



# PLASTICS

INDUSTRY ASSOCIATION

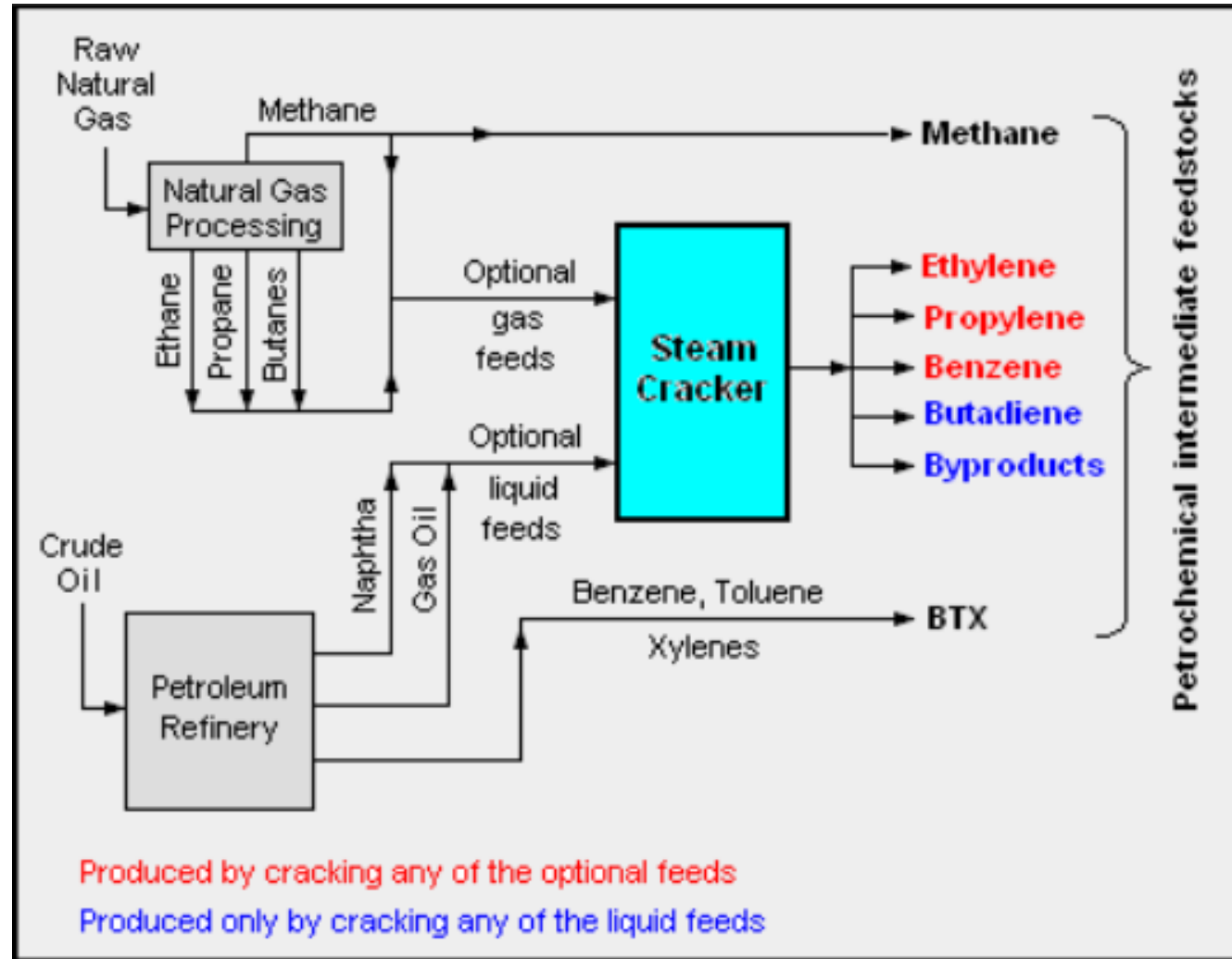
Perc Pineda, PhD

Chief Economist

[ppineda@plasticsindustry.org](mailto:ppineda@plasticsindustry.org)

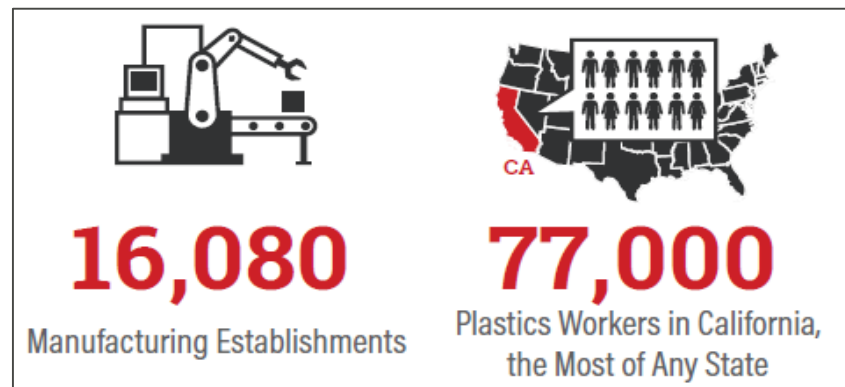
@PercPineda

# From Petrochemicals to Plastics Manufacturing





# One industry that makes a positive impact



## TOP STATES FOR PLASTICS EMPLOYMENT (PLASTICS INDUSTRY, 2016)

Rank	State	Plastics Employment Thousands
1	California	77.0
2	Ohio	75.2
3	Texas	74.8
4	Michigan	70.6
5	Indiana	51.0
6	Illinois	50.8
7	Pennsylvania	47.9
8	Wisconsin	39.8
9	North Carolina	38.3
10	New York	30.6
	<b>U.S. Total</b>	<b>964.6</b>

# 2016: Plastics Employment in Appalachia Region

Rank	State	Employment (Thousands)	Payroll (\$ Millions)	
			Plastic Industry	Dependent Industries
2	Ohio	75.2	3,680	71,940
7	Pennsylvania	47.9	2,400	76,870
9	North Carolina	38.3	1,880	53,940
10	New York	30.6	1,580	121,660
11	Georgia	29.1	1,420	48,610
12	Tennessee	28.0	1,350	39,090
13	Kentucky	27.2	1,280	25,320
14	South Carolina	25.4	1,330	24,610
15	Alabama	21.4	1,040	24,320
21	Virginia	17.3	910	43,160
29	Mississippi	8.2	390	13,990
35	West Virginia	5.3	350	8,740
37	Maryland	4.7	340	35,180

Source: © PLASTICS Size and Impact 2016



# Plastics Industry 2017 Production (\$ 2012)

Plastics  
materials  
and resins  
\$87 B

Plastics  
machinery  
and  
equipment  
\$3.5 B

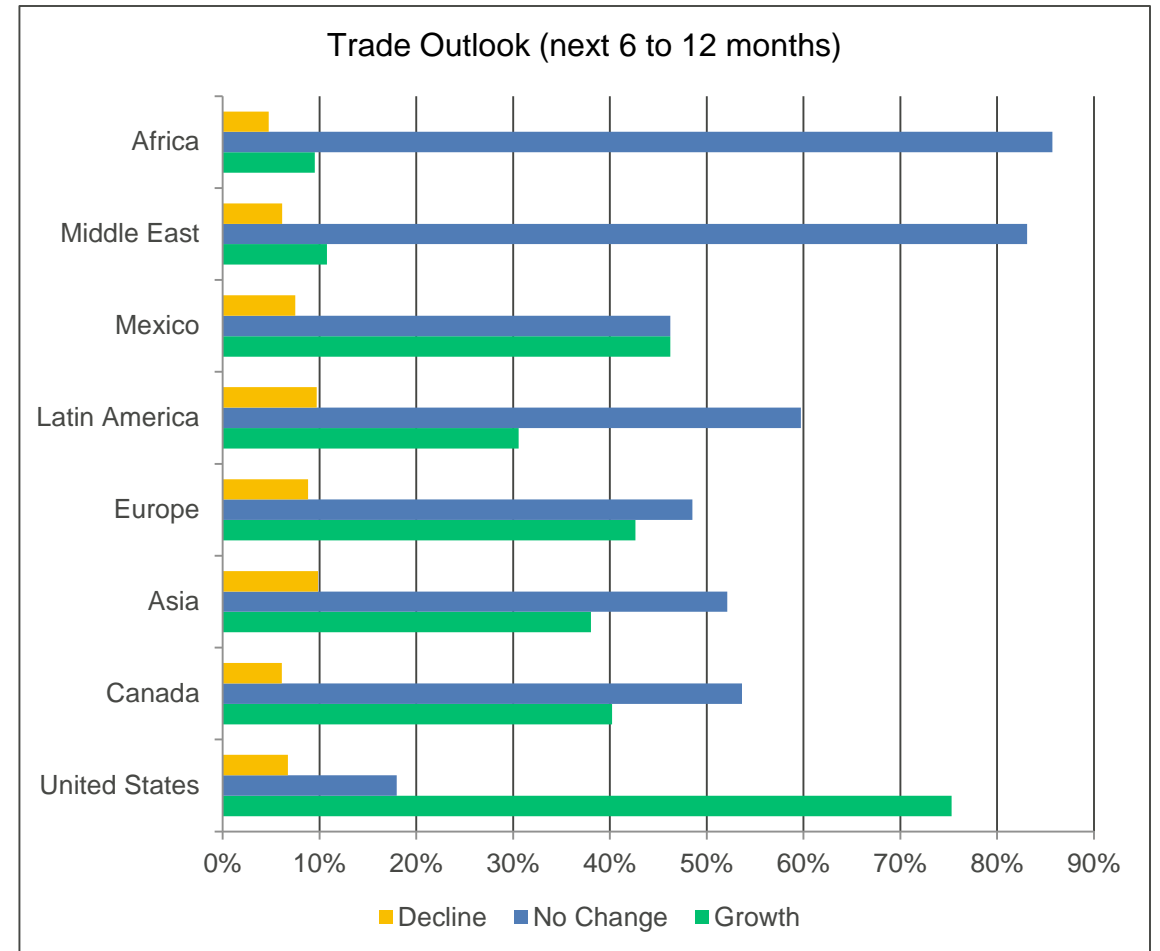
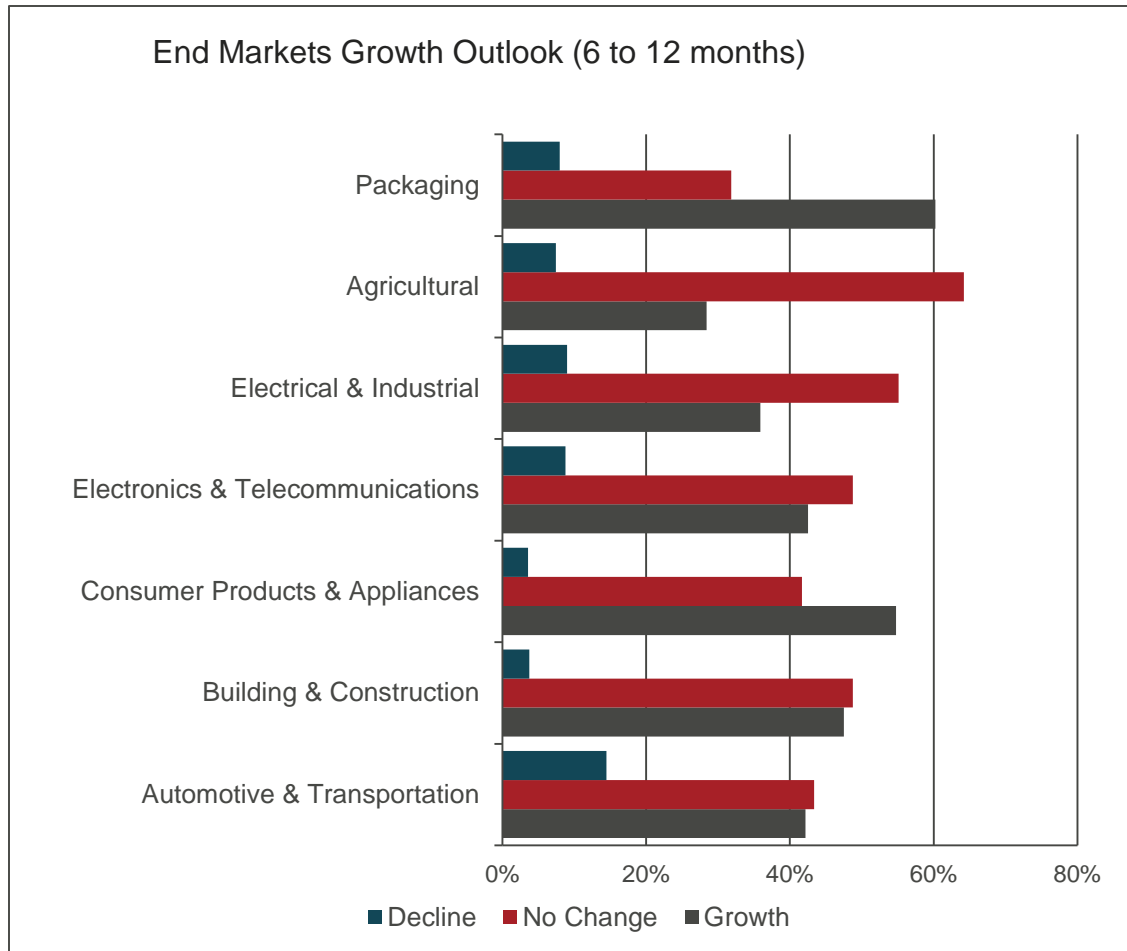
Plastics  
molds  
\$6.3 B

Plastics  
products  
\$193.5 B



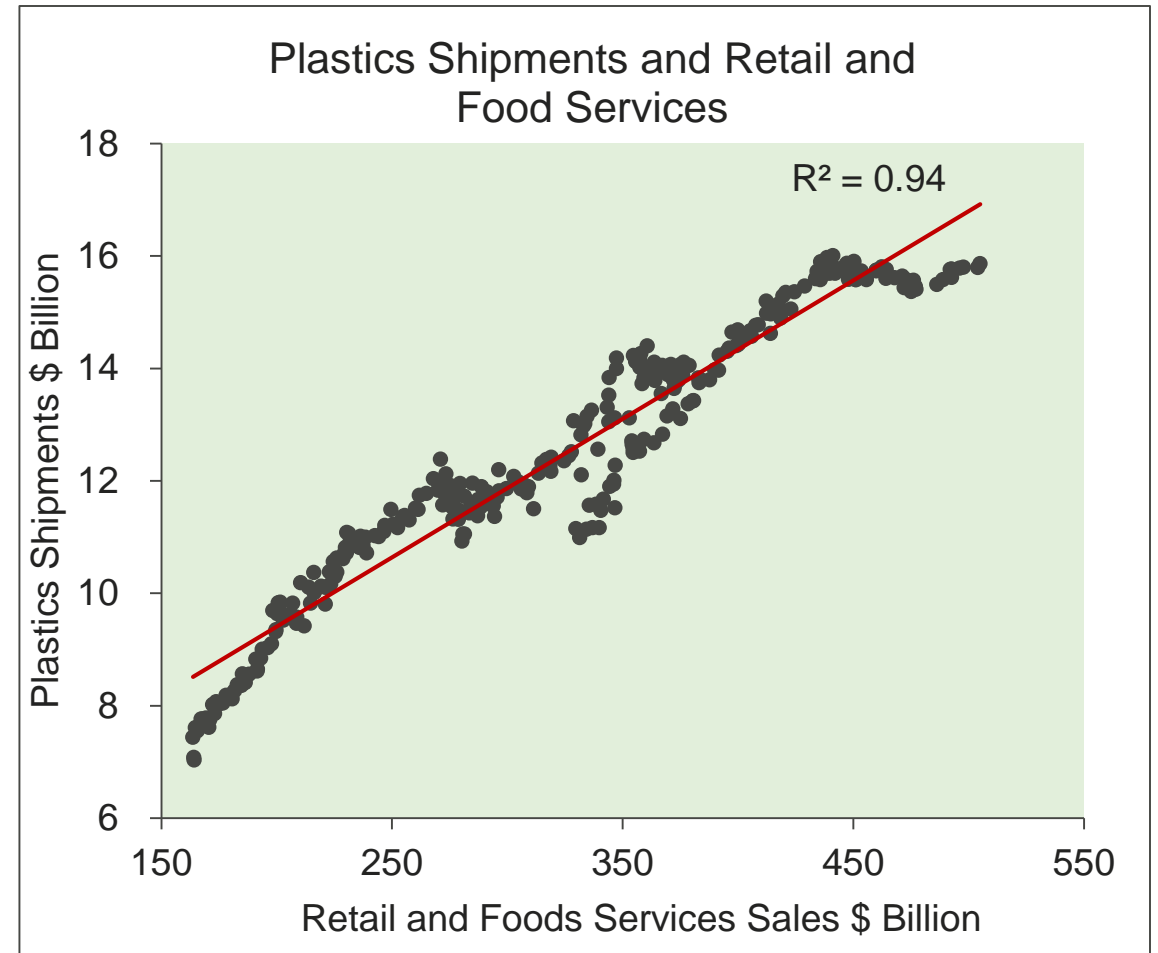
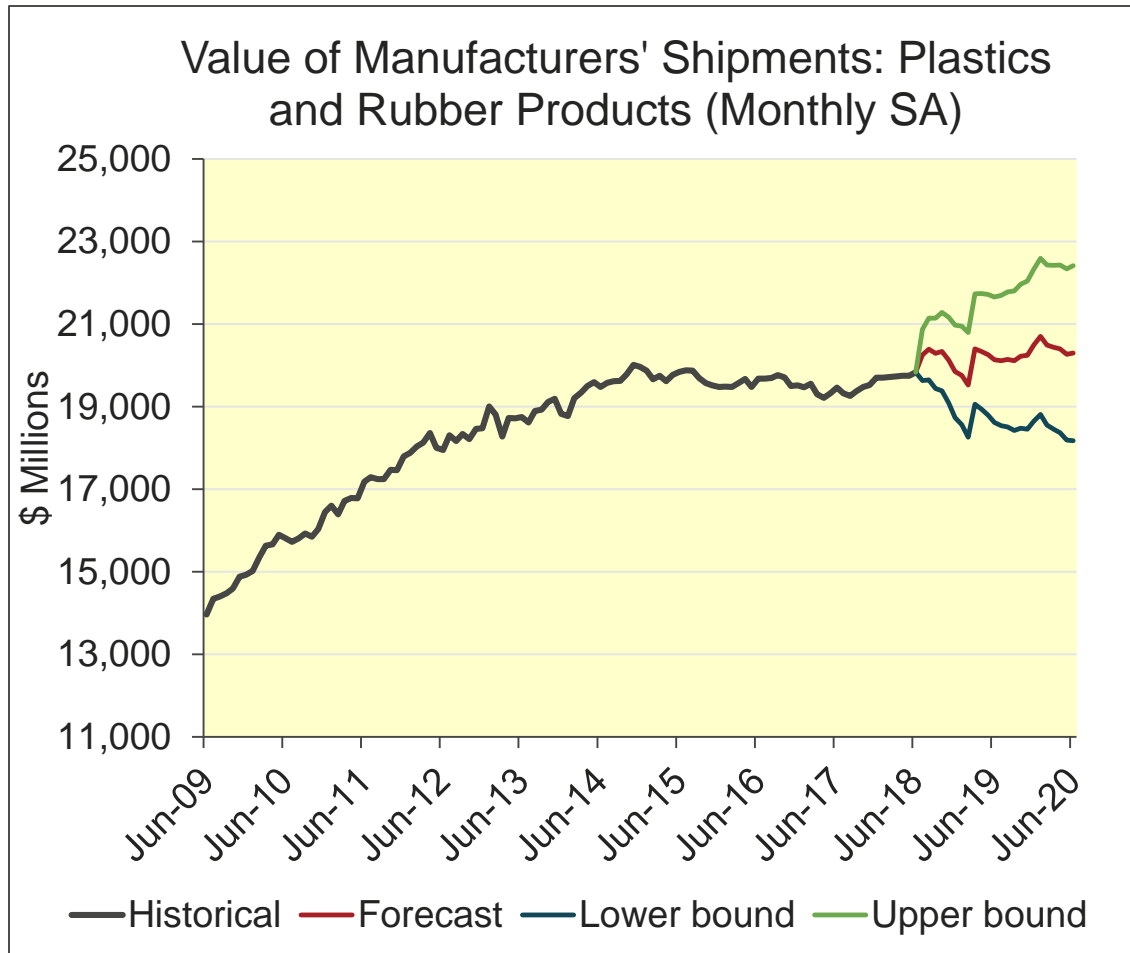


# End Markets and Trade Outlook



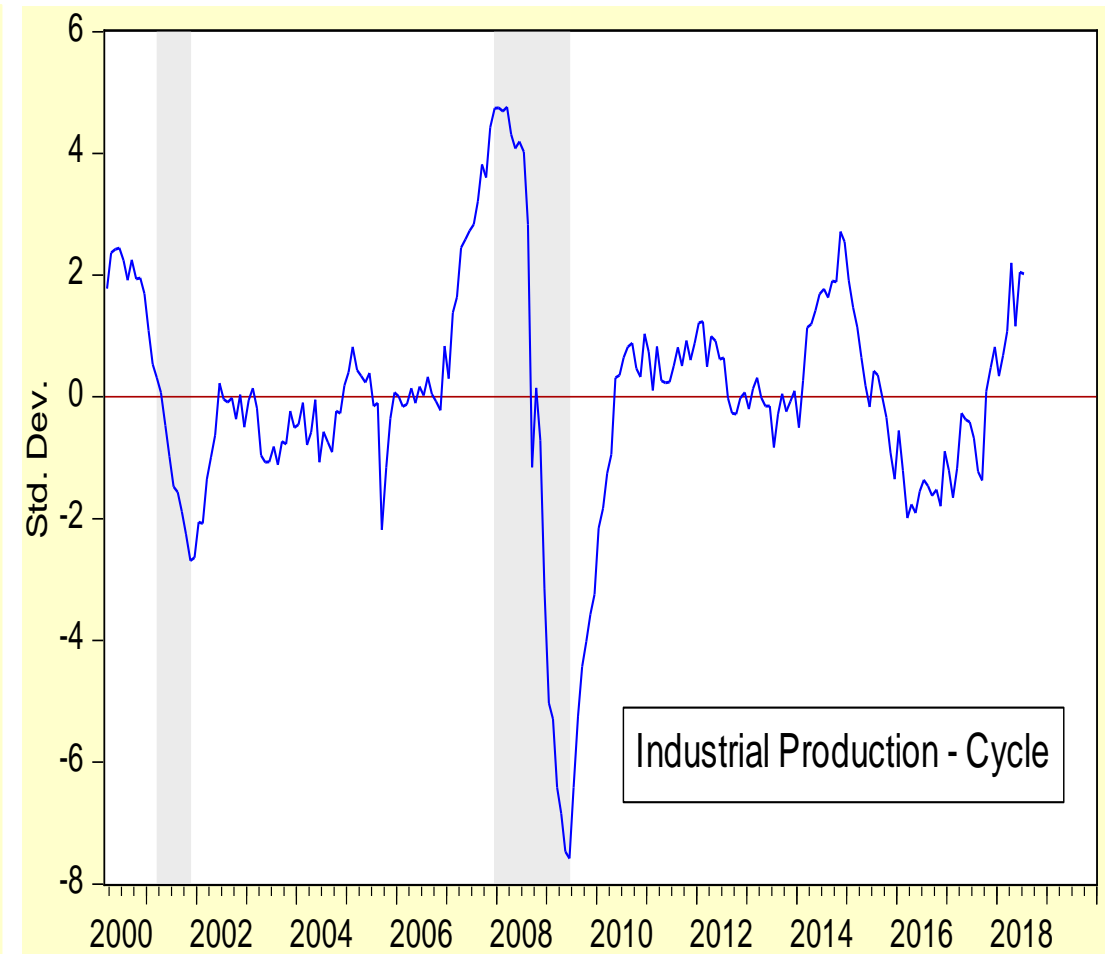
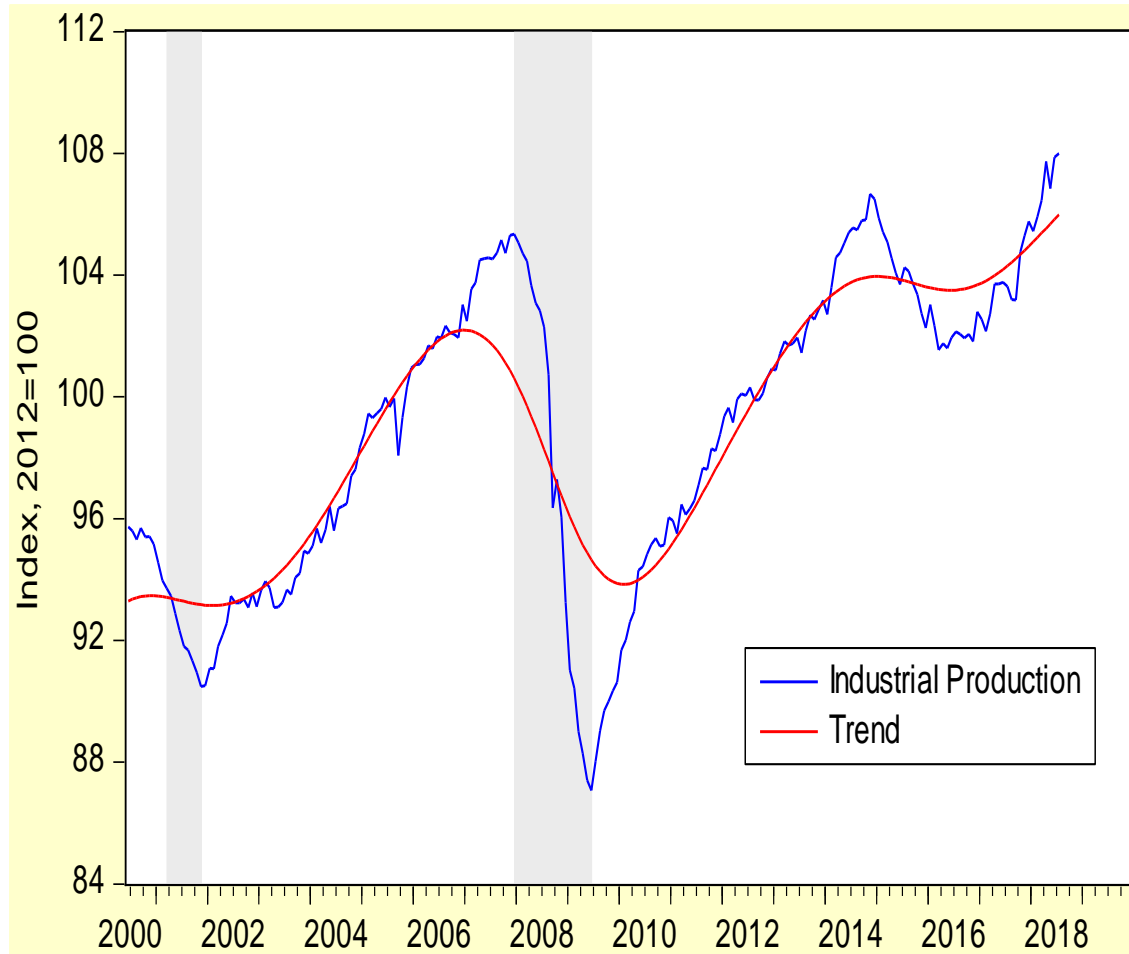


# Plastics Shipments and Retail Sales





# Industrial Production Index

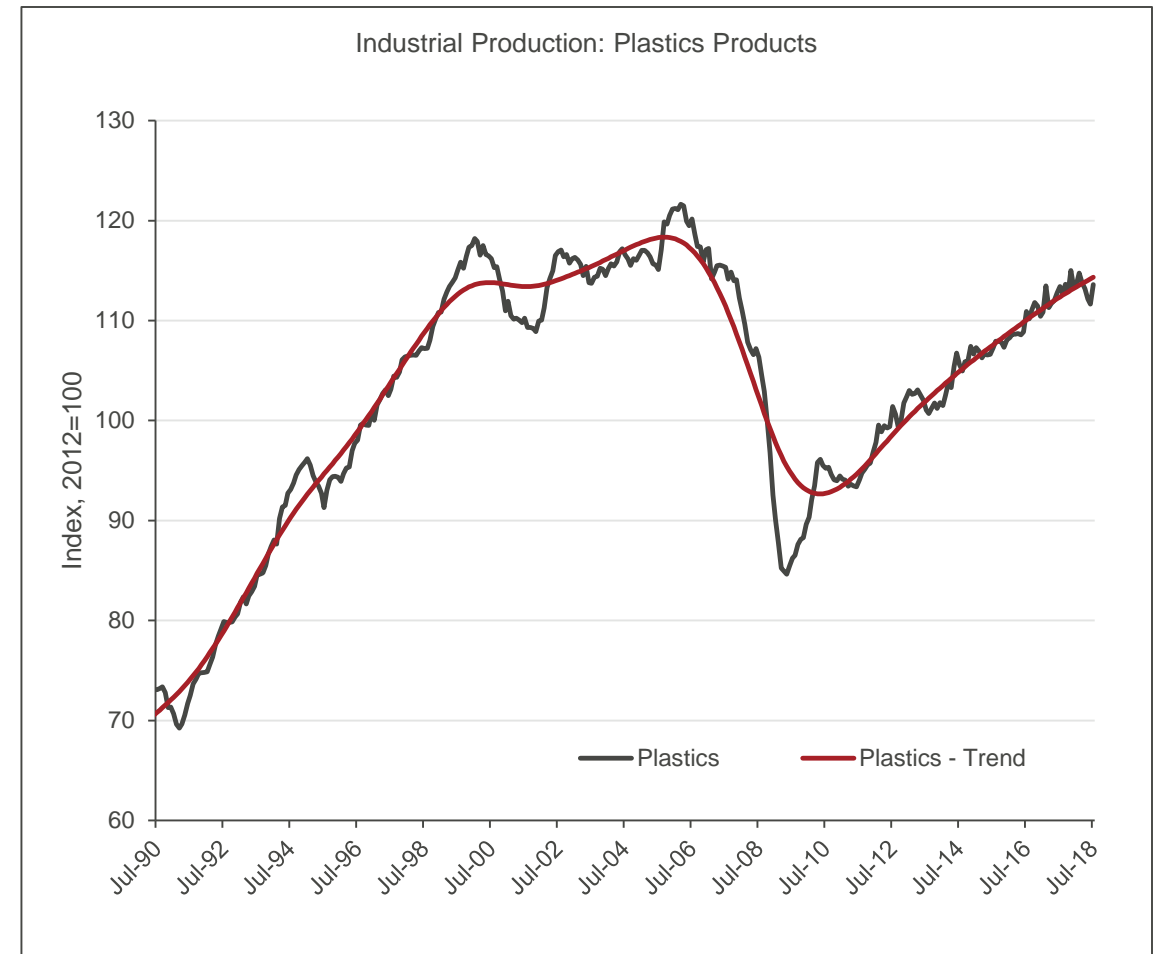
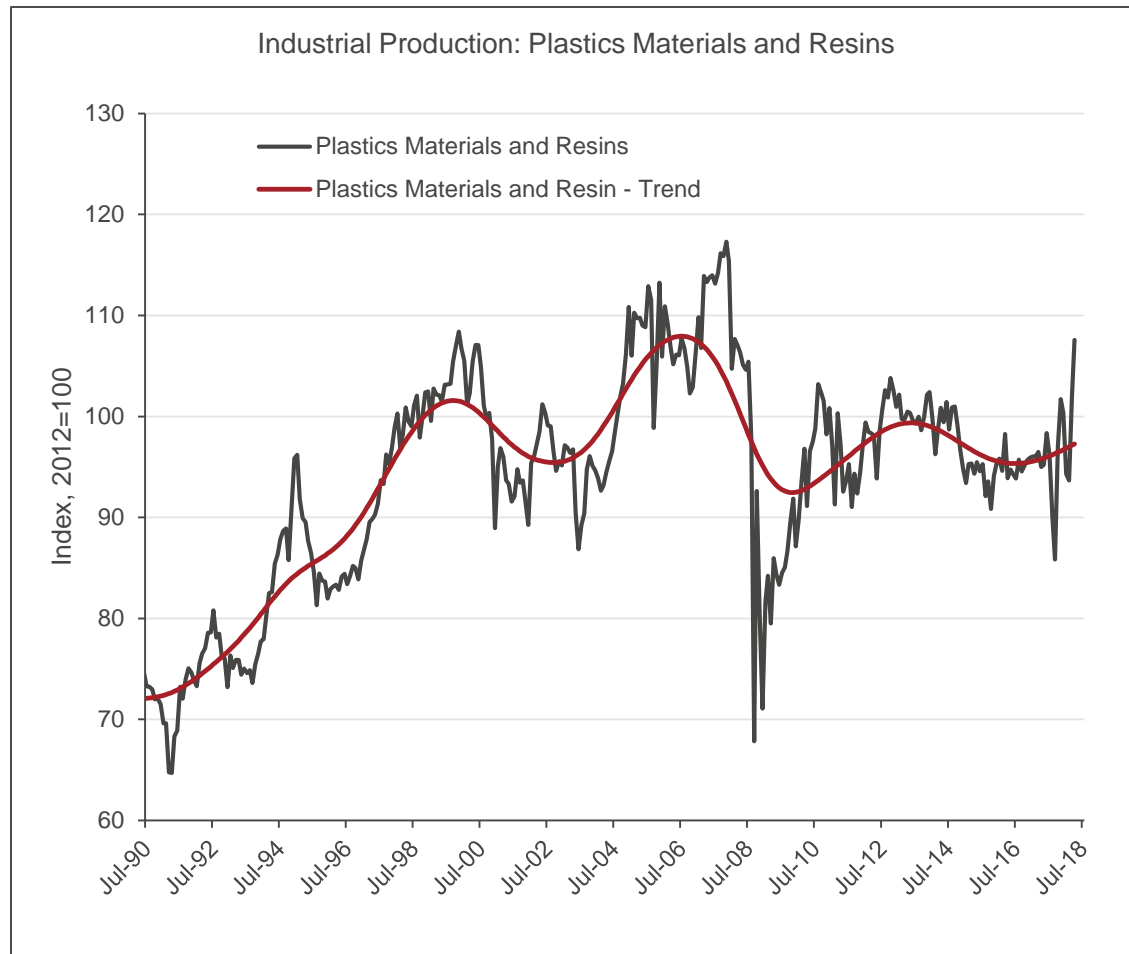


Source: PLASTICS analysis of data from the Board of Governors of the Federal Reserve System





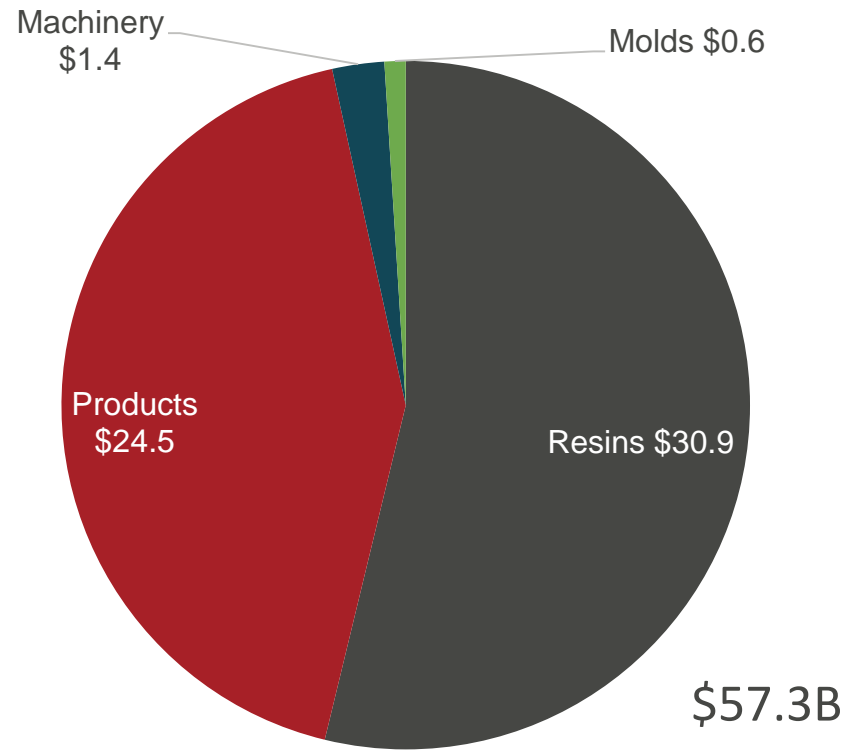
# Industrial Production Trends



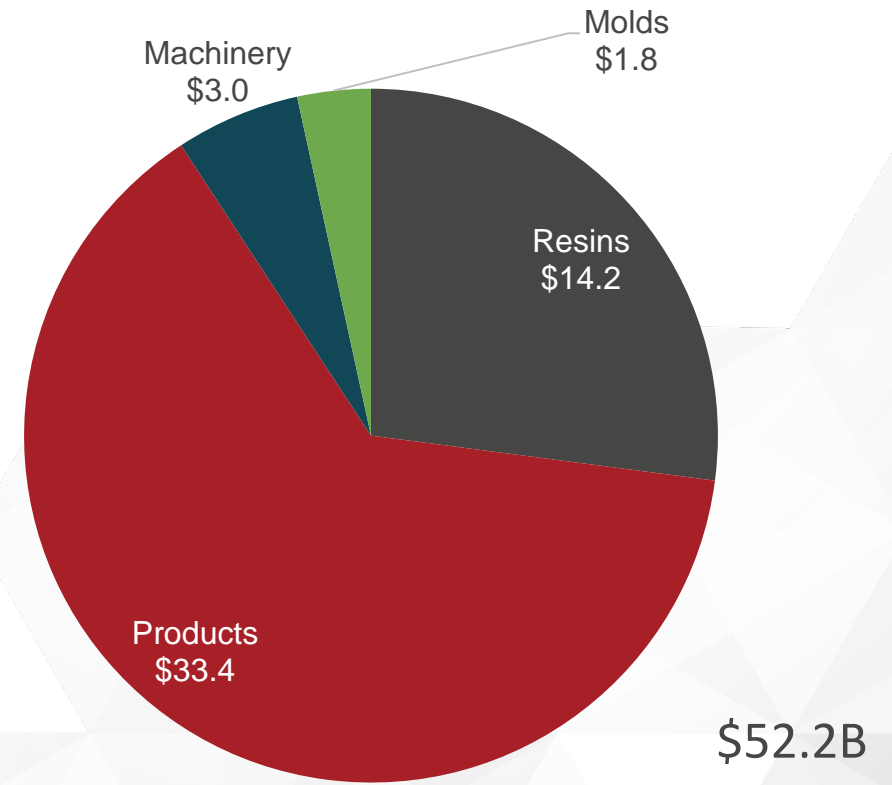
Source: PLASTICS analysis of data from the Board of Governors of the Federal Reserve System

# Plastics Industry Global Trade

Exports – 2016 (\$ Billions)



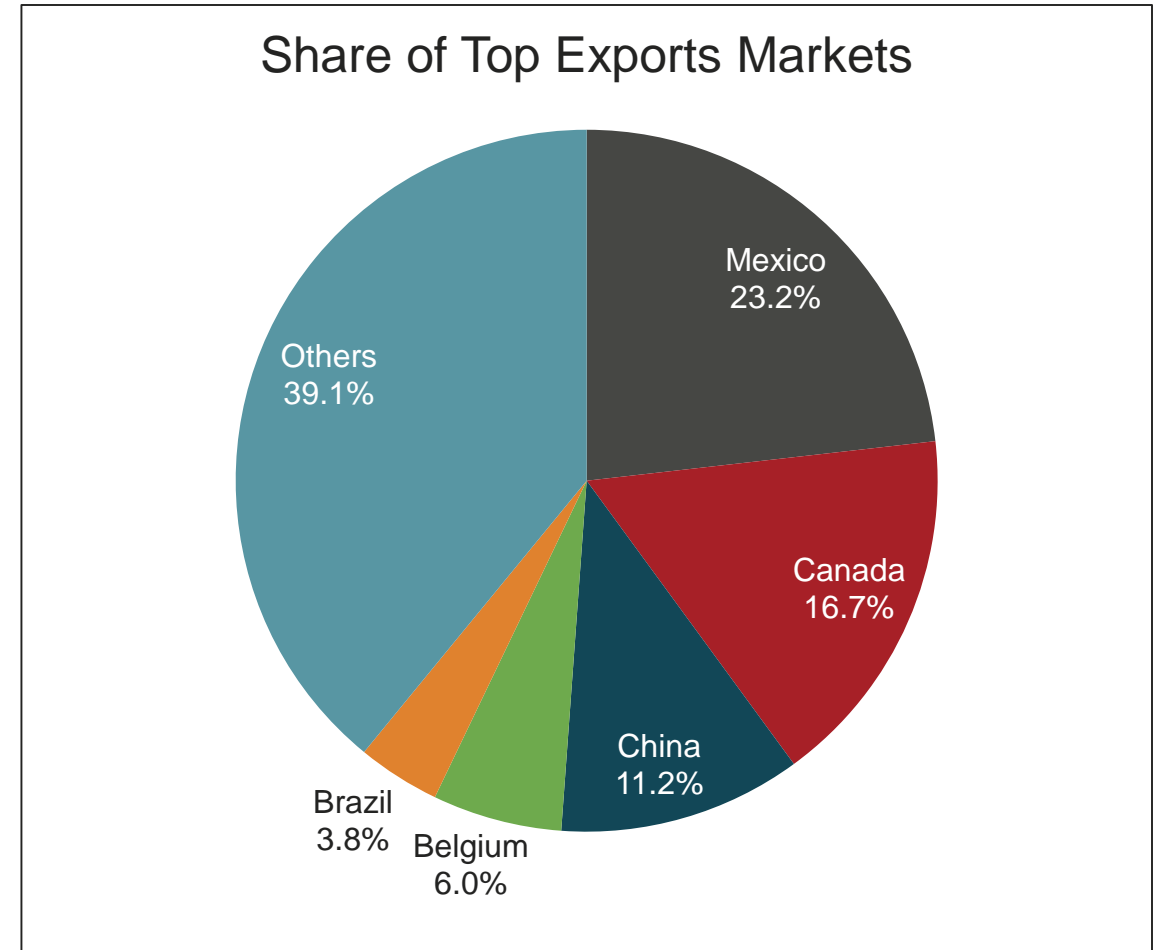
Imports – 2016 (\$ Billions)





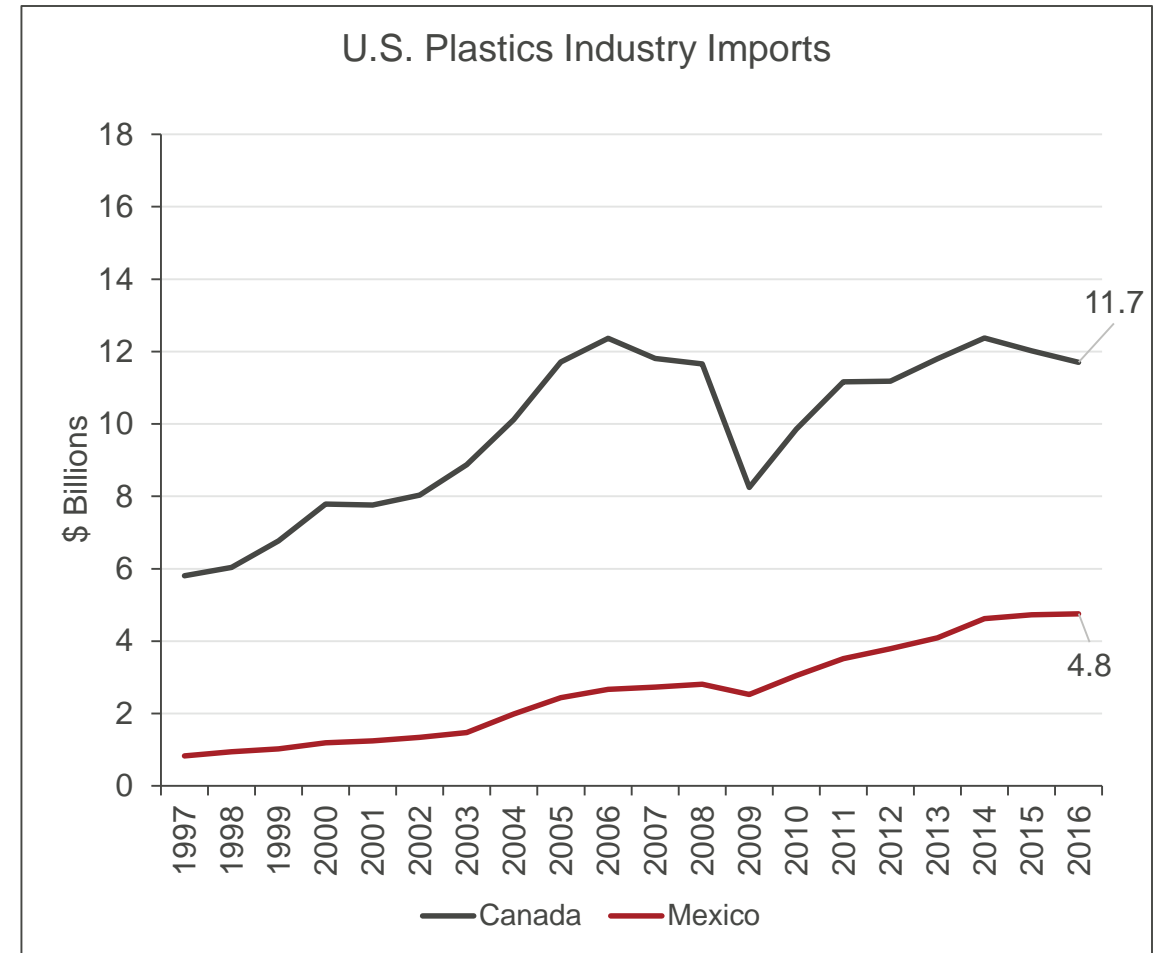
# U.S. Top Plastics Resin Export Markets

	2016 (\$ Billions)
Mexico	7.16
Canada	5.17
China	3.46
Belgium	1.84
Brazil	1.18
Others	12.05
Total	\$30.85

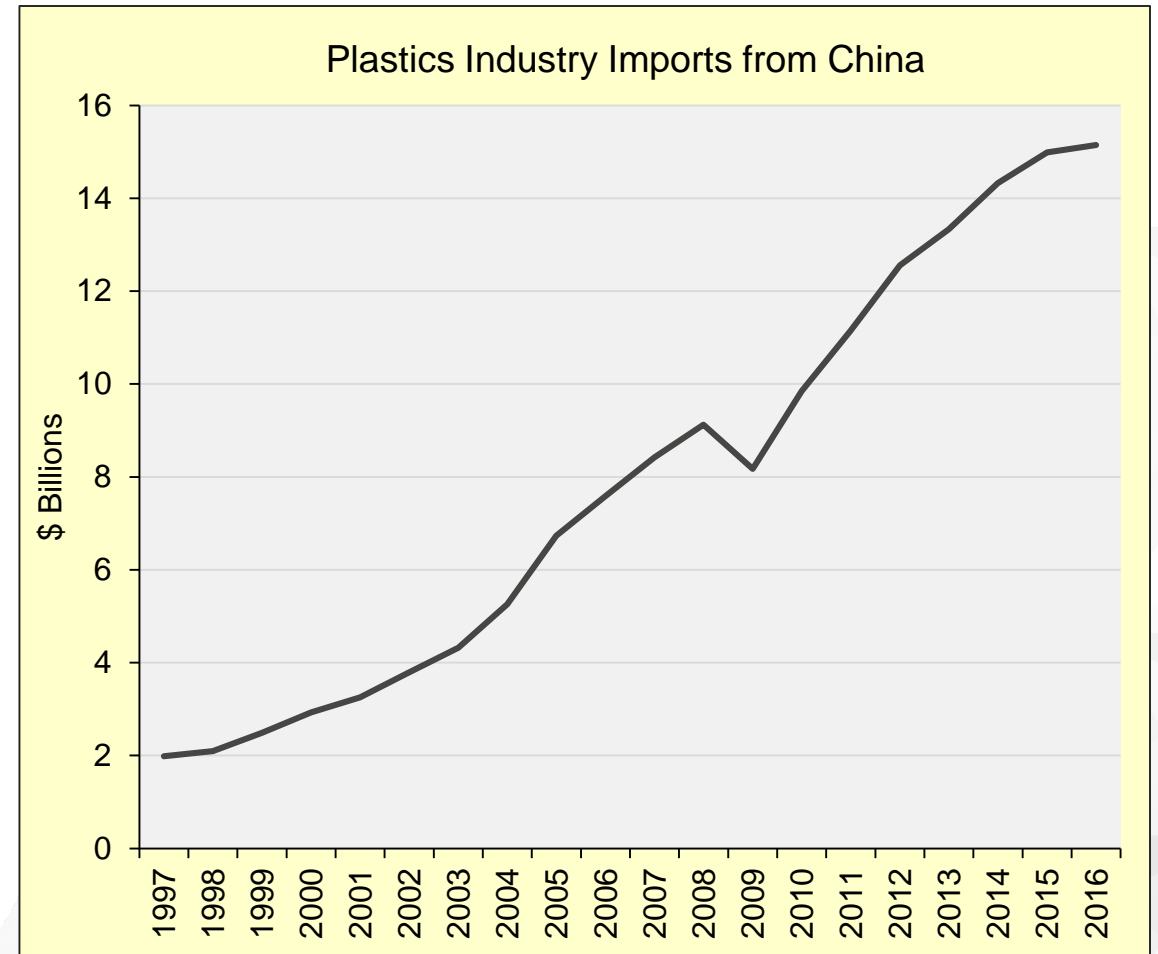
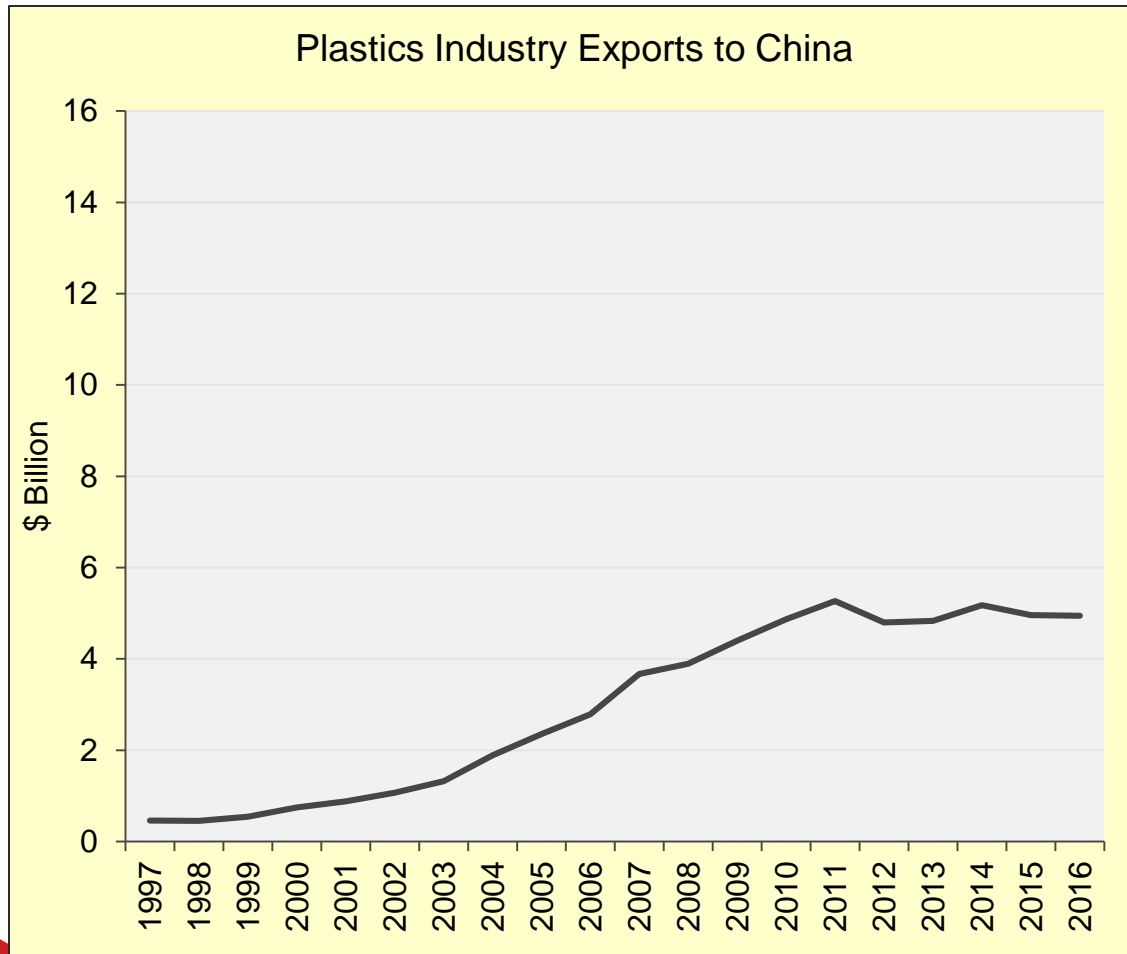




# NAFTA Plastics Trade



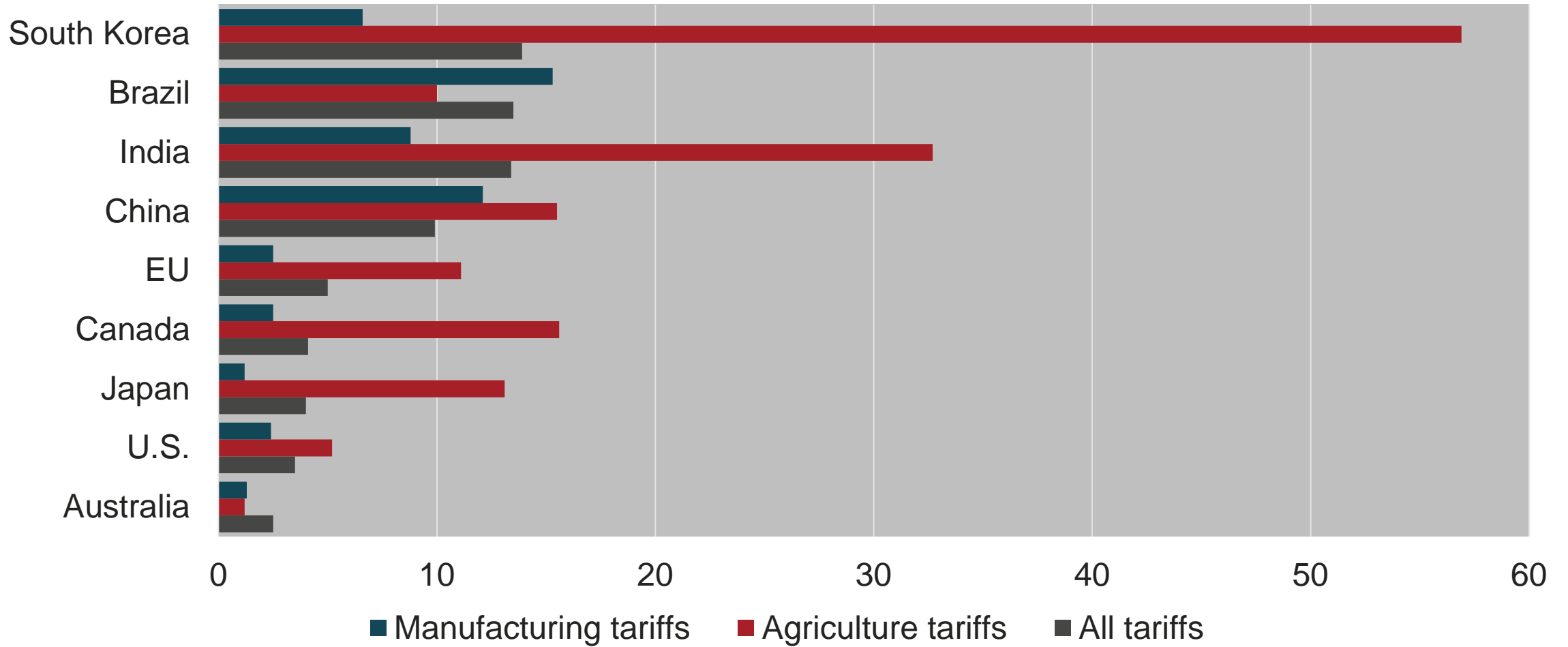
# U.S. – China Plastics Trade





# Tariffs

Applied Tariff Rates (%)



[Visit: ThisIsPlastics.com](https://www.thisisplastics.com)

[https://youtu.be/L6\\_Zxj1U-GA](https://youtu.be/L6_Zxj1U-GA)

---

