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Local Consumer Commerce

November 2017

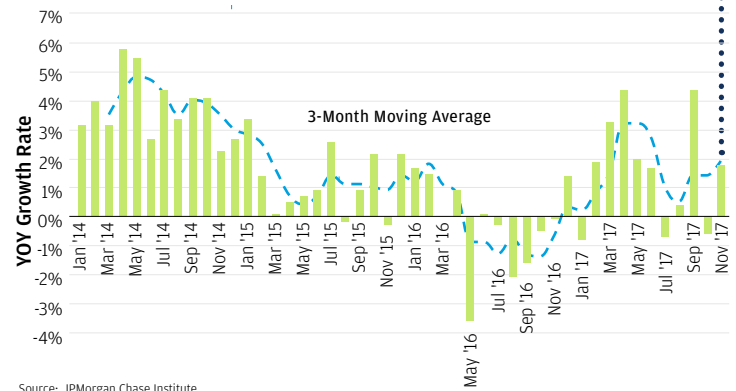


DATA THROUGH
NOV 2017

↑1.8%

Highlights across all 14 metro areas

Local Consumer Commerce grew by 1.8 percent between November 2016 and November 2017, rebounding from the negative growth registered in October 2017. Of the 14 metro areas we track, only the Atlanta and Chicago metro areas experienced negative year-over-year growth in November 2017.¹ Younger consumers continued to contribute to growth, while older consumers subtracted from growth. Lower income consumers made strong contributions to growth, while growth contributions from consumers in the top income quintile remained flat. Growth contributions were positive regardless of consumer location relative to the merchant.



About the Local Consumer Commerce Index

A measure of consumer spending. The LCCI is a measure of the monthly year-over-year growth rate of everyday debit and credit card spending across 14 US metro areas.

A unique lens. The LCCI is constructed from over 24 billion anonymized credit and debit card transactions from over 64 million Chase customers. Unlike many existing sources of data on consumer spending, the LCCI captures actual transactions, instead of self-reported measures of how consumers think they spend. The LCCI's geographically specific data provide a granular and timely view of how cities and their surrounding metro areas are faring on a monthly basis. The index also captures economic activity in consumer facing retail and services sectors that previously have not been well understood by other data sources. These include activities in sectors such as food trucks, new businesses, and personal services.

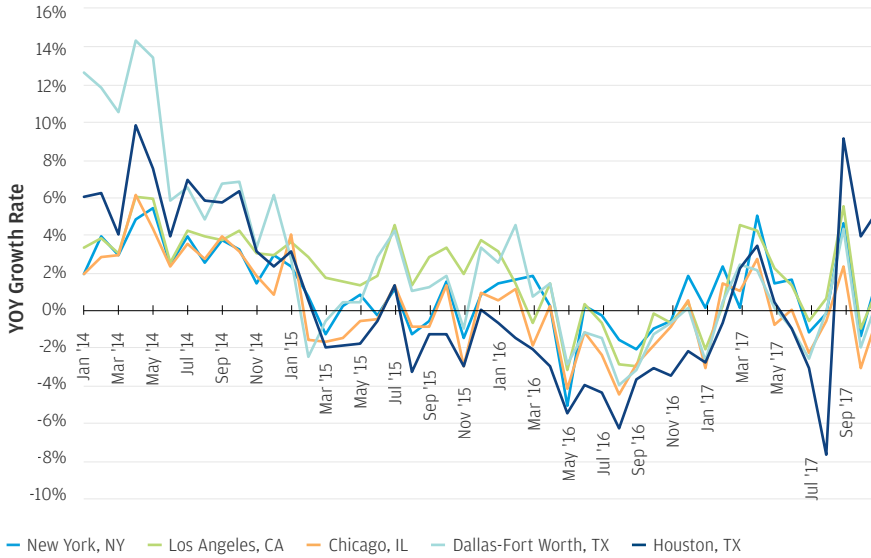
Our sample. The LCCI measures everyday spending across 14 metro areas: Atlanta, Chicago, Columbus, Dallas-Fort Worth, Denver, Detroit, Houston, Miami, Los Angeles, New York, Phoenix, Portland (OR), San Diego, and San Francisco. Our portfolio of metro areas mirrors the geographic and economic diversity of larger metropolitan areas in the United States and accounts for 30 percent of retail sales nationwide.

A powerful tool. The LCCI is a powerful tool for city development officials, businesses and investors, and statistical agencies to better understand the everyday economic health of consumers, businesses, and the places they care about.



Spending by Metro Area

Largest Metro Areas



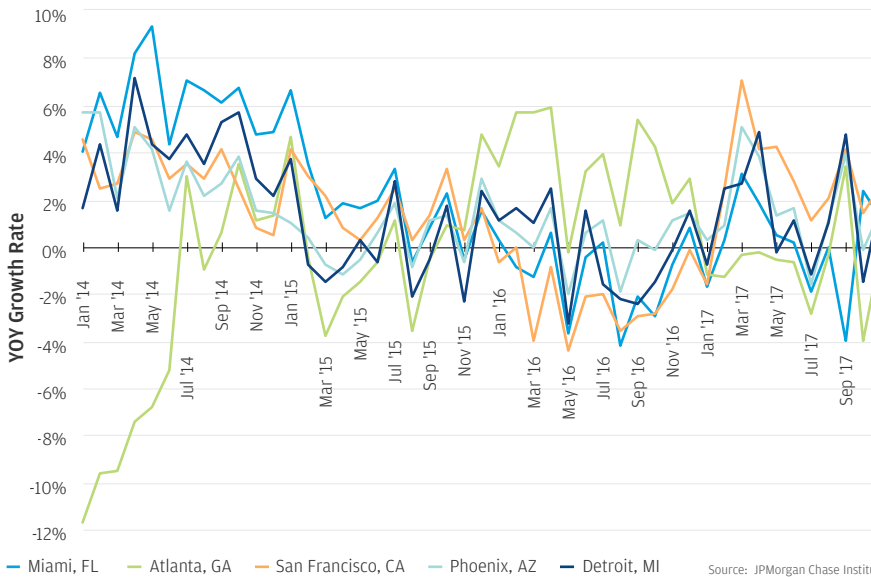
Houston: Spending at Houston area merchants grew 5.5 percent year-over-year in November 2017. For the third month in a row, the Houston region posted the highest year-over-year growth rate among the large metro areas

Chicago: Chicago experienced a spending decline of 0.1 percent year-over-year in November 2017, the lowest growth rate among the large metro areas.

On average, local spending among large metro areas grew by 1.9 percent year-over-year in November 2017.

Source: JPMorgan Chase Institute

Mid-Sized Metro Areas



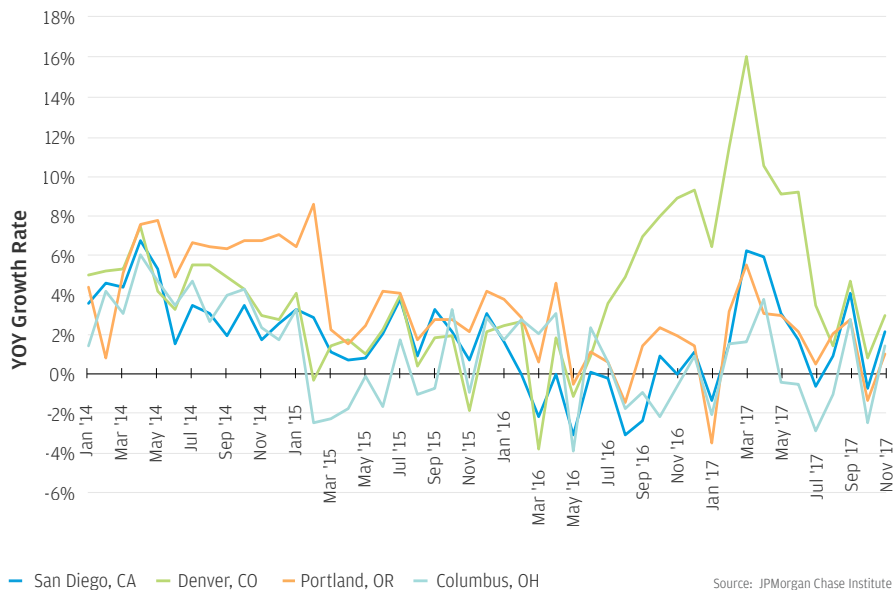
Miami: Two months following Hurricane Irma, spending in the Miami metropolitan region grew 1.3 percent year-over-year in November 2017.

Atlanta: Spending in the Atlanta region declined 0.1 percent year-over-year in November 2017, the lowest growth rate among the mid-sized metro areas.

On average, local spending among mid-sized metro areas grew by 1.5 percent year-over-year in November 2017.

Source: JPMorgan Chase Institute

Smaller Metro Areas



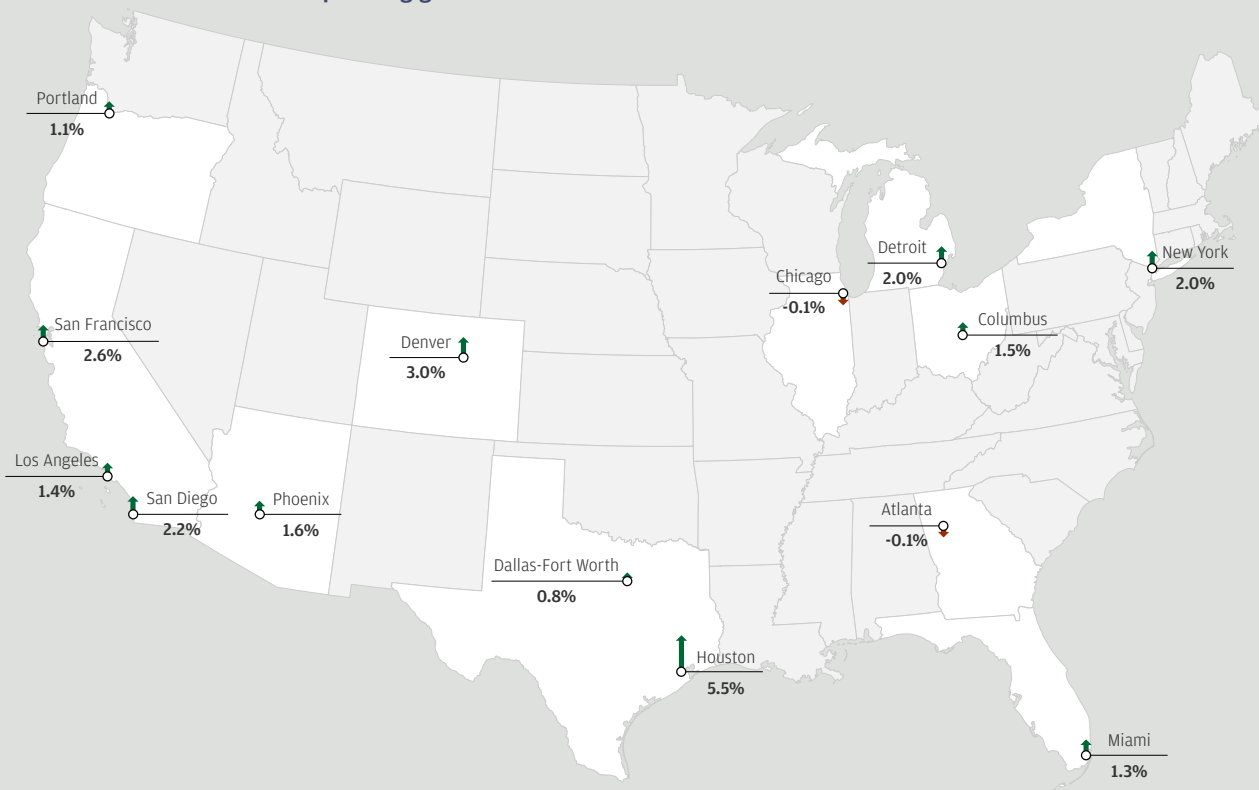
Denver: Local spending in Denver grew by 3.0 percent year-over-year in November 2017, the highest growth rate among the small metro areas.

Portland: Spending at Portland merchants grew by 1.1 percent year-over-year in November 2017, the lowest growth rate among the small metro areas.

On average, local spending among the small metro areas grew by 2.0 percent year-over-year in November 2017.

Source: JPMorgan Chase Institute

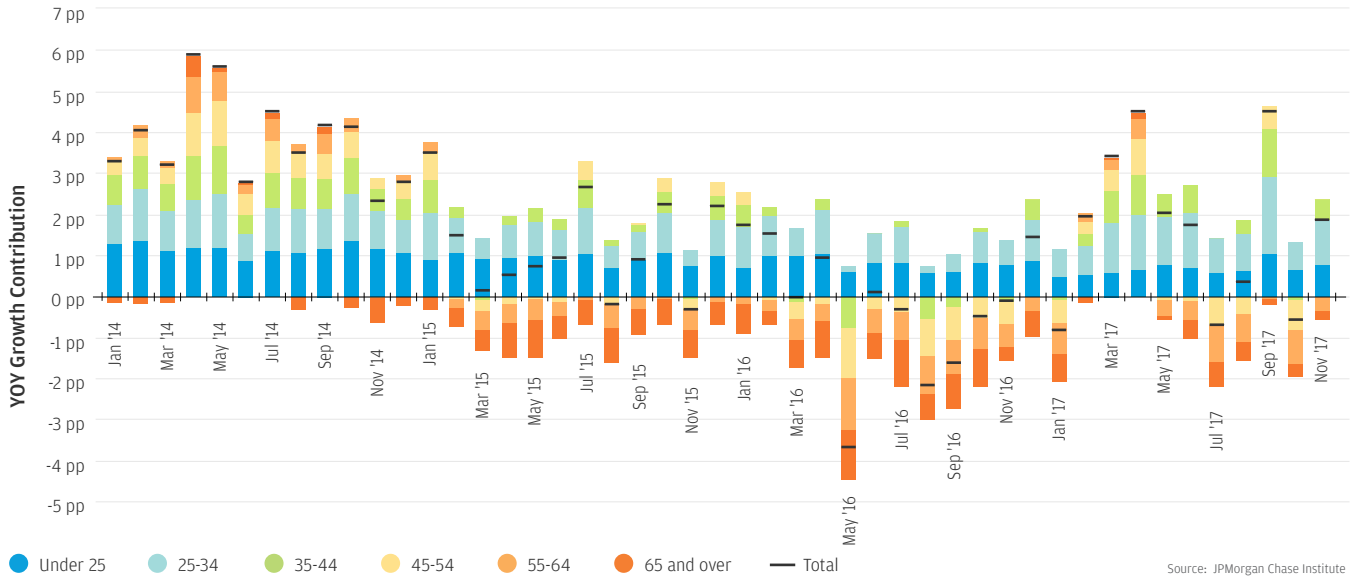
Spending growth across 14 metro areas in November 2017





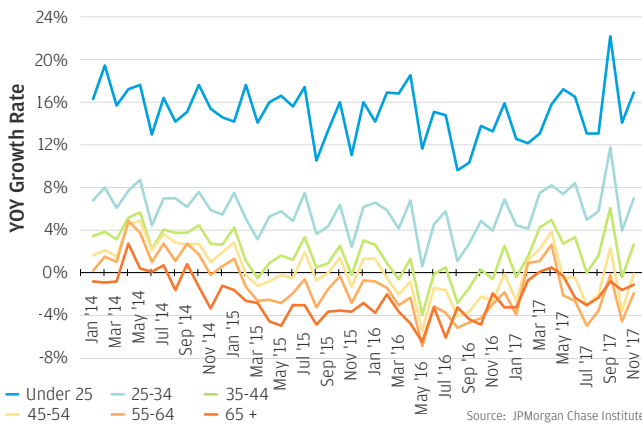
Spending by Age

Growth Contributions by Age Group



Source: JPMorgan Chase Institute

Growth Rates by Age Group



Source: JPMorgan Chase Institute

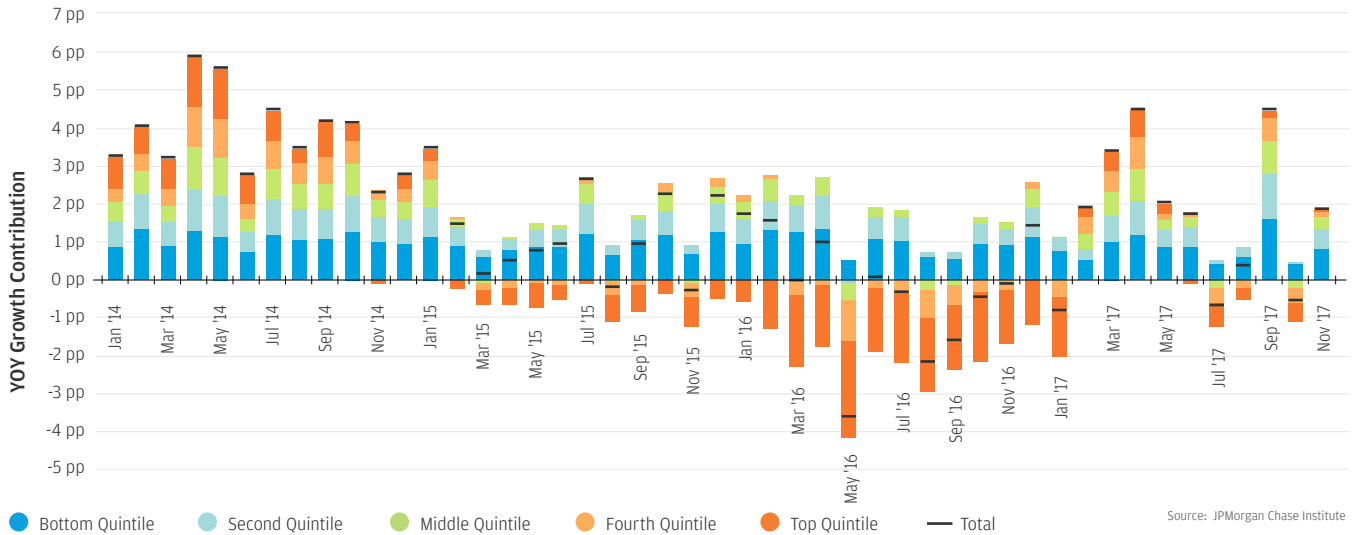
Millennials: Consumers under 35 contributed 1.9 percentage points to year-over-year growth in November 2017, with consumers under 25 contributing 0.8 percentage points to growth and consumers between 25 and 34 contributing 1.1 percentage points to growth.

Older Consumers: Consumers 55 and over subtracted 0.5 percentage points from year-over-year growth in November 2017, with consumers between 55 and 64 subtracting 0.3 percentage points from growth and consumers 65 and over subtracting 0.2 percentage points from growth.



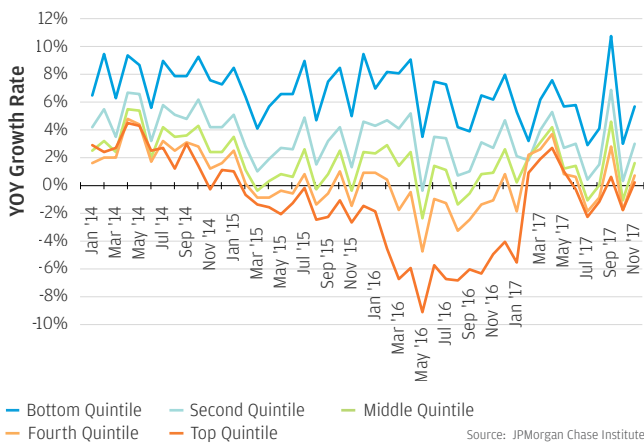
Spending by Income

Growth Contributions by Income Quintile



Source: JPMorgan Chase Institute

Growth Rates by Income Quintile



Source: JPMorgan Chase Institute

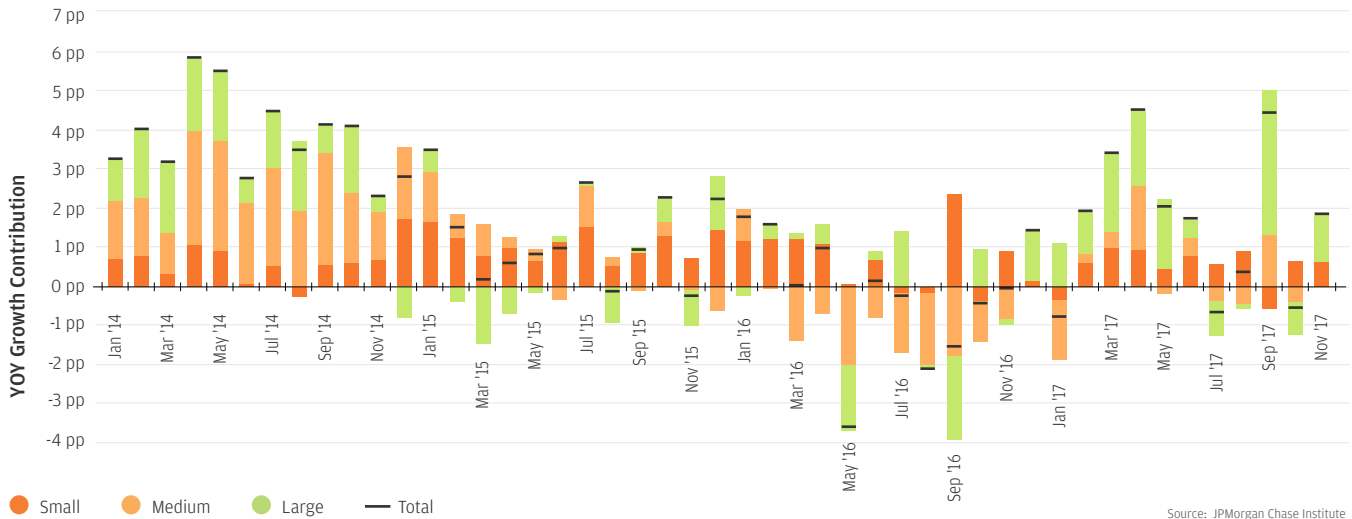
Low Income Consumers: Consumers in the bottom income quintile contributed 0.8 percentage points to year-over-year growth in November 2017, the largest growth contribution among all income quintiles.

High Income Consumers: Growth contributions from consumers in the highest income quintile remained flat in November 2017.



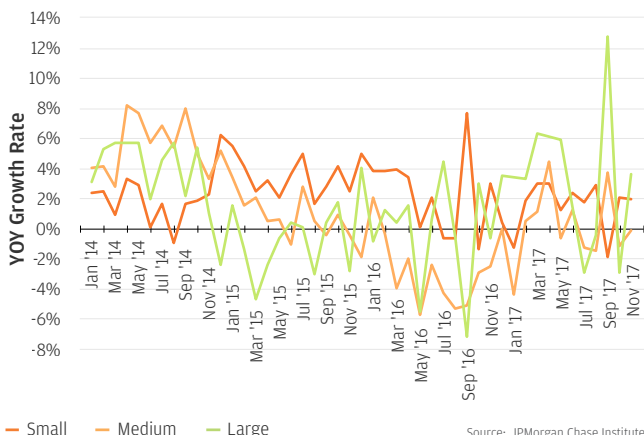
Spending by Size of Business

Growth Contributions by Size of Business



Source: JPMorgan Chase Institute

Growth Rates by Size of Business



Source: JPMorgan Chase Institute

Small Businesses: Small businesses contributed 0.6 percentage points to year-over-year growth in November 2017.

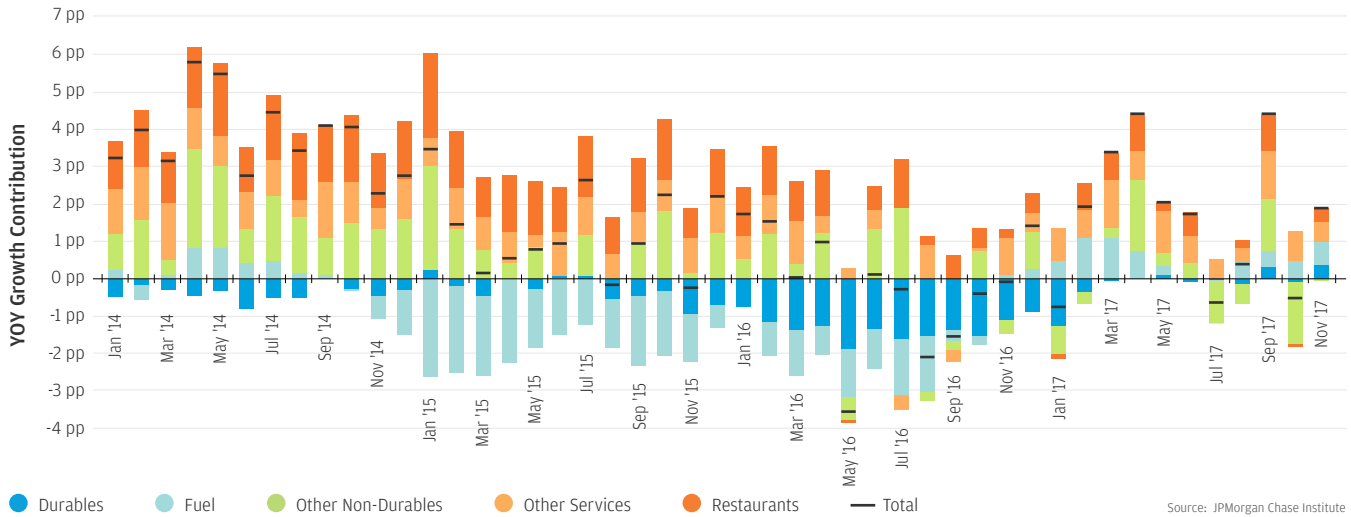
Mid-Sized Businesses: Contributions from mid-sized businesses remained flat in November 2017.

Large Businesses: Large businesses contributed 1.2 percentage points to year-over-year growth in November 2017.



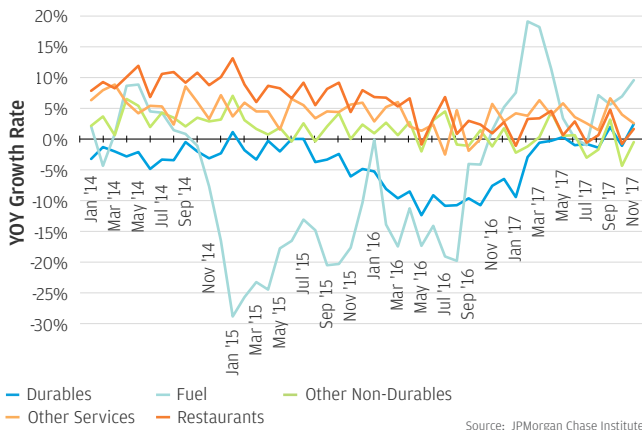
Spending by Product Type

Growth Contributions by Product Type



Source: JPMorgan Chase Institute

Growth Rates by Product Type



Source: JPMorgan Chase Institute

Durables: Durable goods contributed 0.4 percentage points to year-over-year growth in November 2017.

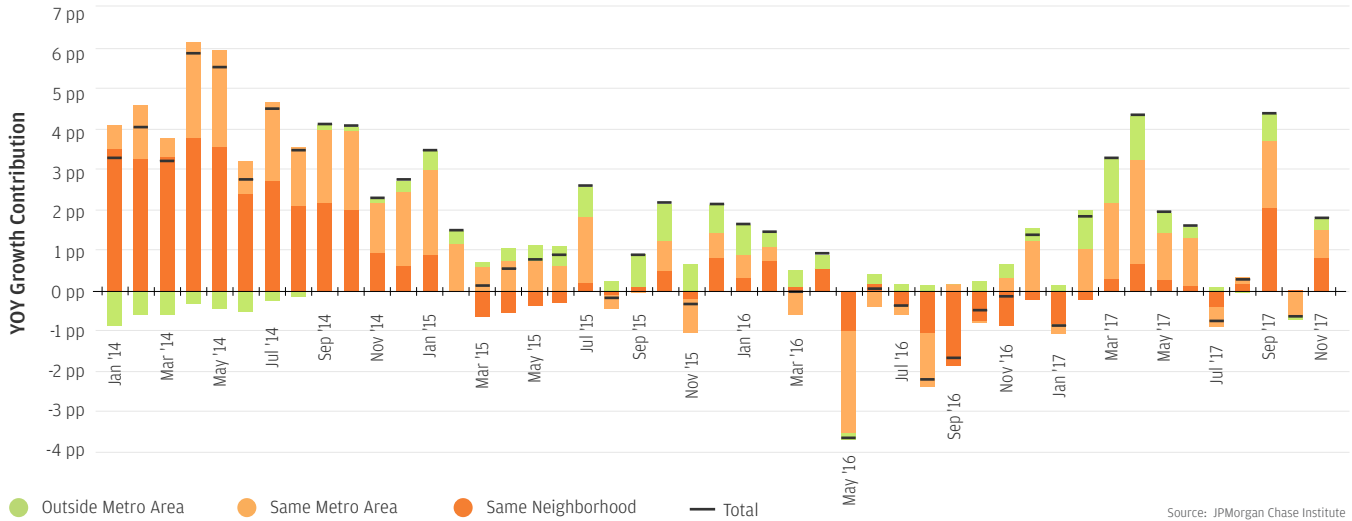
Non-durables: Spending on non-durable goods remained flat year-over-year in November 2017.

Other Services: Spending on other services contributed 0.5 percentage points to year-over-year growth in November 2017, the largest growth contribution of any product type.



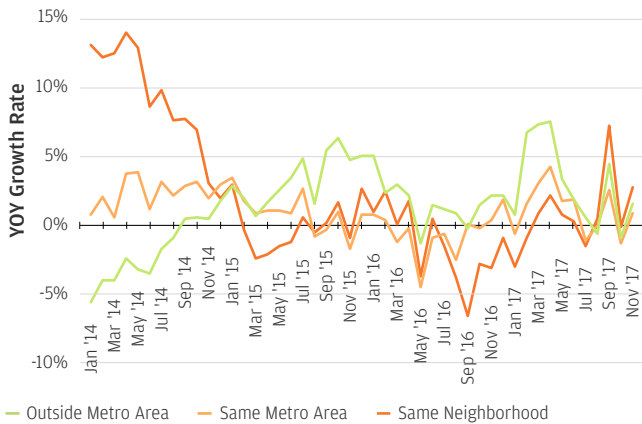
Spending by Consumer Residence

Growth Contributions by Consumer Residence



Source: JPMorgan Chase Institute

Growth Rates by Consumer Residence



Source: JPMorgan Chase Institute

Same Neighborhood: Spending from consumers who reside in the same neighborhood as the merchant contributed 0.8 percentage points to year-over-year growth in November 2017.

Same Metro Area: Spending by consumers in the same metro area as the merchant (but not the same neighborhood) contributed 0.7 percentage points to growth in November 2017.

Outside Metro Area: Out of metro area spend contributed 0.3 percentage points to year-over-year growth in November 2017.

Measuring Local Consumer Commerce

Local consumer commerce is the everyday spending of individuals on goods and services that impacts a local community. We observe local consumer commerce through the credit- and debit-card transactions of JPMorgan Chase customers for which we can establish a geographic location. This approach shares some conceptual similarities with other established measures (for example, the U.S. Census Bureau Monthly Retail Trade Survey and the U.S. Census Bureau Quarterly Services Survey), but differs in several significant ways.

In particular, our card-based perspective captures another important sector of commerce: spending at non-employer businesses, new businesses, and other small businesses that are often difficult to reach through establishment surveys. Moreover, in addition to restaurant spending observed by other data sources, our approach captures spending on a wide range of individual consumption-oriented services, including the barber and beauty shops, doctors and dentists, hotels, gyms, and local transportation providers that play a significant role in local economies.

Our card-based approach offers a detailed view of the types of products consumers purchase. However, this view does not capture spending by consumers through cash, checks, electronic transfers, or purchase orders. Importantly, the extent to which consumers use credit and debit cards to purchase services and goods varies significantly across product categories. In particular, differences in payment methods by product type lead us to a different perspective on the consumption of durable goods.

We classify firms as small, medium, or large based on market share calculated from transaction data and external Census and Small Business Administration (SBA) data. Firms with more than 8 percent market share are classified as large, and firms that qualify for SBA loans are classified as small. All other firms are considered medium.

For additional details on the construction of the data asset, see the online methodological appendix. The website also contains all of the data presented in this update, including the growth rate, share of spend, and growth contribution for each metro area by consumer age, income quintile, consumer residence relative to the business, product type, and business size.

Acknowledgements

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Endnotes

- 1 Starting in August 2017, the Local Consumer Commerce Index readjusted its geographic scope to 14 metro areas, omitting Seattle. This decision was driven by a desire to streamline our lens to focus on local transactions, and due to merchant-specific transaction data changes.

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