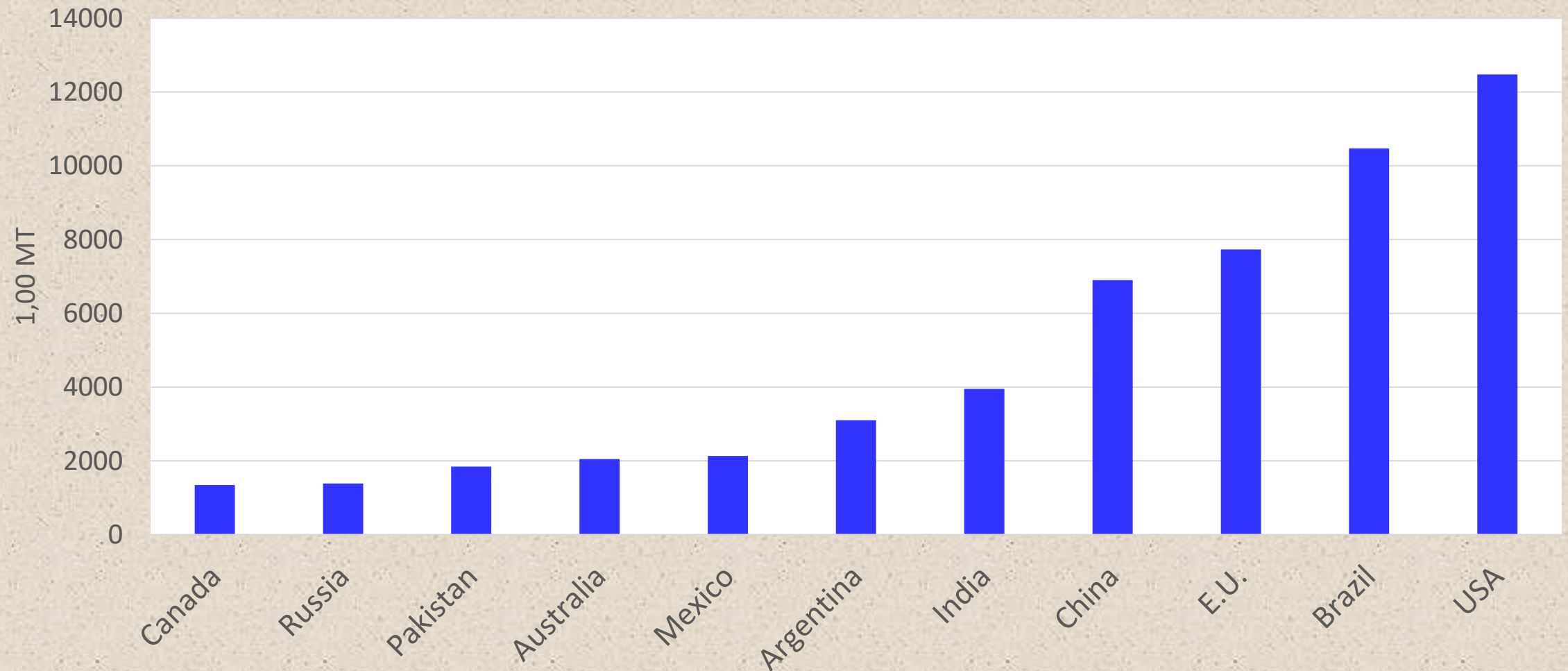
CONSUMPTION

1. USA
2. China
3. Brazil
4. E.U.
5. India
6. Argentina
7. Mexico
8. Pakistan
9. Russia
10. Japan

Source: USDA-FAS, Oct 2020

Beef Production

2021 Forecast, Carcass Weight



USDA-FAS, Oct 2020

Major Beef Trading Countries 2021 Projected

EXPORTS

1. Brazil
2. USA
3. Australia
4. India
5. Argentina
6. New Zealand
7. Canada
8. Uruguay
9. Mexico
10. Paraguay

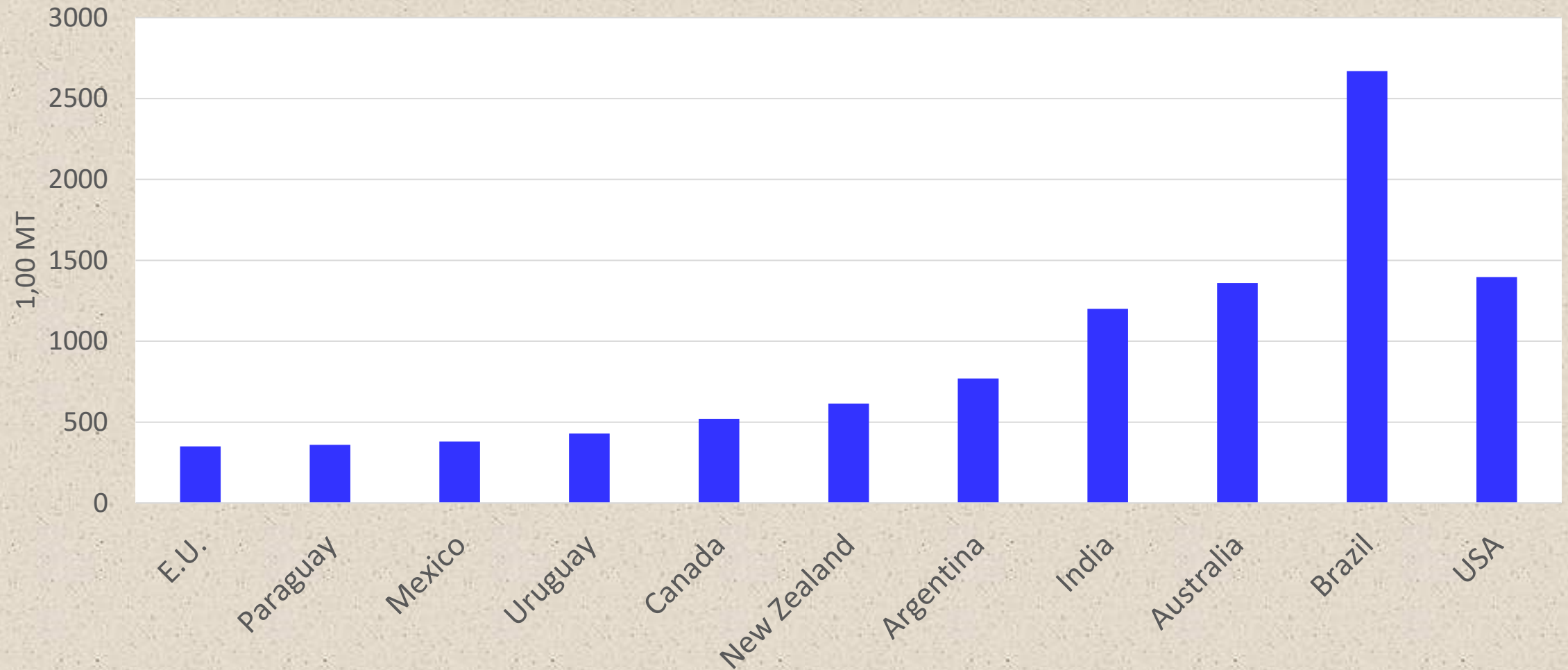
IMPORTS

1. China
2. USA
3. Japan
4. South Korea
5. Hong Kong
6. Russia
7. E.U
8. Chile
9. Egypt
10. Canada

Source: USDA-FAS, Oct 2020

Beef Exports

2021 Forecast, Carcass Weight



USDA-FAS, Oct 2020

World Beef Exports

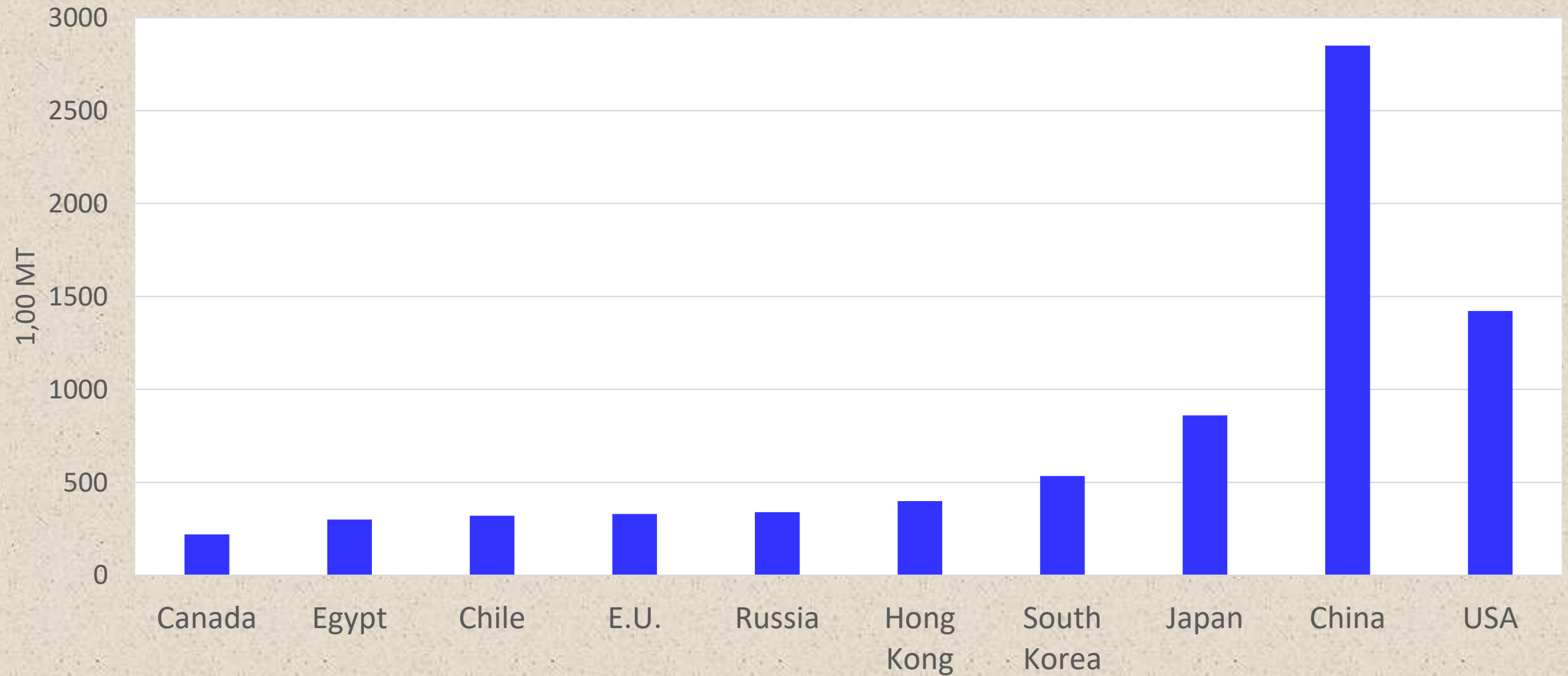
1,000 Metric Tons

	2016	2021*	% Change
World (% of Production)	8993 (15.5)	10768 (17.5)	+19.7
Brazil (% of World)	1652 (18.4)	2670 (24.8)	+61.6
India (% of World)	1709 (19.0)	1200 (11.1)	-29.8
Australia (% of World)	1412 (15.7)	1360 (12.6)	-3.6
U.S. (% of World)	1180 (13.1)	1397 (13.0)	+18.4
Argentina (% of World)	209 (2.3)	770 (7.2)	+268.4
New Zealand (% of World)	560 (6.2)	615 (5.7)	+9.8
Canada (% of World)	418 (4.6)	520 (4.8)	+41.1
Top 7 Exporters (% of World)	7140 (79.4)	8532 (79.2)	+19.5

USDA-FAS, *Forecast

Beef Imports

2021 Forecast, Carcass Weight



USDA-FAS, Oct 2020

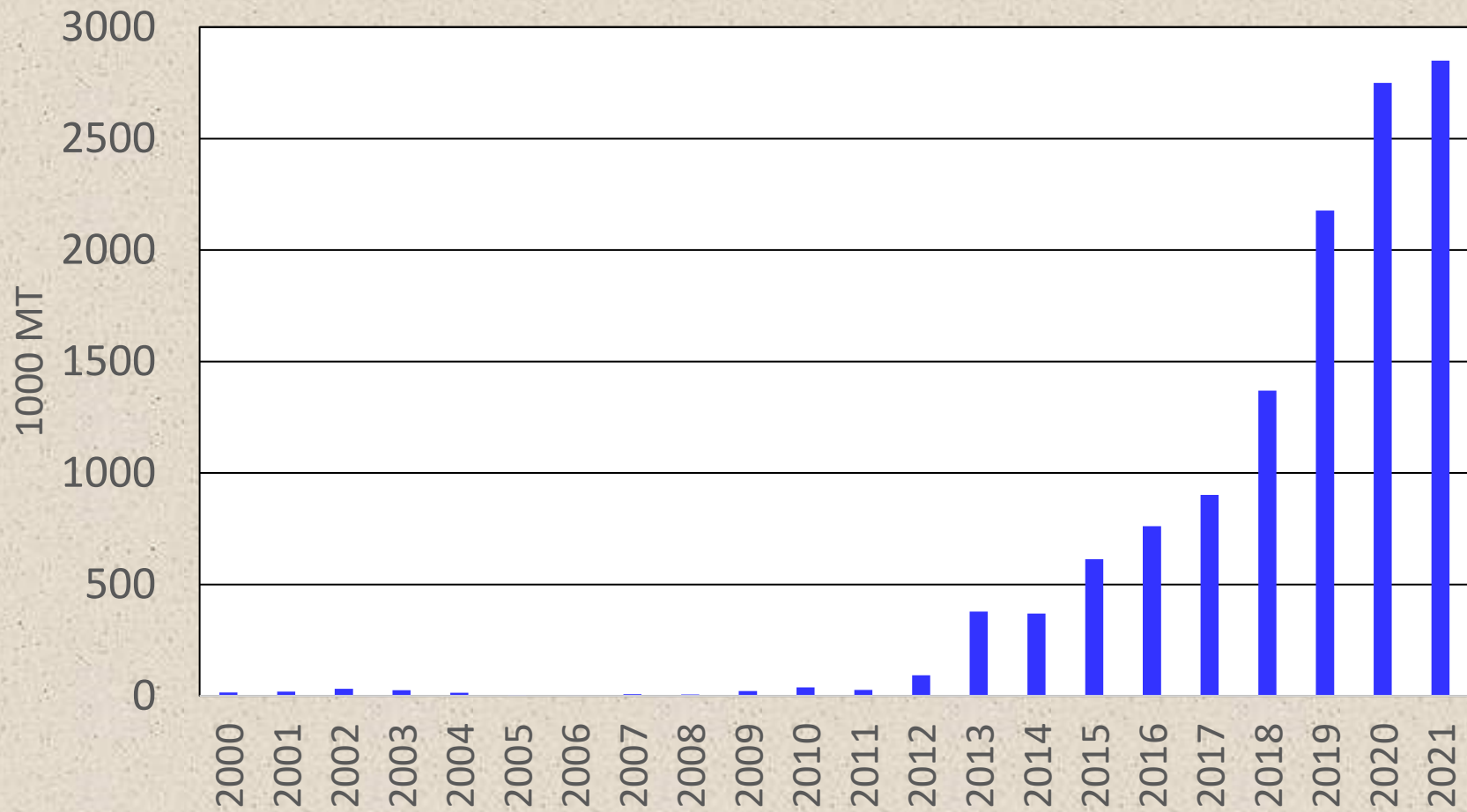
World Beef Imports

1,000 Metric Tons

	2016	2020*	% Change
World (% of Consumption)	7217 (12.8)	9261 (15.4)	+20.8
China (% of World)	761 (10.5)	2850 (30.8)	+274.5
U.S. (% of World)	1366 (18.9)	1422 (15.4)	+4.1
Japan (% of World)	698 (9.7)	860 (9.3)	+23.2
S. Korea (% of World)	450 (6.2)	535 (5.8)	+18.9
Russia (% of World)	470 (6.5)	340 (3.7)	-27.7
Hong Kong (% of World)	442 (6.1)	400 (4.3)	-9.5
E.U. (% of World)	359 (5.0)	330 (3.6)	-8.1
Top 7 Importers (% of World)	4546 (62.9)	6737 (72.5)	+48.2

USDA-FAS, *Forecast

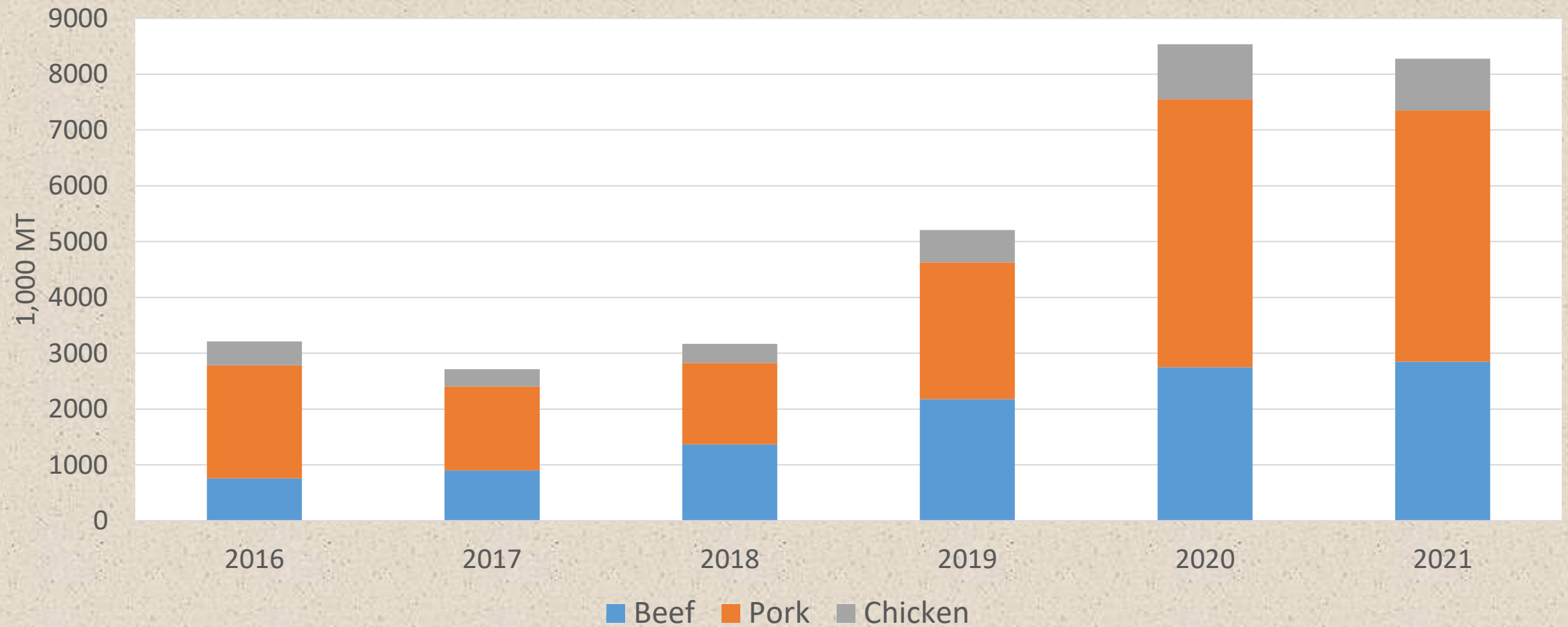
China Beef Imports



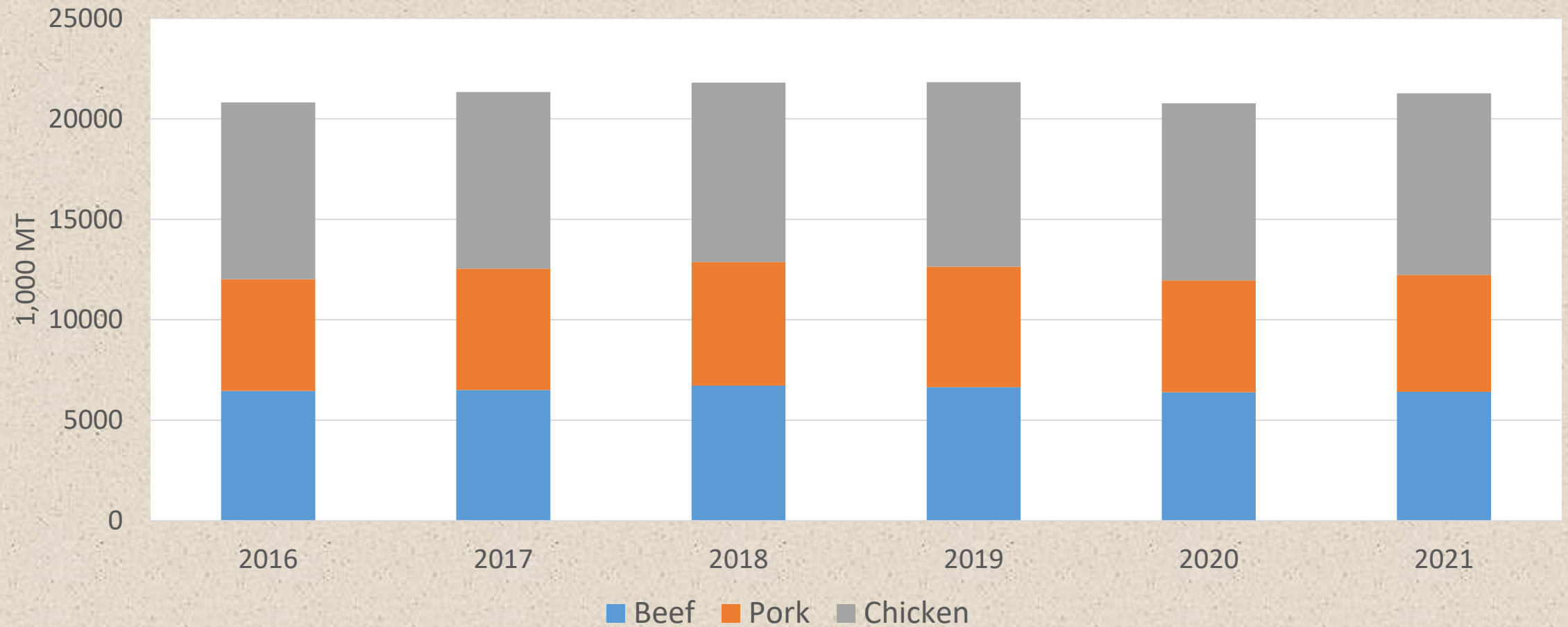


China
2018

China Meat Imports

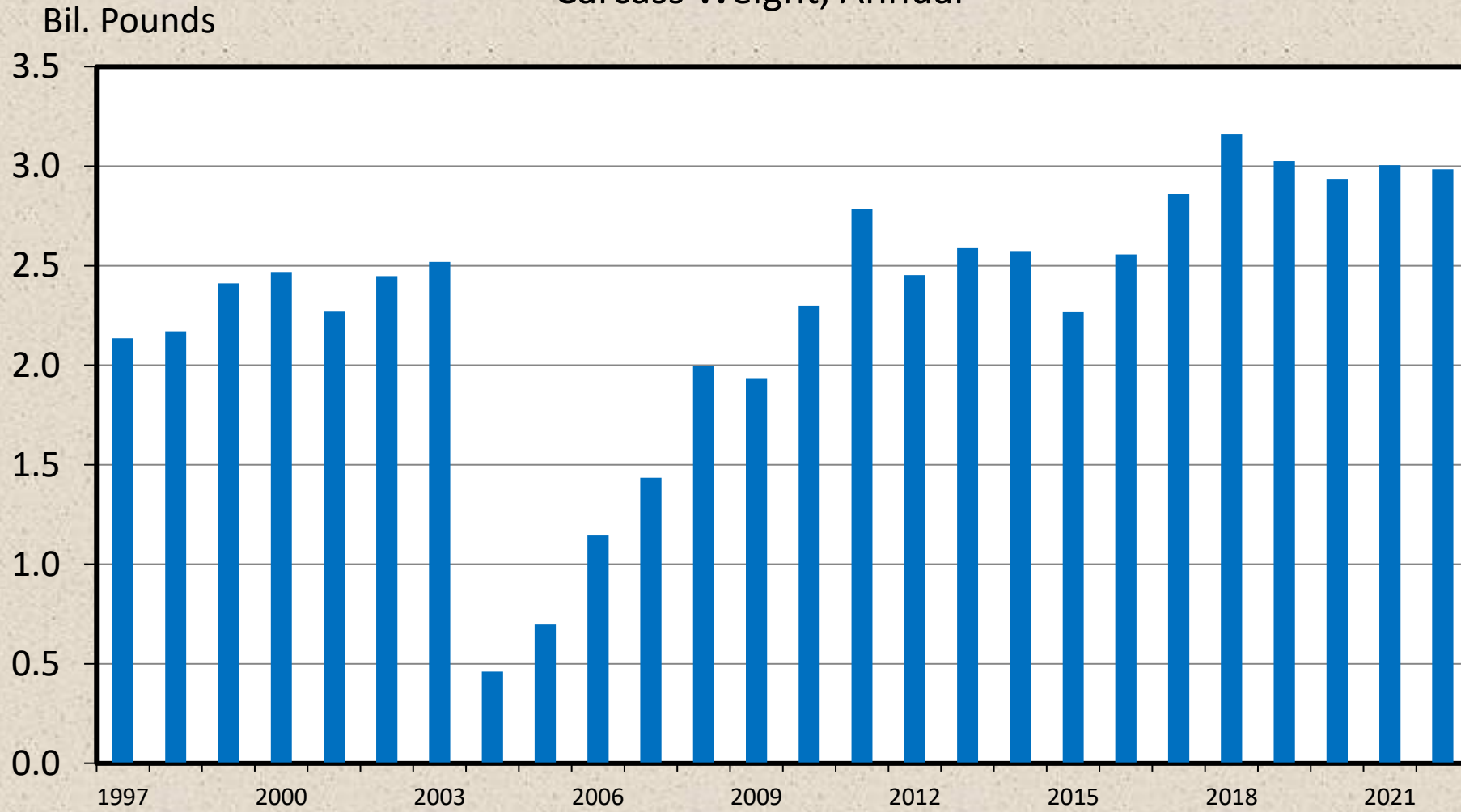


Global Meat Imports Excluding China



U.S. BEEF AND VEAL EXPORTS

Carcass Weight, Annual



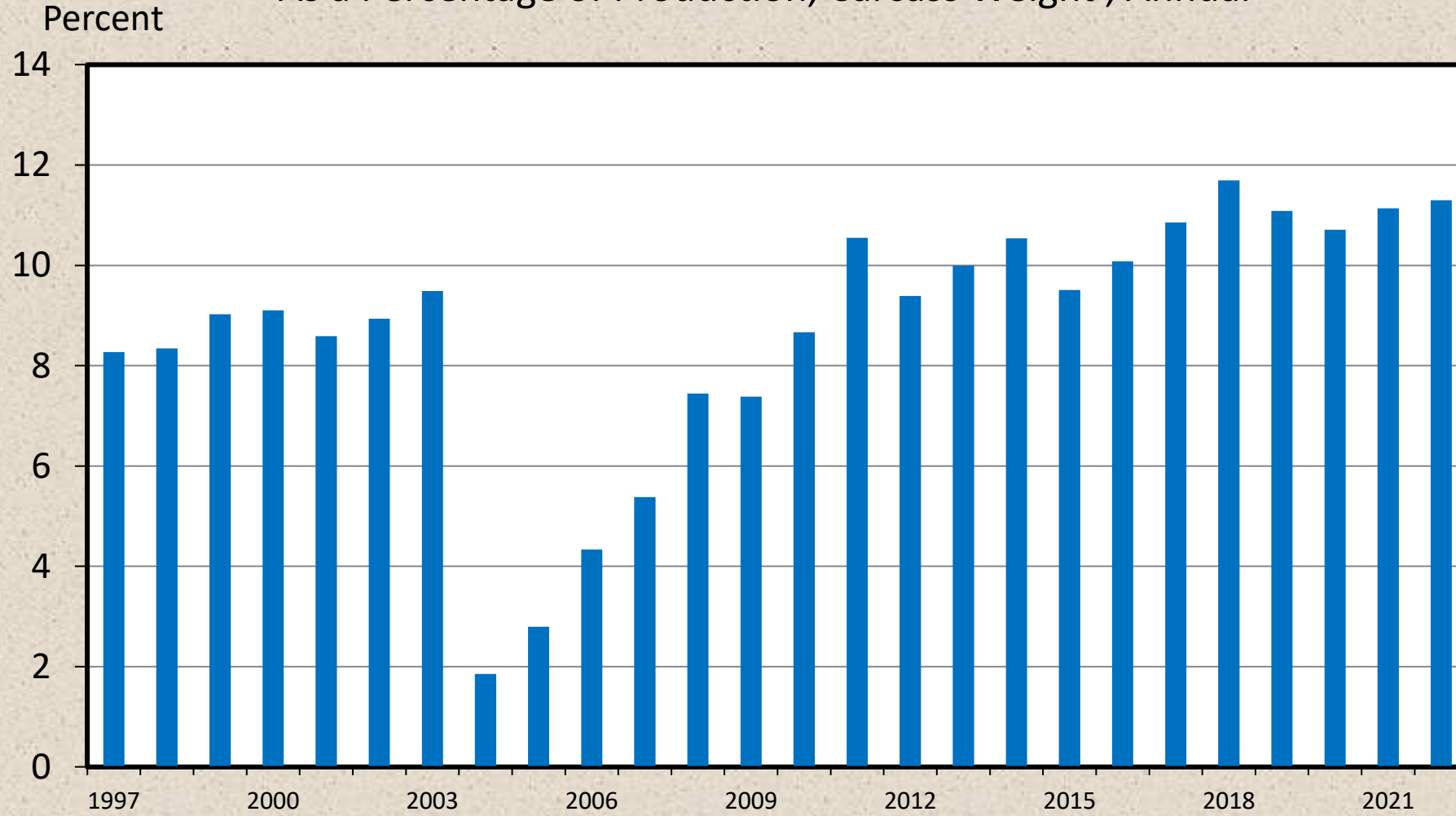
Data Source: USDA-ERS & USDA-FAS, Compiled and Forecasts by LMIC

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U.S. BEEF AND VEAL EXPORTS

As a Percentage of Production, Carcass Weight , Annual



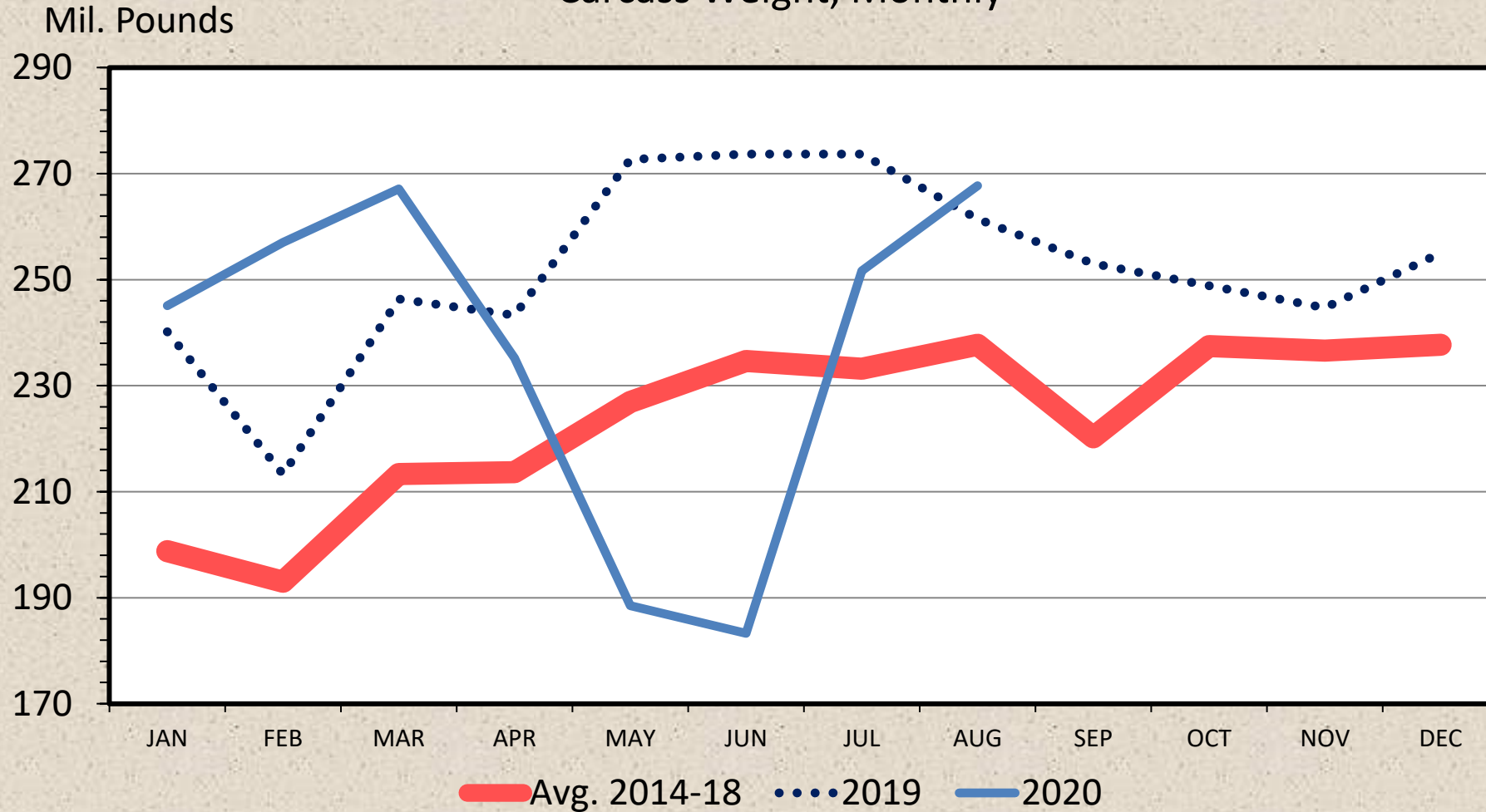
Data Source: USDA-ERS & USDA-FAS, Compiled and Forecasts by LMIC

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US BEEF AND VEAL EXPORTS

Carcass Weight, Monthly



Data Source: USDA-ERS & USDA-FAS

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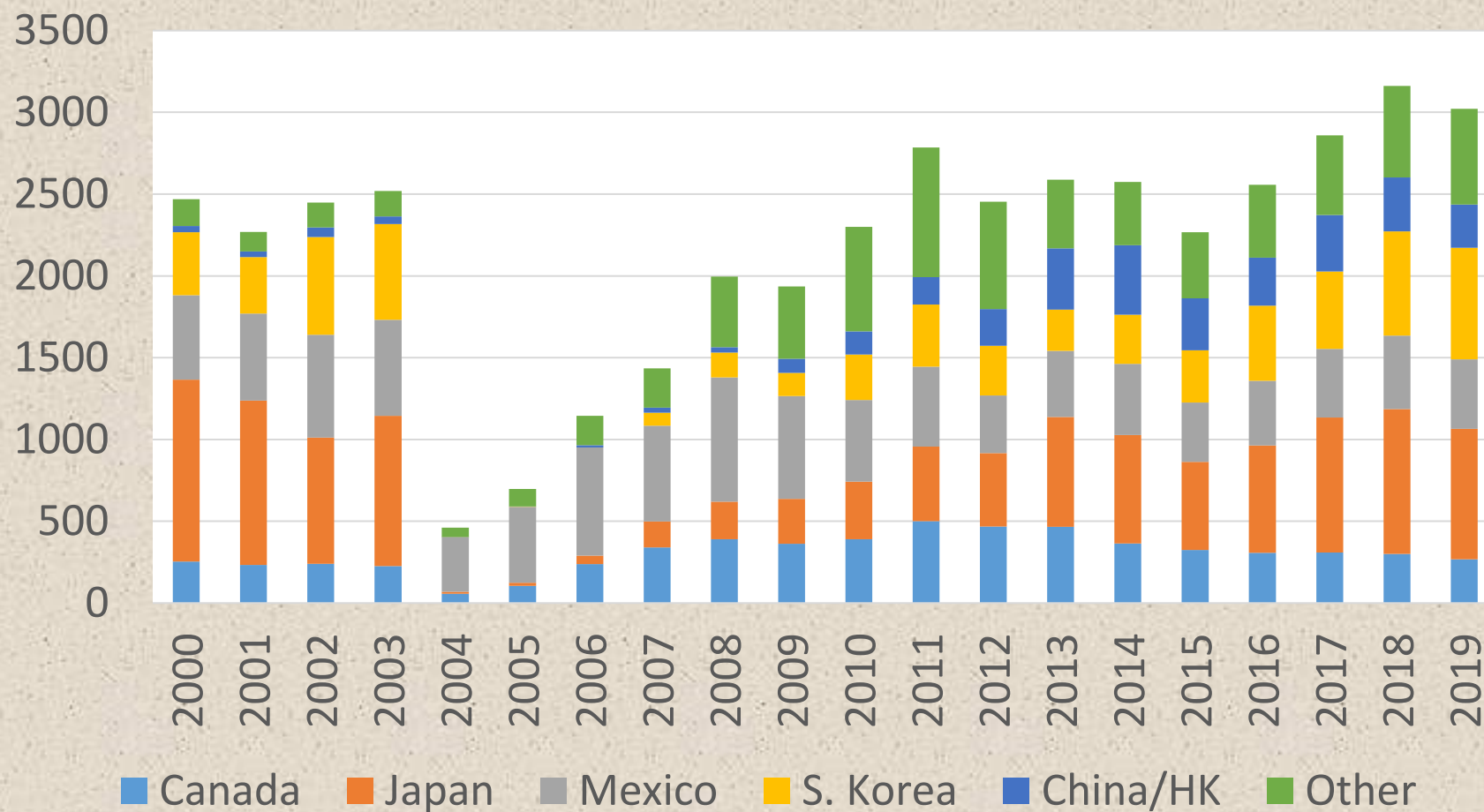
U.S. Beef Exports

	2018 (1000 lbs.)	% Change 2017 to 2018	2019 (1000 lbs.)	% Change 2018 to 2019	% of Total Exports	YTD % Of 2019
Japan	885568	+7.2	799227	-9.7	26.4	+3.6
Mexico	448734	+7.0	424455	-5.4	14.0	-40.5
Hong Kong	306510	-8.7	231942	-24.3	7.7	-2.8
Canada	299800	-2.9	267990	-10.6	8.9	+11.2
S. Korea	638032	+35.0	683281	+7.2	22.6	-2.8
Total	3159530	+10.5	30262038	-4.2		-6.4

YTD: Jan-Aug

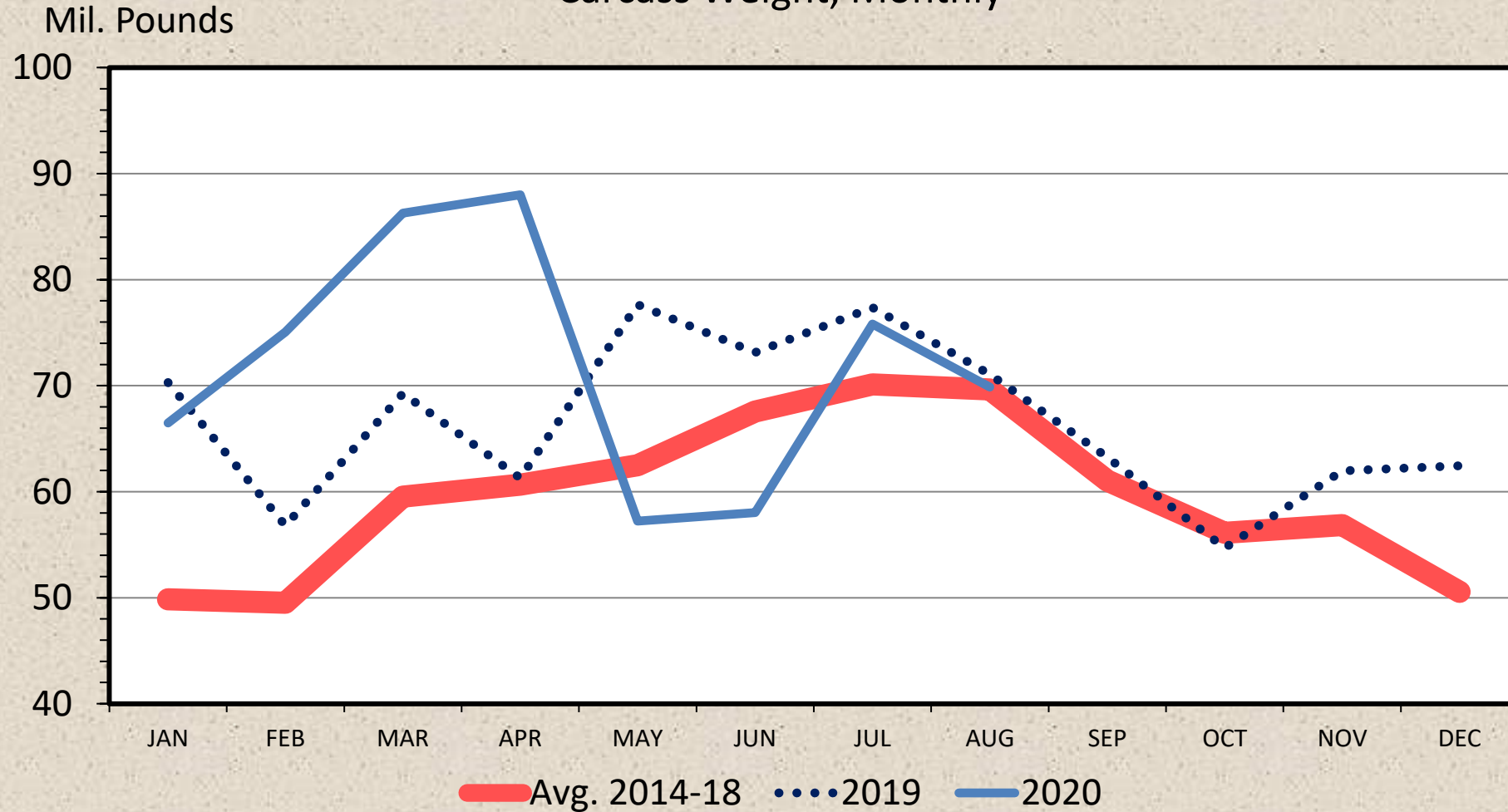
Beef Exports

1,000 tons



US BEEF EXPORTS TO JAPAN

Carcass Weight, Monthly



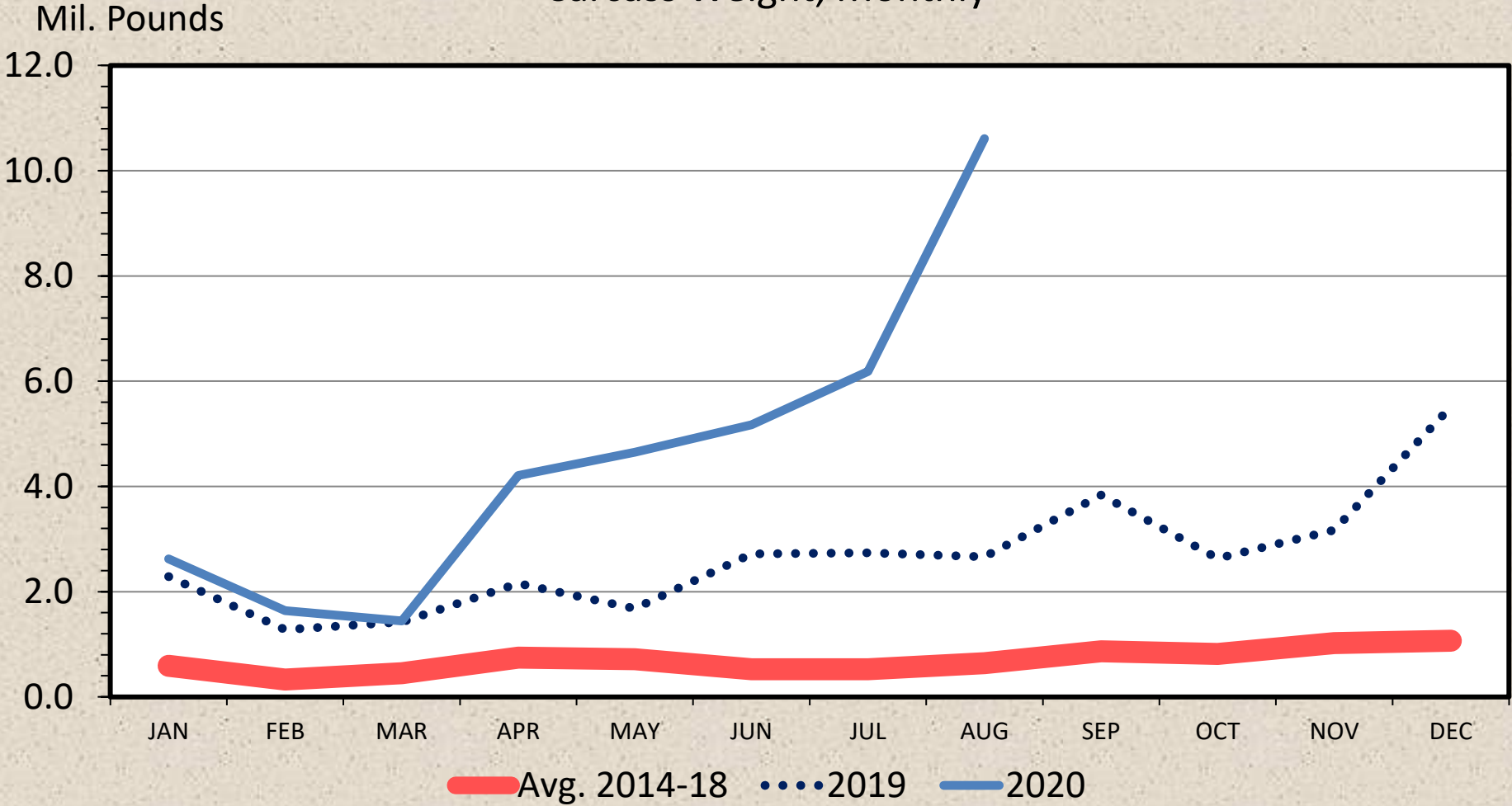
Data Source: USDA-ERS & USDA-FAS

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US BEEF EXPORTS TO CHINA (MAINLAND)

Carcass Weight, Monthly



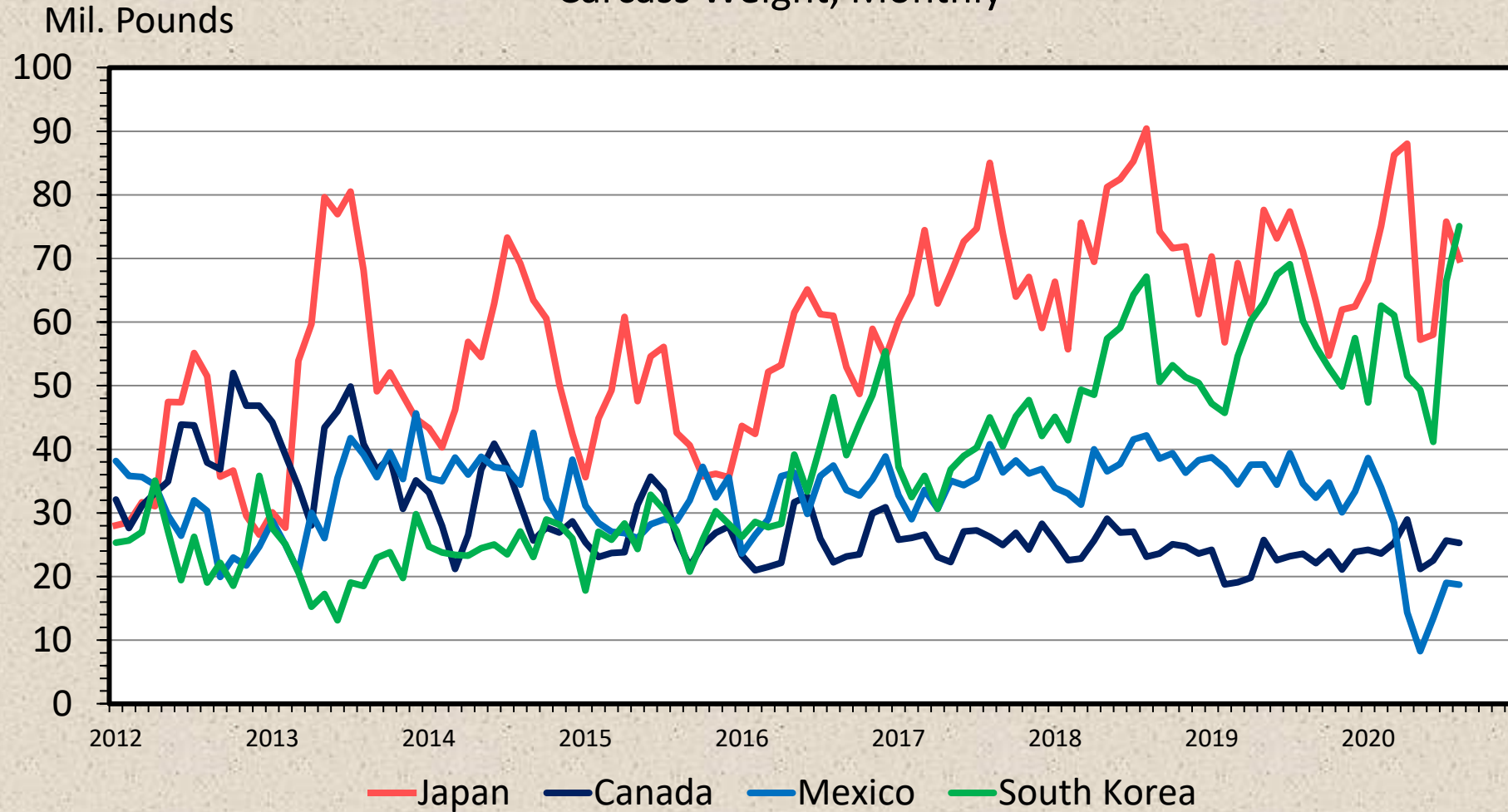
Data Source: USDA-ERS & USDA-FAS

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US BEEF EXPORTS TO MAJOR MARKETS

Carcass Weight, Monthly



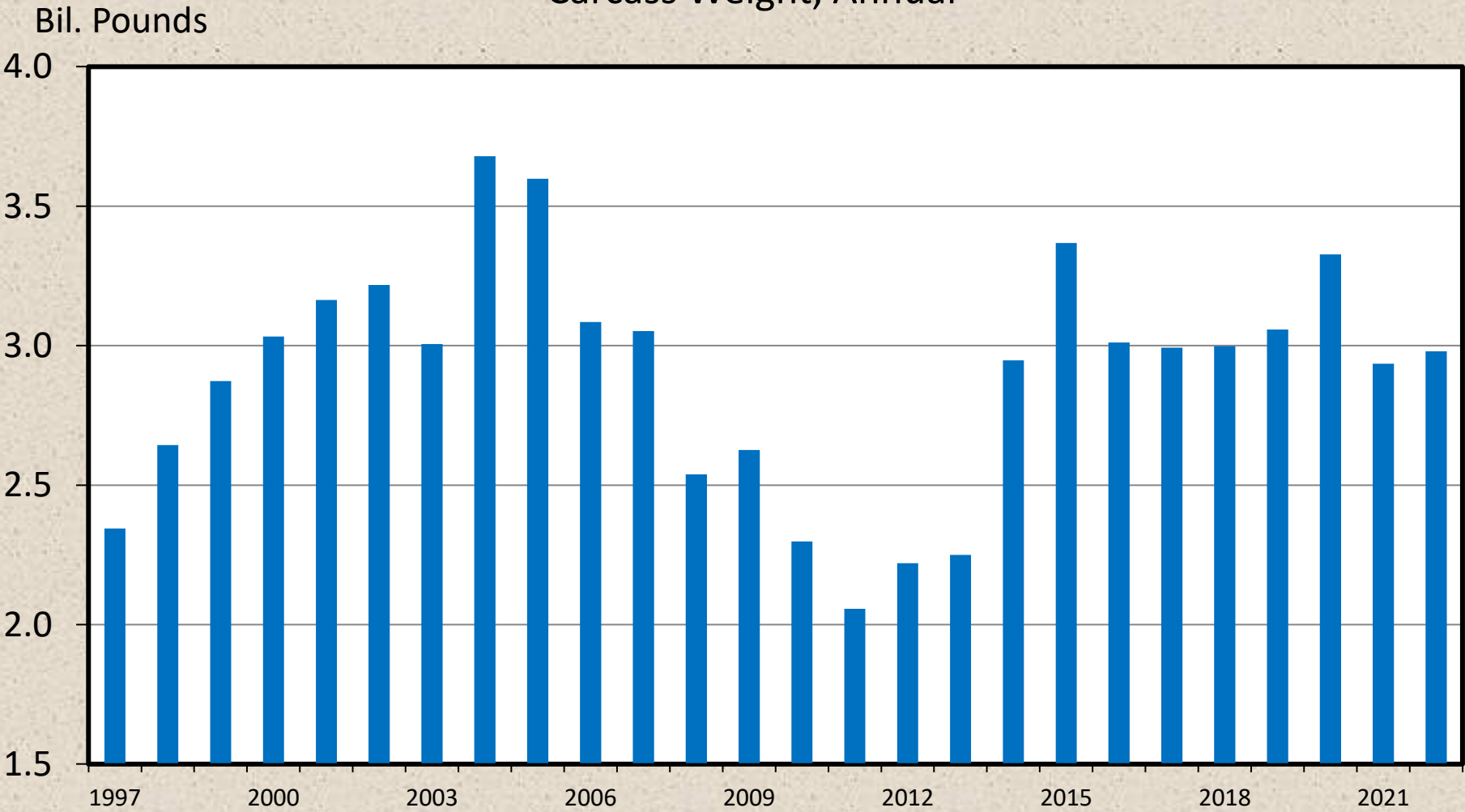
Data Source: USDA-ERS & USDA-FAS

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U.S. BEEF AND VEAL IMPORTS

Carcass Weight, Annual



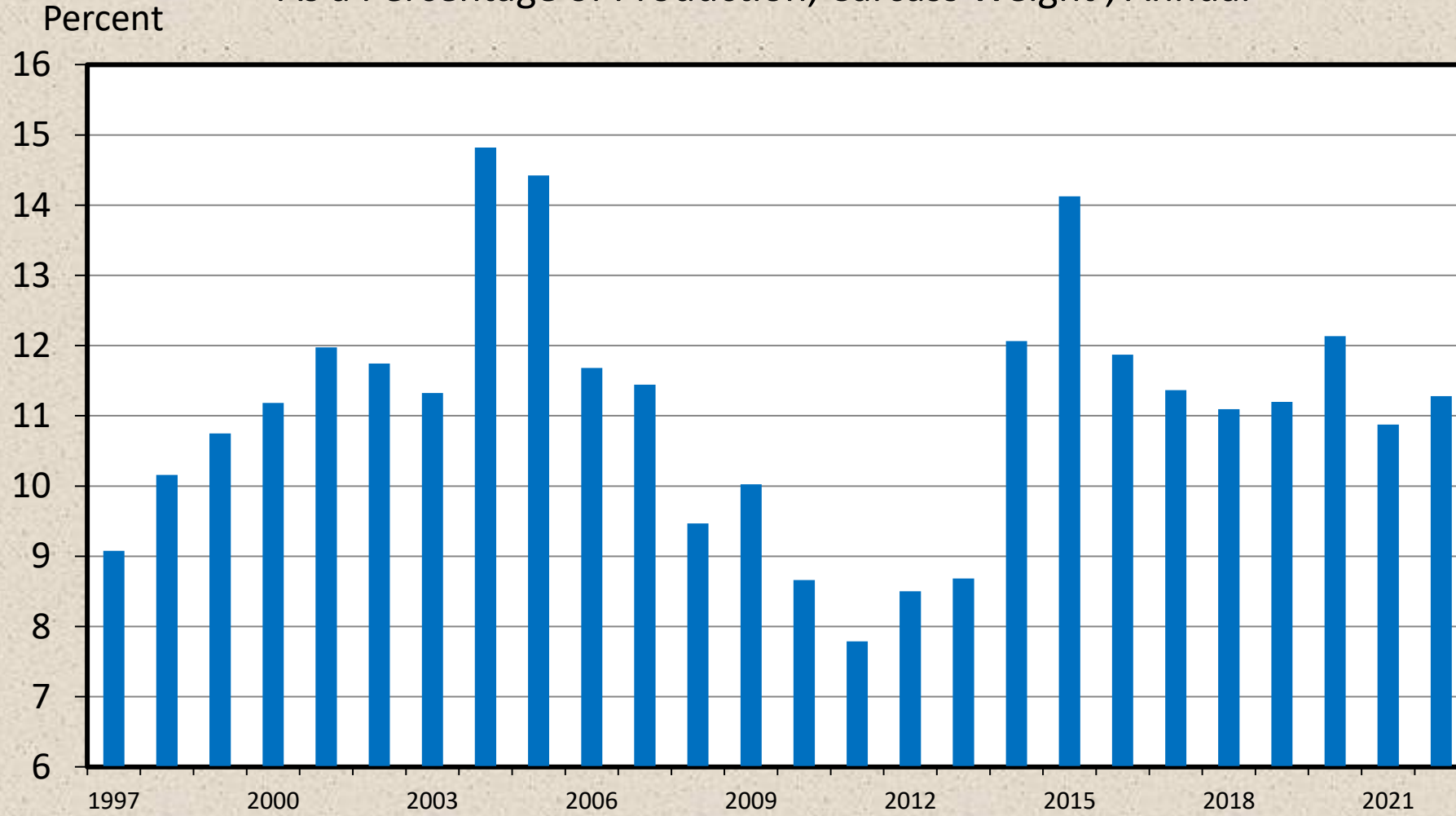
Data Source: USDA-ERS & USDA-FAS, Compiled and Forecasts by LMIC

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U.S. BEEF AND VEAL IMPORTS

As a Percentage of Production, Carcass Weight , Annual



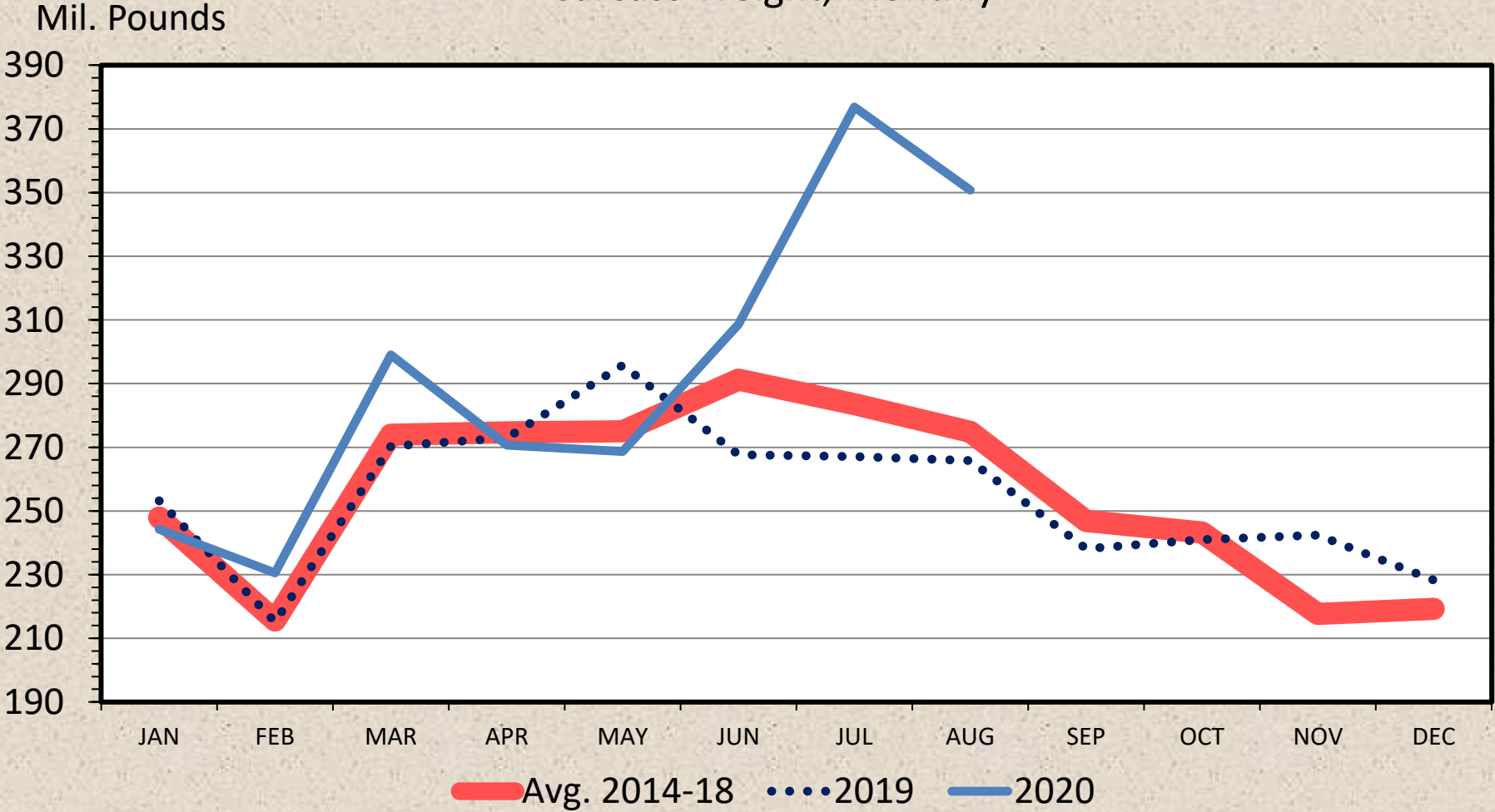
Data Source: USDA-ERS & USDA-FAS, Compiled and Forecasts by LMIC

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US BEEF AND VEAL IMPORTS

Carcass Weight, Monthly



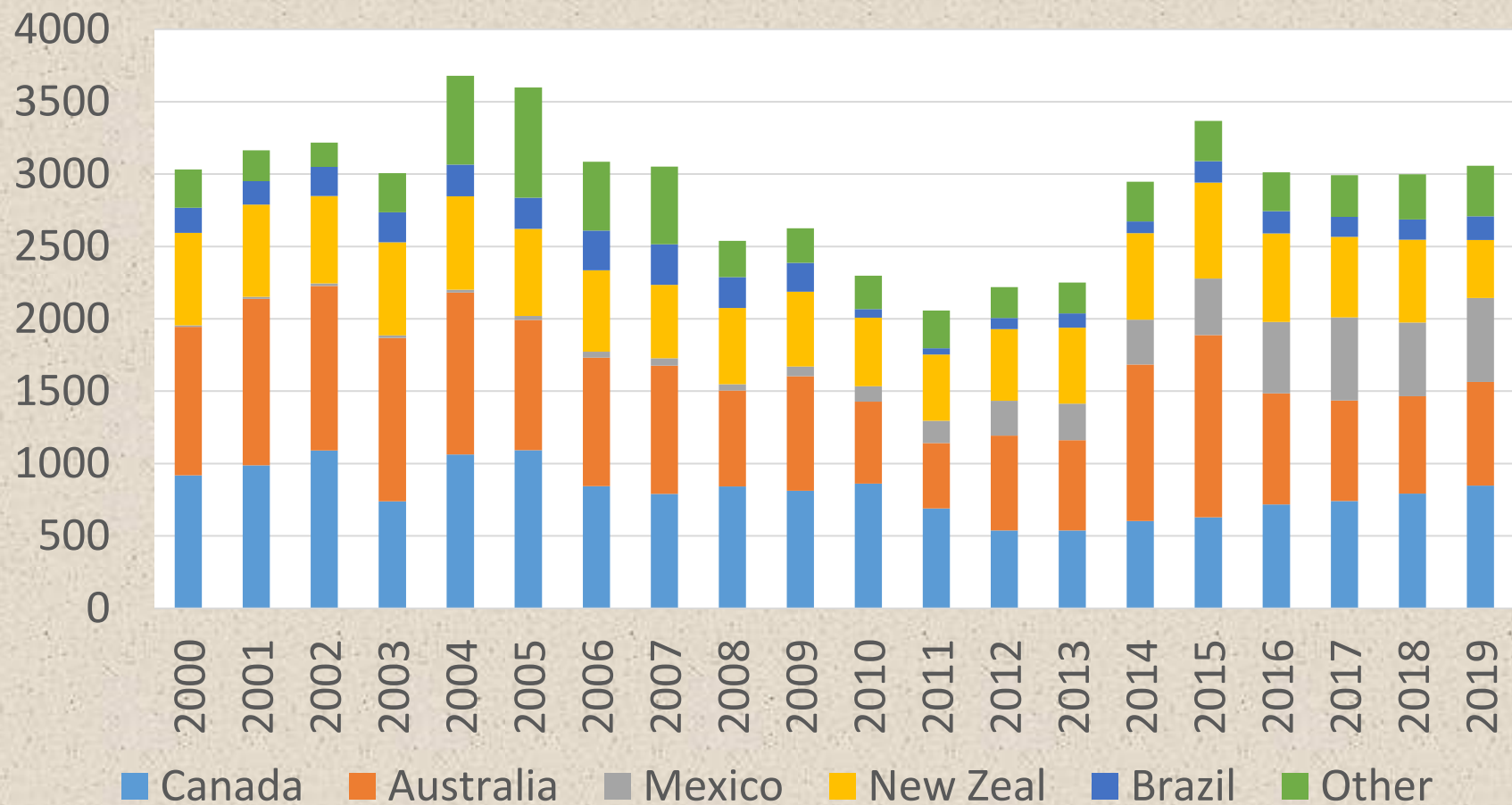
U.S. Beef Imports

	2018 (1000 lbs.)	% Change 2017 to 2018	2019 (1000 lbs.)	% Change 2018 to 2019	% of Total Imports	2020 YTD % of 2019
Australia	673014	-3.2	716666	+6.5	+23.4	-1.3
Canada	792194	+6.9	847839	+7.0	+27.7	-4.3
New Zealand	572536	+2.8	400991	-30.0	+13.1	+18.2
Mexico	508185	-11.4	579958	+14.1	+19.0	+26.9
Brazil	141017	+2.5	163153	+15.7	+5.3	+21.0
Total	2998455	+0.2	3057679	+2.0		+11.5

YTD: Jan-Aug

Beef Imports

1,000 tons



U.S. Hamburger Facts:

- ✓ Ground beef consumption is estimated at 26 pounds per capita
- ✓ Ground beef consumption is 45% of total beef consumption
- ✓ Fed steers and heifers produce about 144 pounds of trimmings per carcass, which is about 64% lean
- ✓ 190 pounds of lean trim from cows, bulls and imported beef is mixed with fed trim to make 334 pounds of ground beef per fed steer and heifer slaughtered, which averages 79% lean.

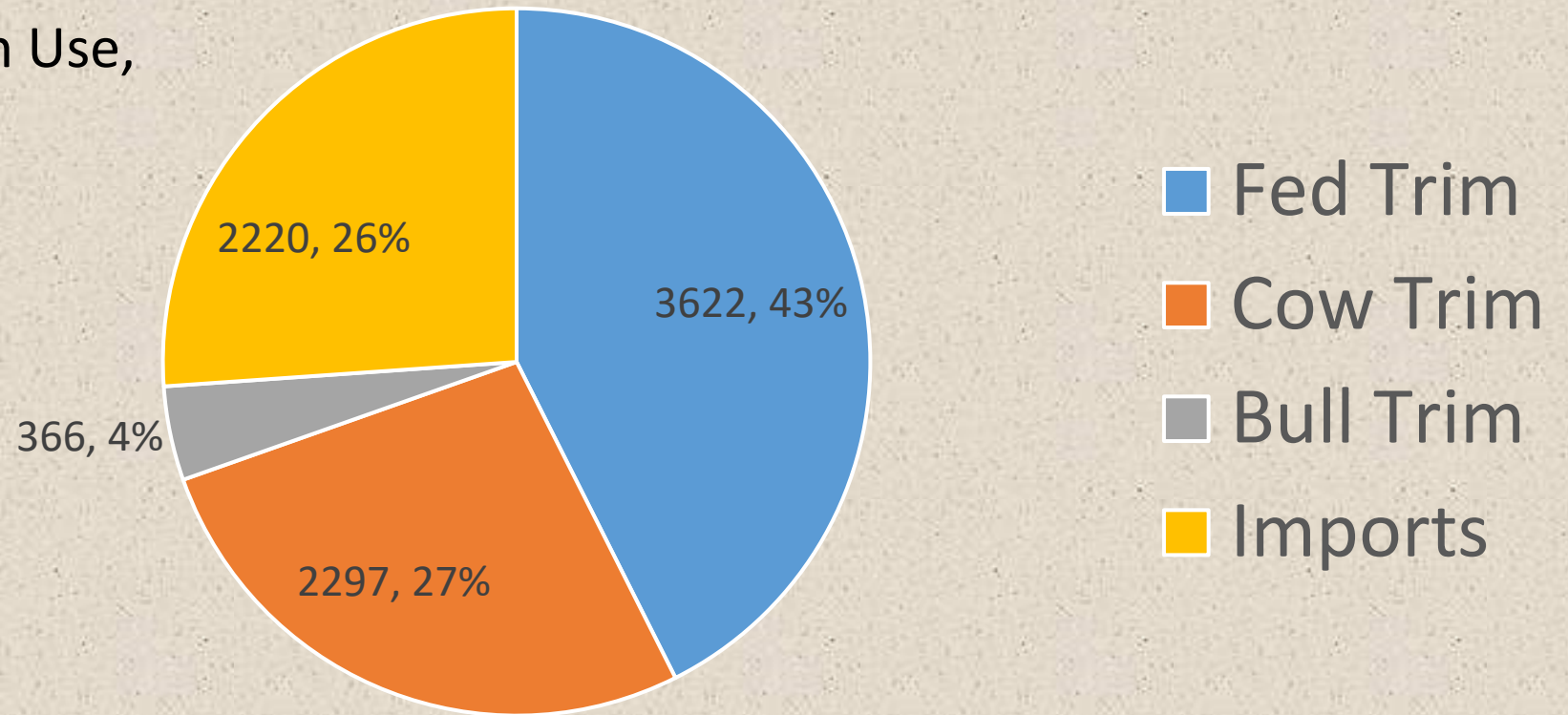
U.S. Hamburger Facts (cont):

- ✓ Total ground beef production is 31% of total beef production
- ✓ Imported beef makes up about 26% of U.S. ground beef supplies
- ✓ Domestic cow slaughter would have to double to replace the imported beef used in ground beef
- ✓ Lean trimmings represent an estimated 72% of total beef imports

Ground Beef Industry

Total Estimated Trim Use,
U.S., 2019:

8.5 Billion lbs.

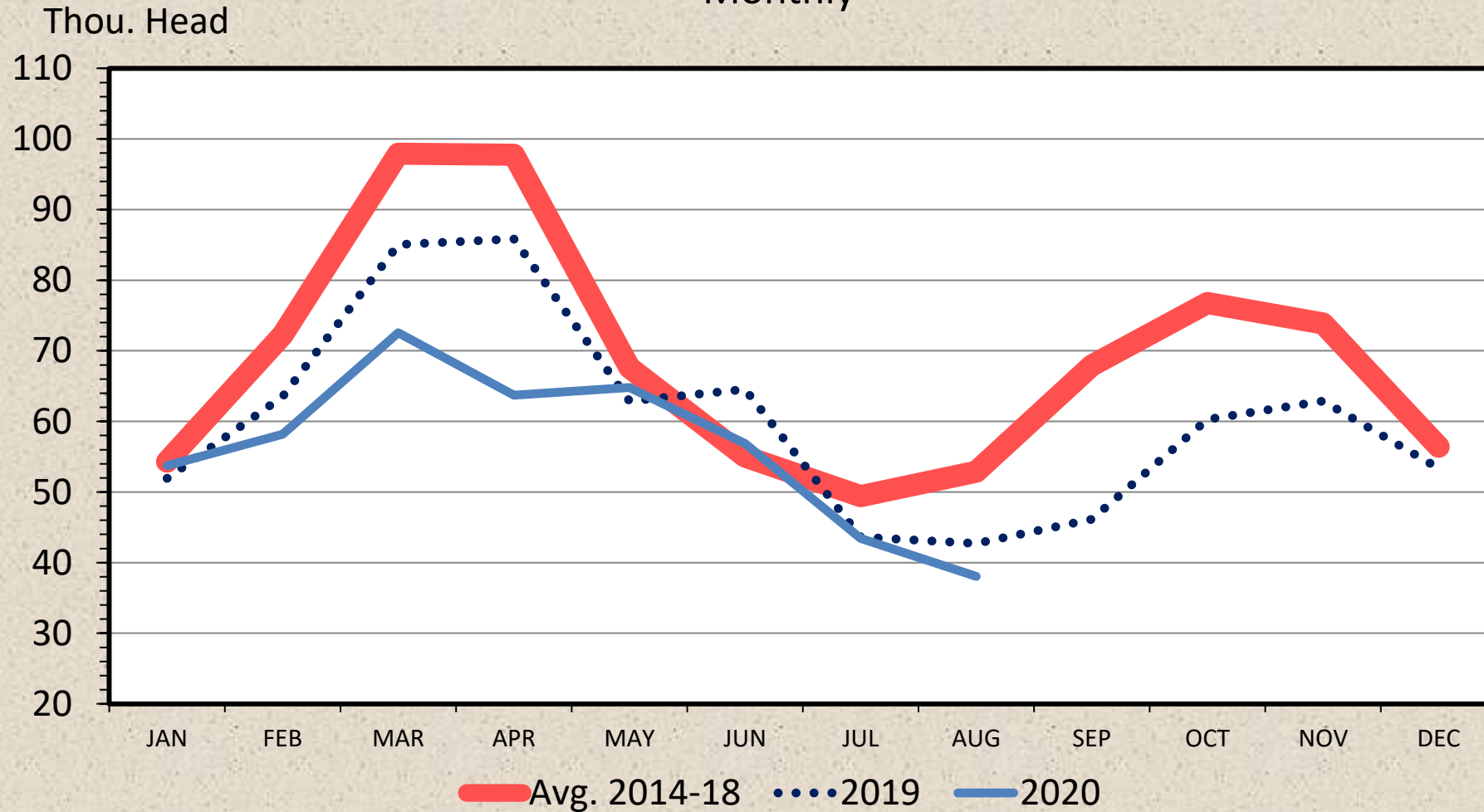


Impact of No Beef Imports

- Several possible outcomes:
 - Decrease ground beef production by 45 %
or
 - Grind more muscle cuts
or
 - Raise 12-15 % of yearlings as range beef and sell like cull cows
- All alternatives would result in lower value for U.S. cattle industry

US CATTLE IMPORTS FROM CANADA

Monthly



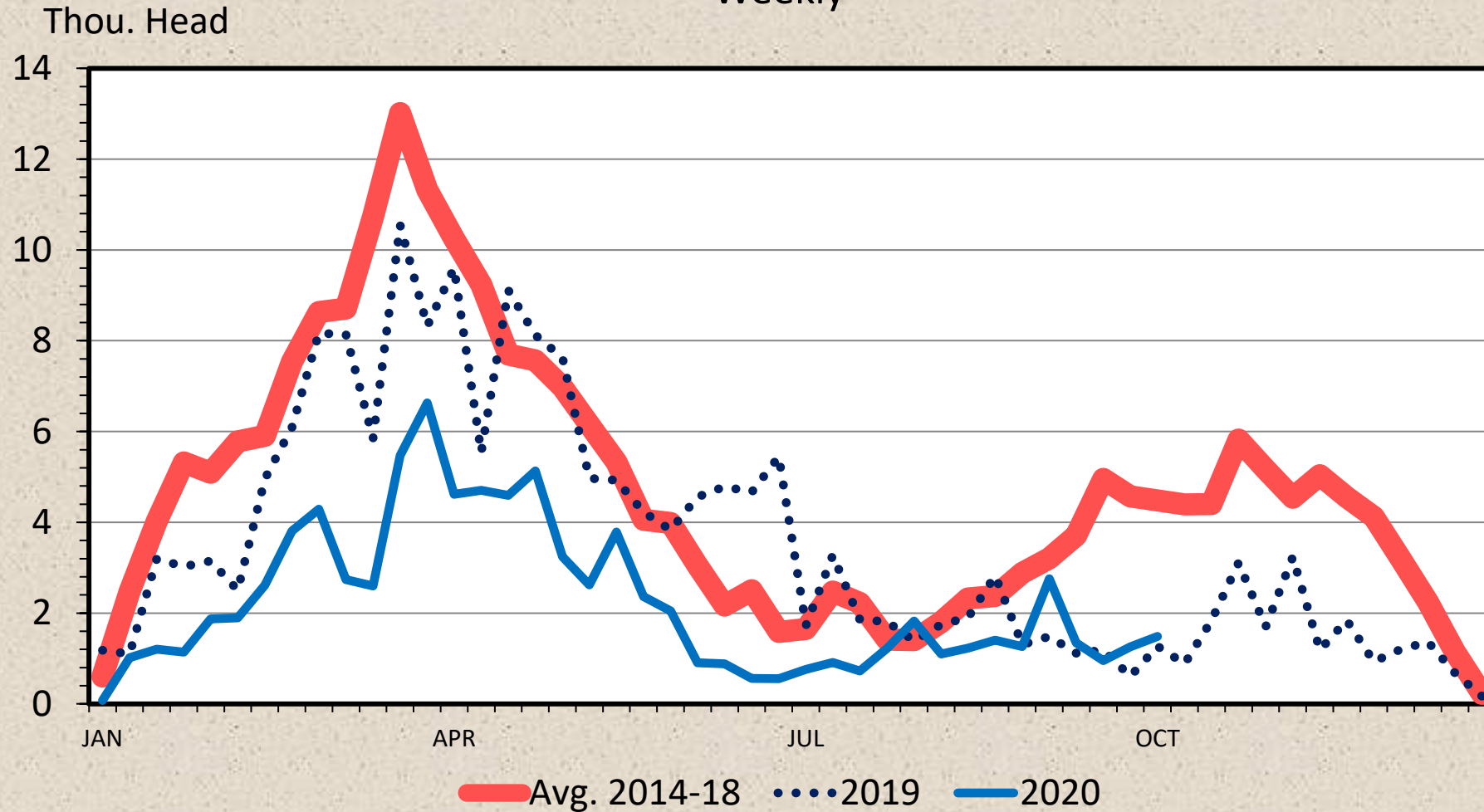
Data Source: USDA-ERS & USDA-FAS

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FEEDER CATTLE IMPORTS FROM CANADA

Weekly

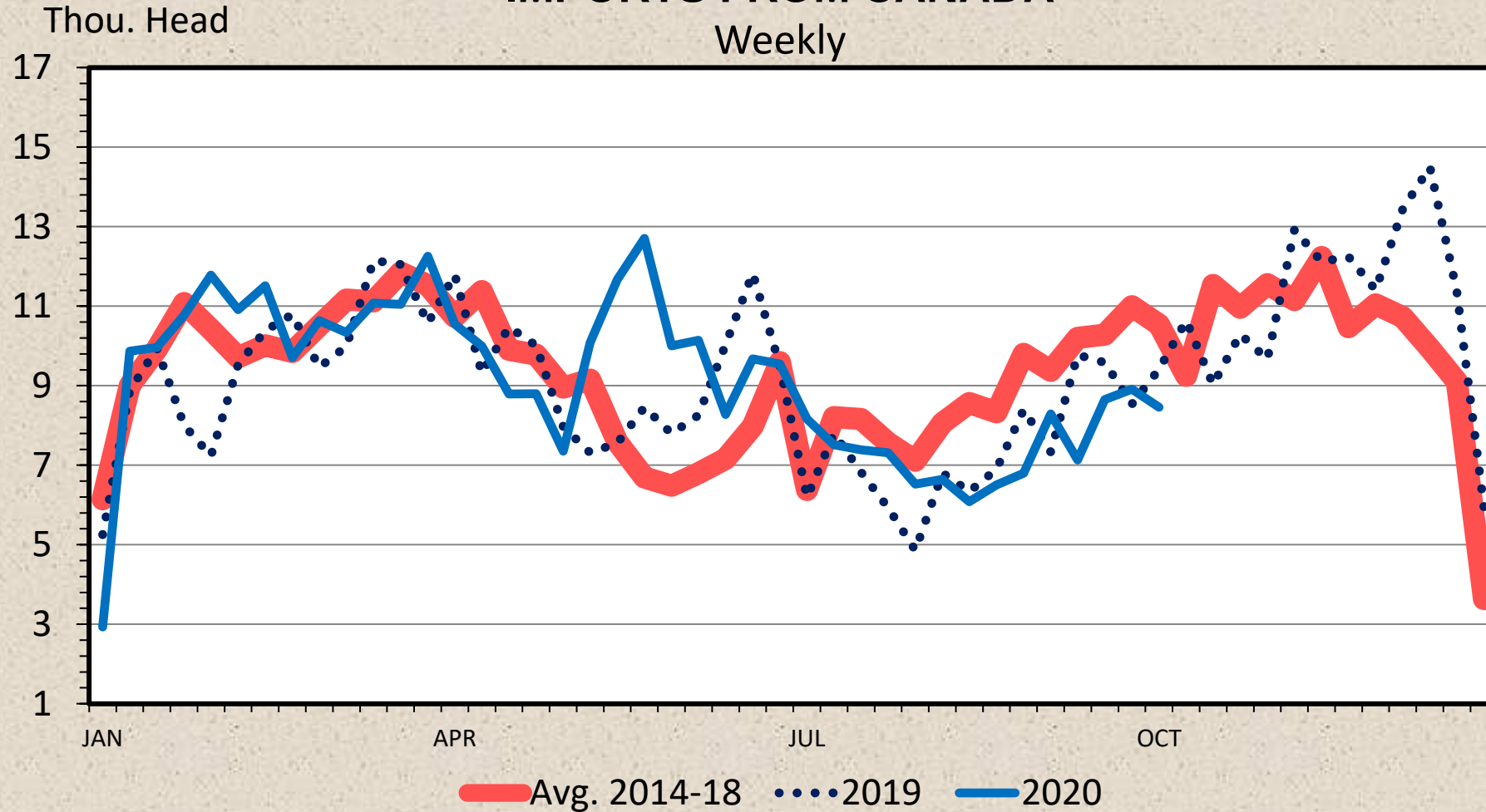


Data Source: USDA-AMS & USDA-APHIS

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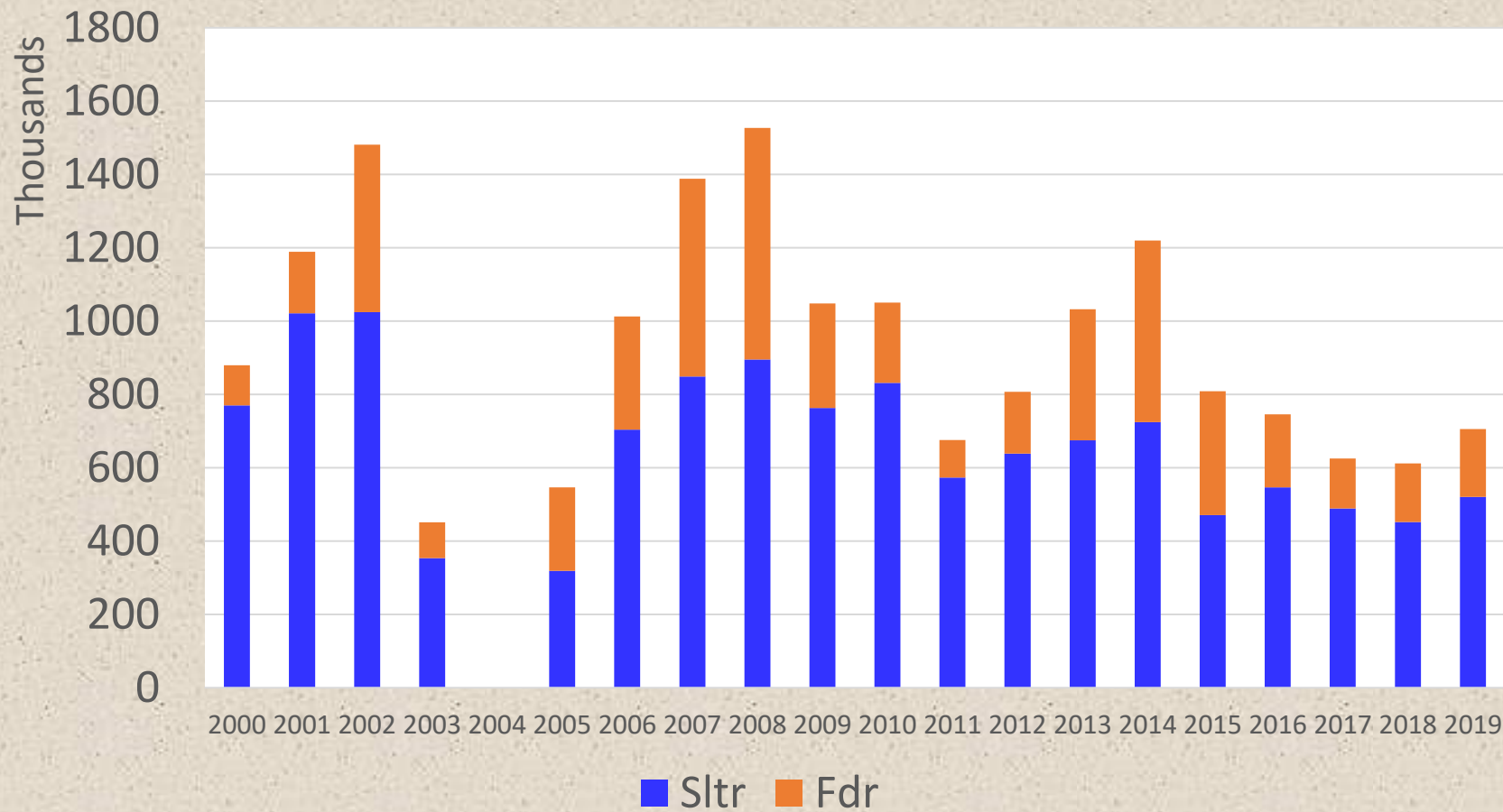
SLAUGHTER STEERS, HEIFERS, AND COWS IMPORTS FROM CANADA



Data Source: USDA-AMS & USDA-APHIS

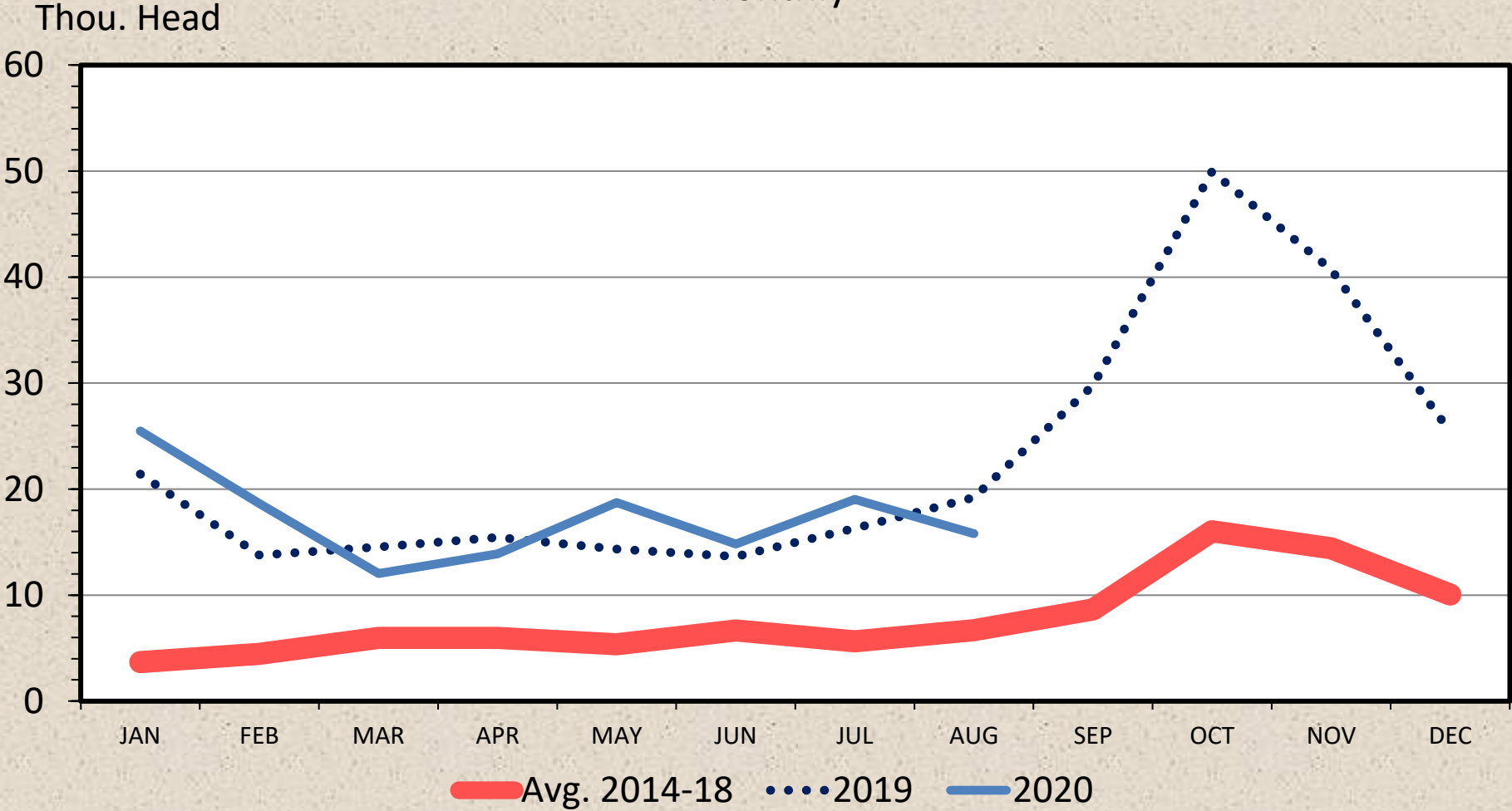
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Cattle Imported from Canada



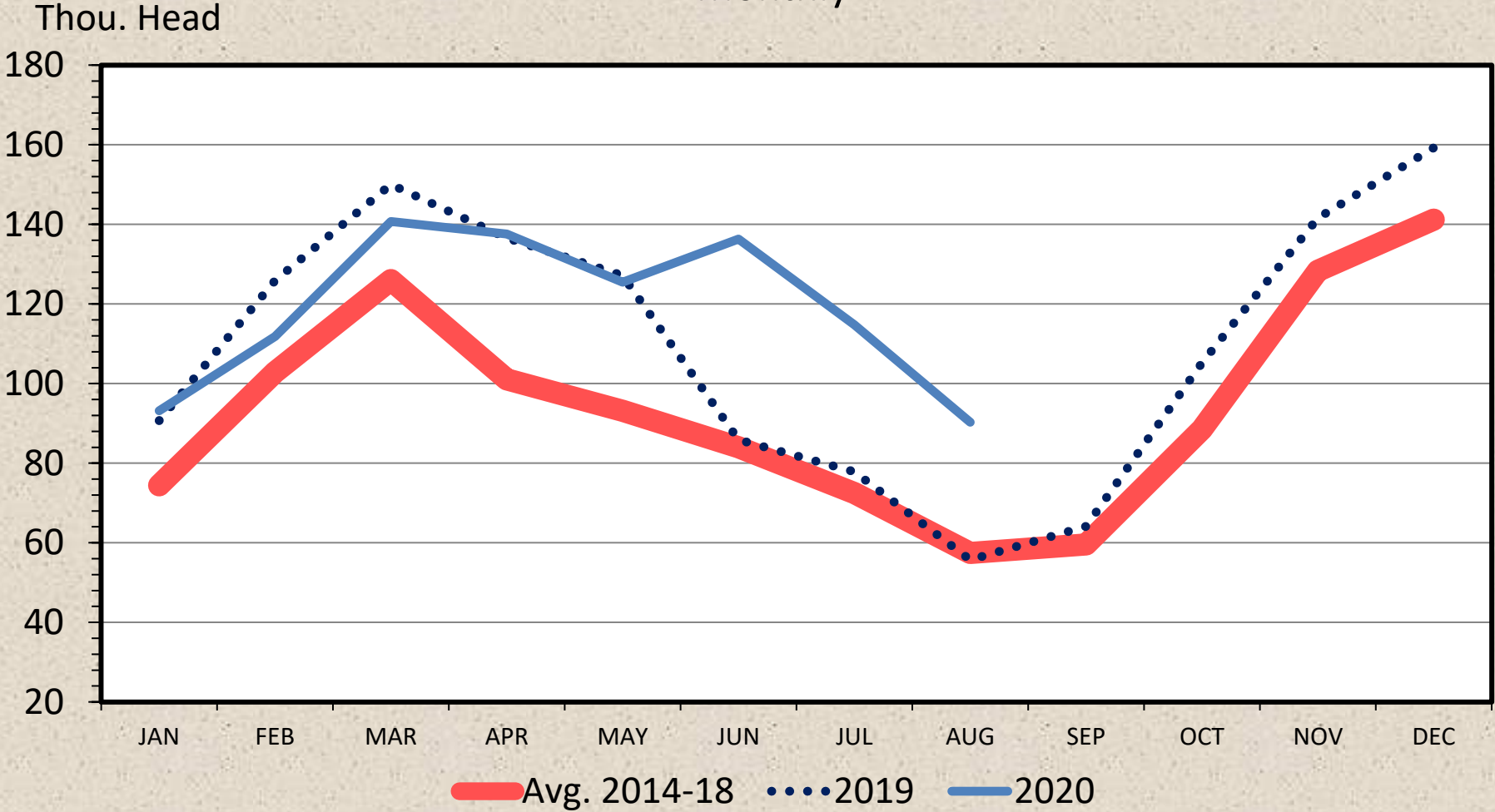
US CATTLE EXPORTS TO CANADA

Monthly



US CATTLE IMPORTS FROM MEXICO

Monthly



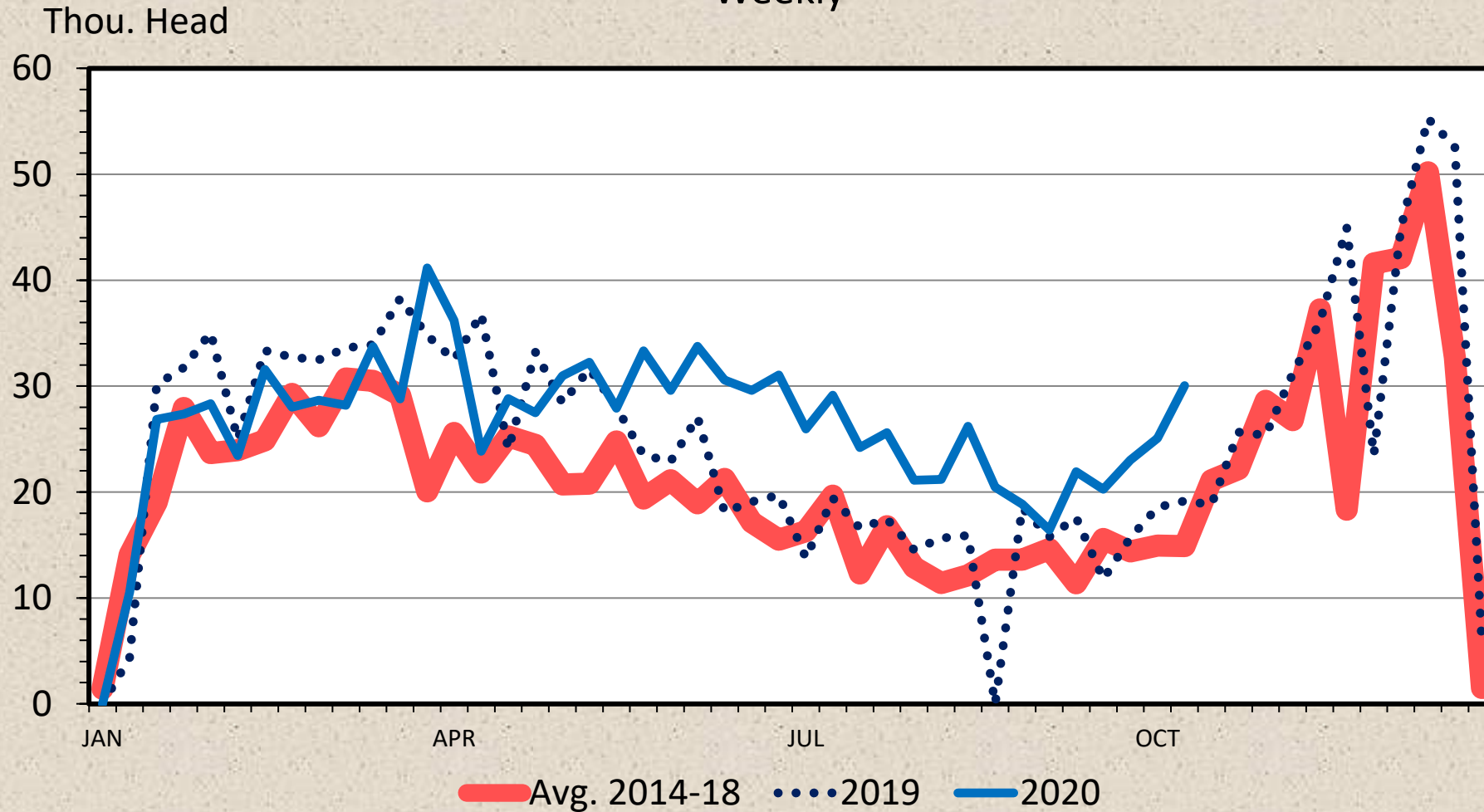
Data Source: USDA-ERS & USDA-FAS

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FEEDER CATTLE IMPORTS FROM MEXICO

Weekly

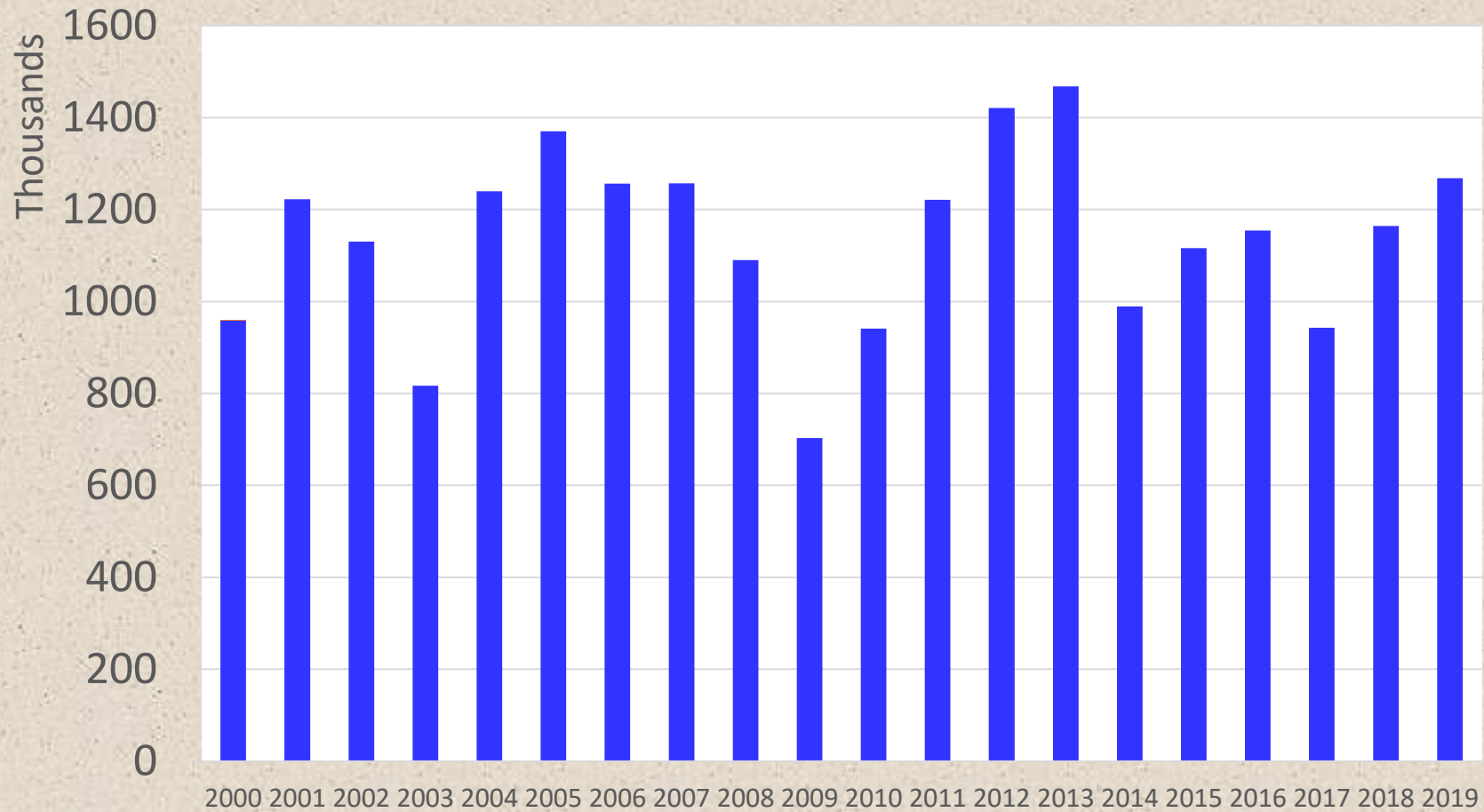


Data Source: USDA-AMS & USDA-APHIS

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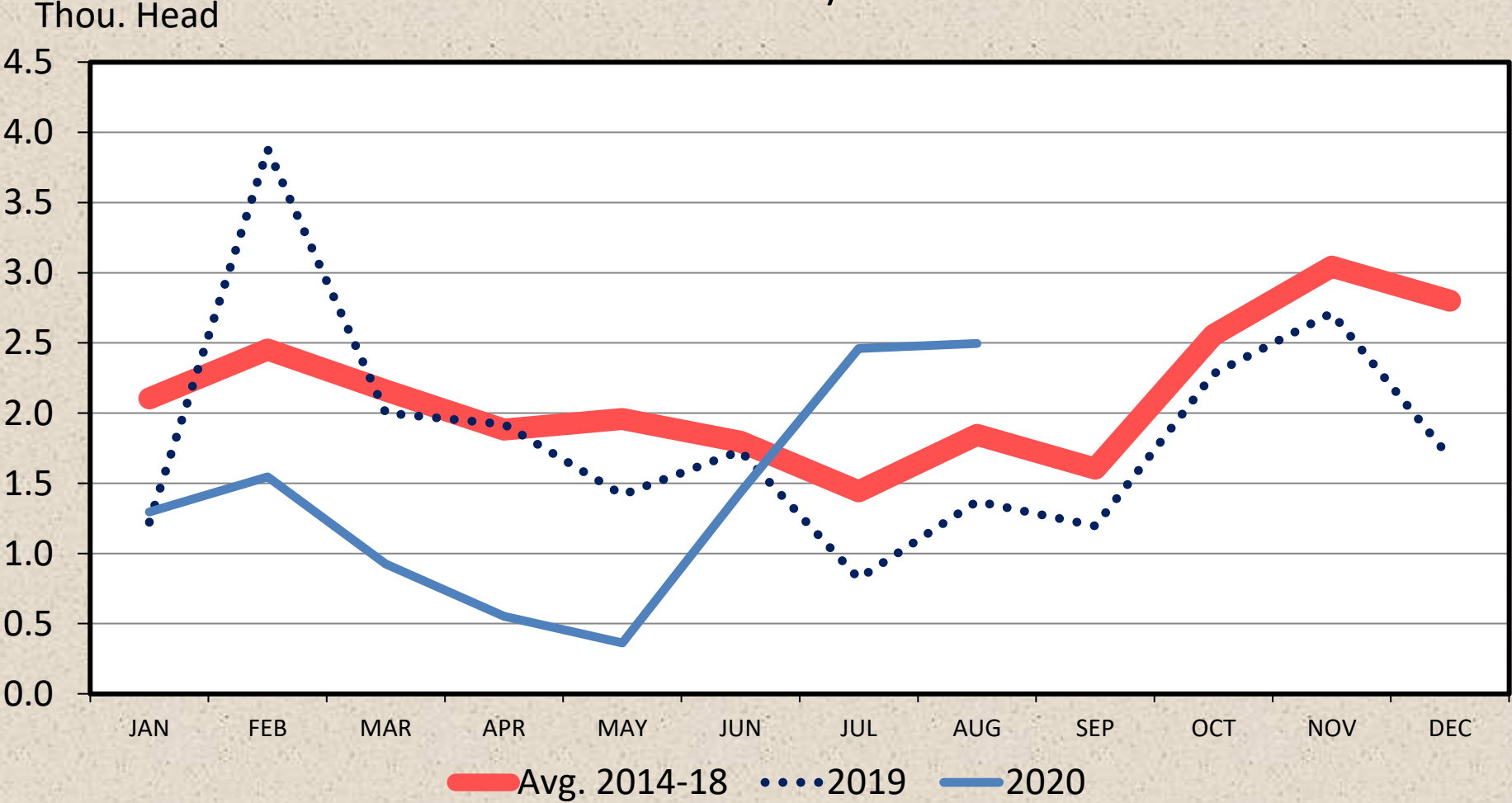
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Cattle Imported from Mexico



US CATTLE EXPORTS TO MEXICO

Monthly



Early
1970s





Cow-Calf Corner

The Weekly Email Newsletter

From OSU Animal Science and Agricultural Economics



- Send Email to derrell.peel@okstate.edu