

# International Network Connectivity and the United States

Kate Reilly, TeleGeography

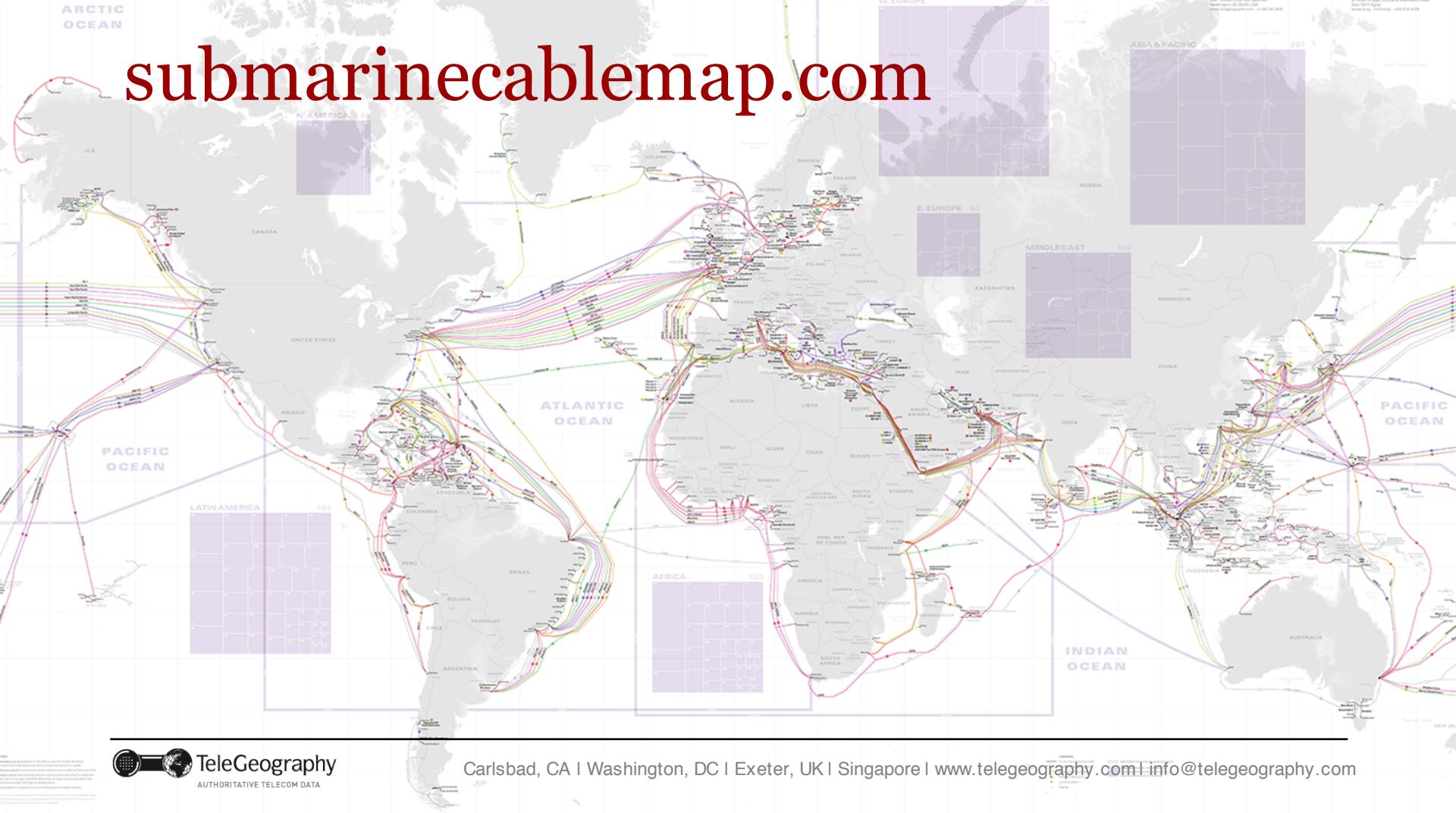
Capacity North America

September 4, 2019

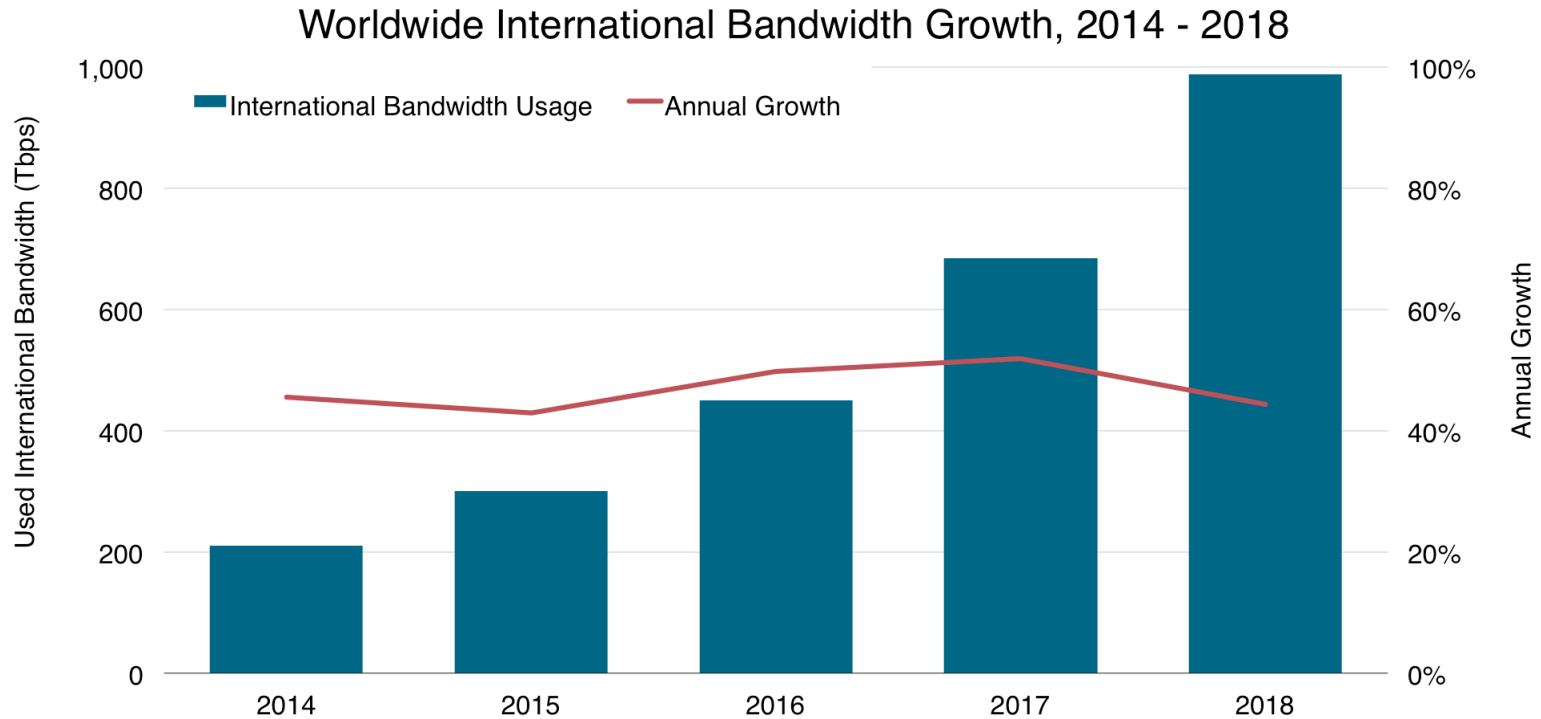
# What we'll look at today

- International bandwidth
- International internet
- Pricing highlights

# submarinecablemap.com

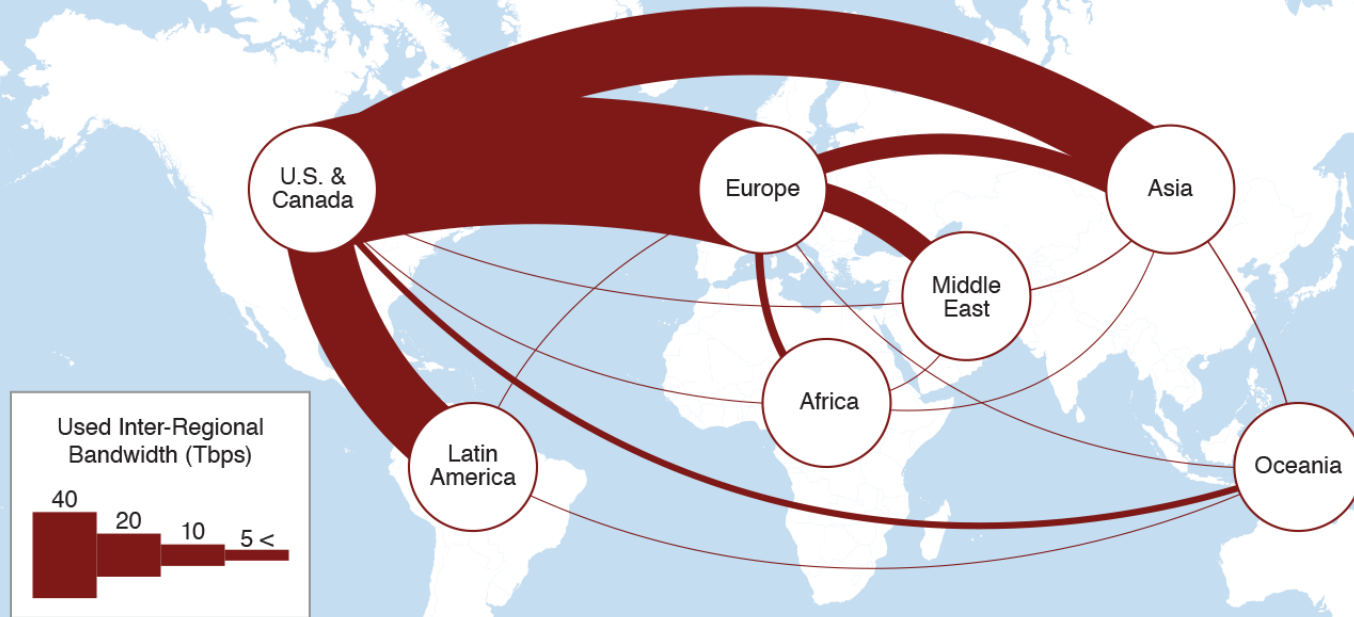


# Bandwidth never goes out of style

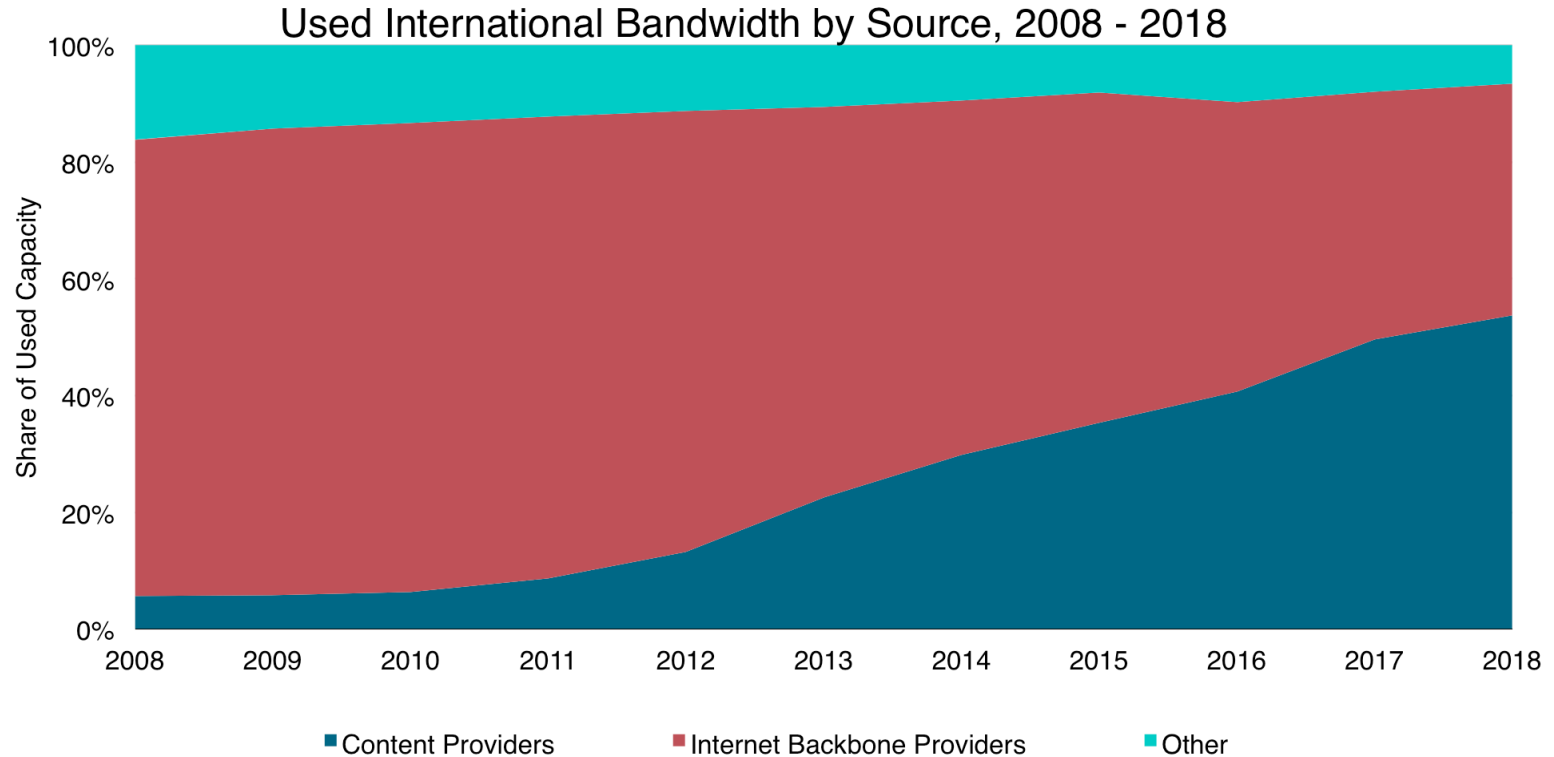


# How the world connects

Used inter-regional bandwidth, 2018

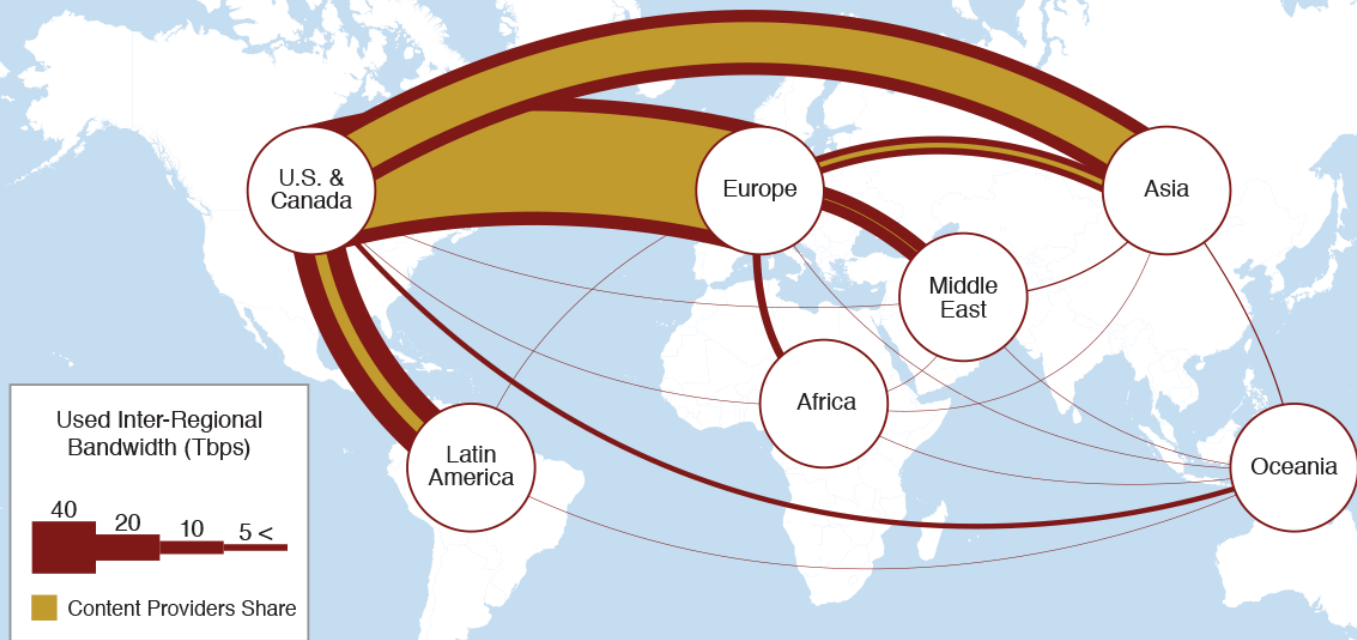


# Demand drivers are changing



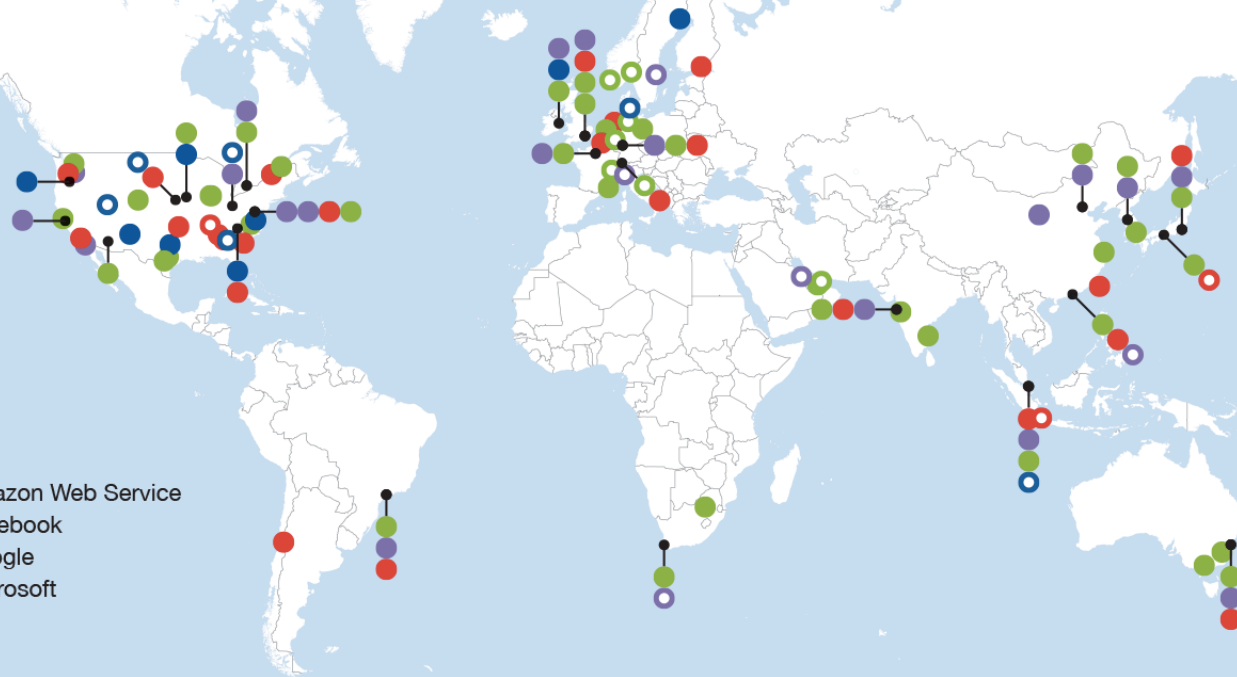
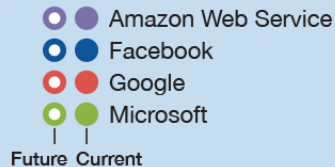
# But share varies by route

Used inter-regional bandwidth showing content provider share, 2018



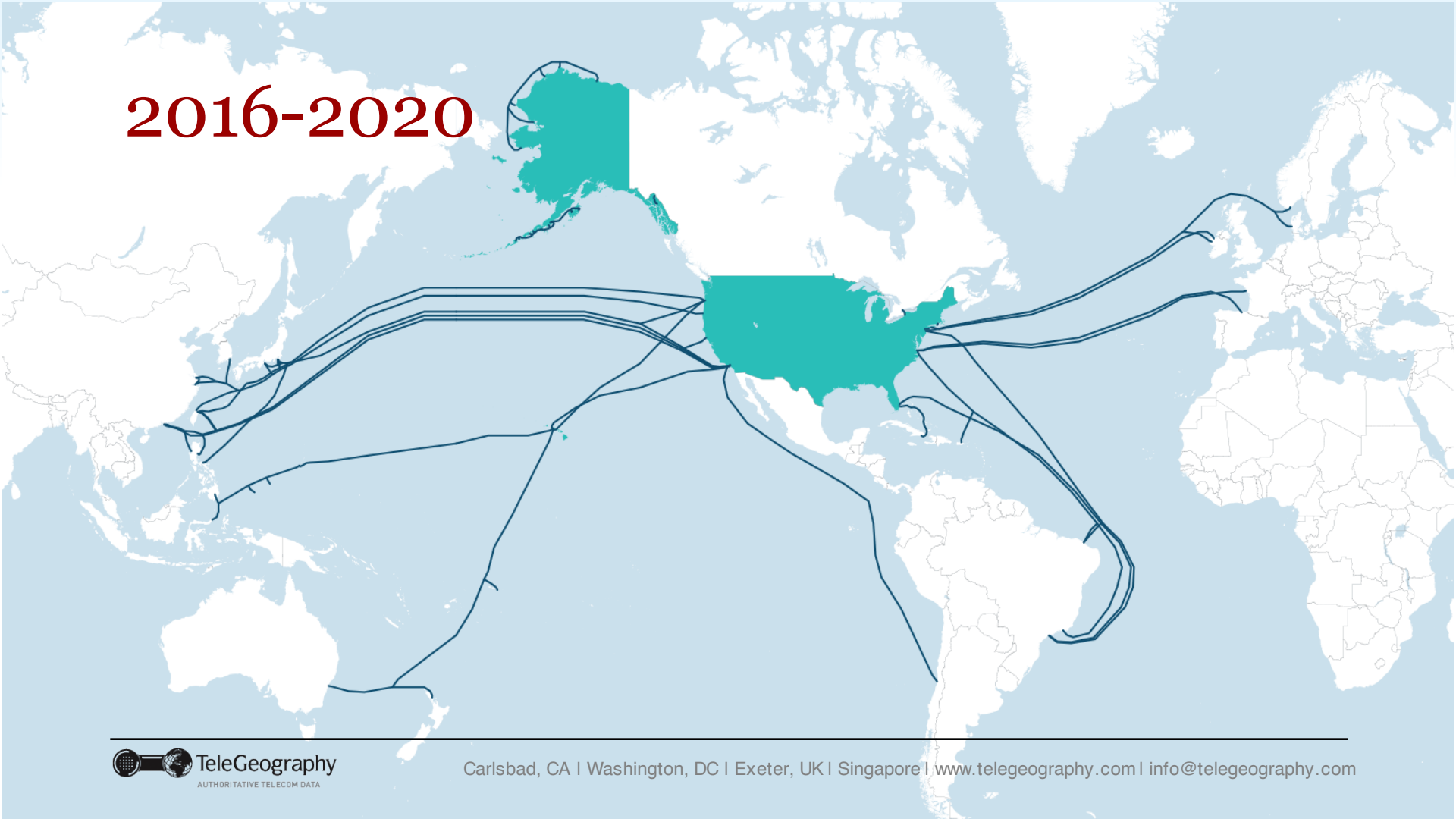
# Linking content and applications

Content provider data centers, Q1 2019

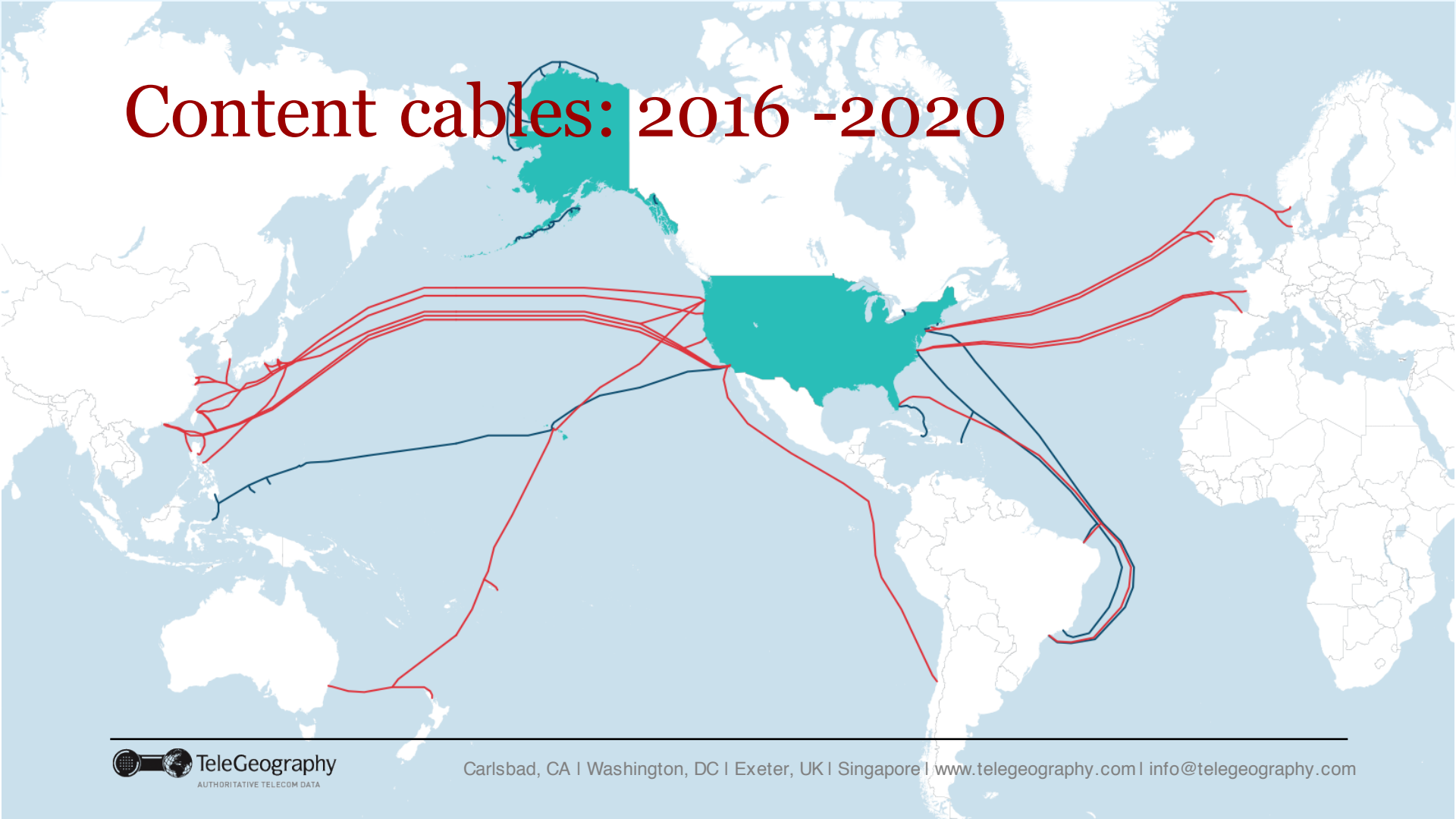




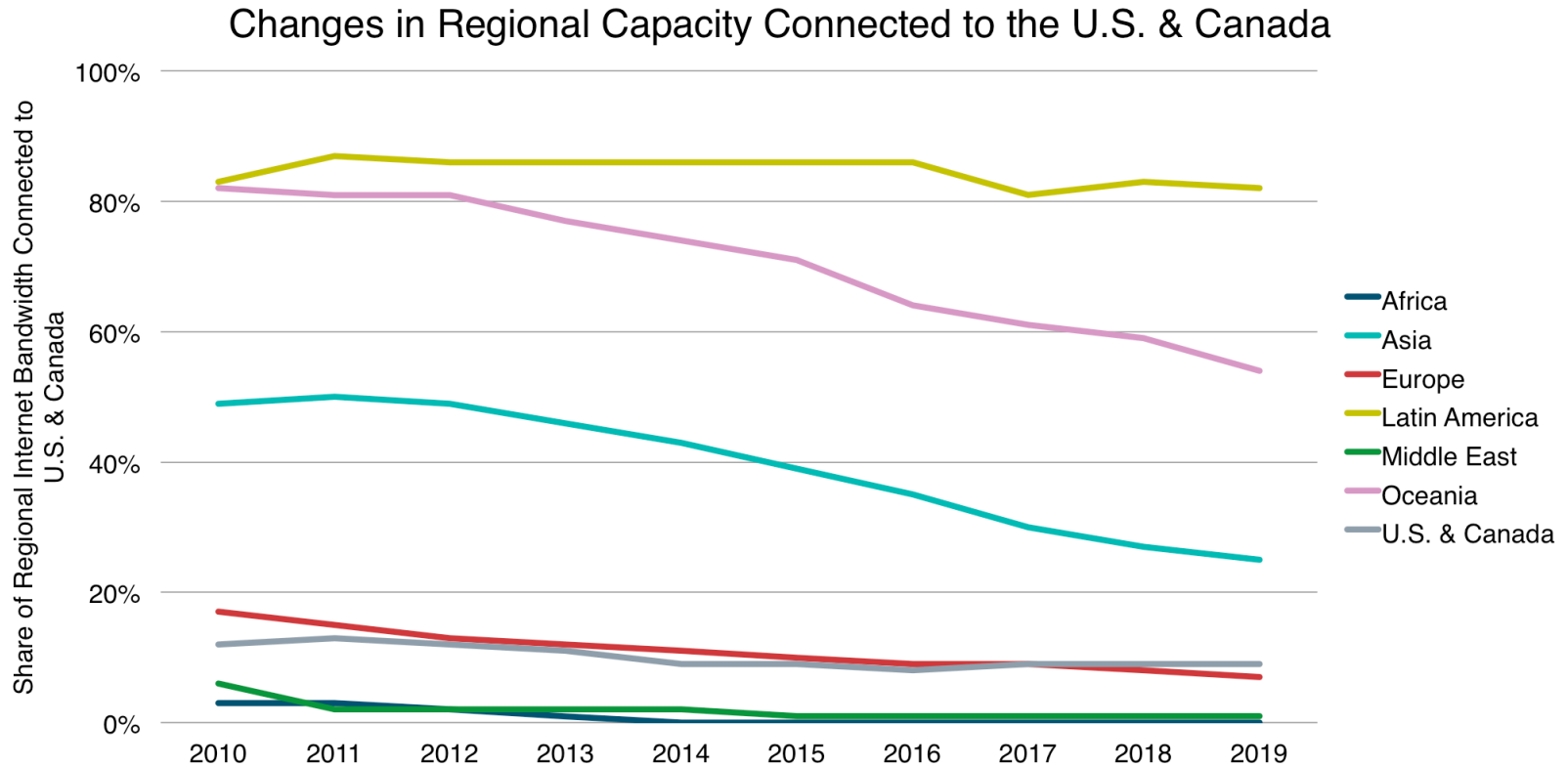
2016-2020



# Content cables: 2016 -2020

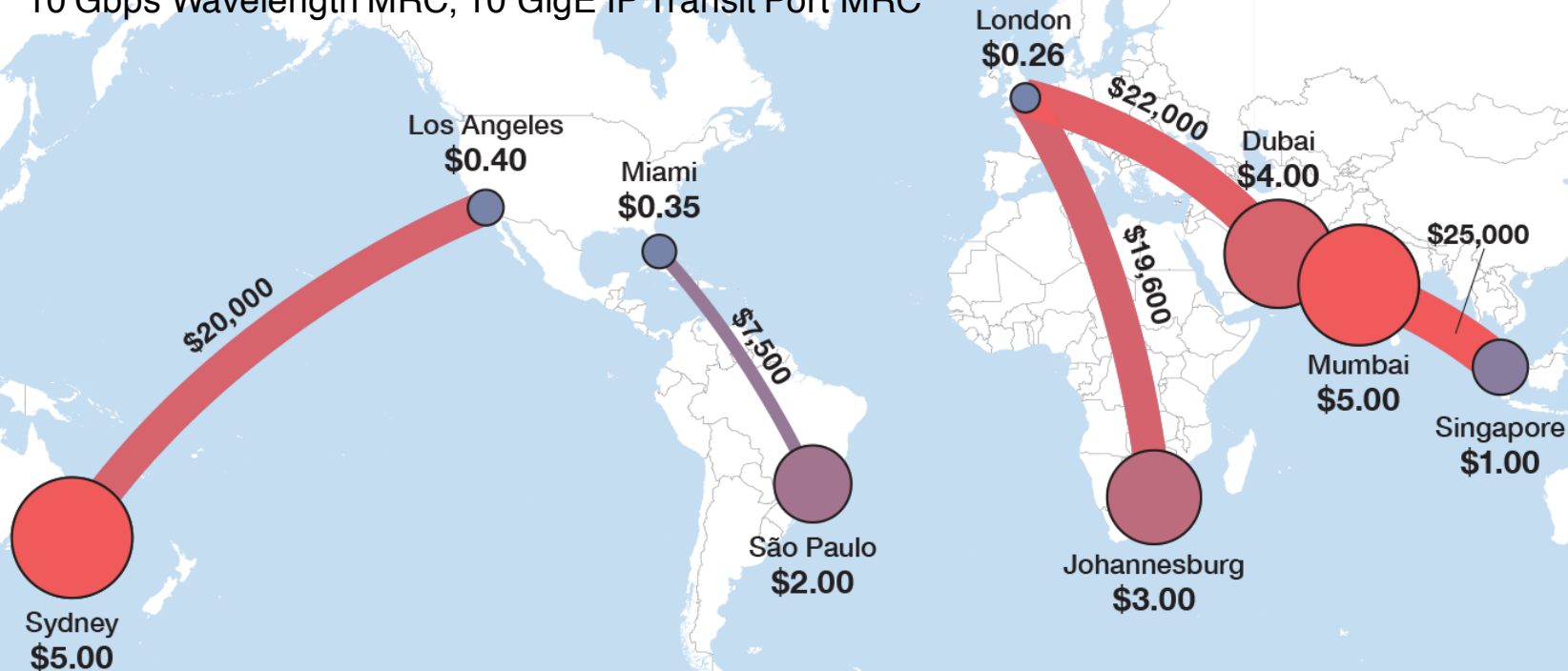


# U.S. & Canada as a global hub

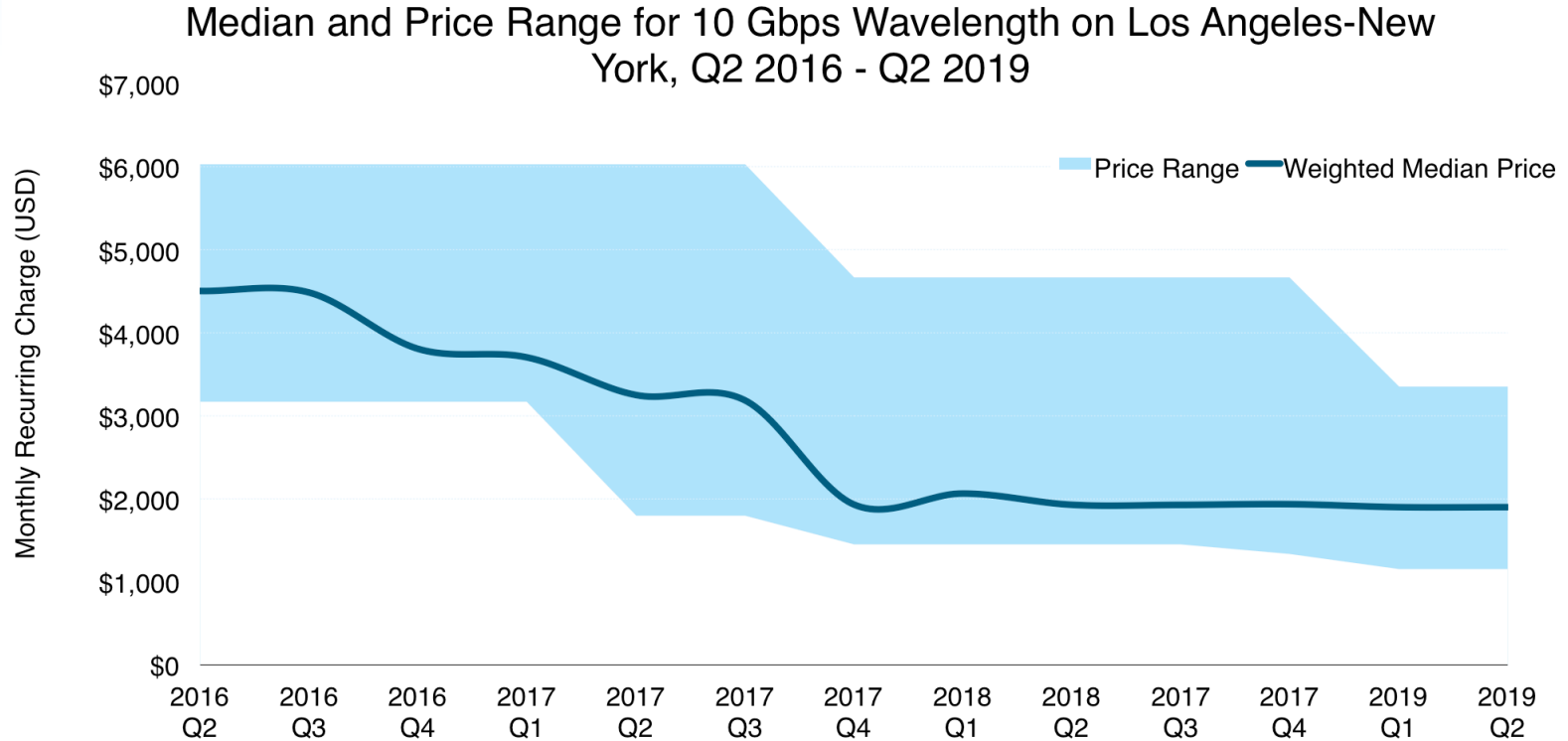


# Transit prices linked to transport

10 Gbps Wavelength MRC, 10 GigE IP Transit Port MRC

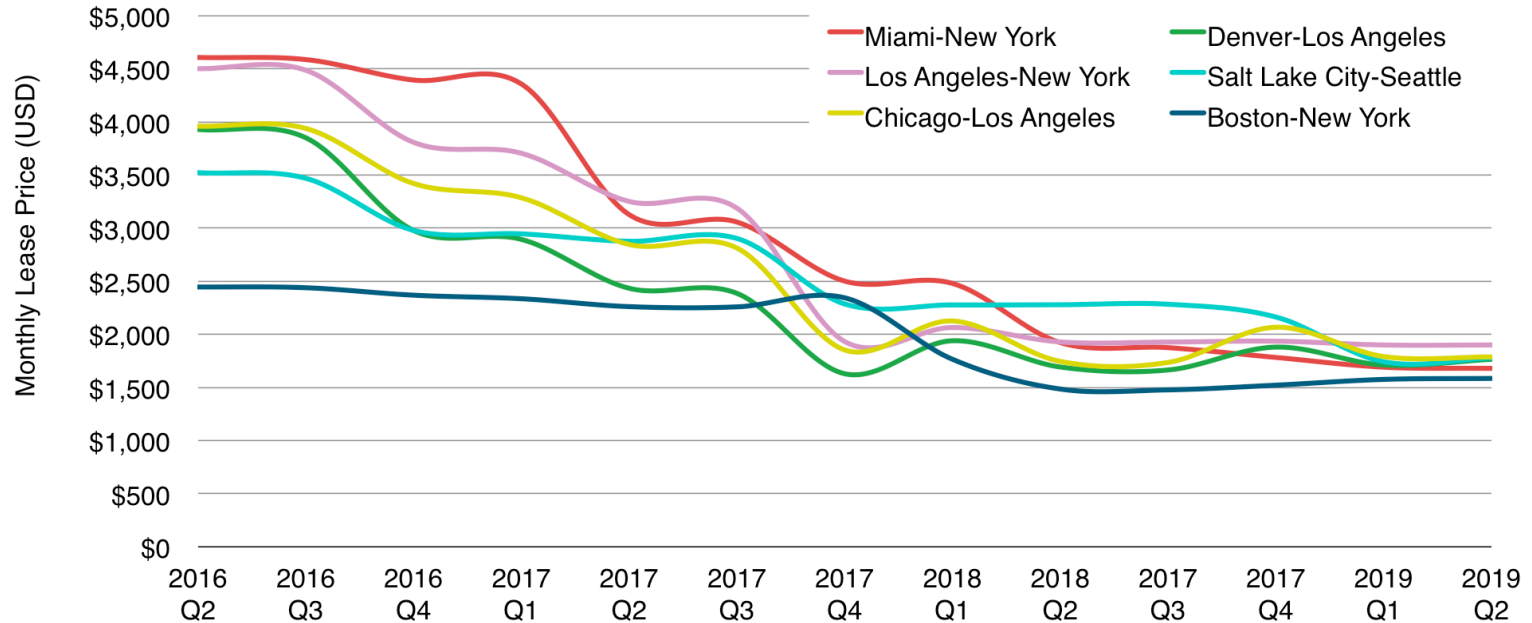


# Prices only go down



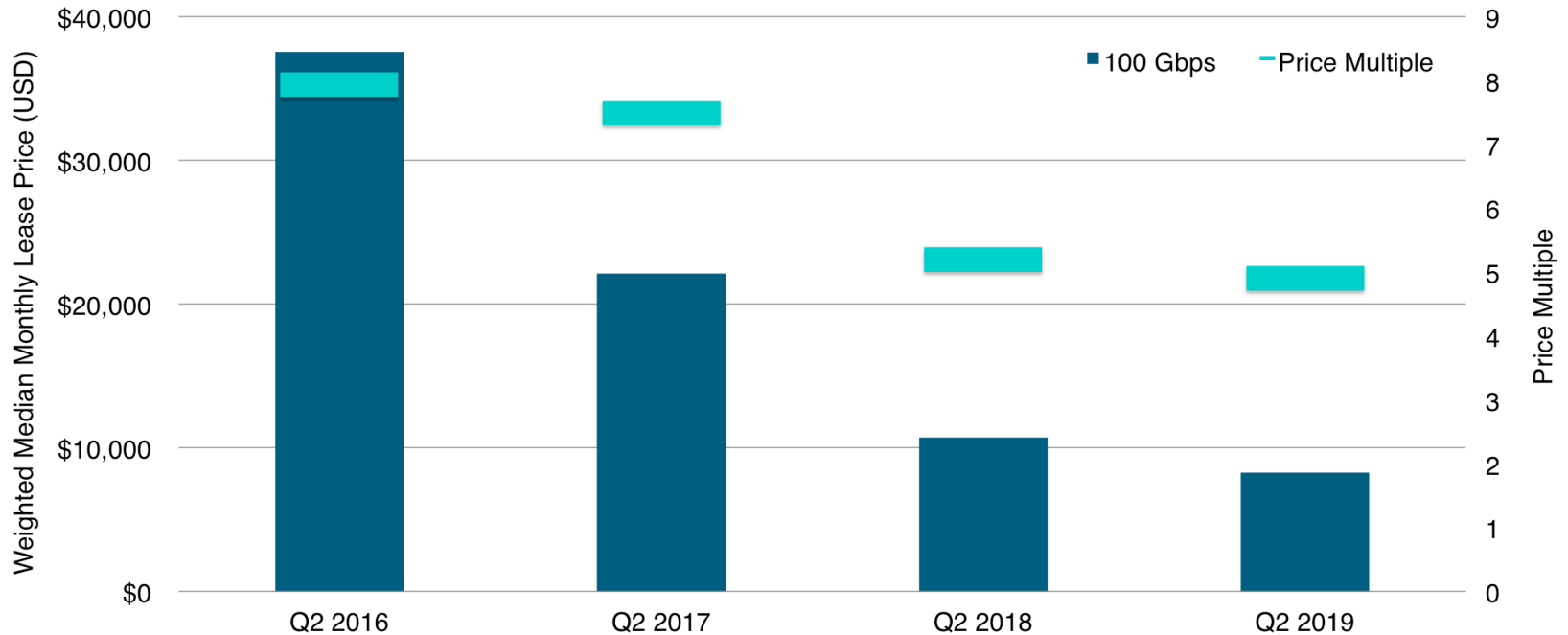
# Wavelength prices are converging

Weighted Median U.S. & Canada 10 Gbps Wavelength Prices, Q2 2016-Q2 2019



# Price erosion in the 100 Gbps market

Weighted Median 100 Gbps Price and Average Carrier Multiple on Los Angeles-New York, Q2 2016 - Q2 2019



**Thanks!**

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