



JETSUPPORT.COM

Business Aviation Index

Q2 2019



The JSSI Business Aviation Index tracks and reports on the global flight activity and utilization of approximately 2,000 business aircraft, including jets, turboprops and helicopters. The report calculates the average flight hours flown per aircraft on a monthly basis and organizes this data into several key categories.

The JSSI Business Aviation Index is broken into four primary categories: Industry, Aircraft Type, Geographical Region and Aircraft Age. The data presented in this report is subject to the core variables in our business.

These variables include, but are not limited to: accurate and timely flight hour reporting; customer addition and attrition; fleet demographic changes, such as fleet size or aircraft class; and any geopolitical events that may inhibit timely or accurate data collection.

If you would like to discuss any of the data points or results in more detail, or would like to use this data in your reports, please contact:

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Introduction

For 30 years, Jet Support Services, Inc. (JSSI), has been the leading independent provider of maintenance programs to the business aviation industry, covering virtually all makes and models of business aircraft, engines, and APUs.

JSSI provides customers with comprehensive, flexible and affordable financial programs and tools for managing the often unpredictable costs of operating and maintaining nearly all types of turbine powered aircraft, including business and commercial jets, turboprops and helicopters. JSSI serves customers globally and manages maintenance services through its worldwide infrastructure of certified technical advisors.

JSSI has always been deeply committed to providing clients and the industry with the highest standard of service and excellence. The JSSI team adds further value by developing the most innovative products and services and expanding into new markets. JSSI publishes a quarterly Business Aviation Index to track flight hours and financial performance of business and commercial aircraft by region, industry and cabin type.

Flight hour activity provides powerful and unique insights into the state of the global economy. The information provided in this report could include technical or other mistakes or inaccuracies. JSSI makes no representations regarding the quality, accuracy, completeness or suitability of the materials on this or any other report, and disclaims any duty to keep this information current or accurate.

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Q2 2019
Results

↑ QoQ 1.0%

↓ YoY -3.2%

↓ YTD -0.7%



Power and Energy
QoQ Increase



Business Services
QoQ Increase



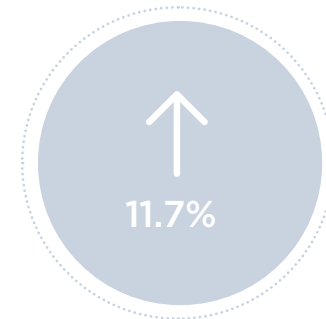
Asia-Pacific
QoQ Increase



Europe
YoY Decrease



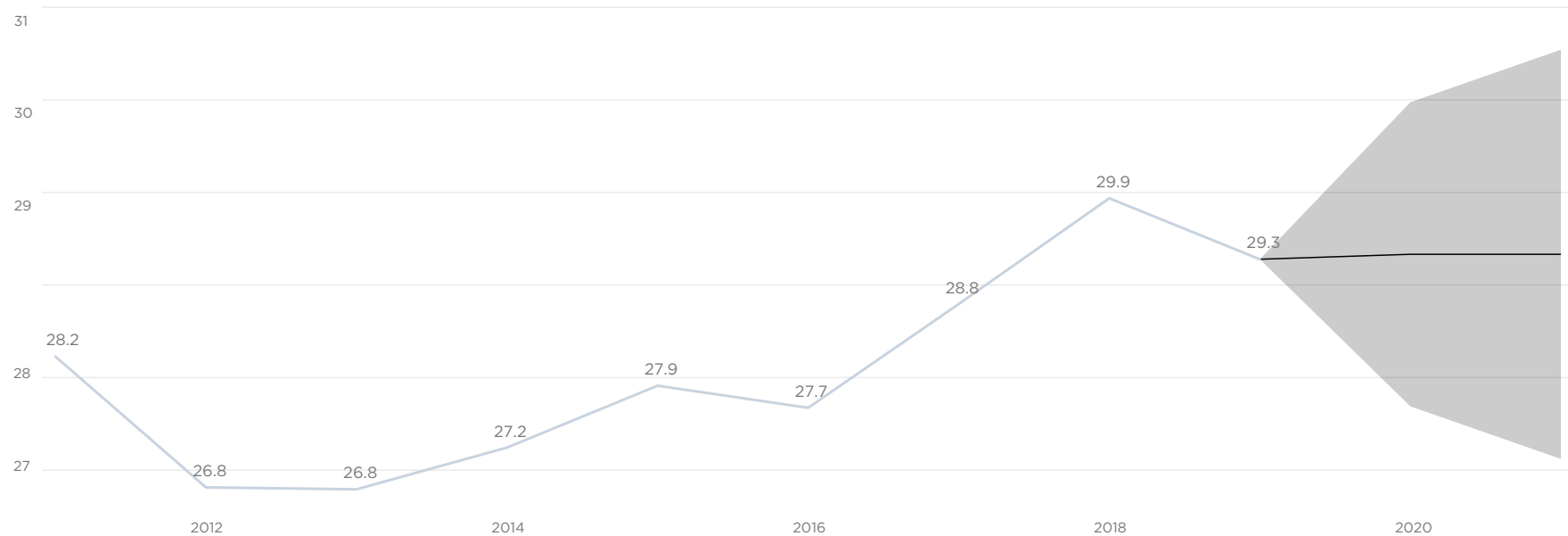
South America
YoY Increase



Healthcare
YoY Increase

AVERAGE FLIGHT HOURS

QoQ 1.0% YoY -3.2% YTD -0.7%



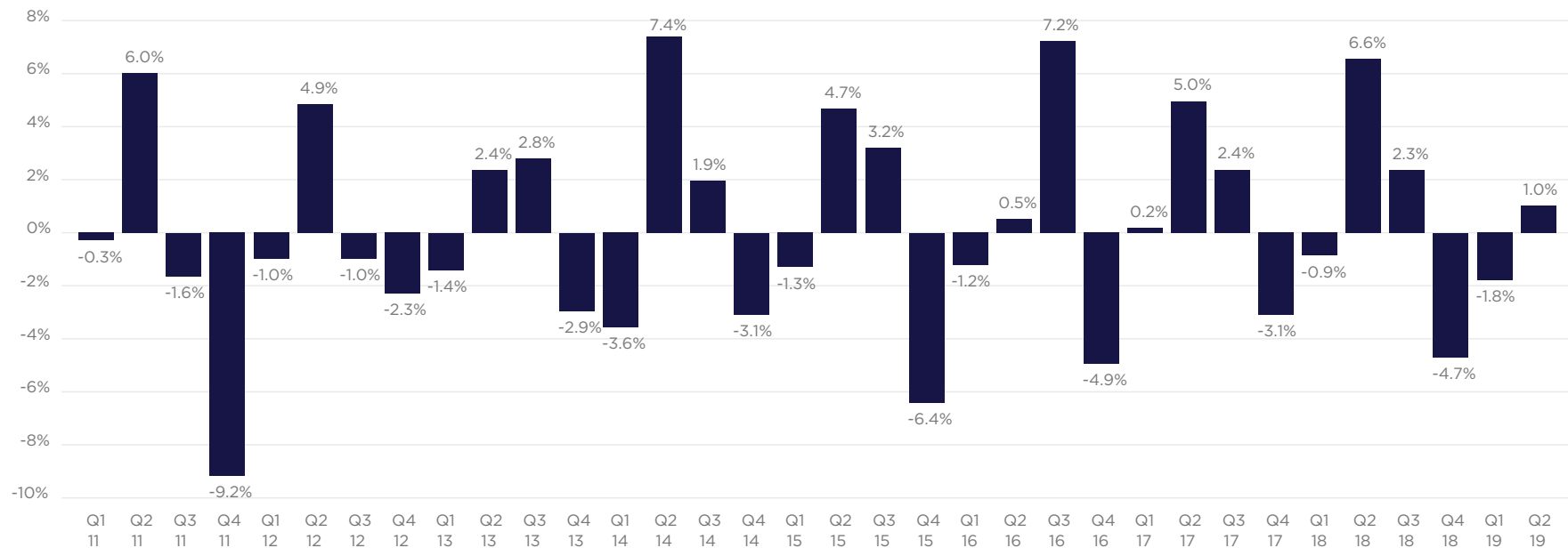
QoQ

YoY

YTD

FLIGHT HOUR ACTIVITY QoQ

QoQ 1.0% YoY -3.2% YTD -0.7%



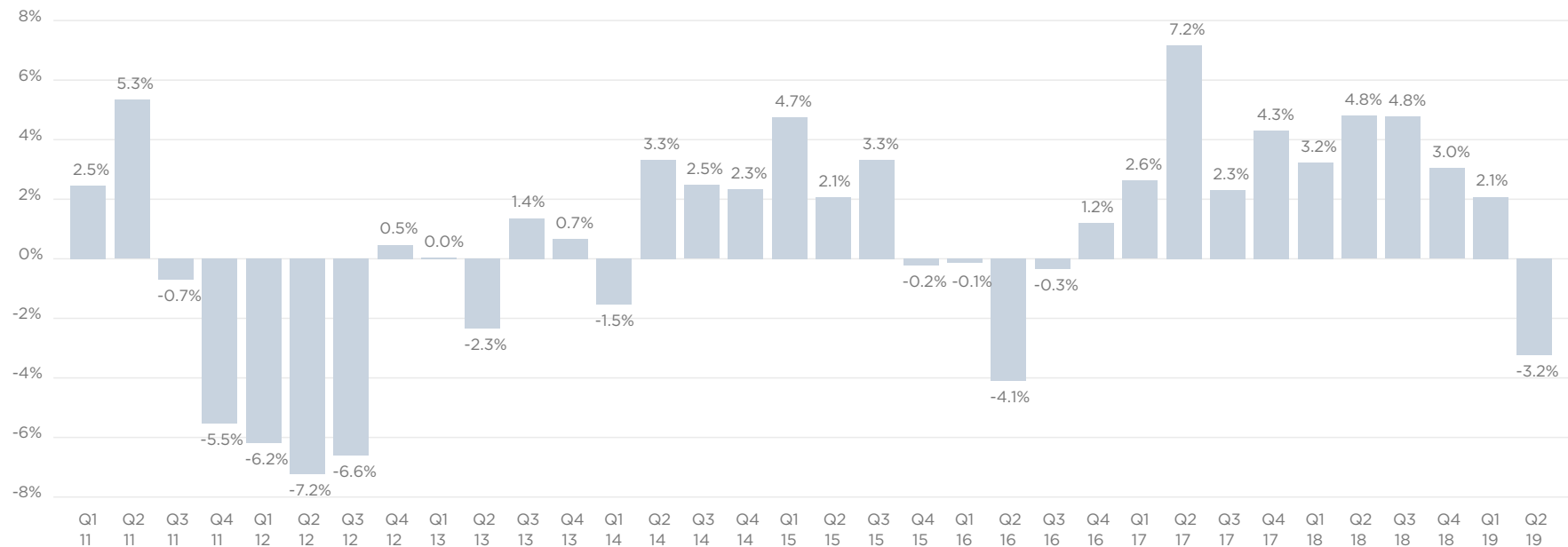
QoQ

YoY

YTD

FLIGHT HOUR ACTIVITY YoY

QoQ 1.0% YoY -3.2% YTD -0.7%



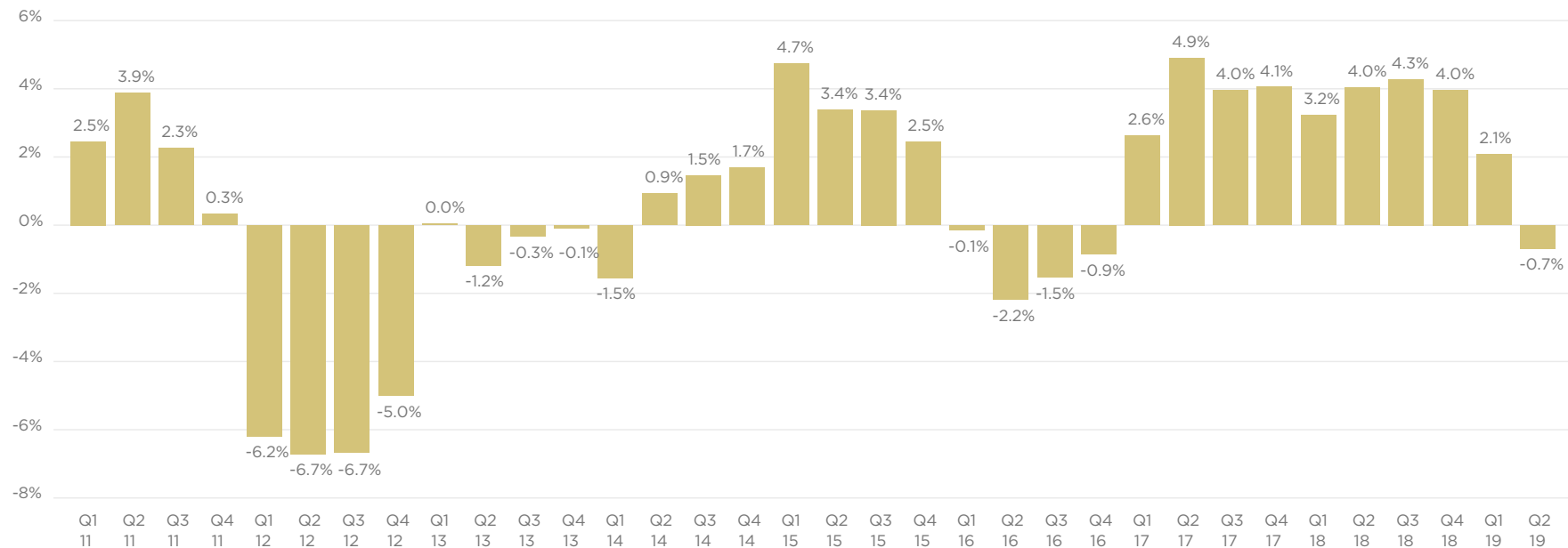
QoQ

YoY

YTD

FLIGHT HOUR ACTIVITY YTD

QoQ 1.0% YoY -3.2% YTD -0.7%



Q2 2019 FLIGHT HOUR ACTIVITY BY INDUSTRY

● QoQ ● YoY ● YTD



Aviation

Companies in this industry include those with a primary purpose to generate revenue through private charter or aviation-related services. It also includes companies with a core focus in aviation manufacturing, design or development.



Business Services

Companies in this industry include marketing and advertising, consulting, legal services, logistics and shipping, human resources, staffing, leasing, security, outsourcing, and facility management.



Construction

Companies in this industry include residential and commercial construction, bridge and roadway construction, excavations, demolitions, and large-scale services supporting the construction industry.



Consumer Goods

Companies that relate to items purchased by individuals and includes companies involved with food production, packaged goods, clothing, beverages, automobiles and electronics.



Financial Services

Companies that manage money, such as credit unions, banks, credit-card companies, insurance companies, accountancy companies, consumerfinance companies, stock brokerages, and investment funds.



Healthcare

Companies that provide goods and services that are used to treat patients, including hospitals, pharmaceutical companies, rehabilitation companies, or other service providers directly related to the medical system.



Manufacturing

Companies that engage in the mechanical, physical, or chemical transformation of materials, substances, or components that support the production of a final product.



Power and Energy

Companies that produce coal, oil, natural gas or electricity, as well as other service providers directly related to the creation or development of power and energy.



Real Estate

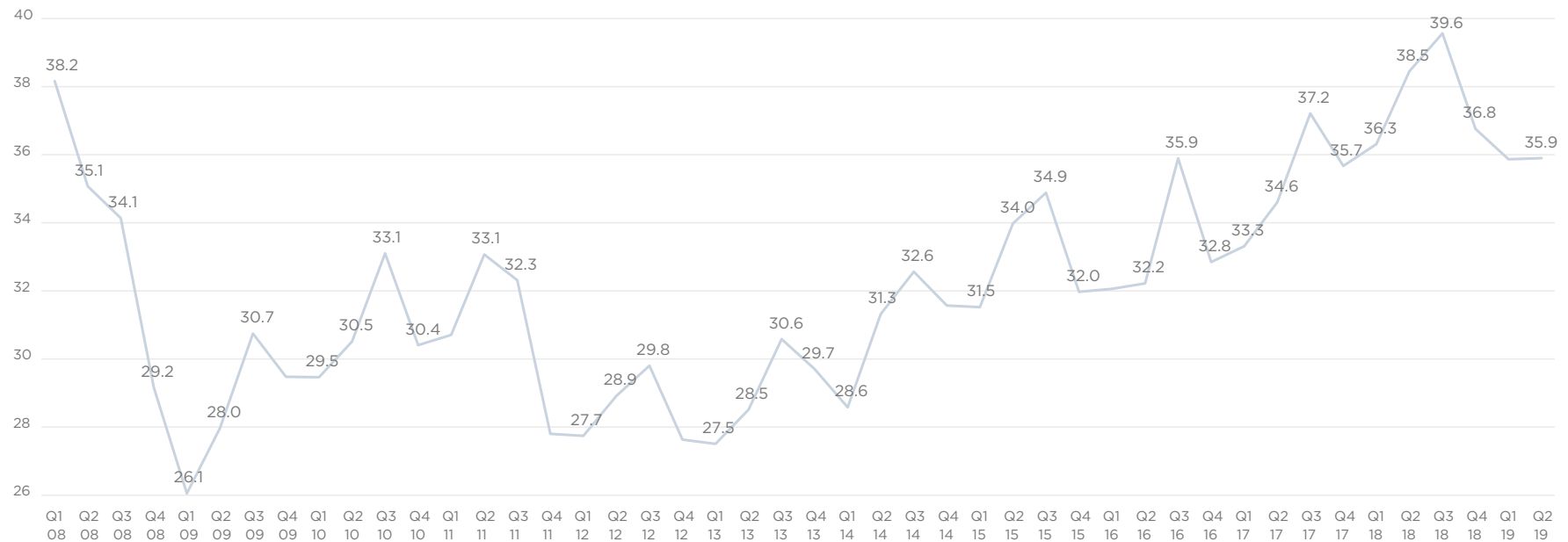
Companies that consist of land and building ownership and companies involved in the buying, selling, or leasing of retail or personal properties.



AVIATION

QoQ 0.1% **YoY -6.6%** **YTD -4.0%**

Companies in this industry include those with a primary purpose to generate revenue through private charter or aviation-related services. It also includes companies with a core focus in aviation manufacturing, design or development.

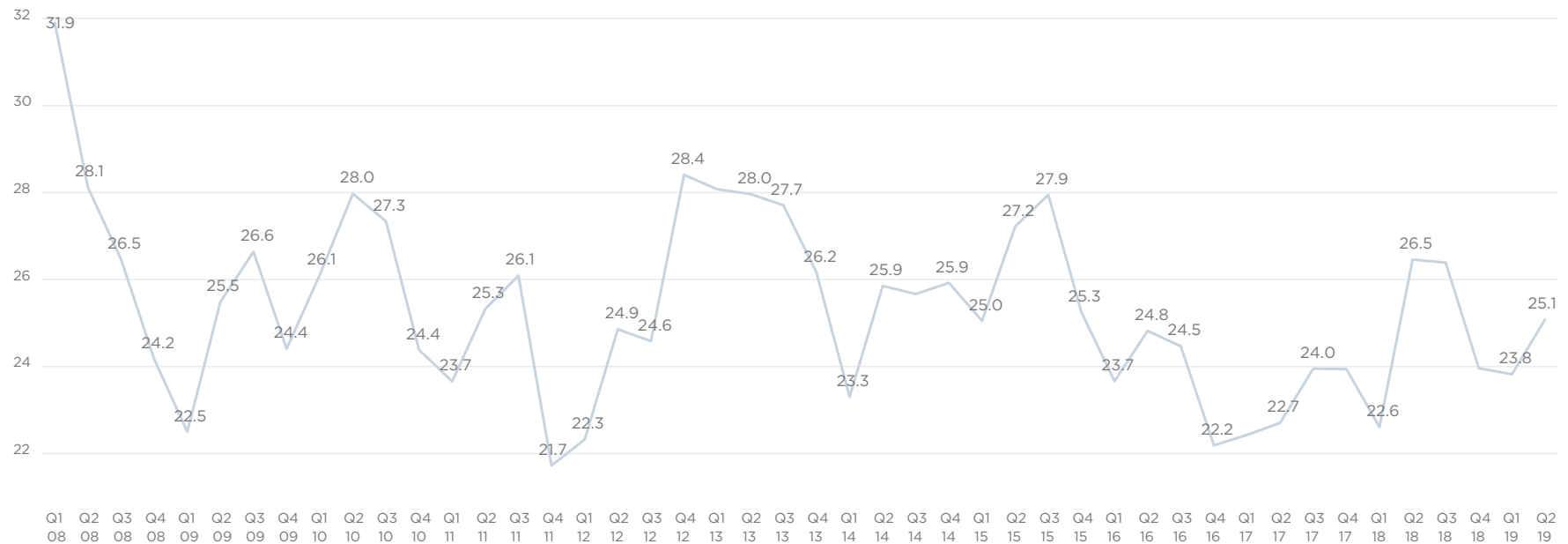




BUSINESS SERVICES

QoQ 5.3% **YoY -5.2%** **YTD -0.3%**

Companies in this industry include marketing and advertising, consulting, legal services, logistics and shipping, human resources, staffing, leasing, security, outsourcing, and facility management.

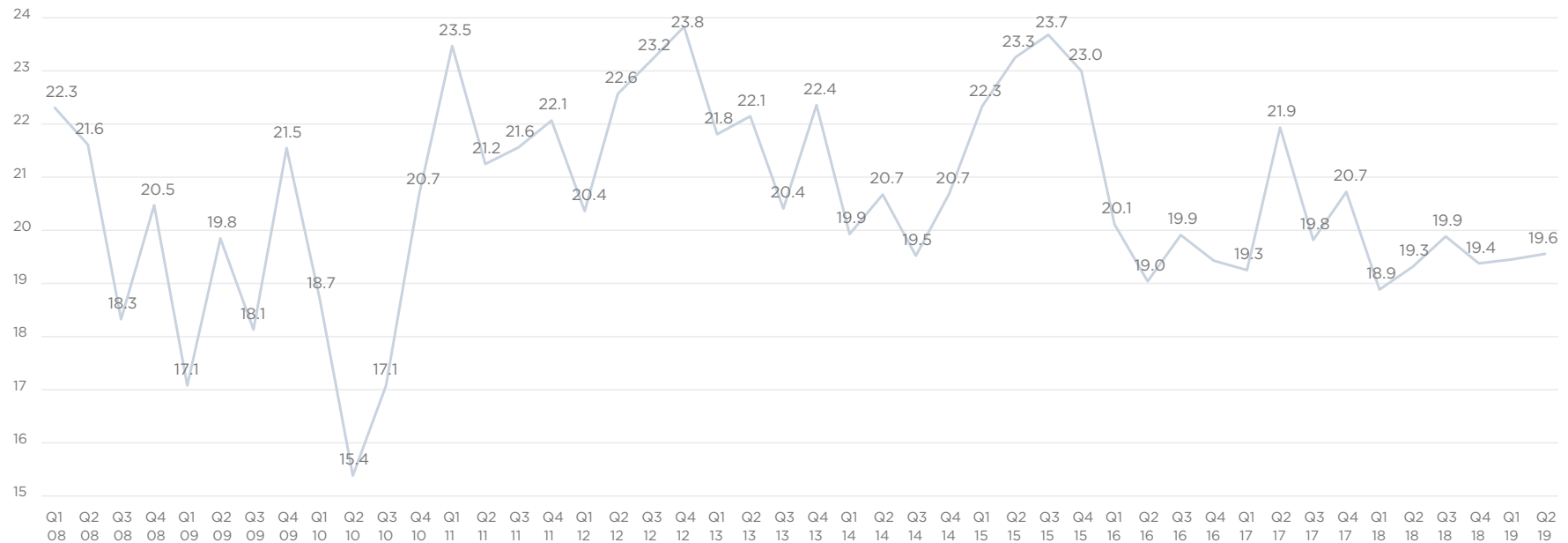




CONSTRUCTION

QoQ 0.5% **YoY 1.3%** **YTD 2.1%**

Companies in this industry include residential and commercial construction, bridge and roadway construction, excavations, demolitions, and large-scale services supporting the construction industry.

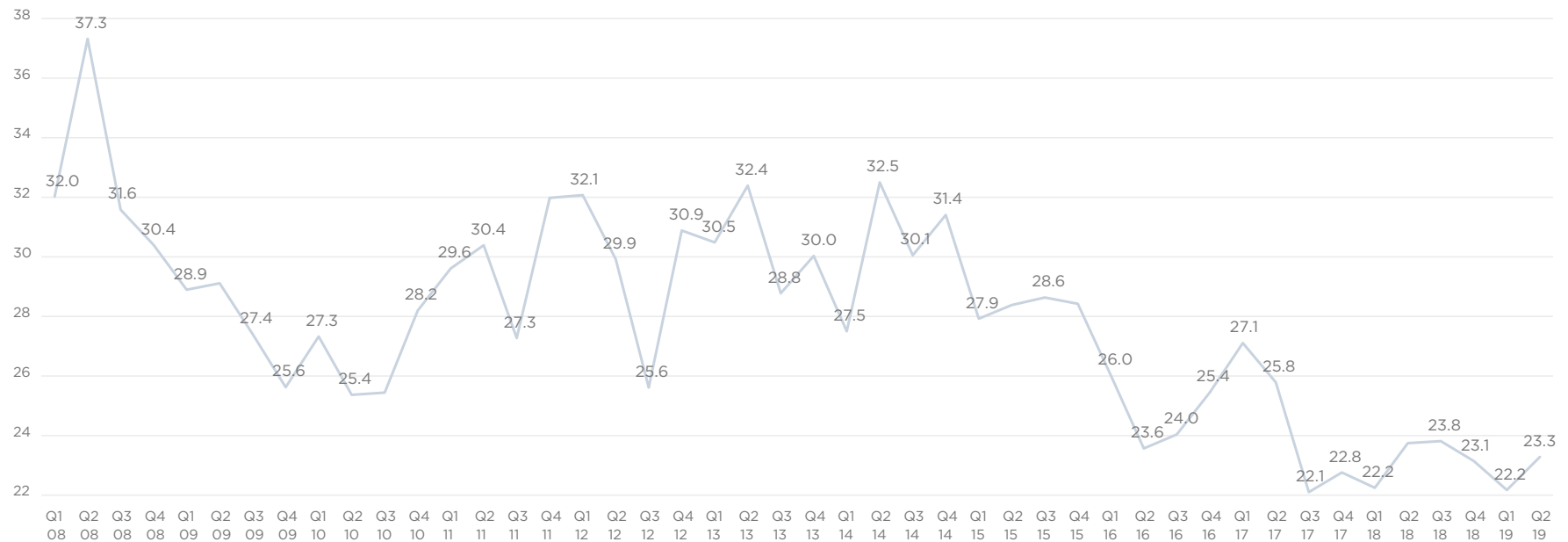




CONSUMER GOODS

QoQ 5.0% **YoY -1.9%** **YTD -1.1%**

Companies that relate to items purchased by individuals and includes companies involved with food production, packaged goods, clothing, beverages, automobiles and electronics.

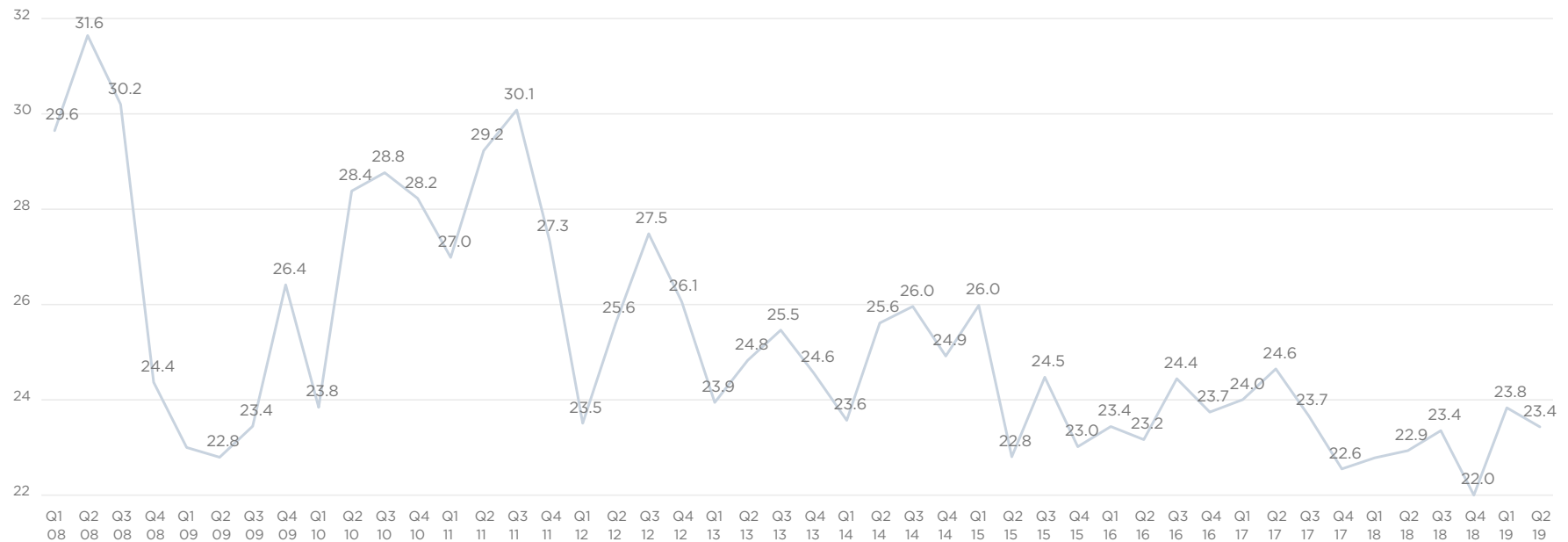




FINANCIAL SERVICES

QoQ -1.7% **YoY 2.2%** **YTD 3.4%**

Companies that manage money, such as credit unions, banks, credit-card companies, insurance companies, accountancy companies, consumerfinance companies, stock brokerages, and investment funds.

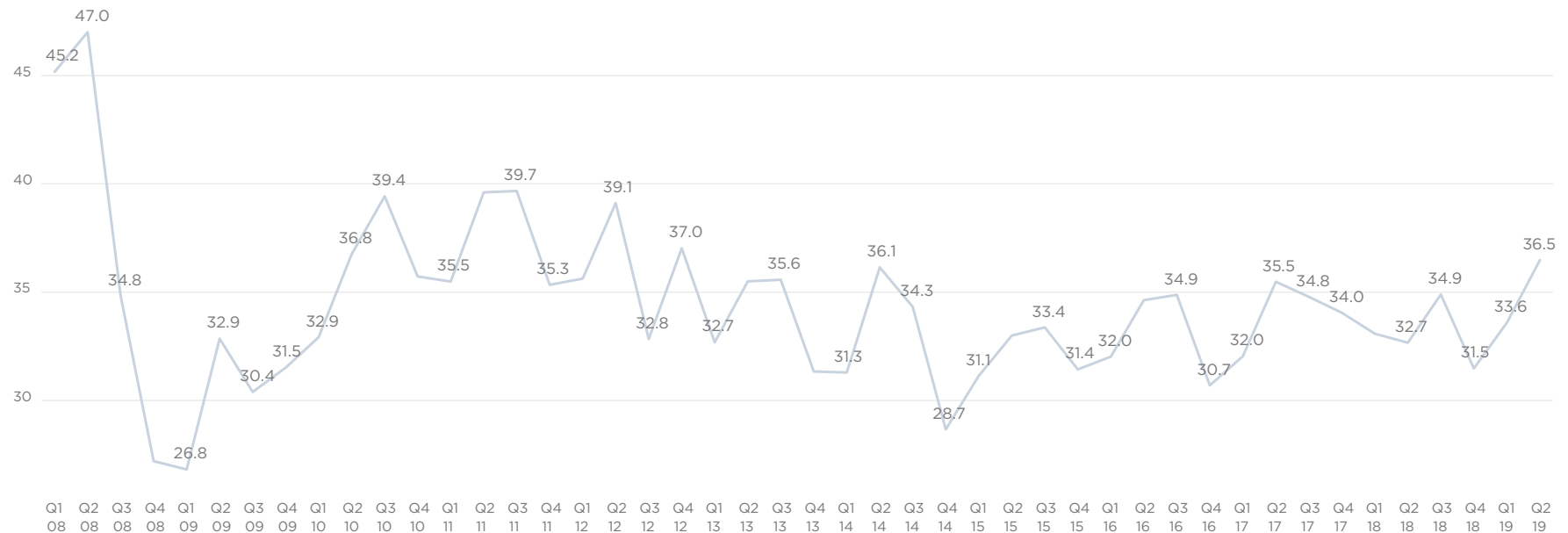




HEALTHCARE

QoQ 8.6% **YoY 11.7%** **YTD 6.5%**

Companies that provide goods and services that are used to treat patients, including hospitals, pharmaceutical companies, rehabilitation companies, or other service providers directly related to the medical system.

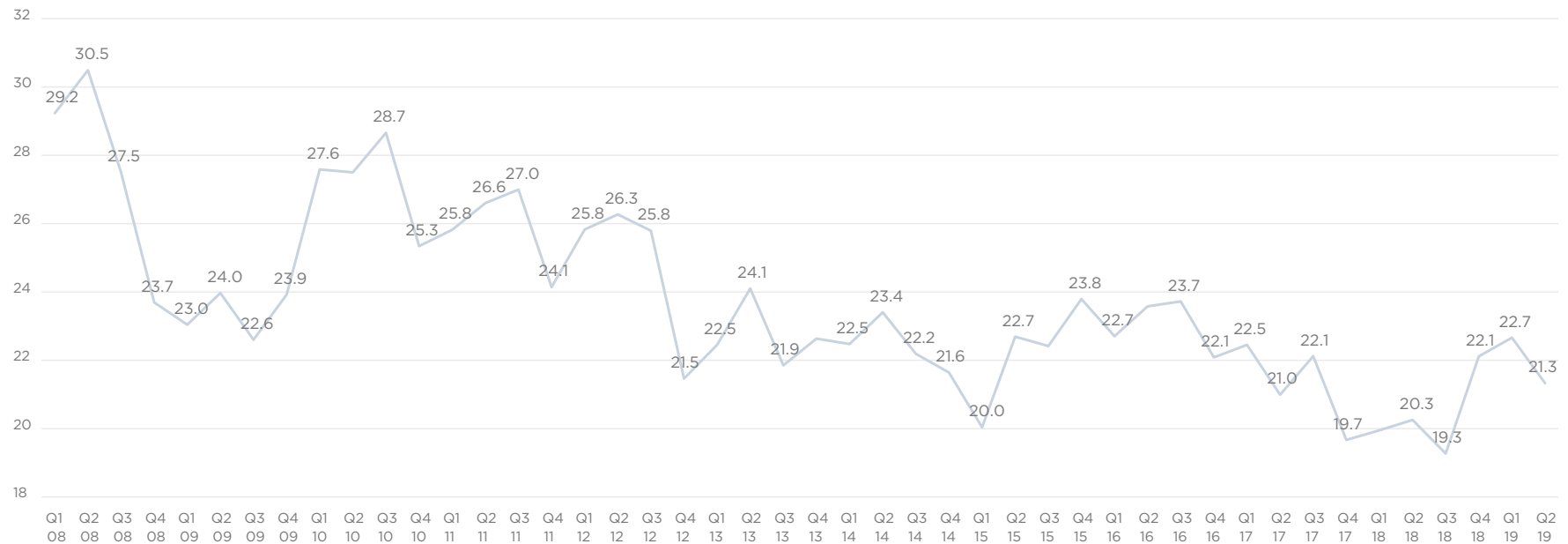




MANUFACTURING

QoQ -5.9% **YoY 5.3%** **YTD 9.6%**

Companies that engage in the mechanical, physical, or chemical transformation of materials, substances, or components that support the production of a final product.

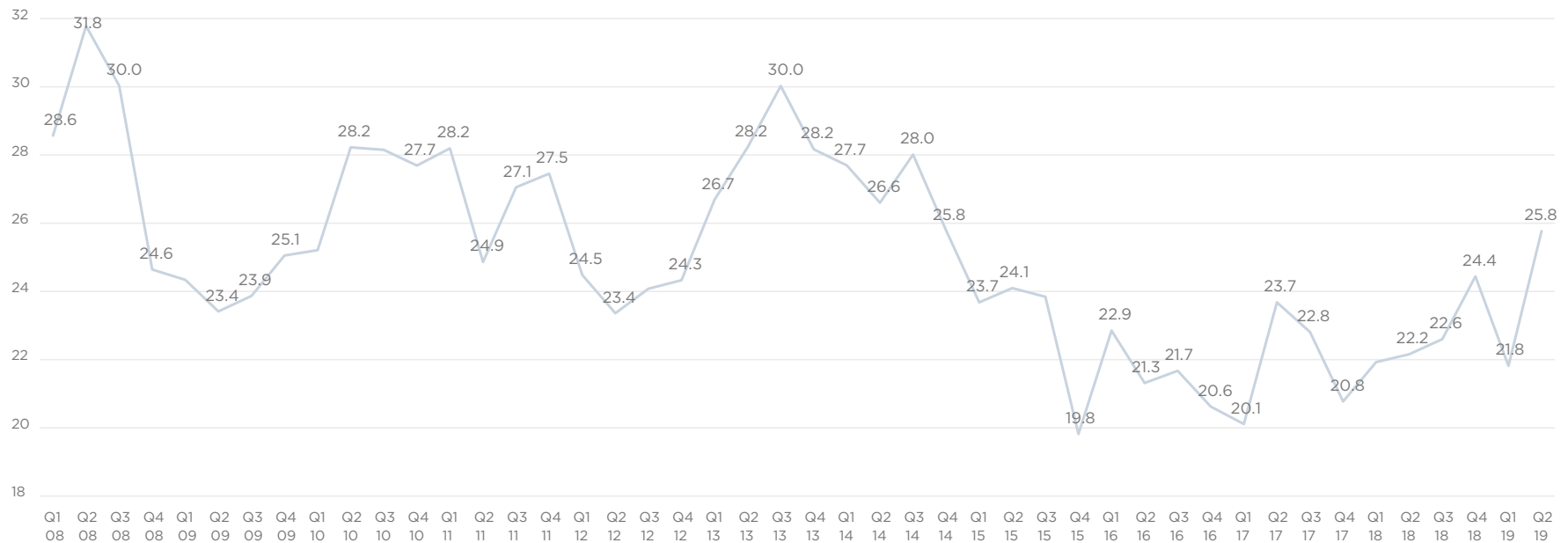




POWER AND ENERGY

QoQ 18.1% **YoY 16.3%** **YTD 7.9%**

Companies that produce coal, oil, natural gas or electricity, as well as other service providers directly related to the creation or development of power and energy.

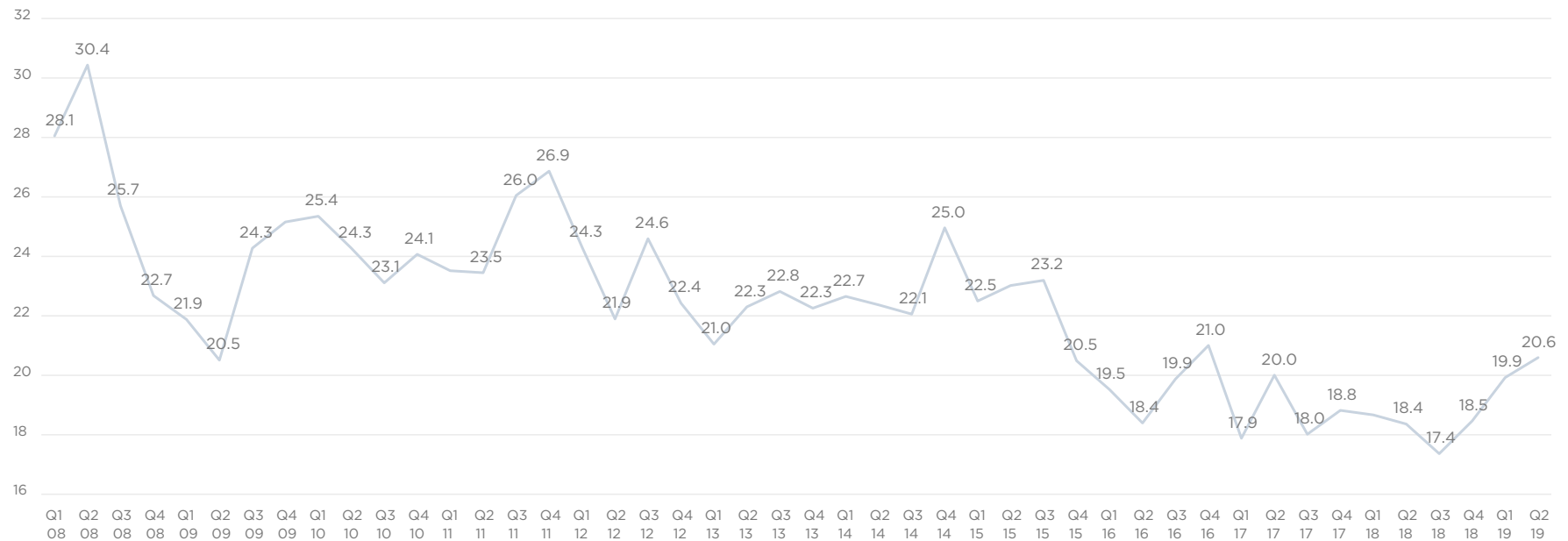




REAL ESTATE

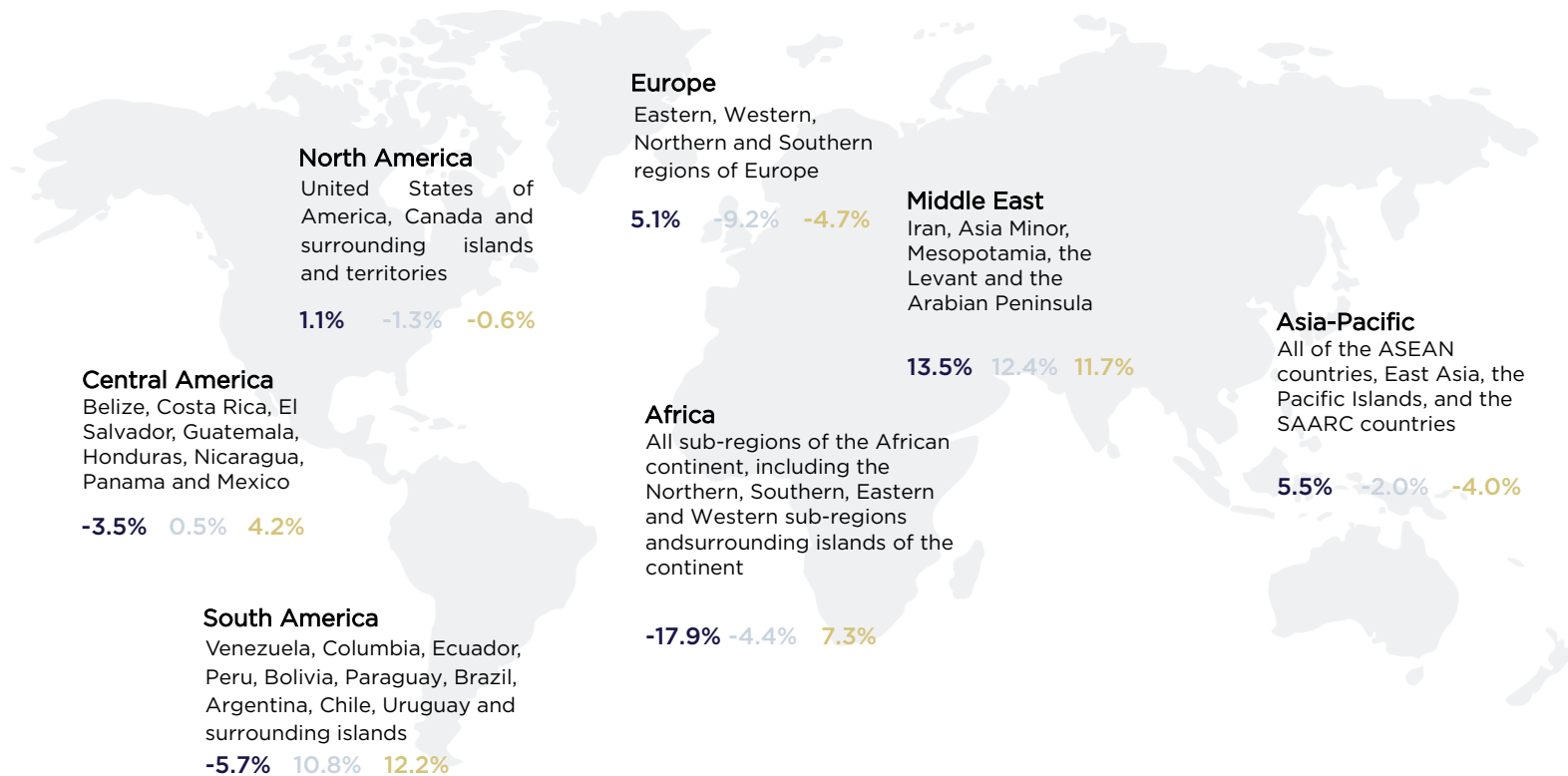
QoQ 3.4% **YoY 12.2%** **YTD 9.4%**

Companies that consist of land and building ownership and companies involved in the buying, selling, or leasing of retail or personal properties.



Q2 2019 FLIGHT HOUR ACTIVITY BY REGION

● QoQ ● YoY ● YTD



Africa

Asia-Pacific

Central America

Europe

Middle East

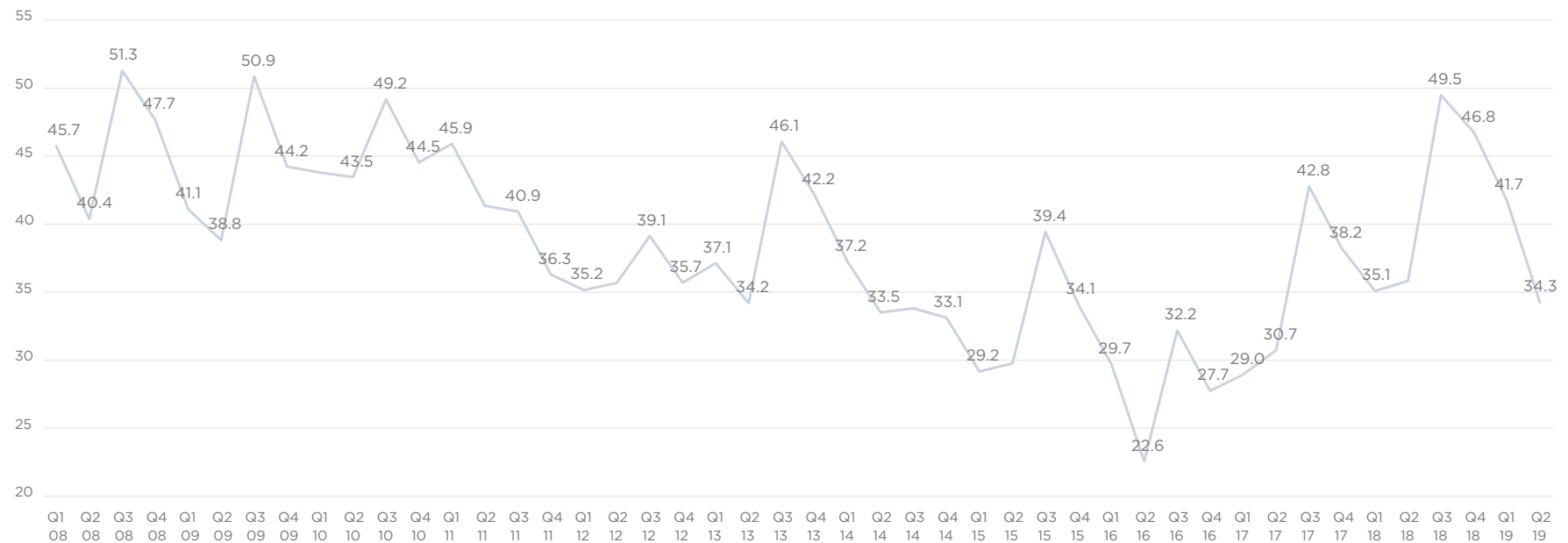
North America

South America

AFRICA

QoQ -17.9% YoY -4.4% YTD 7.3%

All sub-regions of the African continent, including the Northern, Southern, Eastern and Western sub-regions and surrounding islands of the continent



Africa

Asia-Pacific

Central America

Europe

Middle East

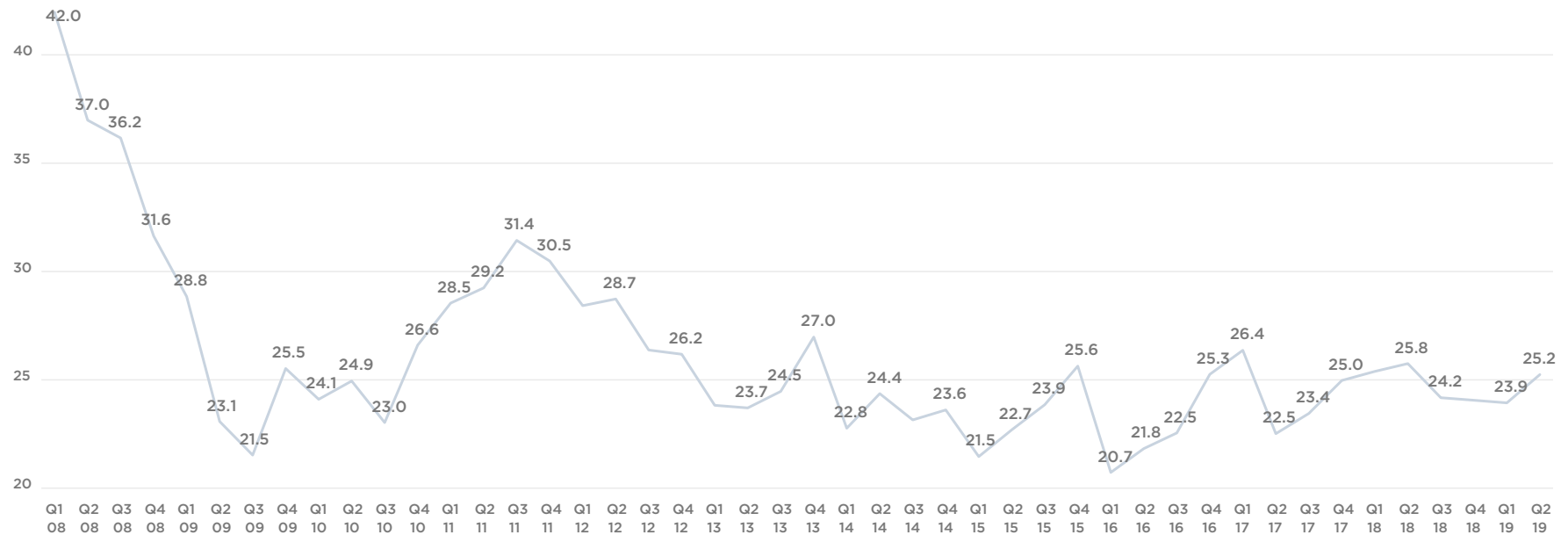
North America

South America

ASIA-PACIFIC

QoQ 5.5% YoY -2.0% YTD -4.0%

All of the ASEAN countries,
East Asia, the Pacific Islands,
and the SAARC countries



Africa

Asia-Pacific

Central America

Europe

Middle East

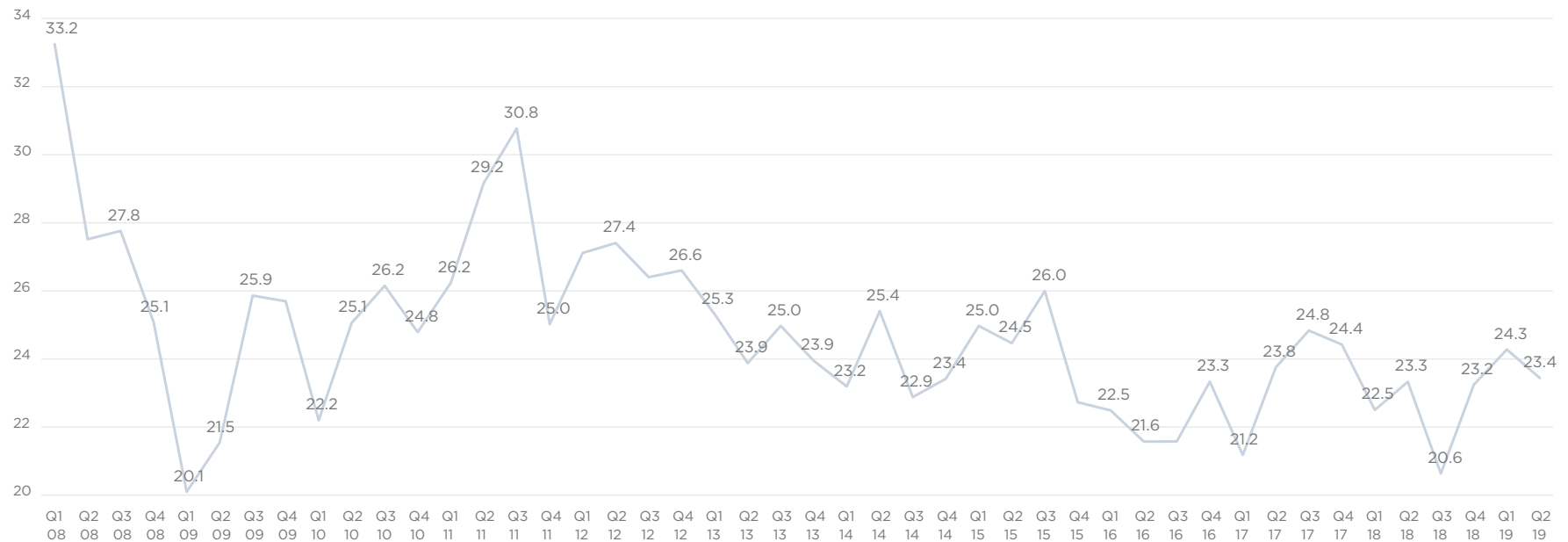
North America

South America

CENTRAL AMERICA

Belize, Costa Rica, El Salvador,
Guatemala, Honduras, Nicaragua,
Panama and Mexico

QoQ -3.5% **YoY 0.5%** **YTD 4.2%**



Africa

Asia-Pacific

Central America

Europe

Middle East

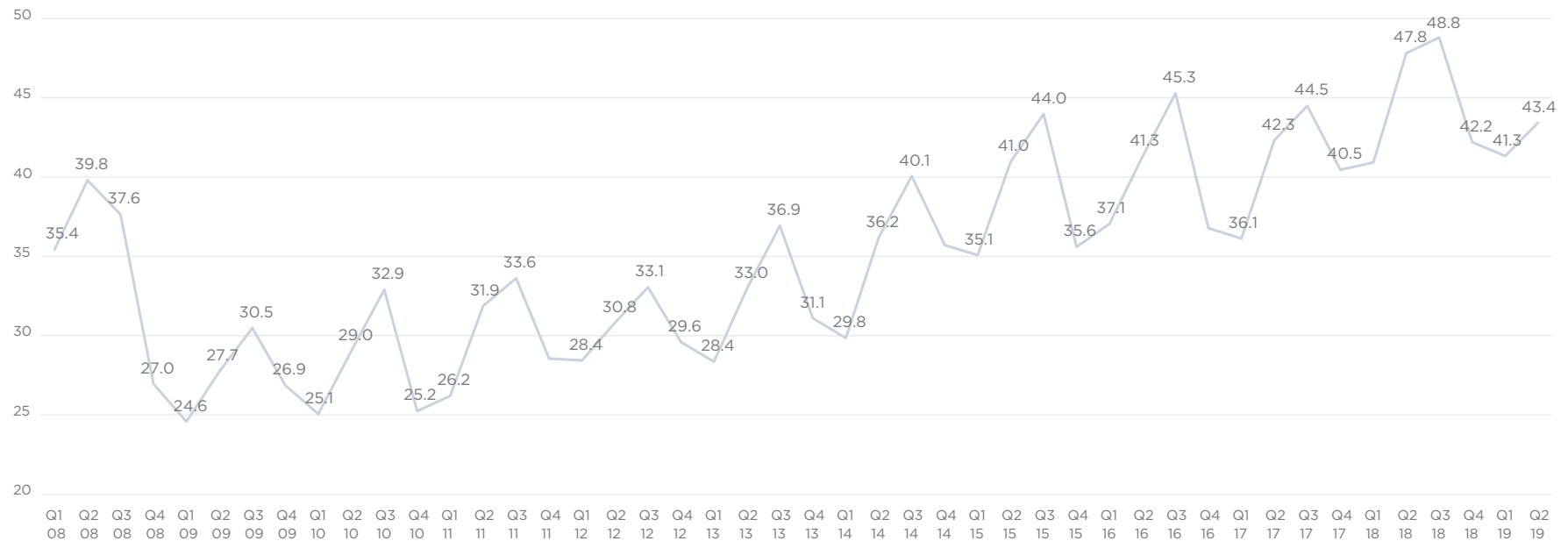
North America

South America

EUROPE

Eastern, Western, Northern and Southern regions of Europe

QoQ 5.1% **YoY -9.2%** **YTD -4.7%**



Africa

Asia-Pacific

Central America

Europe

Middle East

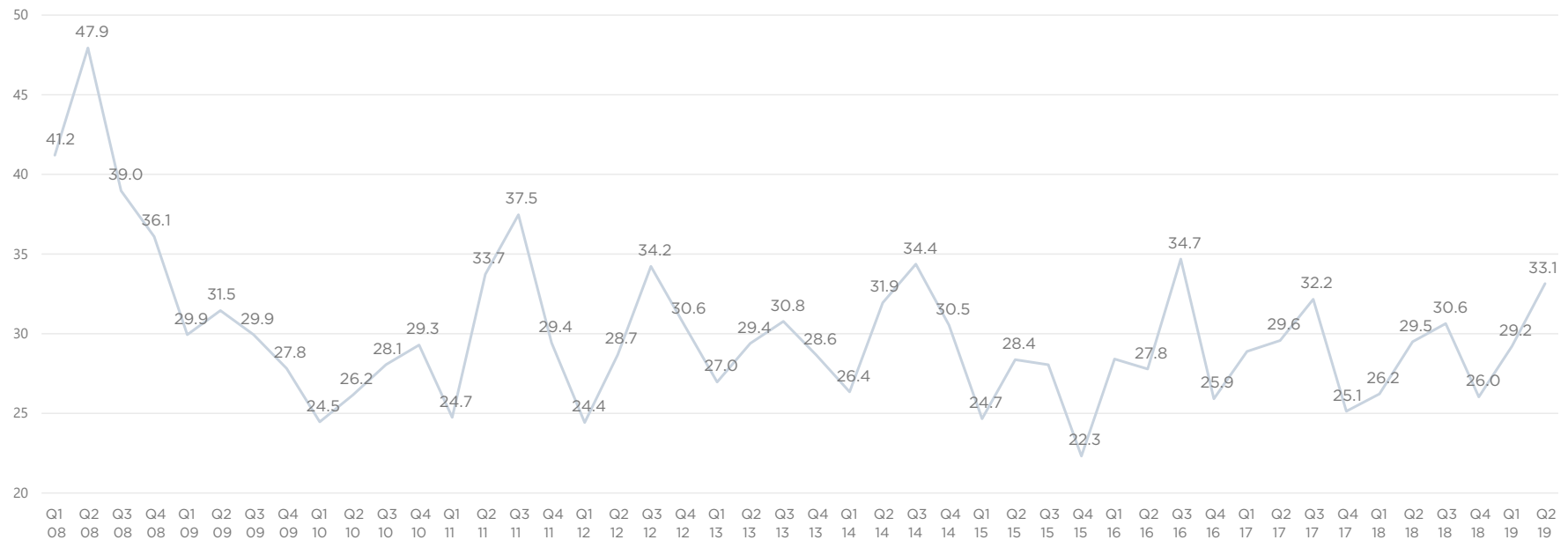
North America

South America

MIDDLE EAST

Iran, Asia Minor, Mesopotamia,
the Levant and the Arabian
Peninsula

QoQ 13.5% **YoY 12.4%** **YTD 11.7%**



Africa

Asia-Pacific

Central America

Europe

Middle East

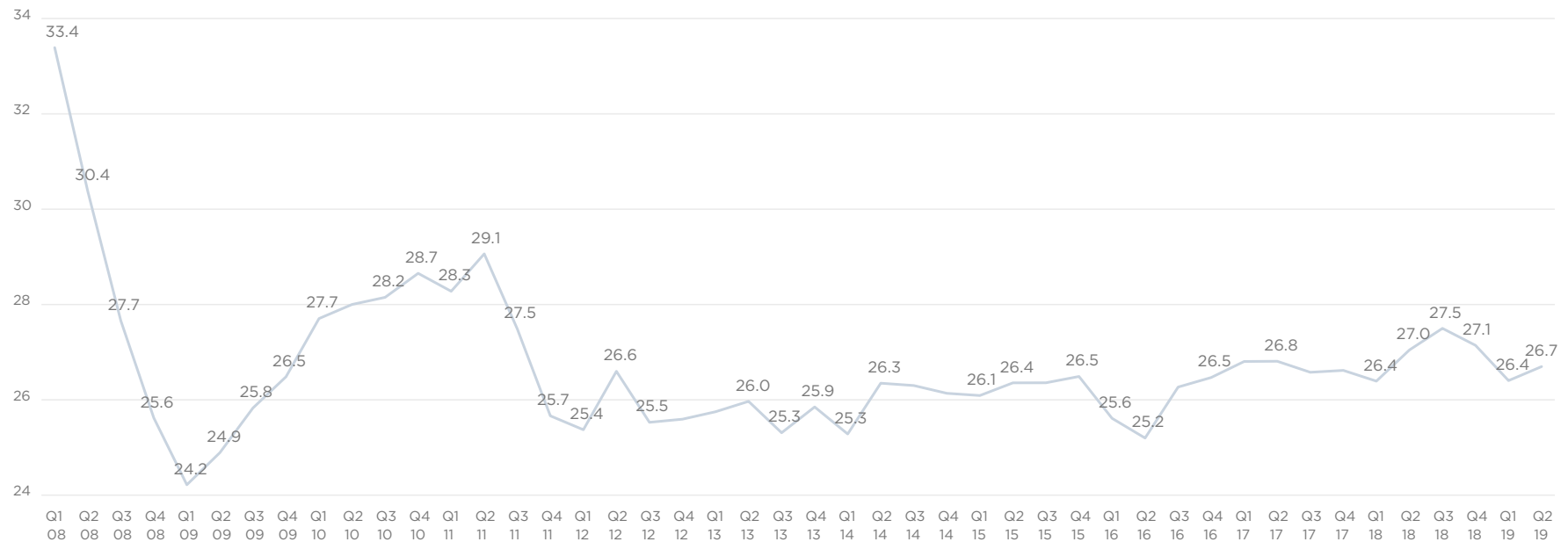
North America

South America

NORTH AMERICA

United States of America,
Canada and surrounding islands
and territories

QoQ 1.1% YoY -1.3% YTD -0.6%



Africa

Asia-Pacific

Central America

Europe

Middle East

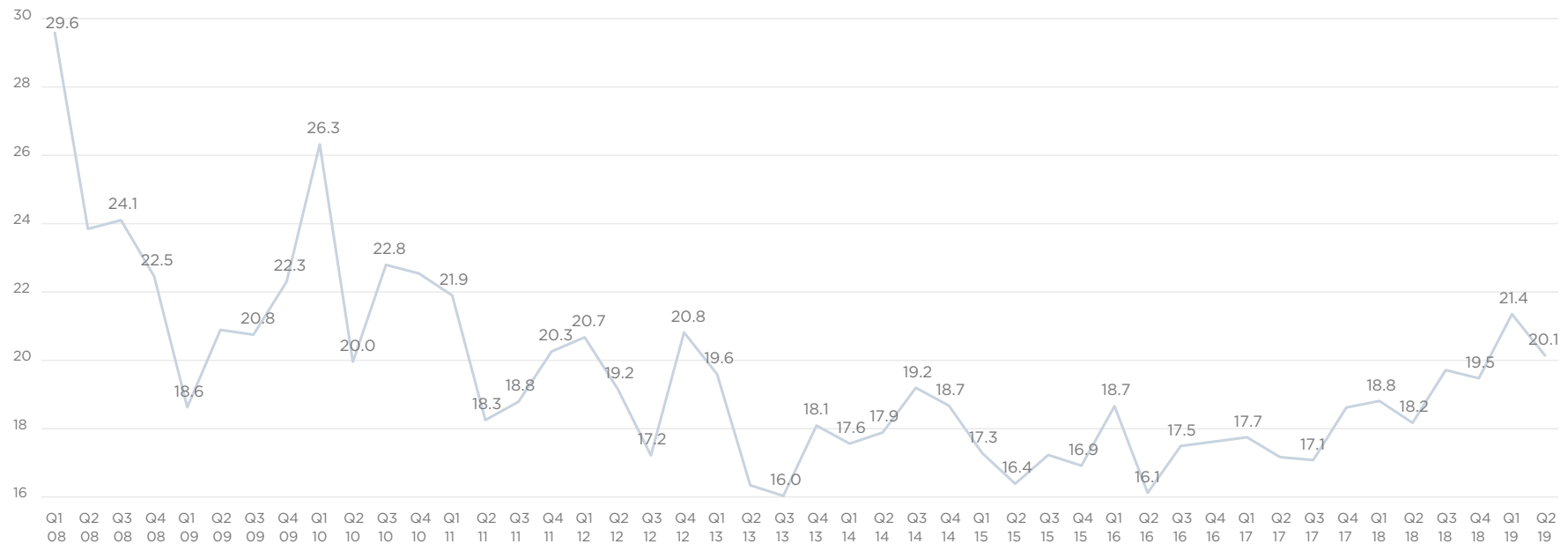
North America

South America

SOUTH AMERICA

QoQ -5.7% YoY 10.8% YTD 12.2%

Venezuela, Columbia, Ecuador, Peru, Bolivia, Paraguay, Brazil, Argentina, Chile, Uruguay and surrounding islands



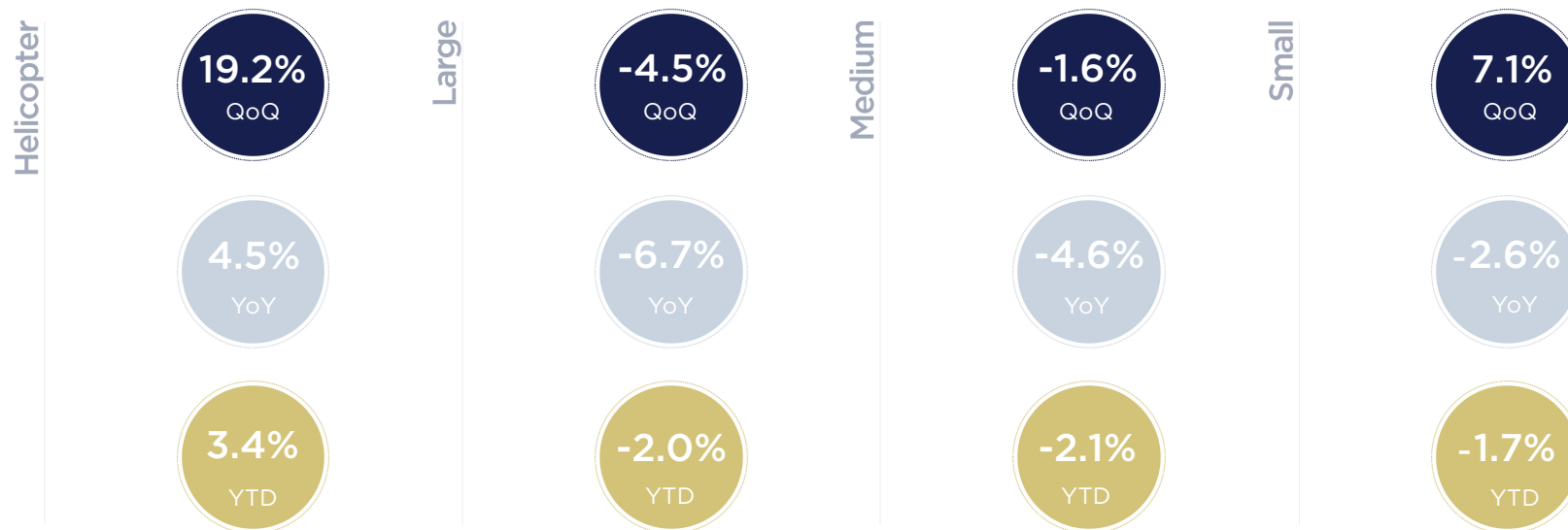
Q2 2019 FLIGHT HOUR ACTIVITY BY AIRCRAFT TYPE

Helicopter - This aircraft type leverages rotors to supply lift and can take off and land vertically. The aircraft's attributes allow it to hover, fly forward and laterally, and operate in areas and regions where fixed-wing aircraft cannot.

Large Cabin - This aircraft type is classified as any aircraft with a maximum take-off weight of 38,000 pounds or greater.

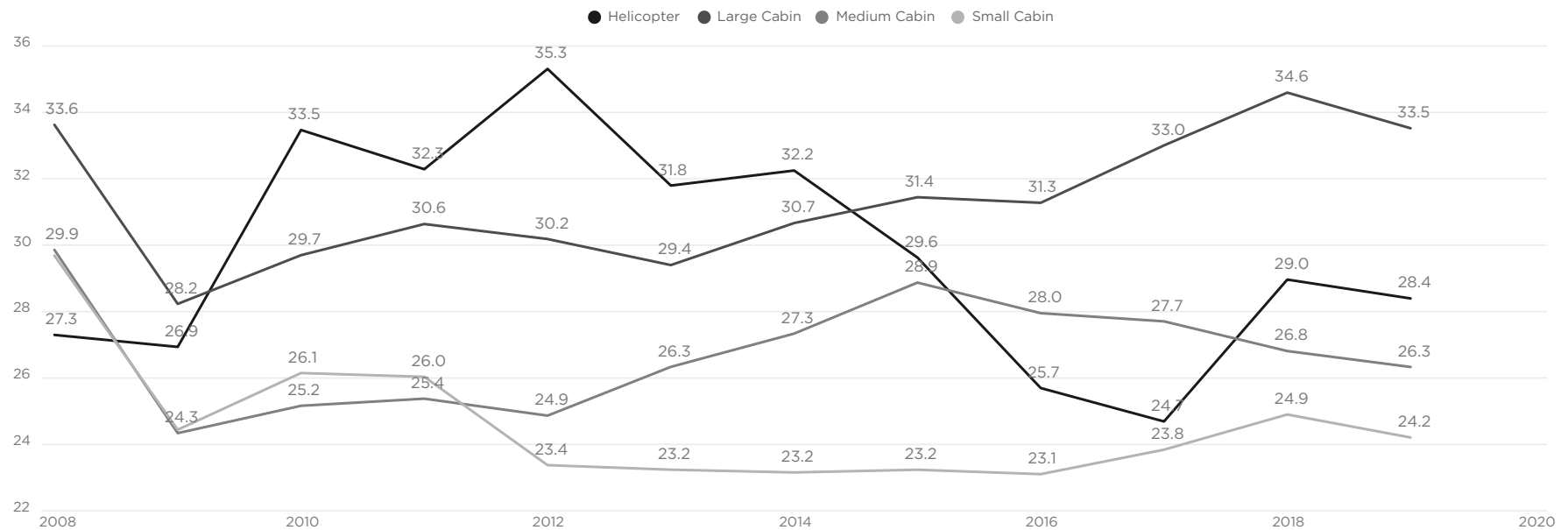
Medium Cabin - This aircraft type is classified as any aircraft with a maximum take-off weight between 20,000-38,000 pounds.

Small Cabin - This aircraft type is classified as any aircraft with a maximum take-off weight below 20,000 pounds.

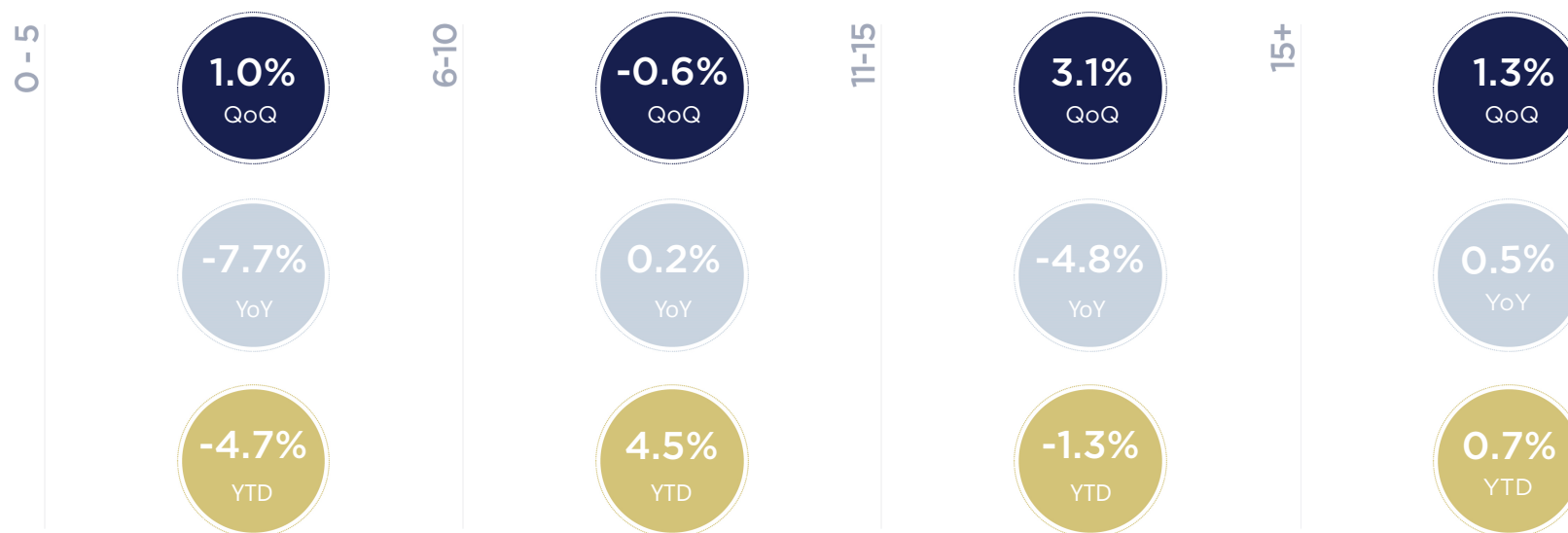


AVERAGE FLIGHT HOURS BY AIRCRAFT TYPE

QoQ 0.8% YoY -4.2% YTD -1.4%

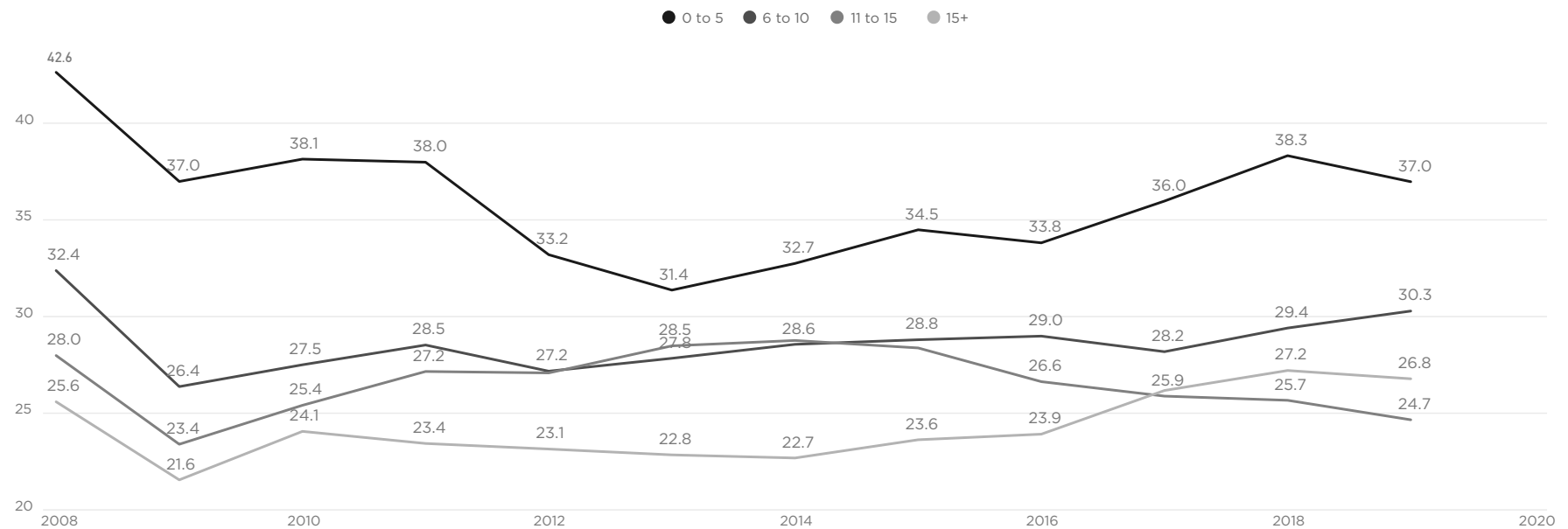


Q2 2019 FLIGHT HOUR ACTIVITY BY AIRCRAFT AGE



AVERAGE FLIGHT HOURS BY AIRCRAFT AGE

QoQ 1.0% YoY -3.2% YTD -0.7%



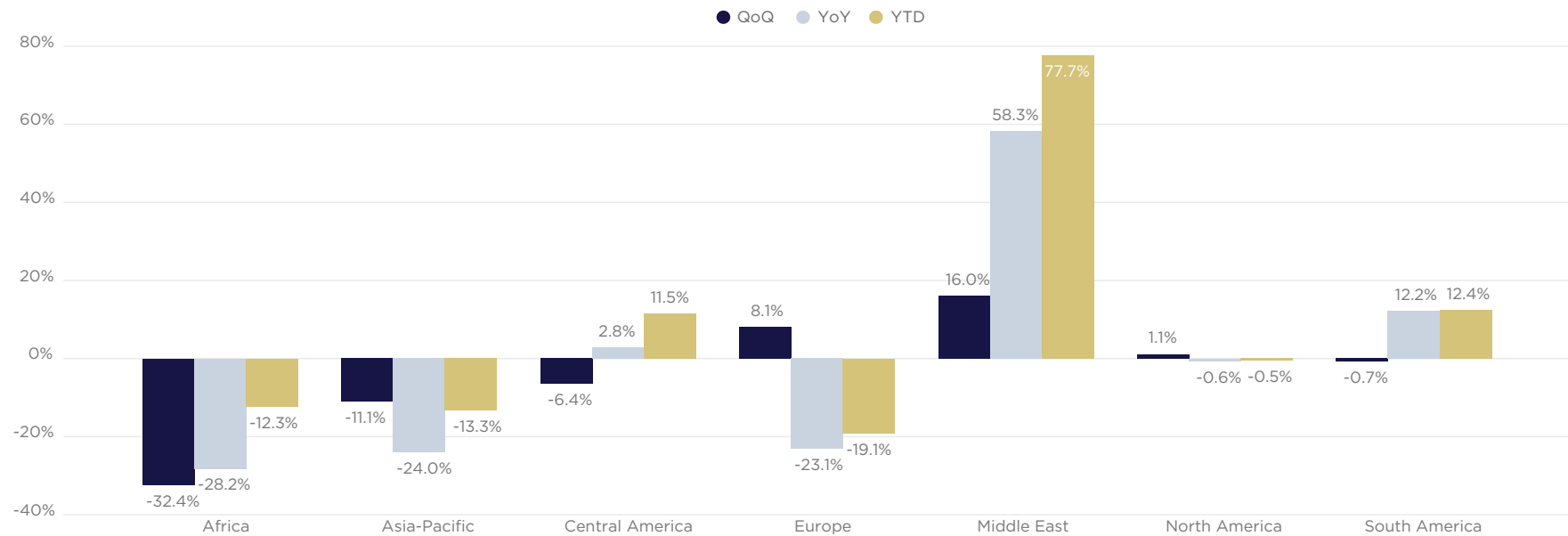
Part 91

Part 135

Q2 2019 FLIGHT PROFILE BY REGION (PART 91)

FAR Part 91 operators follow regulations defined by the U.S. Federal Aviation Administration (FAA) for operation of aircraft. FAR Part 91 governs the operation of non-commercial aircraft.

QoQ -0.5% YoY -1.5% YTD -0.2%



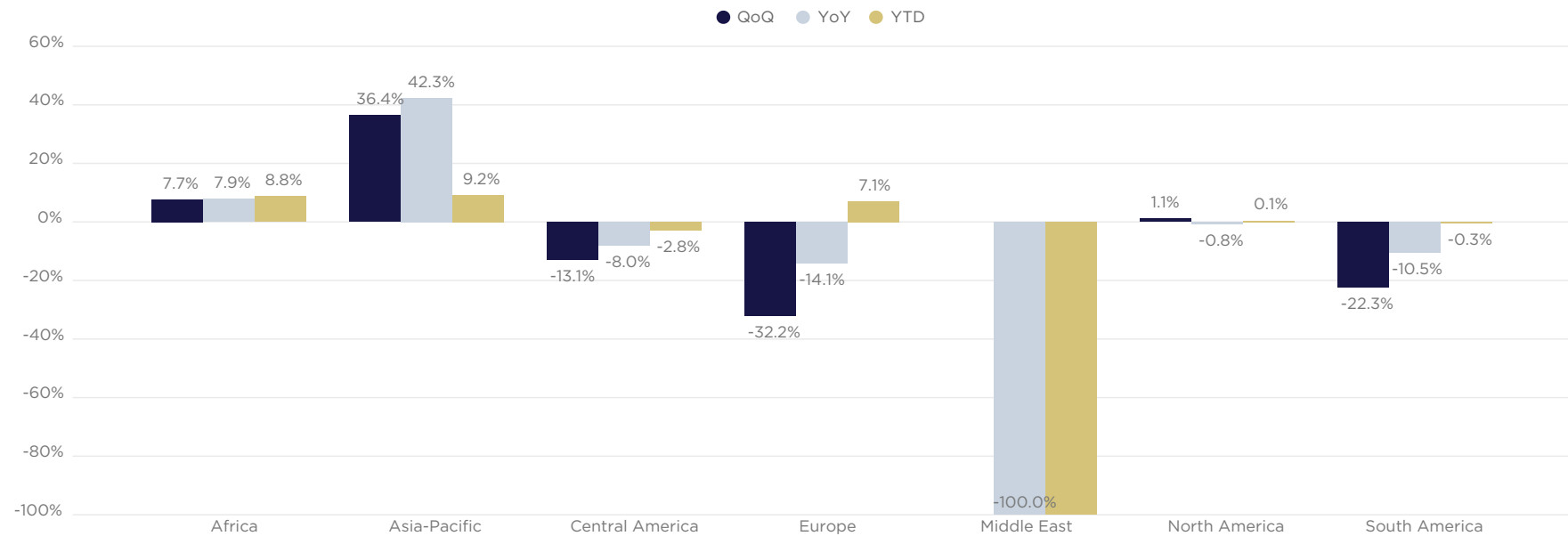
Part 91

Part 135

Q2 2019 FLIGHT PROFILE BY REGION (PART 135)

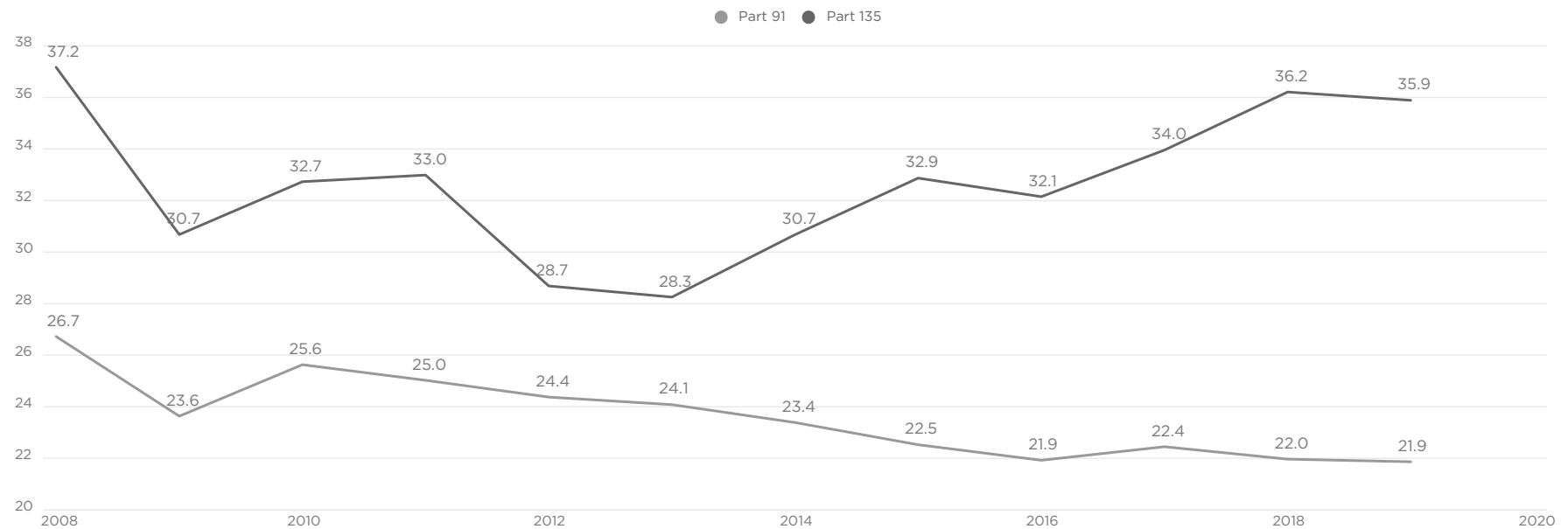
QoQ -1.8% YoY -0.5% YTD 1.3%

FAR Part 135 operators follow regulations defined by the U.S. Federal Aviation Administration (FAA) for operation of aircraft. FAR Part 135 governs certain types of commercial aircraft, such as non-scheduled charter and air-taxi operations.



AVERAGE FLIGHT HOURS BY FLIGHT PROFILE

QoQ -1.5% YoY -1.5% YTD 0.2%





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Comprehensive, flexible and affordable financial tools for managing often unpredictable helicopter operating costs.



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Access a vast inventory of aircraft parts, engines and APUs and a global vendor network to source assets for anything that flies.

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Conklin & deDecker

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Make more informed decisions when dealing with the purchase, operation and disposition of aircraft with the trusted expertise of the industry leader in aircraft research, consulting and education.



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