Overview
Research Services

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We tell data stories

• What’s the question?
• What’s the data?
• What’s the context?
• What’s the story?

All driving toward helping you answer, “What should we do?”
The metropolitan Kansas City’s population is becoming more and more a region of all ages – where all groups are represented relatively equally.

Population Change by age and gender comparison, 1990–2030
On net, the region is losing population to the sunbelt and other retirement locations.
The region is currently more attractive to children and younger adults than older adults.
KC Metro Building Permits

75% of what we build is for 22% of the market
Access to Jobs by Transit/Walking from Highway 7 and Mize Rd.

Number of Workers by Job Location:
- 1
- 5
- 10

Worker Residence
30-min. Transit Trip
60-min. Transit Trip

2014 U.S. Census LEHD Employment Data. Jobs displayed are limited to those worked by residents of orange area. Sample transit trip is a 7 to 9 a.m. weekday trip.
## What We Do – Industries

<table>
<thead>
<tr>
<th>Industry</th>
<th>Industry Location Quotient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finance and Insurance</td>
<td>1.6</td>
</tr>
<tr>
<td>Professional, Scientific, and Technical Services</td>
<td>1.3</td>
</tr>
<tr>
<td>Transportation and Warehousing</td>
<td>1.2</td>
</tr>
<tr>
<td>Utilities</td>
<td>1.2</td>
</tr>
<tr>
<td>Wholesale Trade</td>
<td>1.1</td>
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<tr>
<td>Arts, Entertainment, and Recreation</td>
<td>1.0</td>
</tr>
<tr>
<td>Administrative and Support</td>
<td>1.0</td>
</tr>
<tr>
<td>Other Services (except Public Administration)</td>
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</tr>
<tr>
<td>Health Care and Social Assistance</td>
<td>0.9</td>
</tr>
<tr>
<td>Retail Trade</td>
<td>0.9</td>
</tr>
<tr>
<td>Real Estate and Rental and Leasing</td>
<td>0.8</td>
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<tr>
<td>Information</td>
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<tr>
<td>Accommodation and Food Services</td>
<td>0.8</td>
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<tr>
<td>Construction</td>
<td>0.8</td>
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<tr>
<td>Public Administration</td>
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</tr>
<tr>
<td>Educational Services</td>
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</tr>
<tr>
<td>Manufacturing</td>
<td>0.8</td>
</tr>
<tr>
<td>Agriculture, Forestry, Fishing and Hunting</td>
<td>0.5</td>
</tr>
<tr>
<td>Mining, Quarrying, and Oil and Gas Extraction</td>
<td>0.3</td>
</tr>
</tbody>
</table>
Educational Attainment vs. Productivity
By Peer Metro Areas

Population (25+) with at least a Bachelor's Degree

GDP per Employee
Earnings and Unemployment Rates by Educational Attainment

Earnings and unemployment rates by educational attainment, 2015

- **Doctoral degree**: Median usual weekly earnings $1,623, Unemployment rate 1.7%
- **Professional degree**: Median usual weekly earnings $1,730, Unemployment rate 1.5%
- **Master's degree**: Median usual weekly earnings $1,341, Unemployment rate 2.4%
- **Bachelor's degree**: Median usual weekly earnings $1,137, Unemployment rate 2.8%
- **Associate's degree**: Median usual weekly earnings $798, Unemployment rate 3.8%
- **Some college, no degree**: Median usual weekly earnings $738, Unemployment rate 5.0%
- **High school diploma**: Median usual weekly earnings $678, Unemployment rate 5.4%
- **Less than a high school diploma**: Median usual weekly earnings $493, Unemployment rate 8.0%

All workers: $860, Unemployment rate 4.3%

Educational Attainment Gap

Population 25+ Associate's Degree or Greater

- Total: 42.0%
- White Non-Hispanic: 45.0%
- Black-African American: 25.0%
- Hispanic: 20.0%

Source: US Census Bureau, ACS 2014 1-Year
STEM as a Percent of all Bachelor’s Degrees

Percent of Bachelor's Degrees in STEM Fields

Total: 39.2%
White Non-Hispanic: 37.6%
Black-African American: 40.6%
Hispanic: 42.4%

Source: US Census Bureau, ACS 2014 1-Year
STEM Degrees as a Percent of All Bachelor's Degrees

Source: US Census Bureau, ACS 2014 1-Year
Clay County Flood Loss Estimates (Parcels)

Total affected parcels: 7,010
Improvement Value: $1,258,726,345
Land Value: $629,118,420
Total Value: $1,887,744,765

Buildings in Flood Boundary: 3,950
Buildings in Leveed Area: 2,606

Note: Parcel estimates for loss are based on 2012 county parcel data for improvement value. Parcels have been aggregated/dissolved by census block geographies for comparison with HAZUS data.
Tornadoes
(1951 - 2014)

- Tornado tracks and touch downs
- Total Tornadoes: 198
- Total Fatalities: 51
- Total Injuries: 402
- Total Damage estimate (63 years): $5,070,574,081*

**Kansas Side Total:** $3,083,608,946
- Leavenworth: $569,230,948
- Wyandotte: $428,953,450
- Johnson: $2,035,397,788
- Miami: $50,026,760

**Missouri Side Total:** $1,986,965,135
- Platte: $442,101,092
- Clay: $1,004,172,530
- Ray: $87,857,445
- Jackson: $308,512,438
- Cass: $144,321,620

**Enhanced Fujita scale**
- EF 0: 78 (tornadoes)
- EF 1: 63
- EF 2: 38
- EF 3: 13
- EF 4: 7
- EF 5: 1

Source: National Oceanic and Atmospheric Administration (NOAA) data, portrays all tornadoes and available tracks from 1951 to 2014.

* Calculated damage estimates reflects land value and improved value from 2012 parcel data as reported by each county. Any parcel intersecting a path or touch down from the 63 year period of 1951 - 2014 was included in the calculation.
Impervious Surfaces within 150 Feet of Major Streams

- Buildings
- Other
Bridge Conditions

- Other
- Functionally Obsolete
- Structurally Deficient
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