

[Final Project] Group 6 (Alice Chen & Young Kim)

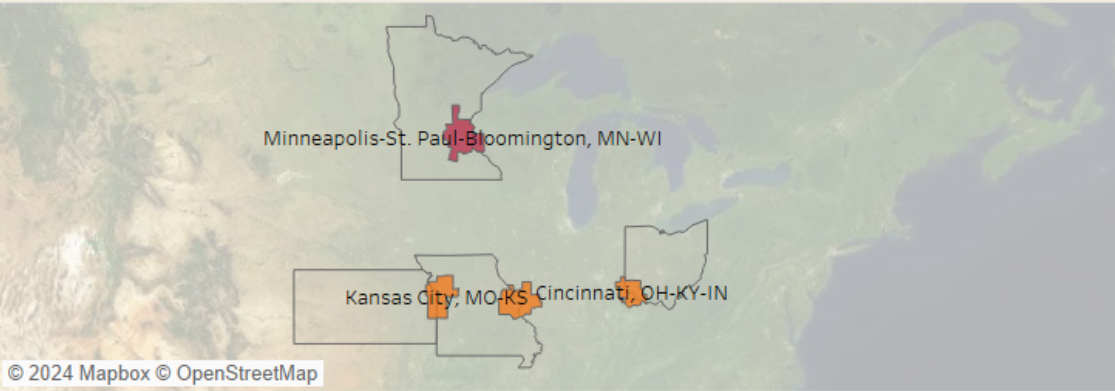
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Indusrty	Employment	Population	Mortgage
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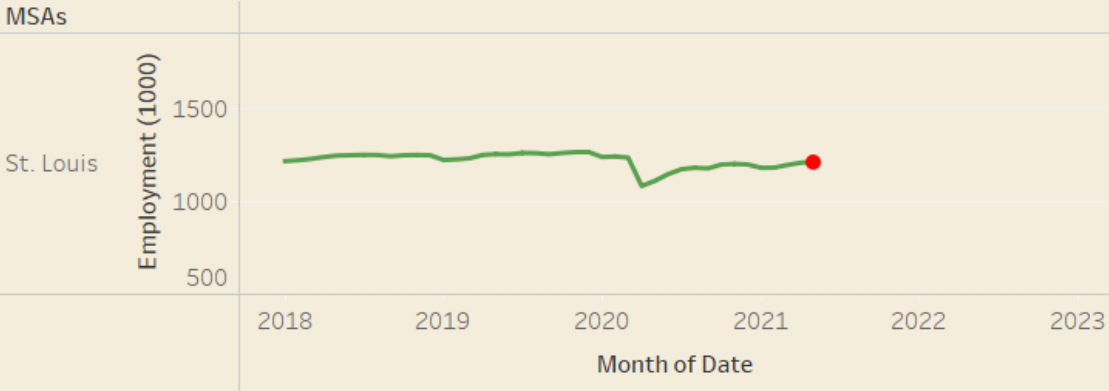
Industry

St. Louis MSA shows a stable employment except for the COVID-19 pandemic period.
The pademic might have impacted the overall employment with a huge drop in the leisure and hospitality sector.

Annual GDP of MidWest MSAs



Total Industry Employment by month - May 2021



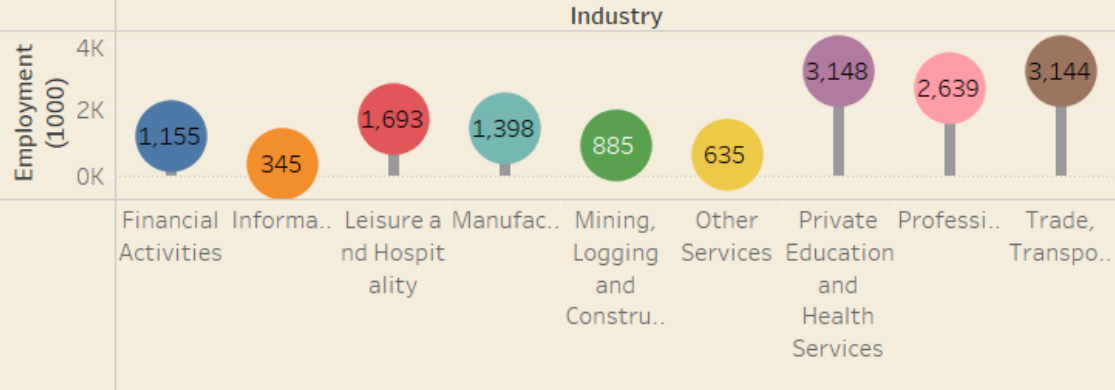
Month of Date
May 2021
☒ Show history

MSAs
St. Louis

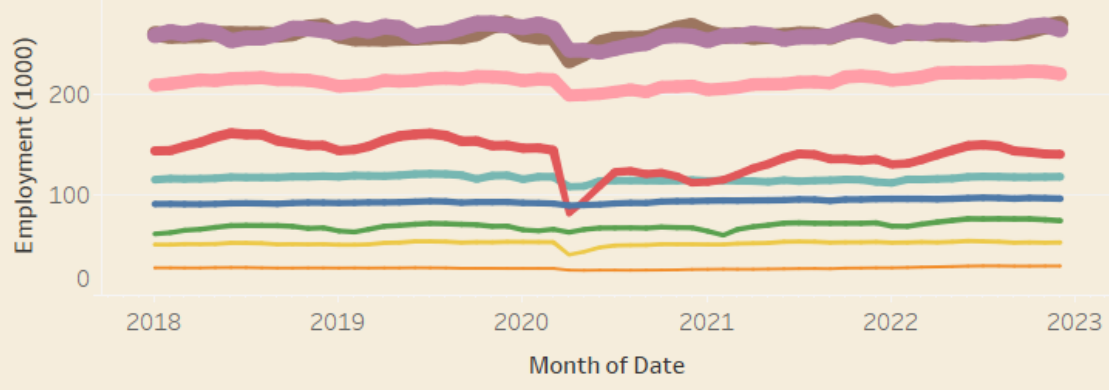
Year of Date
2022

- Industry
- Financial Activiti..
 - Information
 - Leisure and Hosp..
 - Manufacturing
 - Mining, Logging ..
 - Other Services
 - Private Educatio..
 - Professional and..
 - Trade, Transport..

Employment by Industry



Employment Change by Industry



Indusrty	Employment	Population	Mortgage
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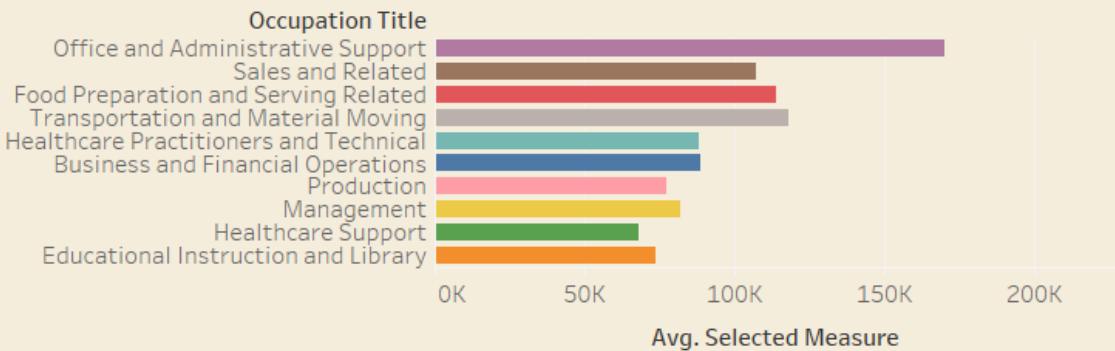
Employment

This dashboard informs us of the overall employment in a selected MSA stressing a change during the COVID-19 pandemic period. Although the overall employment decreased, the mean annaul salary in most of job groups conversly increased by having been affected by varous socio-economic factors.

Employment Hight Table

Area Title	2018	2019	Year 2020	2021	2022
Cincinnati, OH-KY-IN	1,071,630	1,083,660	1,028,260	1,023,800	1,061,100
Kansas City, MO-KS	1,061,410	1,077,300	1,031,290	1,016,160	1,052,840
Minneapolis-St. Paul-Bloomington, ..	1,956,310	1,971,360	1,848,960	1,822,900	1,884,280
St. Louis, MO-IL	1,363,140	1,370,370	1,300,220	1,277,050	1,309,390

Top N Job Group - 2022



Area Title
St. Louis, MO-IL

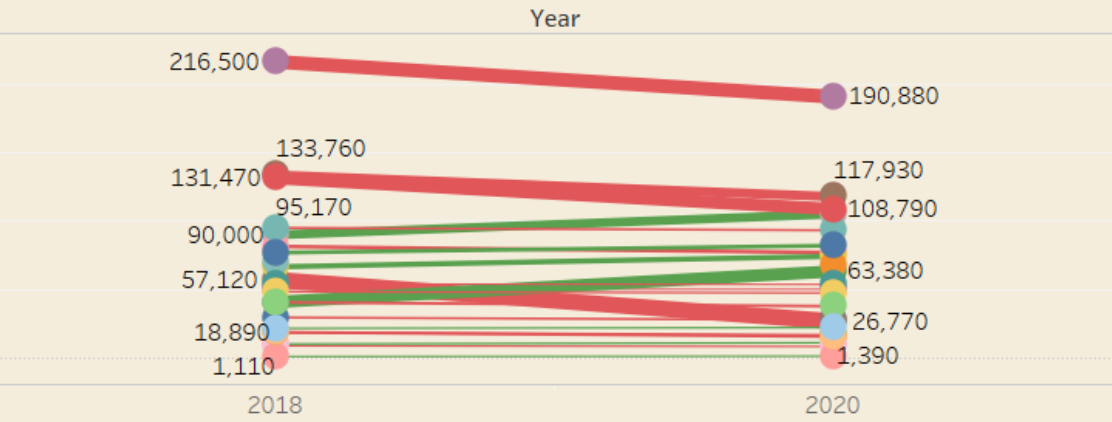
Year of Year
2022

☒ Show history

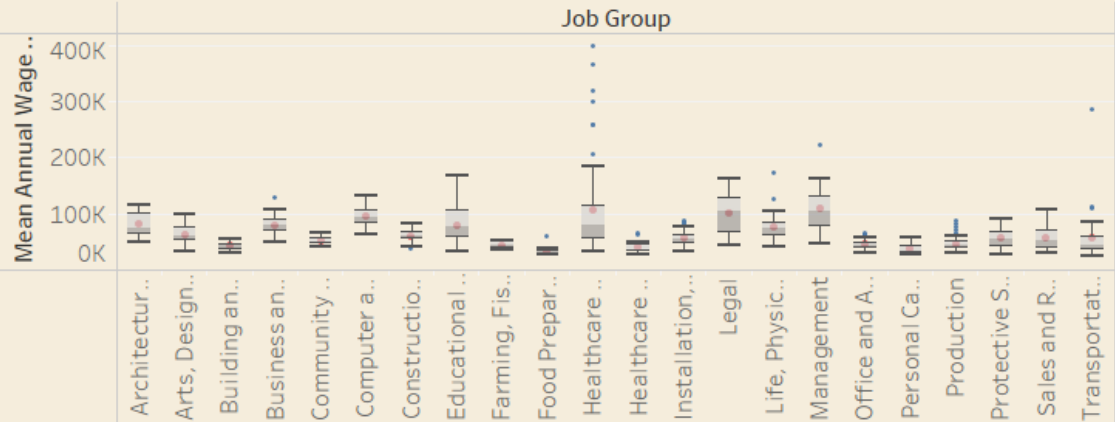
Select a Measure
Total Employment

Highlight Occupation..
No items highlighted

Employment Change by Job Group



Mean Annual Wage by Job Group - 2022



Indusrty

Employment

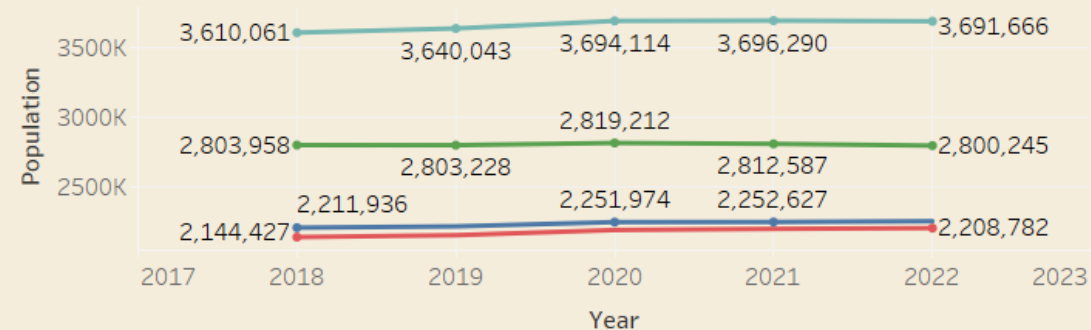
Population

Mortgage

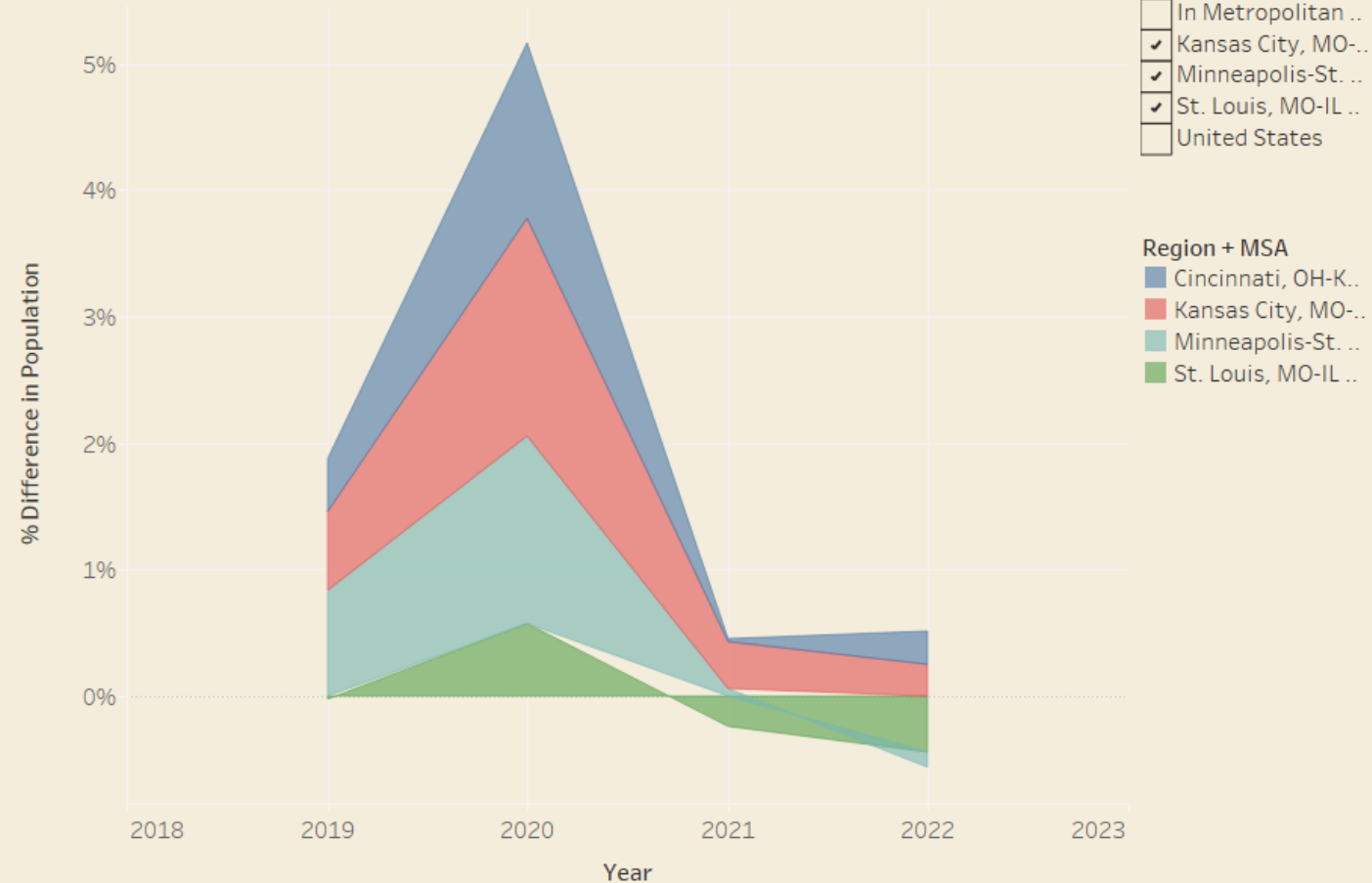
Population

This dashboard belows focuses on change of population because of the pandemic and the comparison of these changes among the four designated MSAs

Pre-Post pandemic population change



% Difference Population Comparison



Domestic Migration

Year	Region + MSA				
	Cincinnati, OH..	In Metropolitan ..	Kansas City, MO-..	Minneapolis-S..	St. Louis, MO-I..
2018	1193	14,481	2437	3202	-7685
2022	2028	-186309	3186	-4917	-5613

International Migration

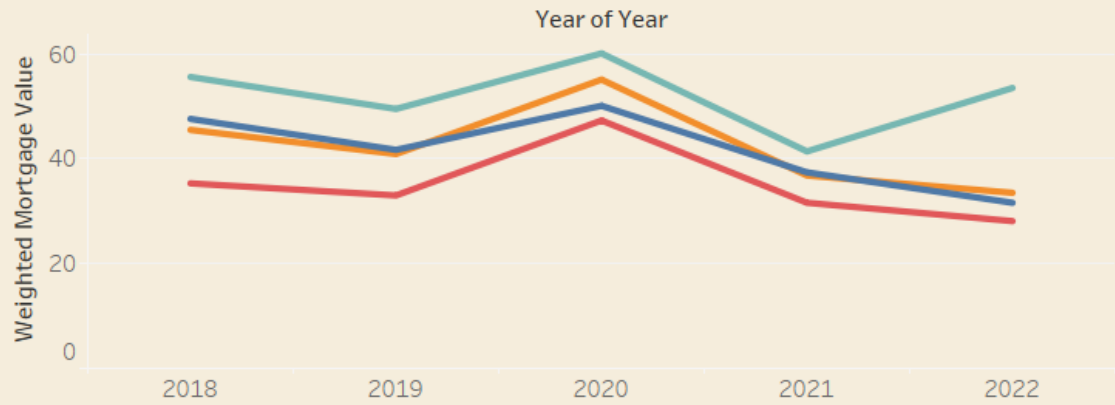
Year	Region + MSA				
	In Metropolitan ..	Cincinnati, OH..	Kansas City, M..	Minneapolis-S..	St. Louis, MO-I..
2018	573280	1547	2377	6645	2991
2022	1091033	6596	3613	10620	3856

Indusrty	Employment	Population	Mortgage
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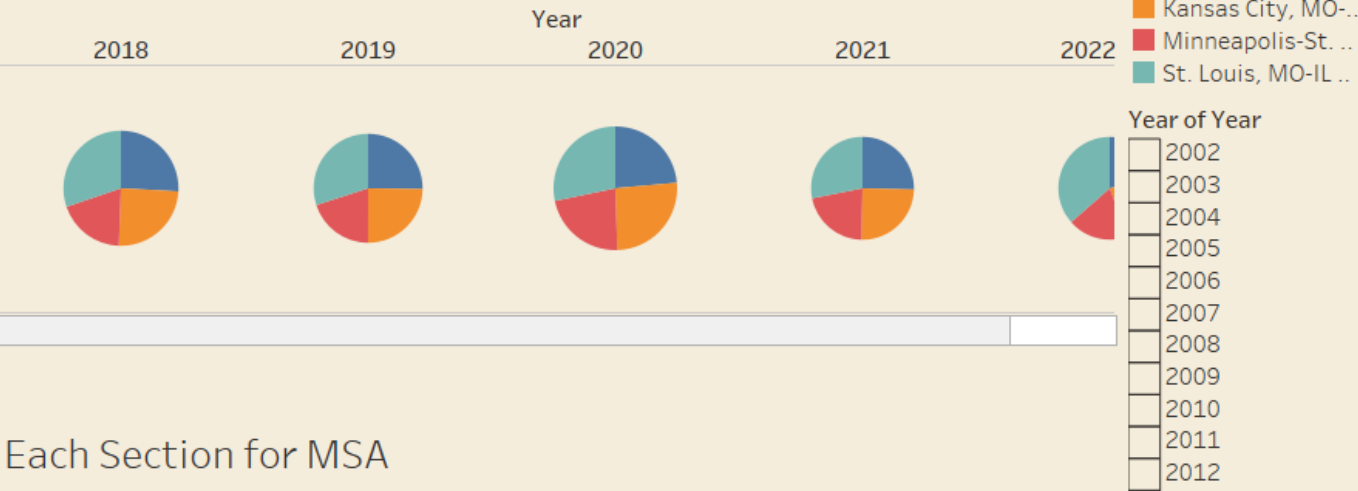
Metropolitan Area Mortgage Market

The dashboard below shows that mortgage situation during the pandemic period, focusing on the market segment comparsion and annual comparison across the four designated MSAs.

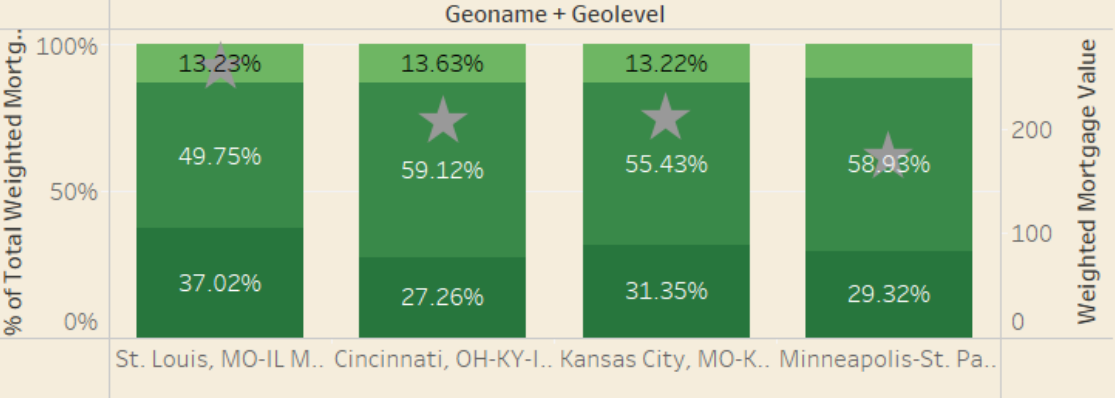
Midwest MSA Mortgage Overview



Year Comparison



Market Segment % Comparison



Each Section for MSA

Geoname + Geolevel	Enterprise Acquisitions	Government / Non-Conventional	Other Conventional
St. Louis, MO-IL Metro Area	34.4	129.4	96.3
Kansas City, MO-KS Metro Area	28.0	117.4	66.4
Cincinnati, OH-KY-IN Metro Area	28.4	123.2	56.8
Minneapolis-St. Paul-Bloomington, MN-WI	20.6	103.3	51.4

Market

Geoname + Geolevel

- Akron, OH Metro Area
- Albany-Schenectady, NY
- Albuquerque, NM
- Allentown-Bethlehem, PA
- Anaheim-Santa Ana, CA
- Atlanta-Sandy Springs, GA
- Austin-Round Rock, TX
- Bakersfield, CA
- Baltimore-Columbia, MD
- Baton Rouge, LA
- Birmingham-Hoover, AL