

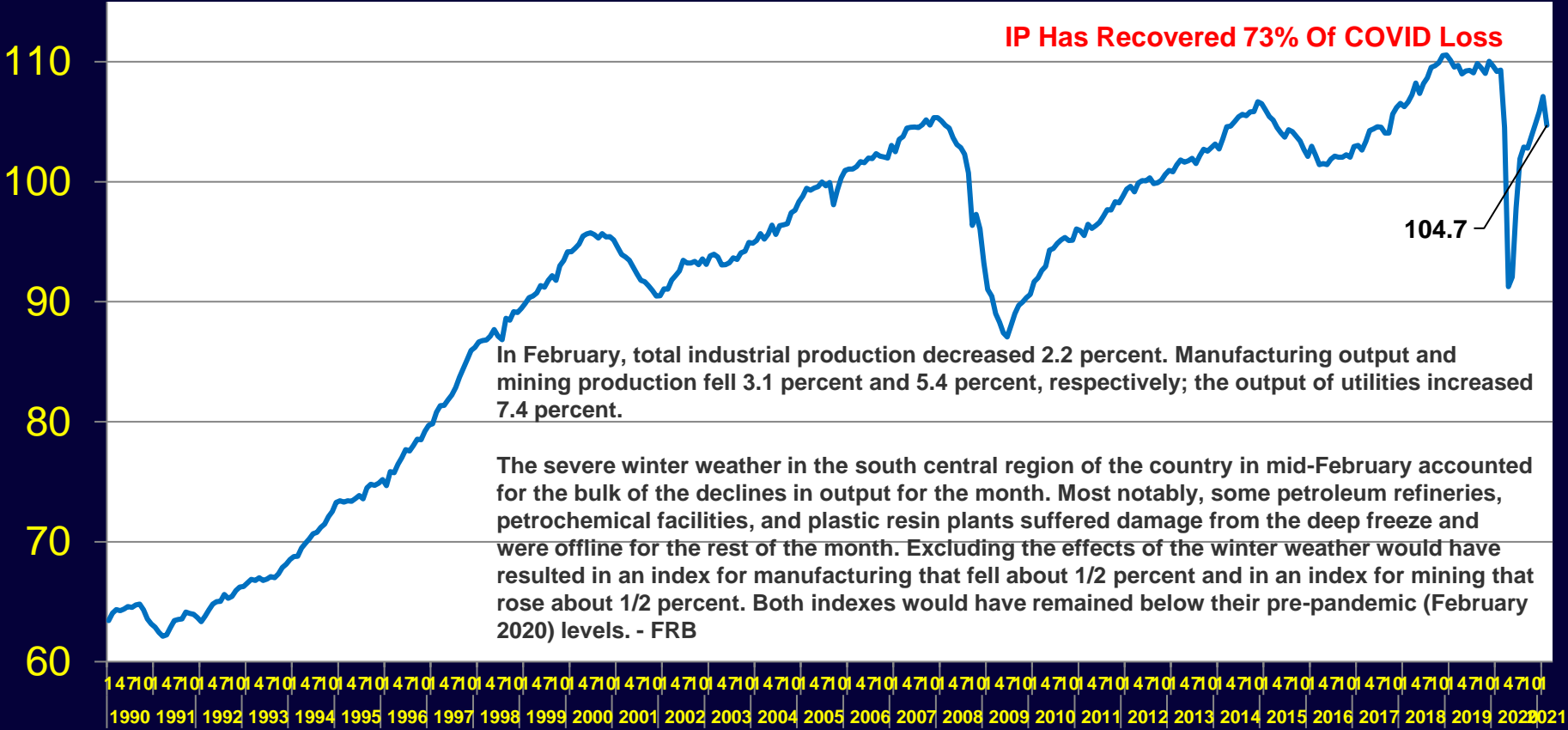
Market Comments

March 21, 2021

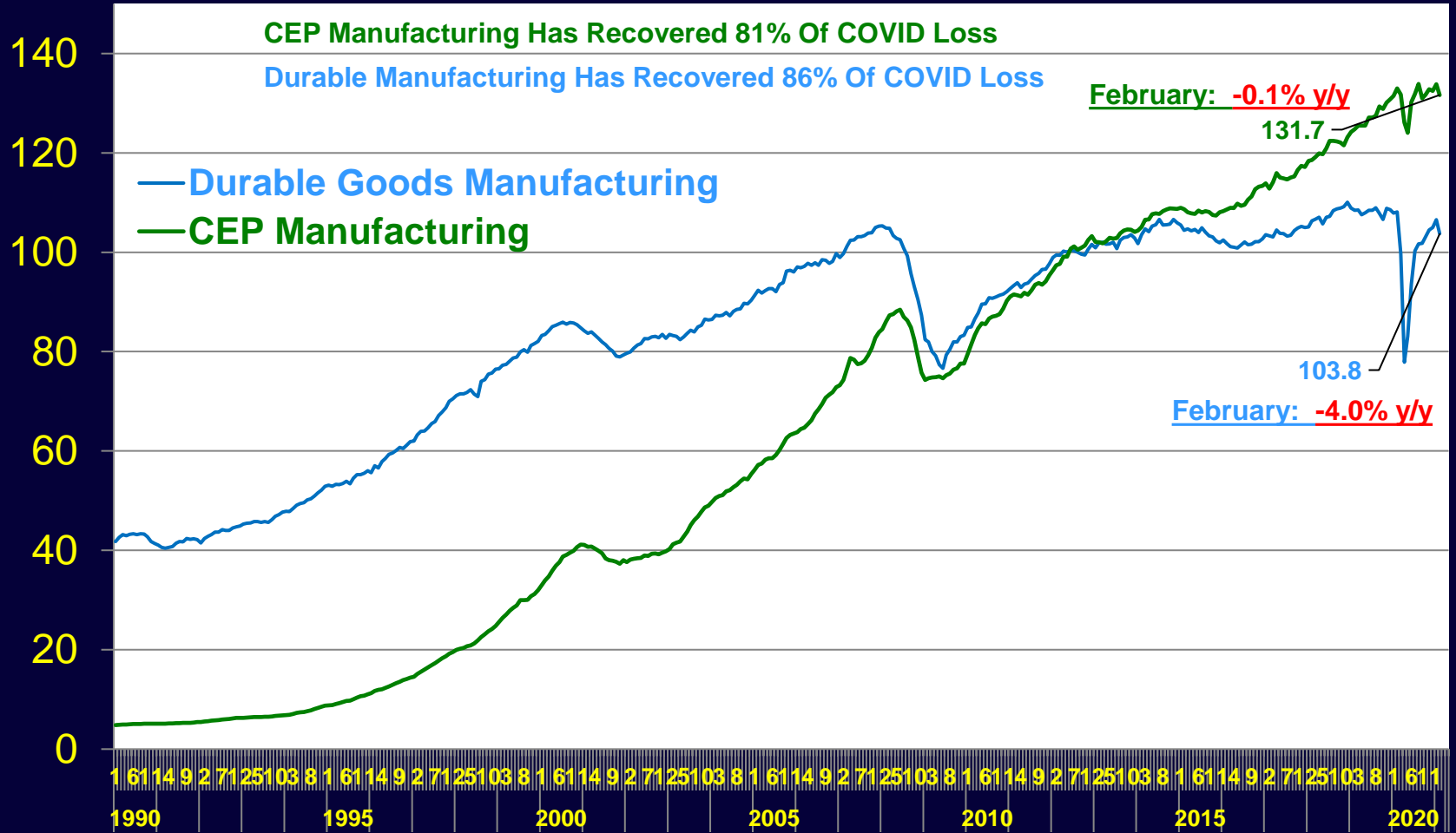
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U.S. Industrial Production

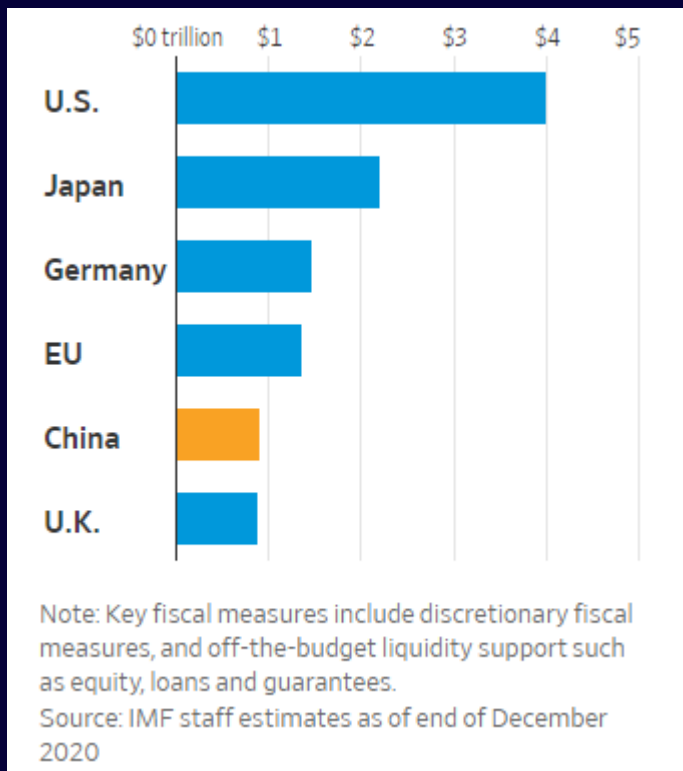
Index (2012=100)



U.S. IP – Durable Manufacturing & Computer & Electronics Product (CEP) Manufacturing Index (2012 = 100)

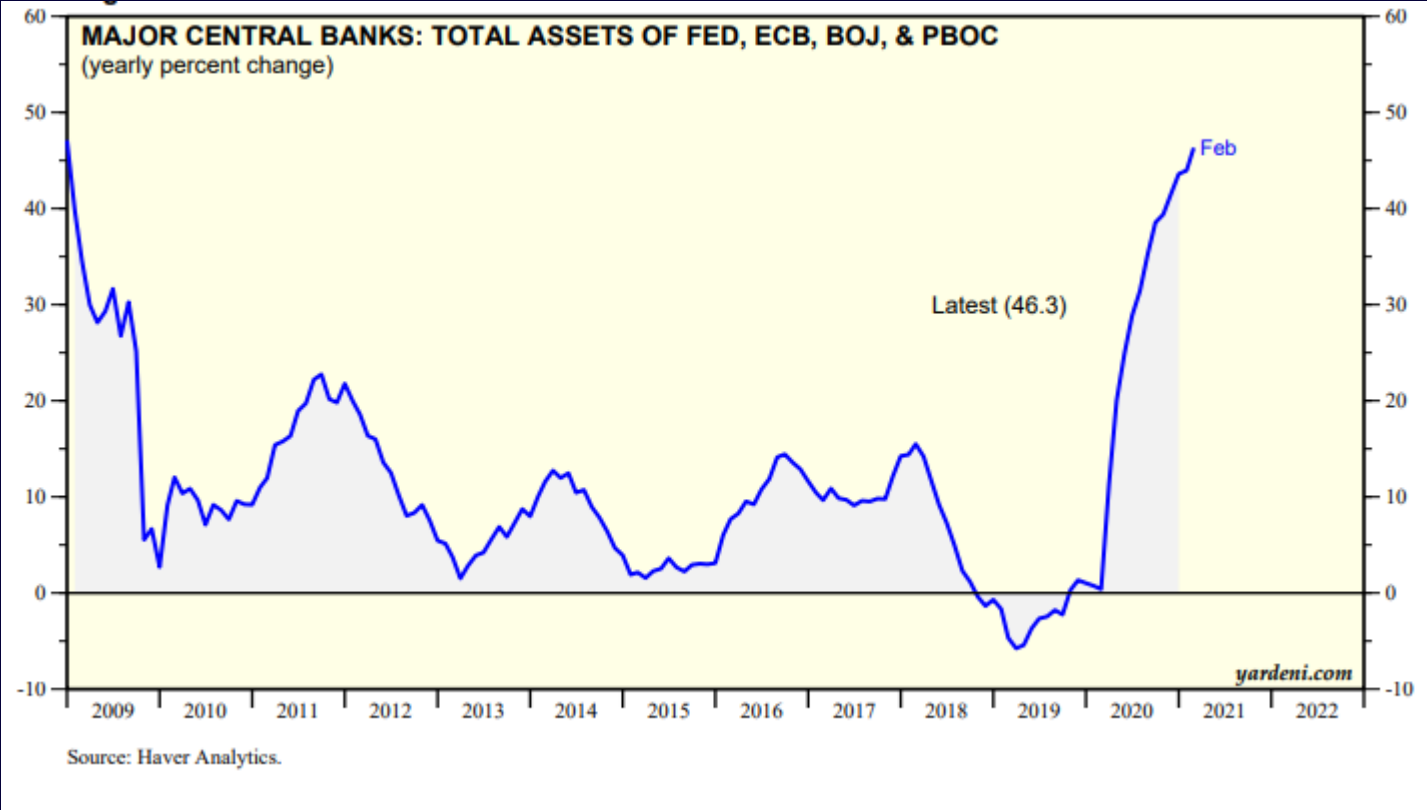


Total Size Of COVID-19 Fiscal Measures (\$ trillions)

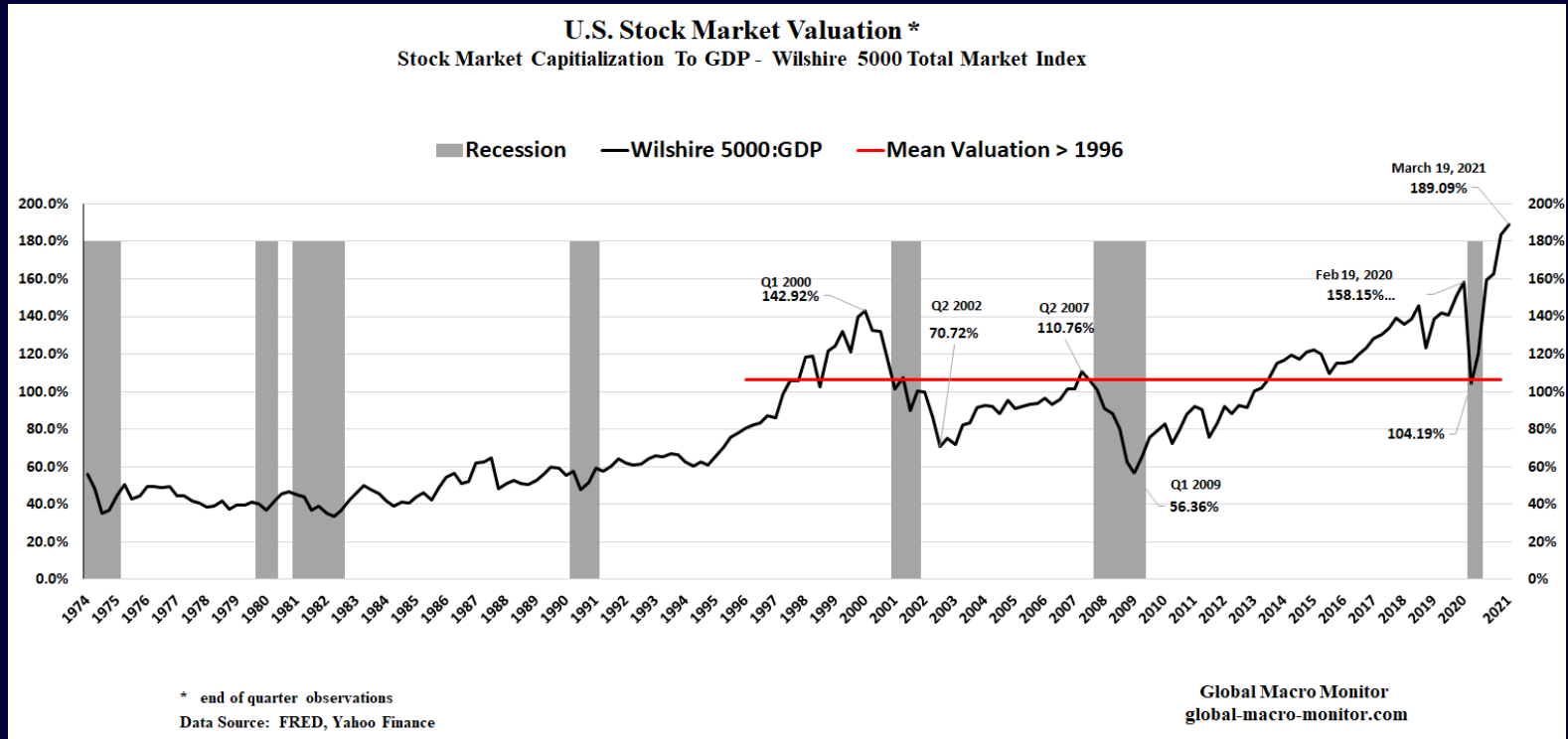


9.12% y/y

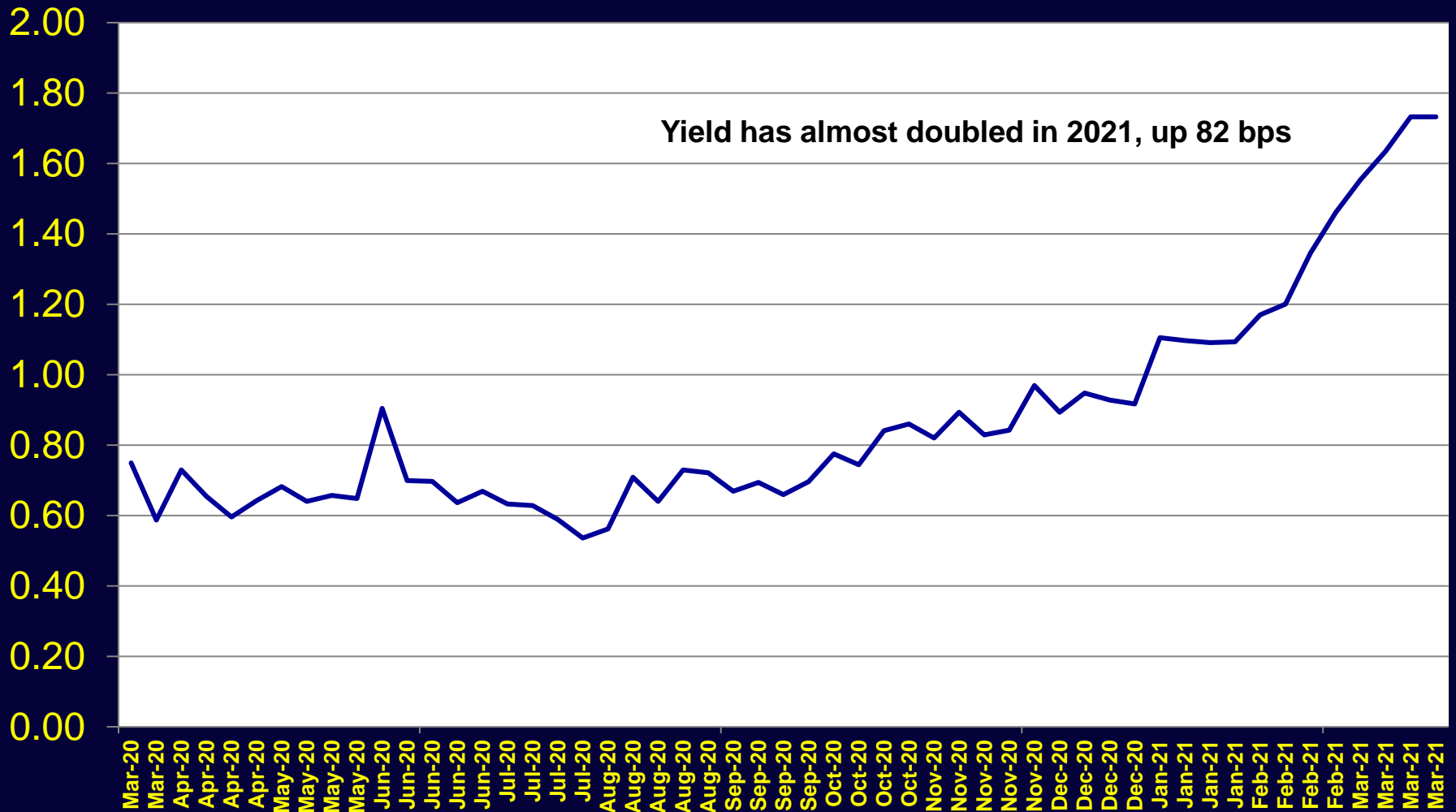
G-4 Central Bank Balance Sheet Expansion



U.S. Stock Market Capitalization-to-GDP Ratio (Wilshire 5000 Total Market Index)

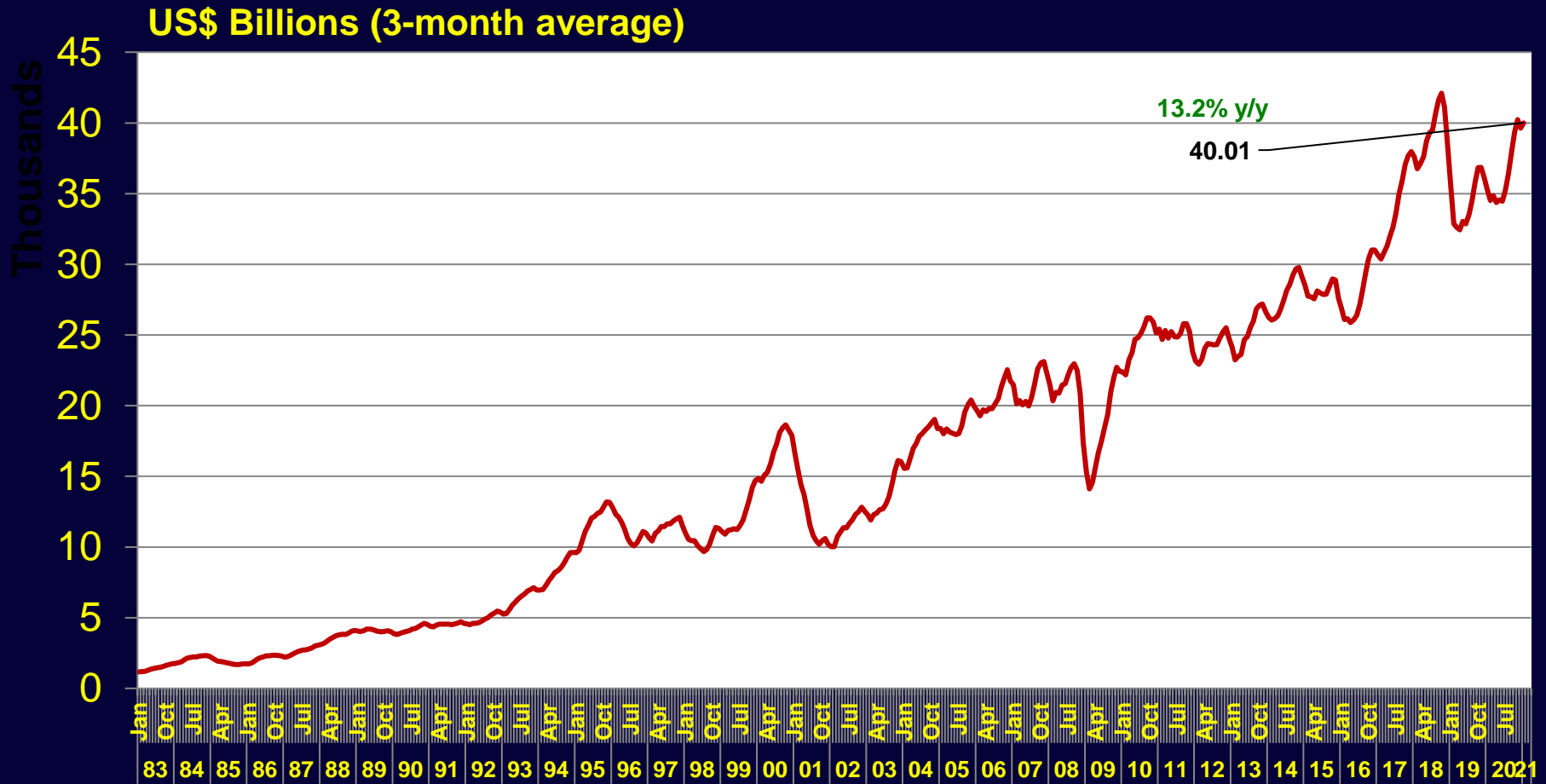


10-year Treasury Note Yield (Weekly)



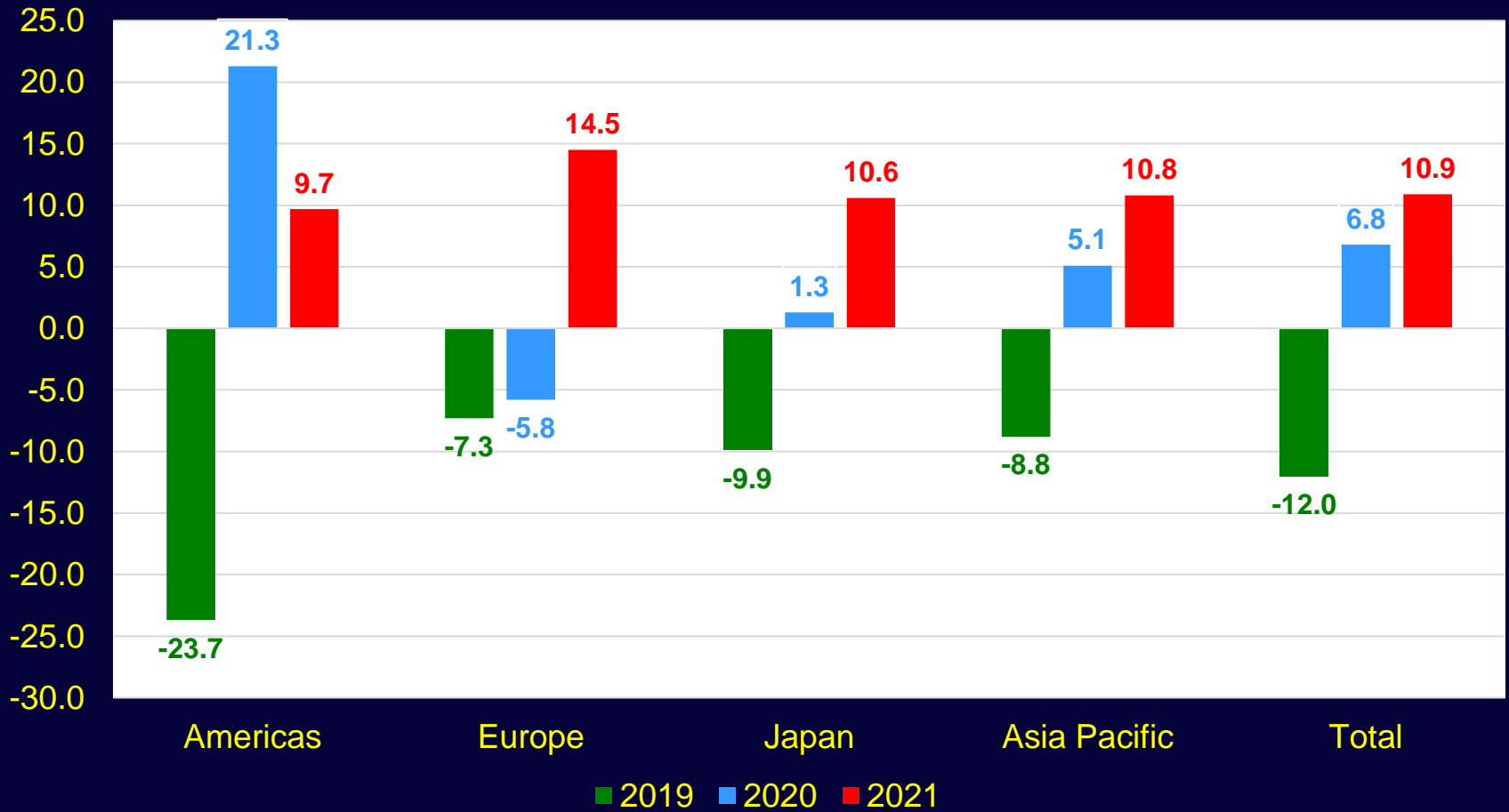
World Semiconductor Shipments

Monthly US\$



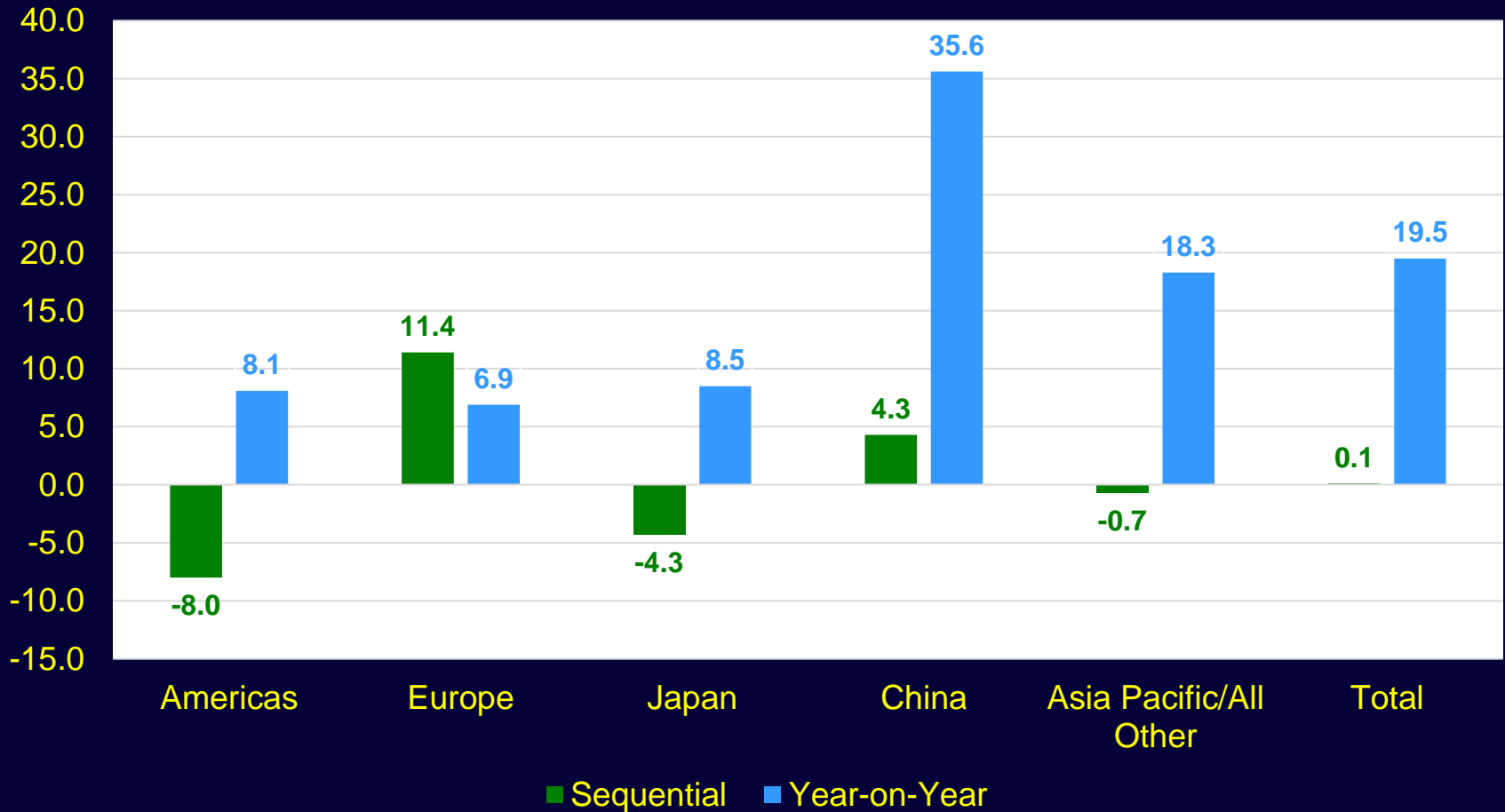
Global Semiconductor Sales By Region

Year-on-Year % Change



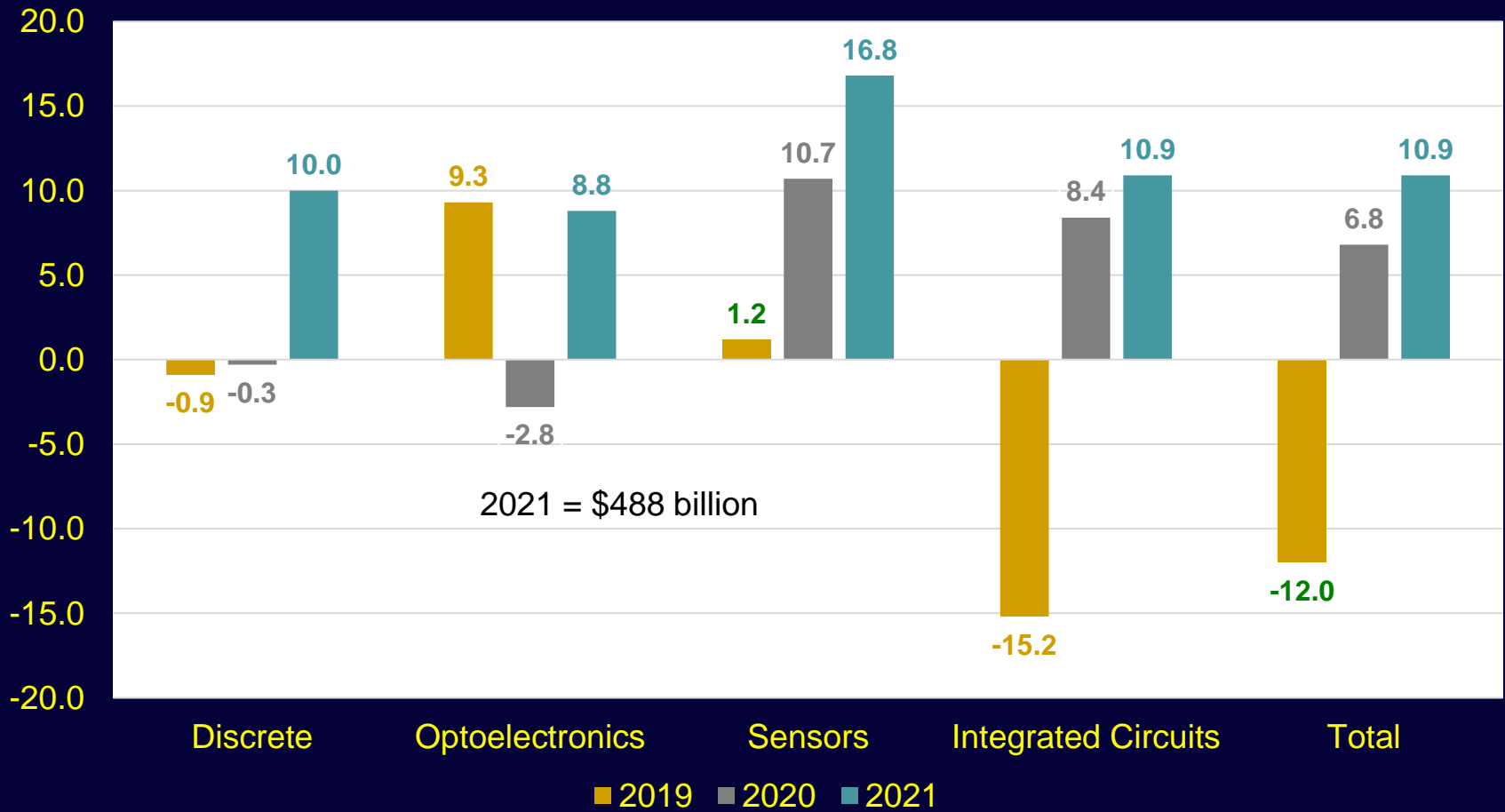
Global Semiconductor Sales By Region

Jan '21 monthly y/y % Change



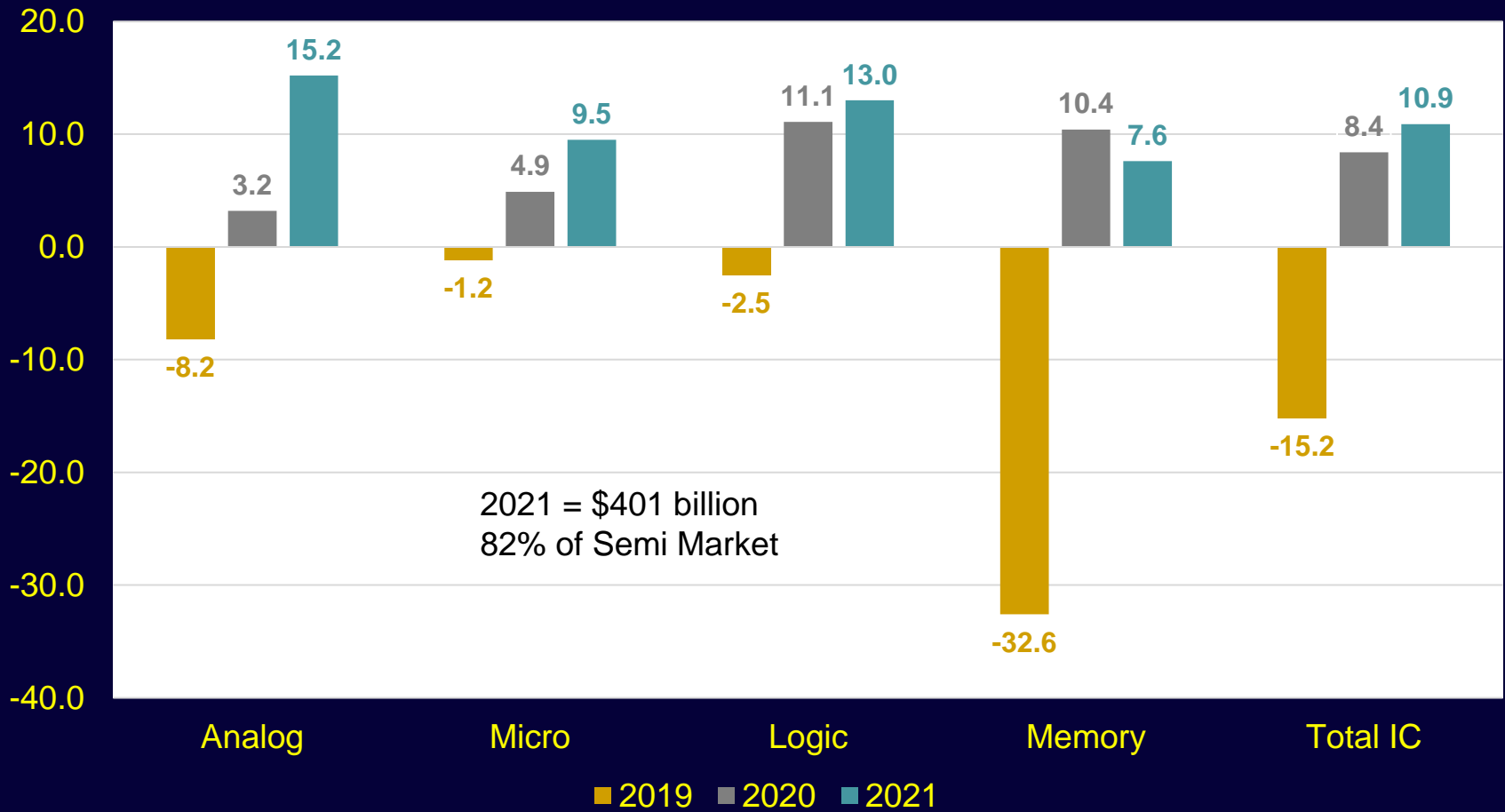
Global Semiconductor Sales By Category

Year-on-Year % Change



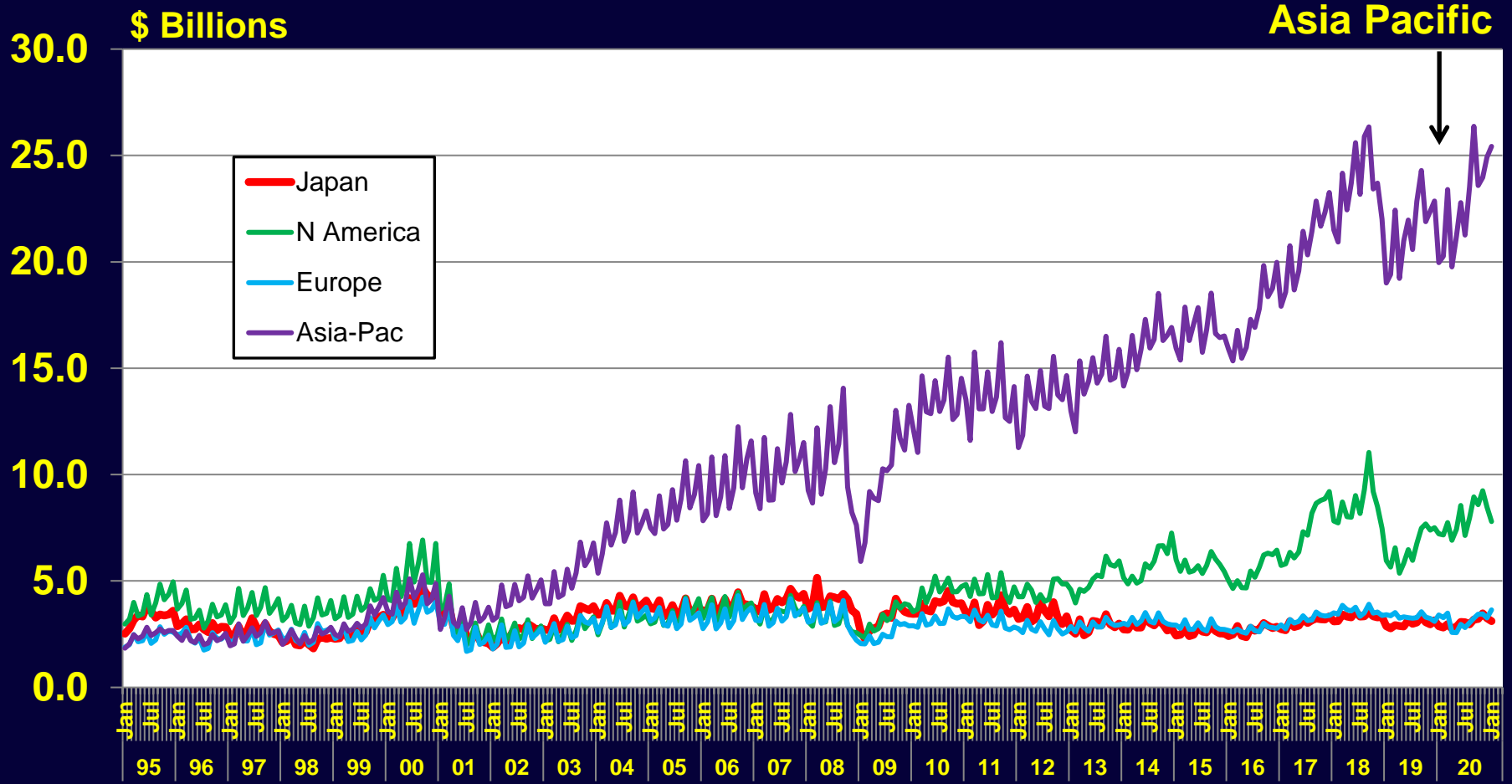
Global Integrated Circuit Sales By Type

Year-on-Year % Change



Total Semiconductor Shipments to an Area

Monthly Shipments - Reporting Firms

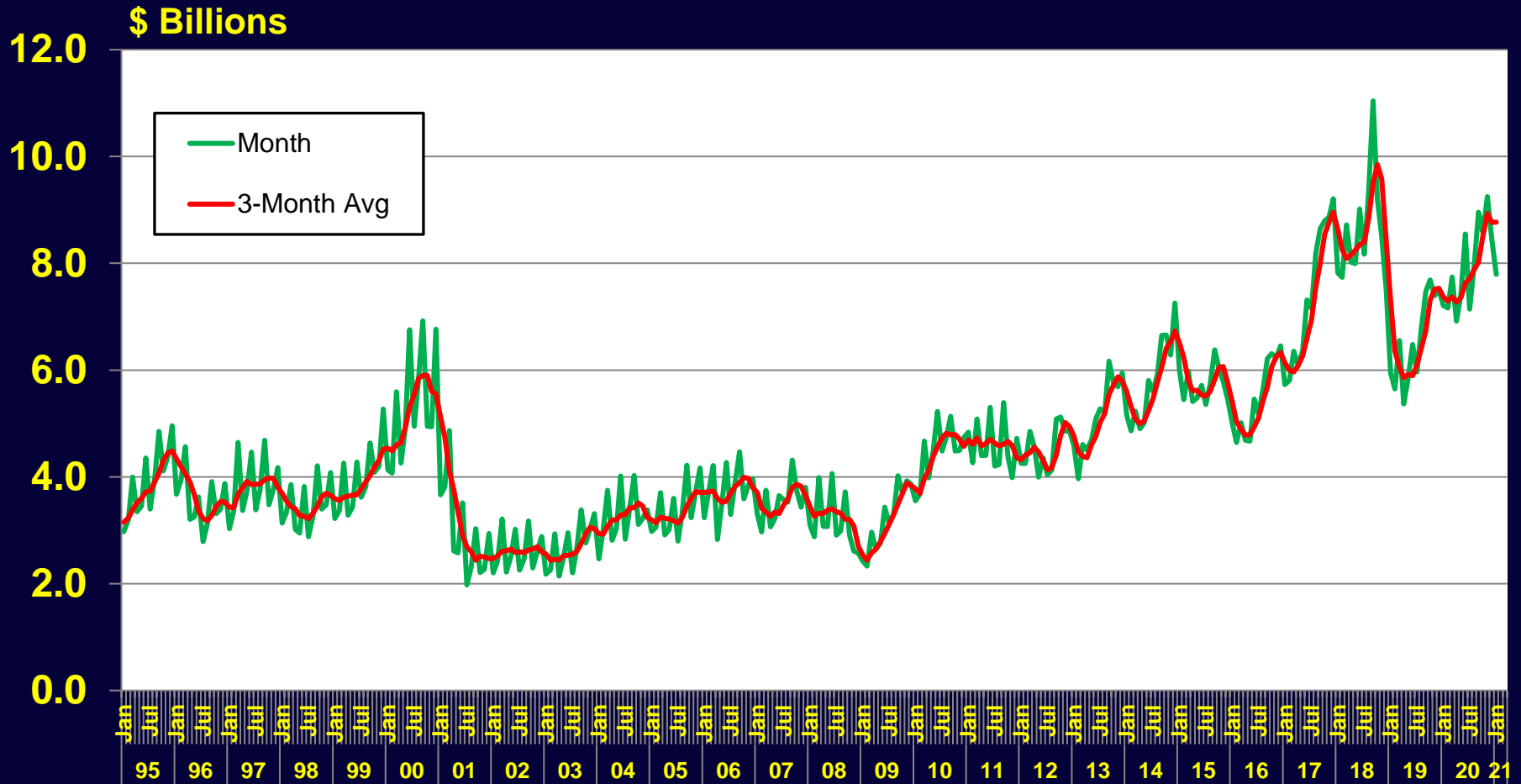


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N American Semiconductor Shipments

20210109

Monthly & 3-Month Average Shipments

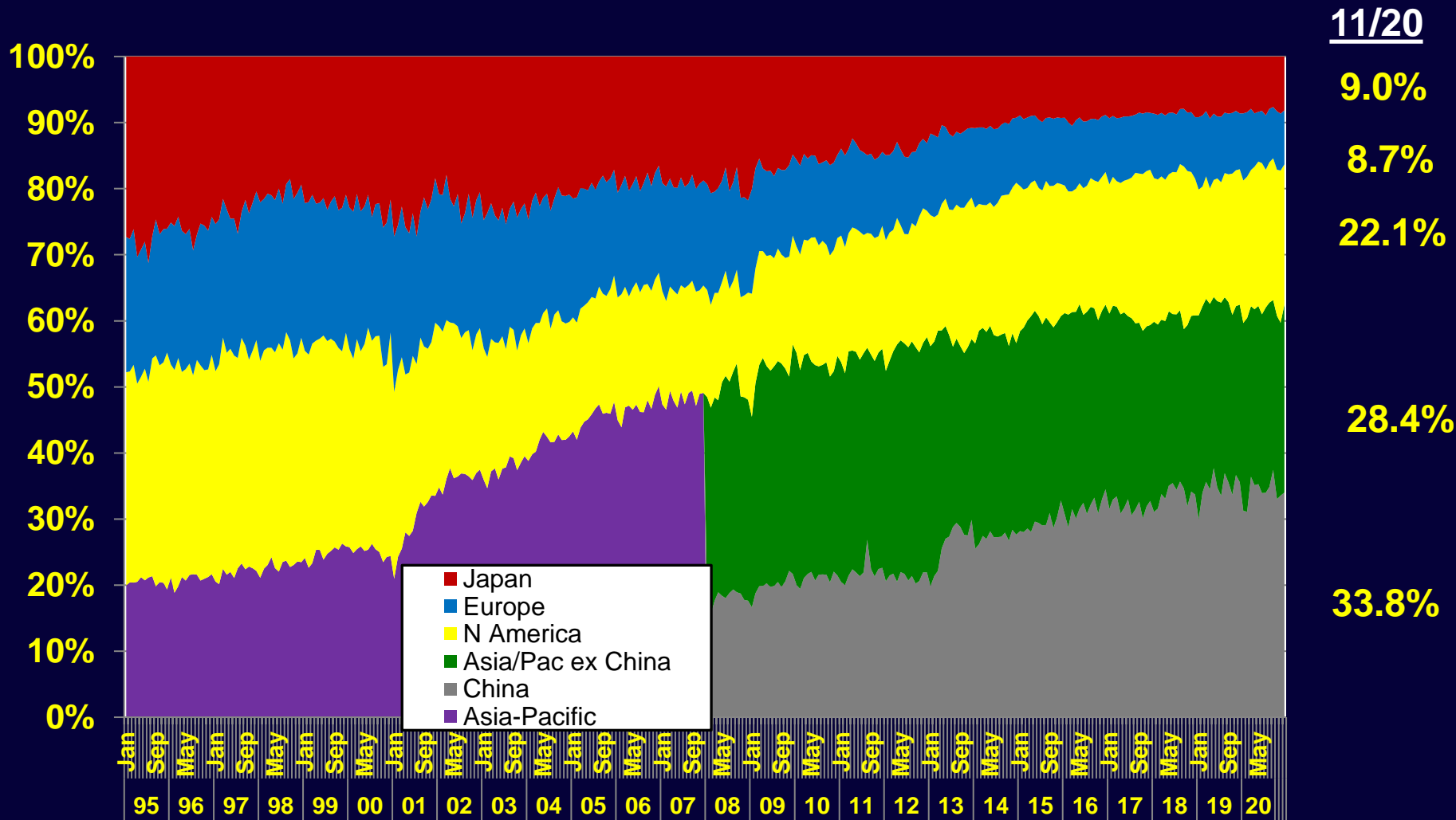


Source: WSTS, SIA

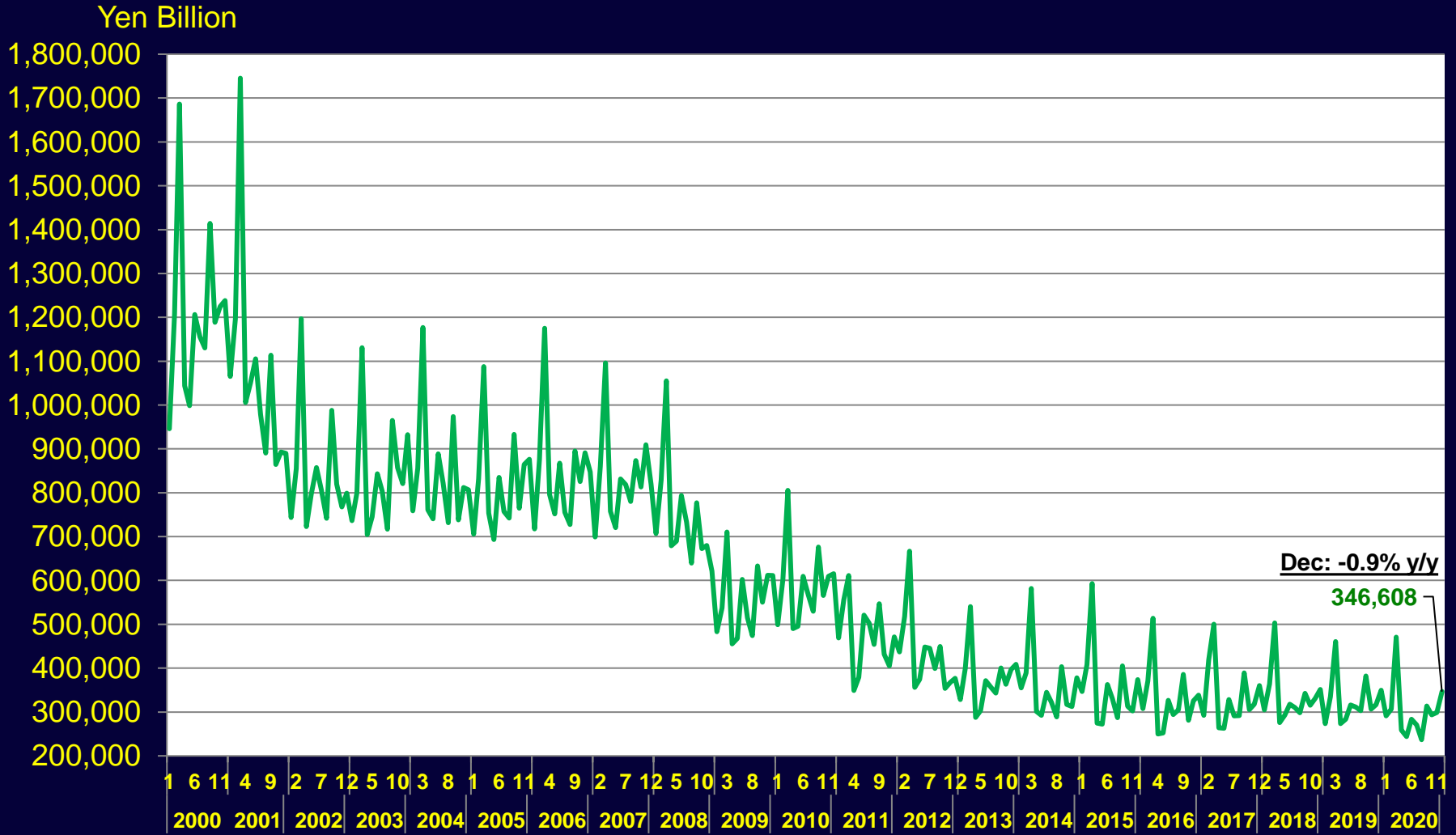
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Total Semiconductor Shipments to an Area

Monthly Shipments - Reporting Firms (showing China)



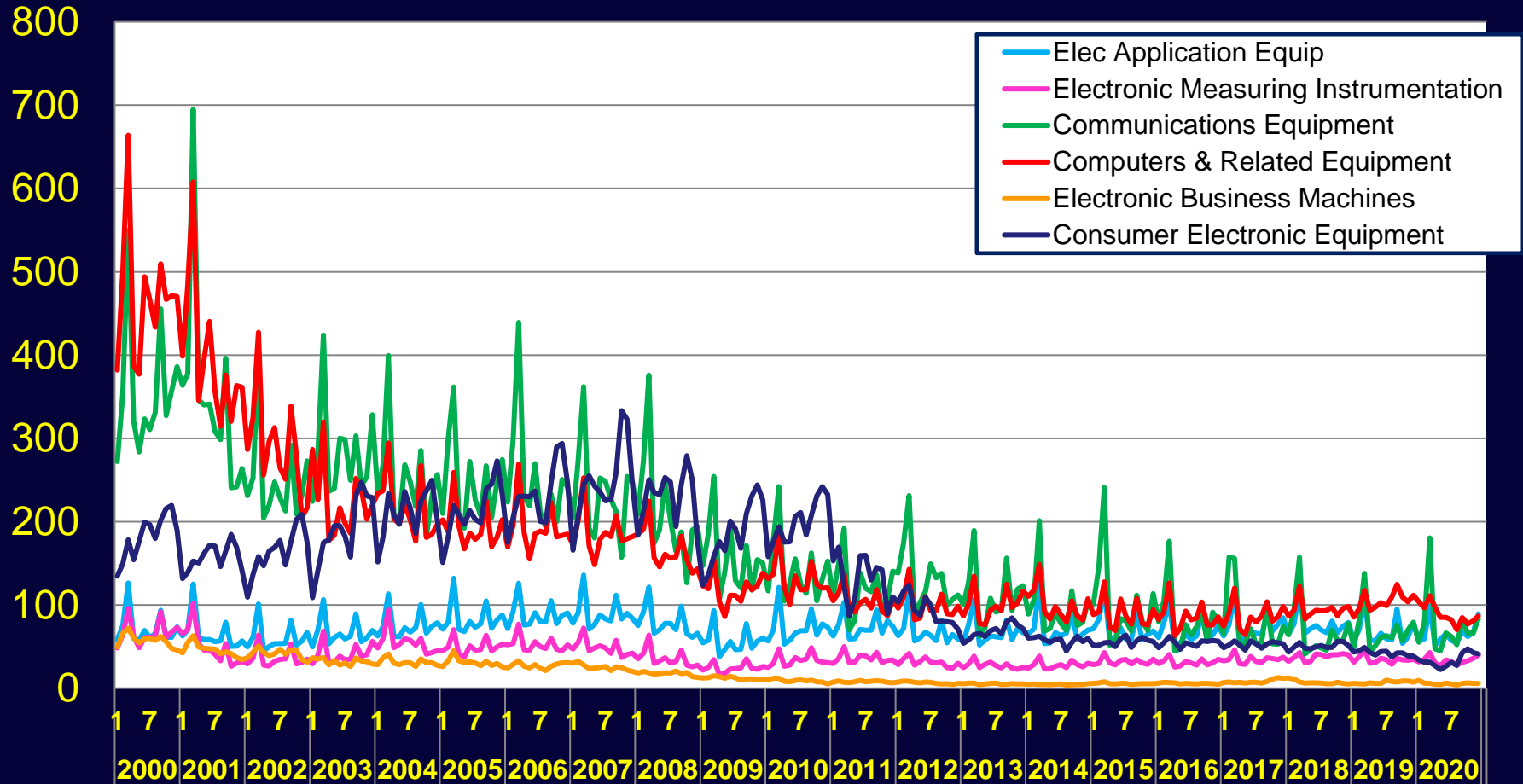
Japan Electronic Equipment Production



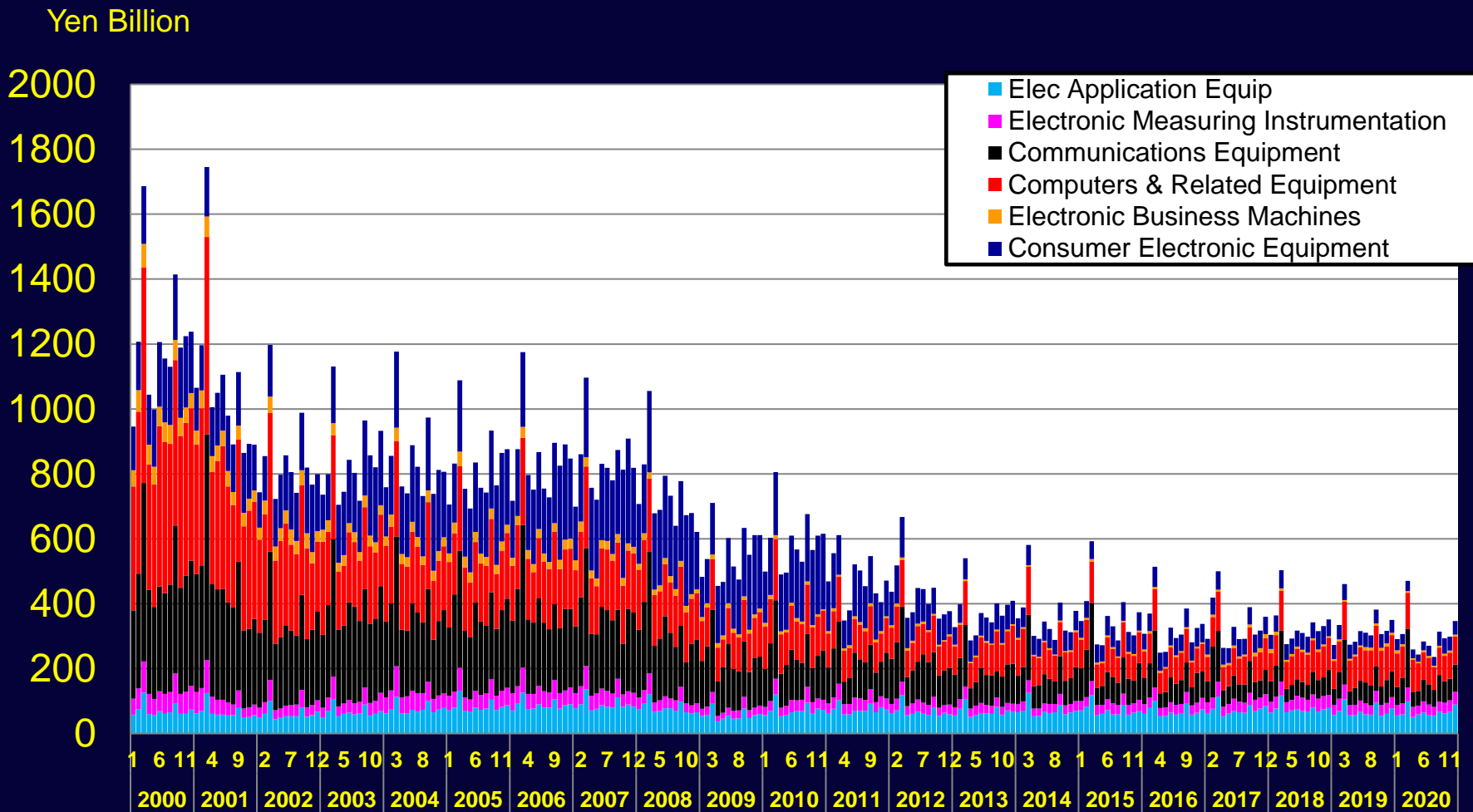
Dec: -0.9% y/y
346,608

Japan Electronic Equipment Production by Month 2000 to Present

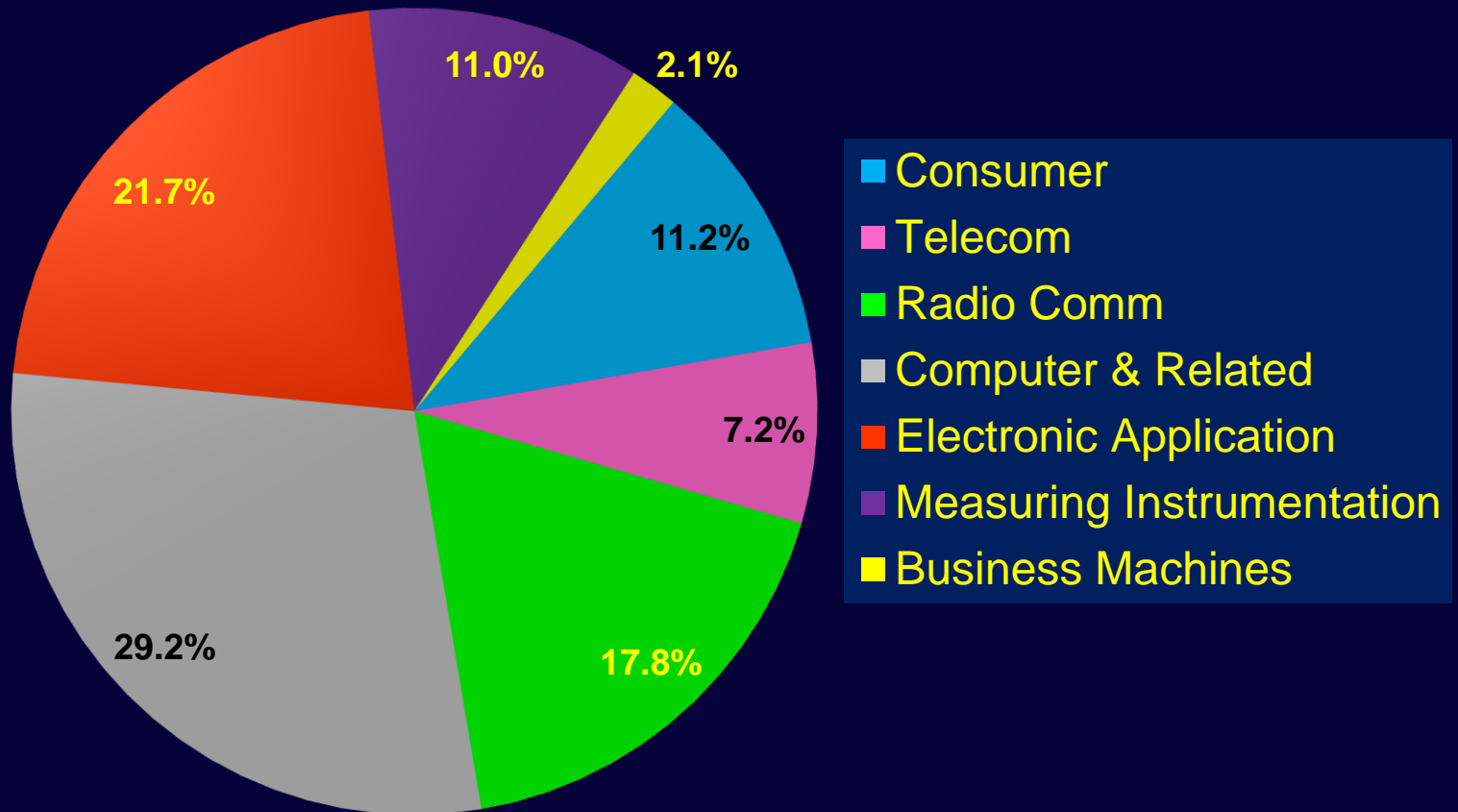
Yen Billion



Japan Electronic Equipment Production by Month 2000 to Present



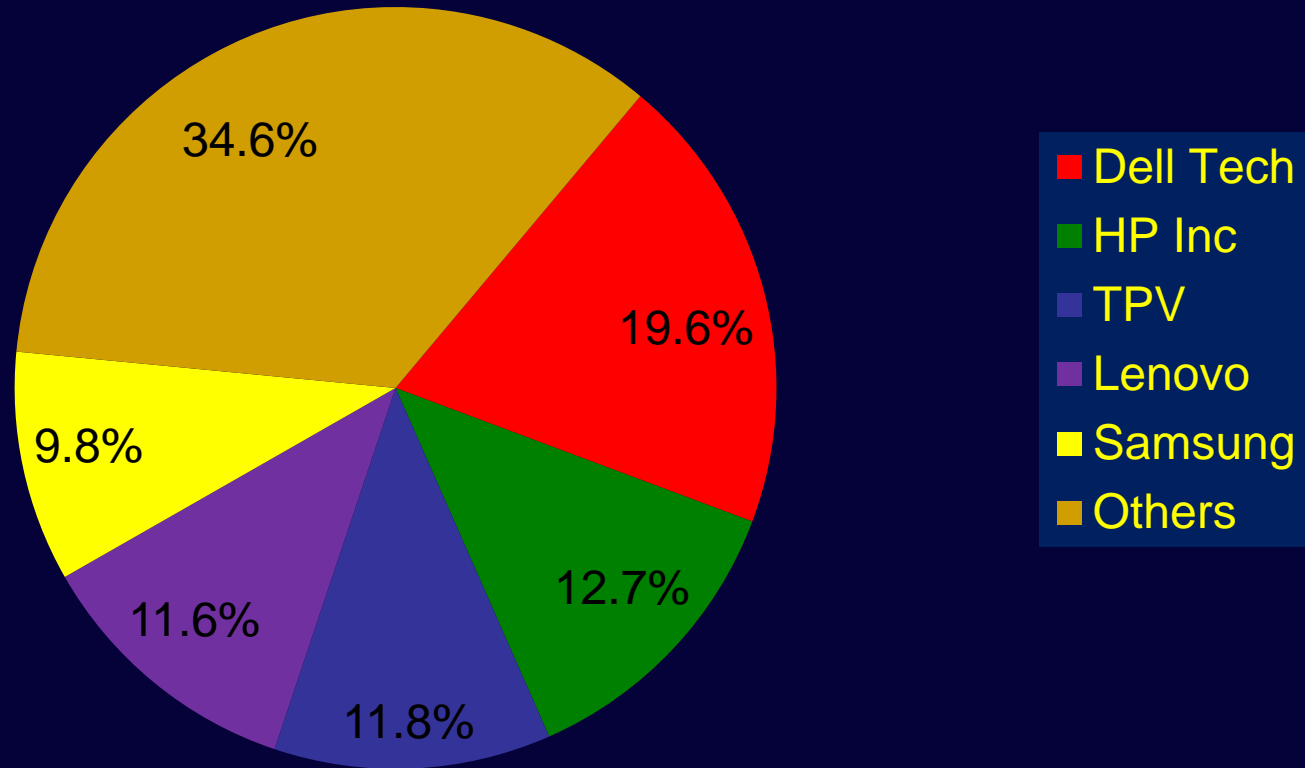
Japanese Domestic Electronic Equipment Production 2020



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World PC Monitor Market

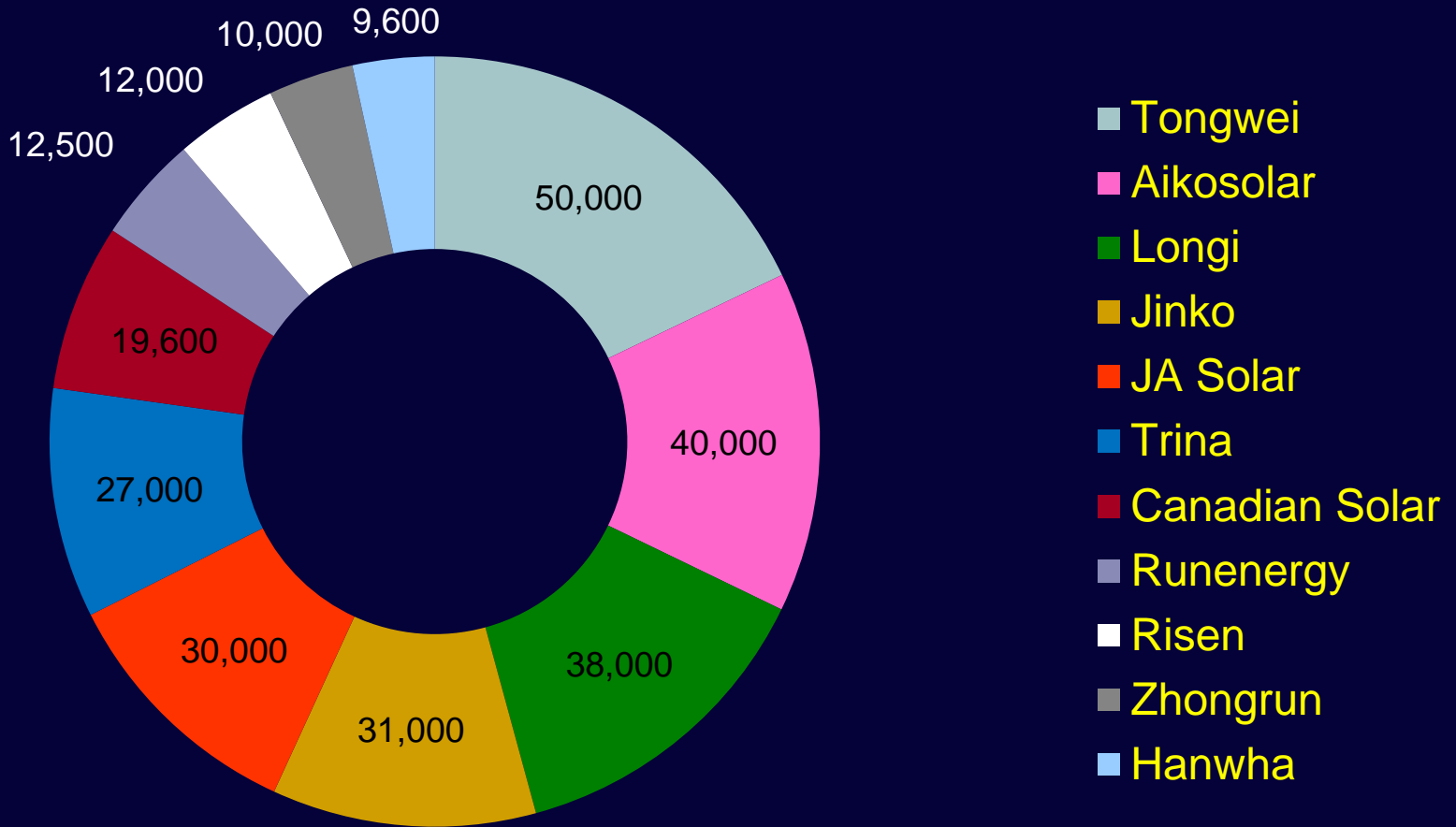
4Q'20



TOTAL: 39.2 Million Units

China's Solar Cell Manufacturing Capacity (Megawatts)

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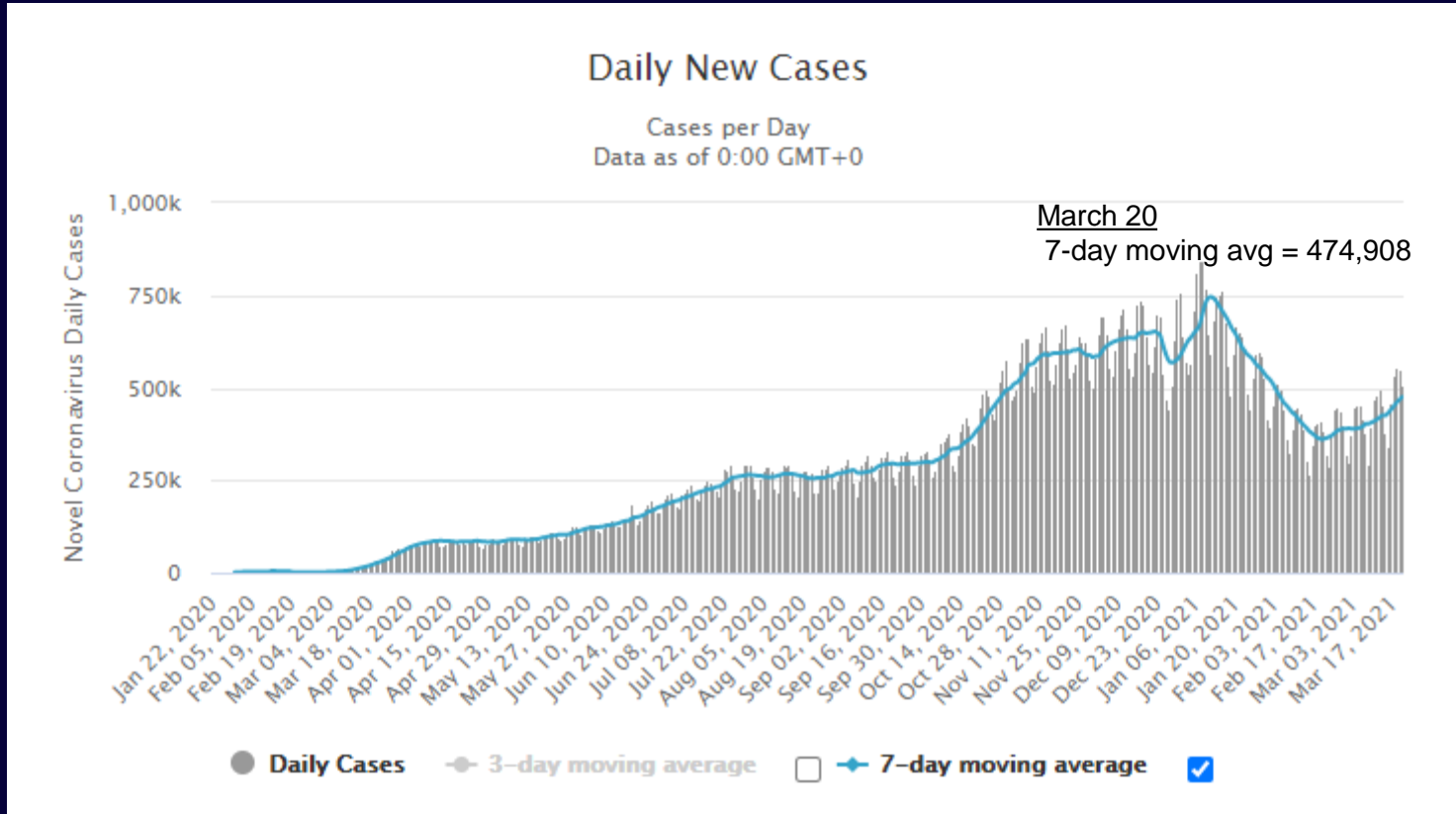
Source: Solarzoom

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COVID Tracker

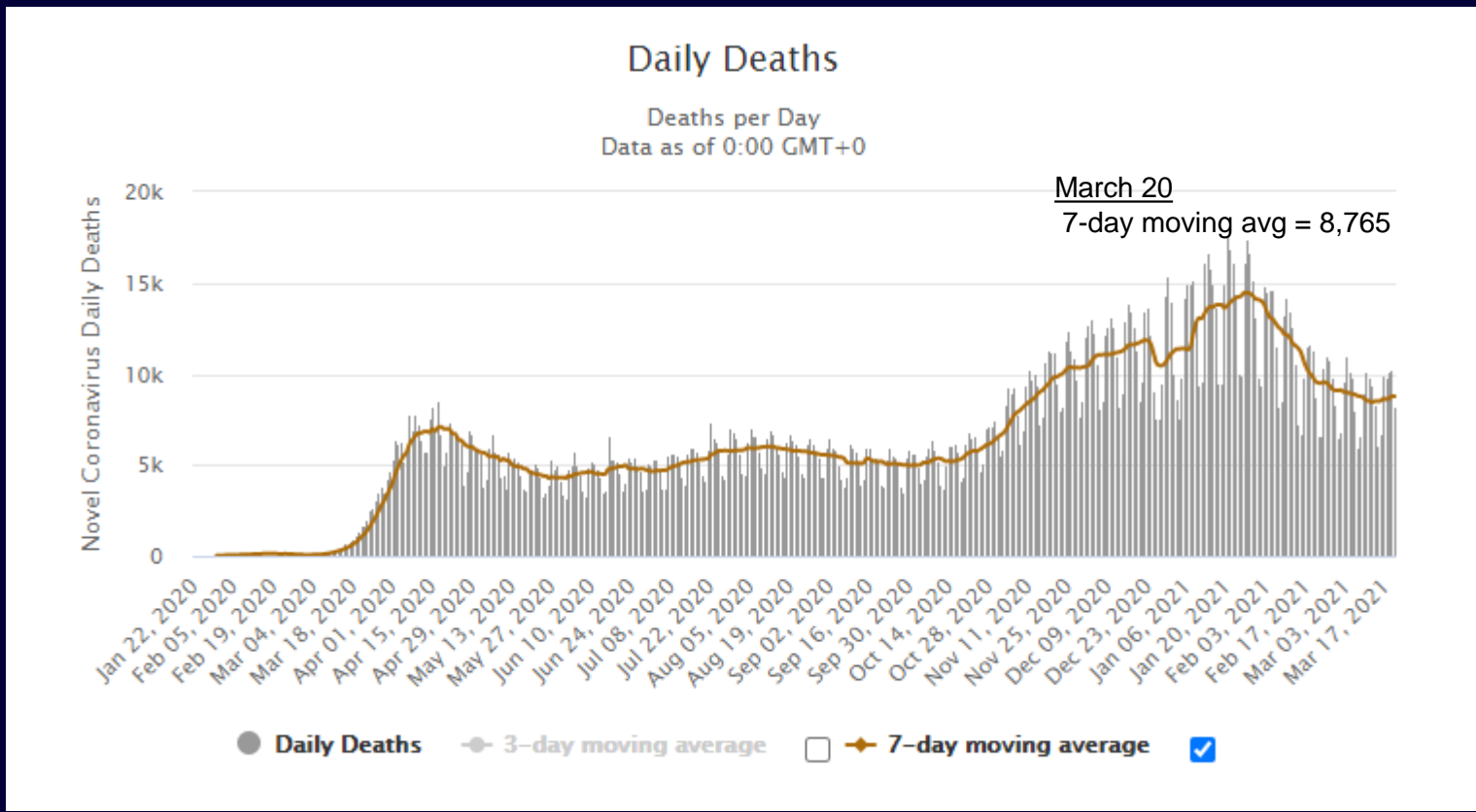
Daily New Case (Worldwide)

Cases per Day



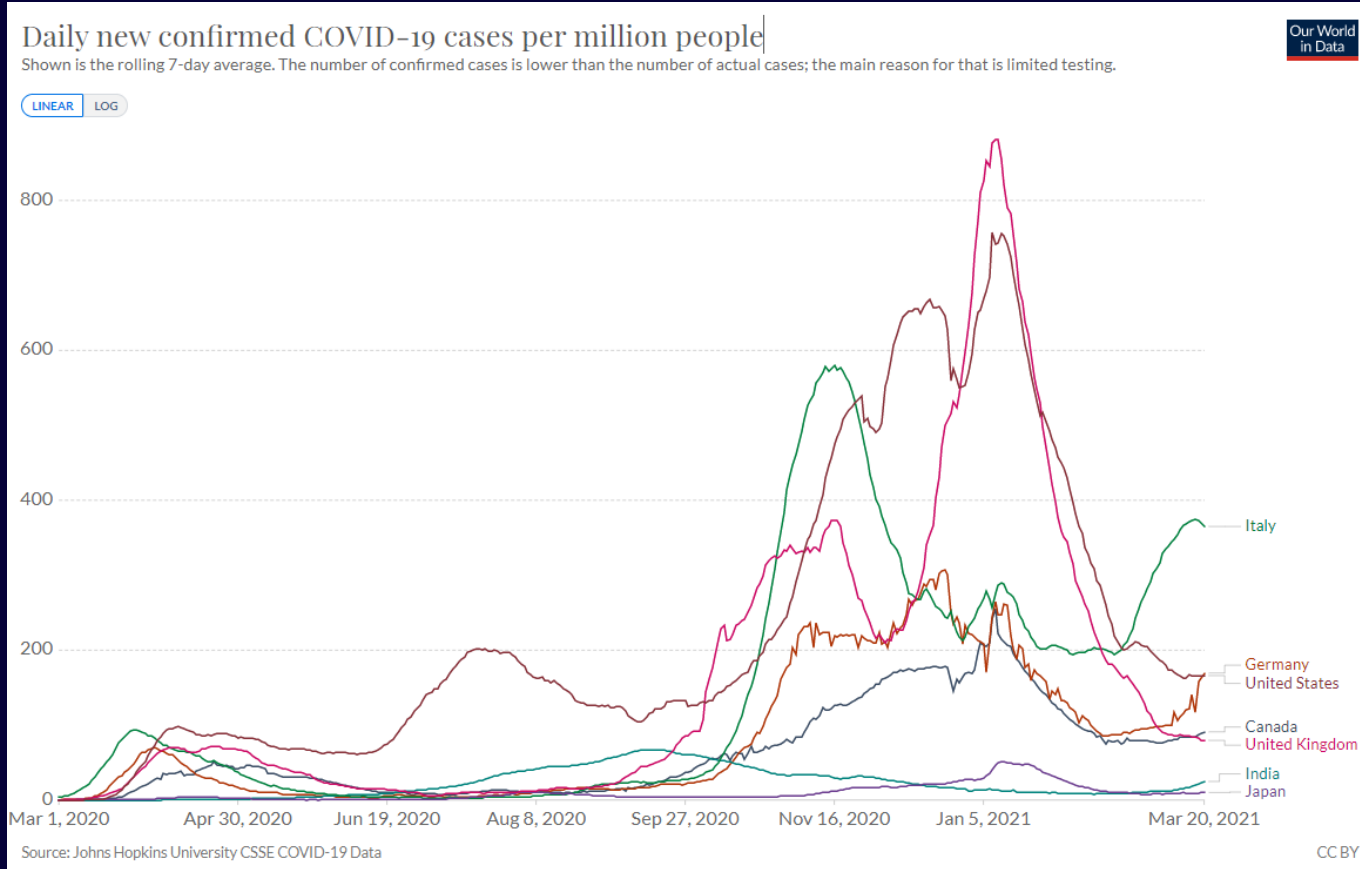
Daily New Deaths (Worldwide)

Deaths per Day



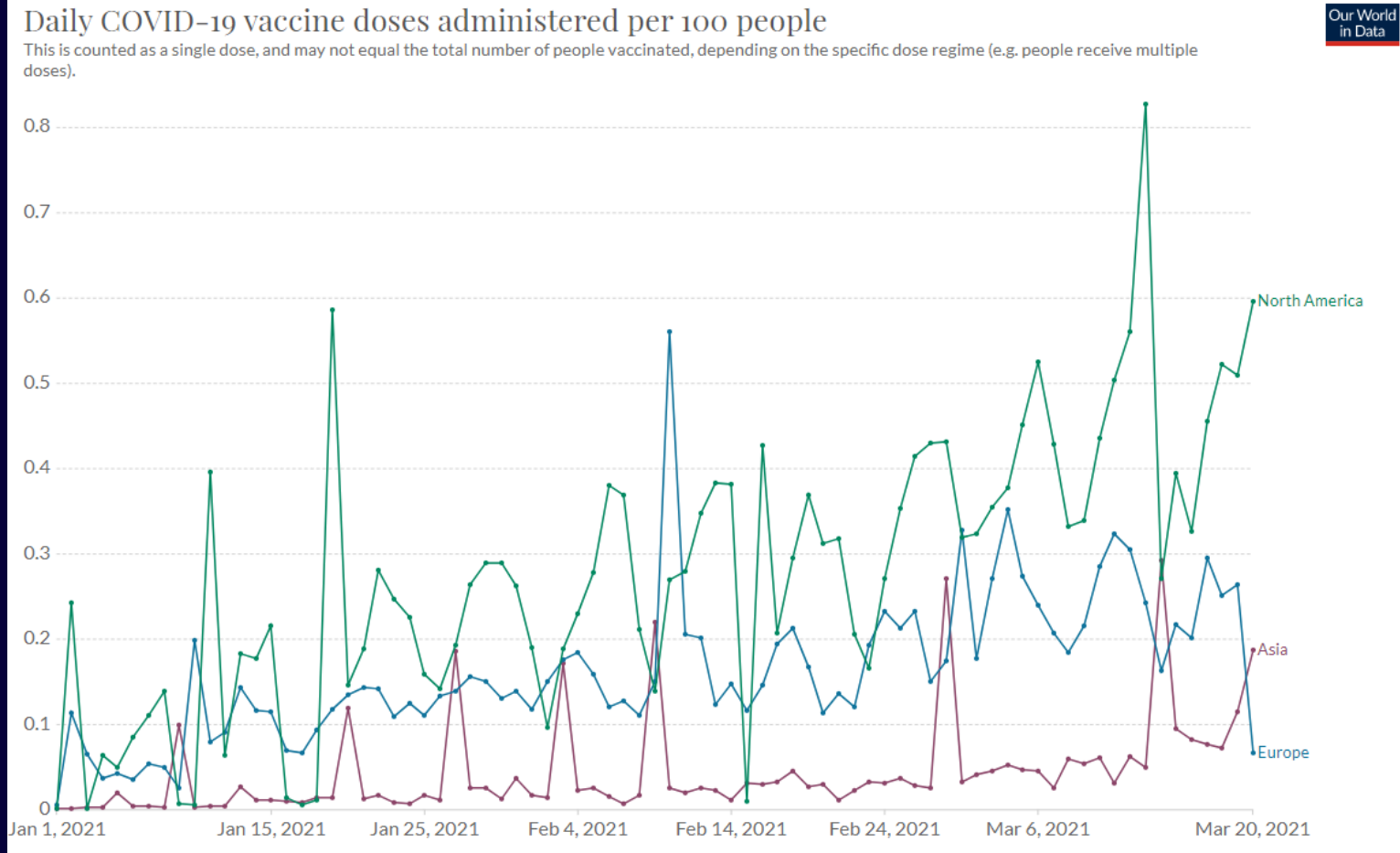
Daily New Cases Per Million People

7-Day Moving Average



Daily New COVID Vaccinations Per 100 People

7-Day Moving Average



Distribution Of Cases

