This document includes COVID-19 data and analytics for the State of Missouri in support of their vaccine distribution process.

Follow the links below to view each section:

- **Executive Summary** [3]
- **COVID-19 Case Rate Hotspots** [4-5]
- **Statewide Vaccination Progress (18+)** [6-7]
- **Statewide Vaccination Progress (12-17)** [8-9]
- **Regional Vaccination Rates Over Time** [10]
- **7-Day Statewide Vaccine Uptake (All Ages)** [11-12]
- **Regional Deep-dive: Region A** [13-42]
- **Appendix** [43-47]
### Executive Summary | Key Insights

#### HealthPrism™

- **2.3M** - **-40k**
  - 18+ remaining unvaccinated of eligible

- **54%** - **+0.8%**
  - 18+ percent of eligible population that has initiated vaccination

#### STATEWIDE METRICS

<table>
<thead>
<tr>
<th>COVID-19 CASE RATE HOTSPOTS</th>
<th>VACCINE UPTAKE TRENDS</th>
<th>REGION A DEEP DIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Case rate hotspots increased considerably in Region E – with 82% (14 of 17 hotspots) in proximity to I-55 and US-60</td>
<td>- Vaccine initiations were close to the 10-week average of ~35k/week, but have slightly fallen for the 3rd straight week</td>
<td>- Region A is the 3rd highest vaccinated, yet 127 of 340 (37%) Census Tracts in Region A have under 40% of their populations vaccinated</td>
</tr>
<tr>
<td>- Cape Girardeau, Mississippi, New Madrid, Scott, and Stoddard counties represent a small, but growing cluster of increasing case rates and 9 case rate hotspots</td>
<td>- Regions C &amp; F contained the largest percentage (74%) of vaccine uptake hotspots throughout the State – mainly in the Census Tracts surrounding St. Louis and Columbia/Jefferson City</td>
<td>- Case rates have increased across Region A over the past 3 weeks, spreading along major transportation routes, connecting regional hubs in locations such as Warrensburg &amp; Sedalia</td>
</tr>
<tr>
<td>- Case rate hotspots persisted in Kansas City (16 within I-435) and St Louis (3 inside I-270), slightly higher than last week</td>
<td>- Suburban and commuting regions surrounding Kansas City, Columbia/Jefferson City, and St. Louis led the State in number of 1st dose vaccinations</td>
<td>- 10 Census Tracts of focus were identified based on case rate, COVID-19 vulnerability, and vaccination rates</td>
</tr>
</tbody>
</table>

**Note:** Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated), and are from 8/27/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/12/21 to 8/26/21.

For internal use only by State of Missouri. Output based on available data.
For the time period between 8/12/21 and 8/26/21, the change in COVID-19 case rate (per 100,000) is displayed on the left and case rate hotspots (areas with statistically significant changes in case rates in comparison to surrounding areas) are displayed on the right.

**14-Day Case Rate Change**

**Regions A, E, and F** have experienced the **highest increase of COVID-19 case rates** for the past 3 weeks.

**Case rate hotspots** have considerably increased in **Region E** - with 82% (14 of 17 hotspots) in close proximity to **I-55 and US-60**.

Cape Girardeau, Mississippi, New Madrid, Scott, and Stoddard counties represent a small, but growing cluster of increasing case rates and 9 case rate hotspots.

**Note:** Data normalized by population (per 100,000 residents) per Census Tract. COVID-19 case rate data provided by the State of Missouri as of 8/26/21. Previous 2-week change view provided in the Appendix, along with methodology, data sources, and limitations.
For the time period between 8/12/21 and 8/26/21, case rate hotspots (areas with statistically significant changes in case rates in comparison to surrounding areas) are displayed on the left for Kansas City and on the right for St. Louis.

**Case rate hotspots** persisted in the core of **Kansas City** (16 within I-435) and **St Louis** (3 inside I-270), slightly higher than last week.

The communities of **Wentzville** and **St. Peters** (outside of St Louis) have experienced **surges in case rate hotspots** over the last 2 weeks.

In **Kansas City**, **11 of the 16 case rate hotspots** are within the **vulnerable section** of the SE I-435 corridor (according to the COVID-19 Vulnerability Index).

**Note:** Data normalized by population (per 100,000 residents) per Census Tract. COVID-19 case rate data provided by the State of Missouri as of 8/26/21. Previous 2-week change view provided in the Appendix, along with methodology, data sources, and limitations.
Darker shades in the map on the left indicate Census Tracts with larger vaccination gaps, with regional drill downs for Kansas City and St. Louis provided on the right.

**VACCINATION GAP (#)**

Areas with the largest vaccination gaps continue to align with the more populated areas across Missouri – typically surrounding urban areas.

**Note:** Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/26/2021. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file.
Darker shades on the map on the left indicate Census Tracts with higher percentages of residents who have initiated vaccination – with regional drill downs for Kansas City and St. Louis labeled to the right.

**Percent with 1 Dose (%)**

Census Tracts with the highest **percentages of unvaccinated populations** are concentrated in more rural areas in Regions B, D, I, G, & E.

**Note:** Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/26/2021. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. Estimate of population having received dose 1 but not dose 2 is calculated by taking the current second dose vaccinations and change in first dose vaccinations over 4 weeks and dividing that total by the total first dose vaccinations.
Darker shades on the map on the left indicate counties with larger vaccination gaps with regional drill downs for Kansas City and St. Louis labeled to the right.

**VACCINATION GAP (#)**

Vaccination Gap Quintiles (#)

- 0 – 112
- 113 – 172
- 173 – 240
- 241 – 332
- 333 – 803

Similar trends persist for the 12-17 as with the 18+ population – more populated/urban areas have the largest number of unvaccinated.

Region C continues to have the largest vaccination gap (91,760) for the 12-17 population.

**Note:** Data on vaccinated individuals are based on 1st round Moderna & Pfizer vaccinations and J&J vaccinations, based on the residence of the individual vaccinated, and as of 8/26/2021. All vaccinations tagged to the “<18” age group were assumed to be between ages 12-17. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file.
Darker shades on the map on the left indicate counties with higher percentages of residents who have initiated vaccination – with regional drill downs for Kansas City and St. Louis labeled to the right.

**PERCENT WITH 1 DOSE (%)**

<table>
<thead>
<tr>
<th>Vaccinated Categories (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0% - 29.9%</td>
</tr>
<tr>
<td>30.0% - 39.9%</td>
</tr>
<tr>
<td>40.0% - 49.9%</td>
</tr>
<tr>
<td>50.0% - 69.9%</td>
</tr>
<tr>
<td>70.0%+ (Highest)</td>
</tr>
</tbody>
</table>

The 12-17 cohort continues to **lag behind** 18+ – **Region C** has the **highest** percent vaccinated (47.3%) for this group, while **Region G** has the **lowest** (15.3%) similar to the 18+ population – **urban** areas tend to have **larger % vaccinated** rates.

**Note:** Data on vaccinated individuals are based on 1st round Moderna & Pfizer vaccinations and J&J vaccinations, based on the residence of the individual vaccinated, and as of 8/26/2021. All vaccinations tagged to the “<18” age group were assumed to be between ages 12-17. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. Estimate of population having received dose 1 but not dose 2 is calculated by taking the current second dose vaccinations and change in first dose vaccinations over 4 weeks, and dividing that total by the total first dose vaccinations.
Regional Vaccination Rates Over Time

The visualization and table below display weekly and cumulative vaccination rates at the regional level. Week 33 (8/15 – 8/21) is the most recent complete week.

**5-Week Additional Percent of 18+ Population Vaccinated by Region**

Vaccine initiations fell in both the 18+ and 12-17 population for the 3rd straight week, but were close to the 10-week average of ~35k per week.

12 counties vaccinated more than 1% of their 18+ population in Week 33, 7 of which are in Region E.

**Regional Vaccination Summary**

<table>
<thead>
<tr>
<th>Region</th>
<th>18+ Cumulative % Vax</th>
<th>18+ % Vax Previous Week</th>
<th>12-17 Cumulative % Vax</th>
<th>12-17 % Vax Previous Week</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>52.3%</td>
<td>0.7%</td>
<td>42.0%</td>
<td>1.9%</td>
</tr>
<tr>
<td>B</td>
<td>43.5%</td>
<td>0.5%</td>
<td>16.0%</td>
<td>0.9%</td>
</tr>
<tr>
<td>C</td>
<td>58.5%</td>
<td>0.6%</td>
<td>48.0%</td>
<td>1.8%</td>
</tr>
<tr>
<td>D</td>
<td>49.1%</td>
<td>0.6%</td>
<td>29.5%</td>
<td>1.6%</td>
</tr>
<tr>
<td>E</td>
<td>45.9%</td>
<td>1.0%</td>
<td>17.7%</td>
<td>2.1%</td>
</tr>
<tr>
<td>F</td>
<td><strong>58.9%</strong></td>
<td>0.7%</td>
<td>35.7%</td>
<td>2.0%</td>
</tr>
<tr>
<td>G</td>
<td>42.3%</td>
<td>0.7%</td>
<td><strong>15.3%</strong></td>
<td>1.2%</td>
</tr>
<tr>
<td>H</td>
<td>50.8%</td>
<td>0.6%</td>
<td>24.3%</td>
<td>1.3%</td>
</tr>
<tr>
<td>I</td>
<td><strong>40.2%</strong></td>
<td>0.7%</td>
<td>21.4%</td>
<td>1.8%</td>
</tr>
</tbody>
</table>

Bolded percentages indicate the highest and lowest cumulative % vaccinated.

**Note:** All weeks are calendar weeks, defined by SMW using MMWR week, where Week 33 is 8/15 – 8/21. Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated, and are from 8/26/2021. J&J vaccinations are coded as both dose 1 and dose 2. Methodology, data sources, and limitations are available in the Appendix.
Vaccination uptake hotspots for 08/20 - 08/26 are displayed below in red. These vaccine uptake hotspots represent the communities that far exceeded the State average for the dates indicated.

Regions A, C & F contain the largest percentage (74%) of vaccine uptake hotspots throughout the State – mainly in the Census Tracts surrounding St. Louis, Kansas City and Columbia/Jefferson City.

Uptake hotspots continue to be linked to major transportation routes (I-44, I-70, I-35, I-55, US 54 and US 63).

Note: Data on vaccinated individuals is based on 1st round Moderna & Pfizer vaccinations and J&J vaccinations, includes all ages, and indicates the residence of the individual vaccinated, and is as of 8/26/2021. Methodology, data sources, and limitations are available in the Appendix.
Vaccination uptake deserts are displayed in shades of blue from 8/20 - 8/26, indicating Census Tracts where the weekly vaccine uptake is significantly lower than State and/or regional averages – a more sensitive test of differences in community-level uptake in comparison to the hotspot analysis.

How to interpret these maps:

- **High Vaccine Uptake**: Statistically significant clusters of high statewide initiation rates
- **Low Regional Uptake**: Statistical outlier – low initiation rates surrounded by high
- **High Regional Uptake**: Statistical outlier – high initiation rates surrounded by low
- **Low Vaccine Uptake/Uptake Desert**: Clusters of statistically low statewide initiation rates

Majority of vaccine uptake deserts (by area) exist in Regions B and H; majority of vaccine uptake deserts (by population) are in urban clusters (Kansas City, Springfield and St. Louis). Suburban/exurban regions surrounding Kansas City, Columbia/Jefferson City, and St. Louis led the State in 1st dose vaccinations.

Regional and State highs in vaccine initiations in St. Louis and Columbia/Jefferson City are often occurring in CTs at or near >70% vaccine uptake (1st dose).

**Note**: Data on vaccinated individuals is based on 1st round Moderna & Pfizer vaccinations and J&J vaccinations, includes all ages, and indicates the residence of the individual vaccinated, and is as of 8/26/2021. Methodology, data sources, and limitations are available in the Appendix.
Region A Deep-Dive

As presented on 8/27
**Executive Summary**

- **Case rates** have **increased** across Region A over the past 3 weeks
- Diffusion of elevated case rates indicate a **spread along major transportation routes, connecting regional hubs**
- Hotspots outside of Kansas City **emerge at central locations within counties** or at **transportation route junctions**, such as Warrensburg & Sedalia
- Region A is the **3rd highest vaccinated**, yet 127 of 340 (37%) **Census Tracts** in Region A have **under 40%** of their populations vaccinated

**REGIONAL & COUNTY TRENDS**

**TARGET CENSUS TRACTS**

- All 10 Census Tracts identified for Region A have a population that is **less than 45% vaccinated**
- Of the 10 Census Tracts identified, **9 are in the top 150 statewide** of our COVID-19 Vulnerability Index (CVI)
- Within these Census Tracts, residents tend to be more **racially diverse and religious**, have **lower levels of income and educational attainment**, and are less likely to have **health insurance** than the average Missourian

**Note:** Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated), and are from 8/19/21. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file.
COVID-19 Case Rate Spread Over Time

These visuals display the evolution of 14-day COVID-19 case rates over the past 4 full weeks (July 29th-Aug 19th) in Region A.

- Over the **past 3 weeks**, case rates have **increased** in Region A.
  - Case rates began at elevated levels, decreased for the period ending on 8/5, and then rapidly increased.
  - Case rates are elevated across the Region as compared to the time ending 7/29.
- **Pattern of elevated case rates** indicate **diffusion from regional hubs** (e.g. Marshall, Warrensburg, Sedalia, Butler, Clinton).
  - Spread along major transportation routes.
  - **Hubs of high case rates** in centers of activity and interaction.
- **High levels of disease spread across Region A** and potentially extending to neighboring regions.

**Note:** Data normalized by population (per 100,000 residents) per Census Tract. COVID-19 case rate data provided by the State of Missouri as of 08/20/21. See Appendix for methodology, data sources, and limitations. "Week" corresponds with MMWR.
COVID-19 Case Rate Hotspots at the Census Tract Level

The visual on the left depicts case rate hotspots – areas with statistically significant changes in case rates in comparison to surrounding areas – between August 6th and August 20th.

14-Day Case Rate Hotspots (8/6-8/20)

KEY OBSERVATIONS

- For the two-week period through August 20th, case rate hotspots in Region A **followed transportation routes within and outside of Kansas City**.

- Hotspots outside of Kansas City **emerge at central locations within counties or at transportation route junctions**, such as Warrensburg.

- Recent patterns of case spread in Missouri have reflected a similar **connection to transportation routes and activity centers**.

**Note:** Data normalized by population (per 100,000 residents) per Census Tract. COVID-19 case rate data provided by the State of Missouri as of 08/20/21. See Appendix for methodology, data sources, and limitations.
The visual and table below depict percent vaccinated and vaccination gap across Region A

### Region A Percent Vaccinated (%)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Census Tract</th>
<th>County</th>
<th>Adult Population</th>
<th>% Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>29101980000</td>
<td>Johnson</td>
<td>1,205</td>
<td>14.85%</td>
</tr>
<tr>
<td>2</td>
<td>29095989100</td>
<td>Bates</td>
<td>3,169</td>
<td>30.99%</td>
</tr>
<tr>
<td>3</td>
<td>29013070200</td>
<td>Johnson</td>
<td>3,917</td>
<td>31.45%</td>
</tr>
<tr>
<td>4</td>
<td>29095980101</td>
<td>Johnson</td>
<td>4,184</td>
<td>33.08%</td>
</tr>
<tr>
<td>5</td>
<td>29101960700</td>
<td>Johnson</td>
<td>4,523</td>
<td>33.12%</td>
</tr>
<tr>
<td>6</td>
<td>29101960200</td>
<td>Pettis</td>
<td>2,362</td>
<td>34.17%</td>
</tr>
<tr>
<td>7</td>
<td>29101960900</td>
<td>Pettis</td>
<td>3,252</td>
<td>34.19%</td>
</tr>
<tr>
<td>8</td>
<td>29095009500</td>
<td>Henry</td>
<td>2,508</td>
<td>34.77%</td>
</tr>
<tr>
<td>9</td>
<td>29159480100</td>
<td>Jackson</td>
<td>3,459</td>
<td>35.13%</td>
</tr>
<tr>
<td>10</td>
<td>29083950100</td>
<td>Bates</td>
<td>2,407</td>
<td>35.31%</td>
</tr>
</tbody>
</table>

**Statewide Average**

<table>
<thead>
<tr>
<th>% Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.19%</td>
</tr>
</tbody>
</table>

**Region A Average**

<table>
<thead>
<tr>
<th>% Vaccinated</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.33%</td>
</tr>
</tbody>
</table>

**Key**

- 0% - 29.9% | 89
- 30% - 39.9% | 38
- 40.0% - 49.9% | 52
- 50.0% - 69.9% | 77
- 70.0% - 99.9% | 84

*Top 10 CTs by Vaccination Gap (#)*

Four of the top 10 Census Tracts with the **lowest percent vaccinated are in Johnson County**

127 of 340 (37%) **Census Tracts** in Region A have under 40% of their populations vaccinated

**Note:** Data on vaccinated individuals are based on 1st round Moderna & Pfizer vaccinations and J&J vaccinations, based on the residence of the individual vaccinated, and as of 08/19/2021. Methodology, data sources, and limitations are available in the Appendix.
Vaccine uptake deserts are shown in blue over a 4-week period, identifying Census Tracts where vaccine uptake for that time period was significantly lower than State average.

Region A is the 3rd highest vaccinated Region and typically represents between 20-25% of statewide 18+ weekly initiations.

Vaccine uptake deserts cover most of the city proper (and most densely populated Census Tracts) within the Kansas City Metro.

Northern and eastern suburbs/exurbs of Kansas City have shown the highest vaccine uptake in Region A, and regional highs have emerged in vulnerable urban communities.

Note: Vaccine uptake desert analyses employ Local Moran's I test for spatial autocorrelation. Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the individual vaccinated (all ages), and are from 8/19/2021. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file.
Target Census Tracts

Potential Areas to Focus Outreach Initiatives
Potential Target Census Tracts in Region A

The map below highlights Census Tracts that could be targeted for outreach within Region A.

To identify target tracts in Region A, we analyzed relationships between:

1. 14-Day COVID-19 case rate burden/change
2. Percent of population unvaccinated
3. Ranking based on the COVID-19 Vulnerability Index (CVI)*

Using the above methodology, below are the top 10 Census Tracts, which are discussed further in the following slides:

<table>
<thead>
<tr>
<th>Rank</th>
<th>Census Tract</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>29095013203</td>
<td>Jackson</td>
</tr>
<tr>
<td>2</td>
<td>29095006000</td>
<td>Jackson</td>
</tr>
<tr>
<td>3</td>
<td>29095005602</td>
<td>Jackson</td>
</tr>
<tr>
<td>4</td>
<td>29095016500</td>
<td>Jackson</td>
</tr>
<tr>
<td>5</td>
<td>29095007900</td>
<td>Jackson</td>
</tr>
<tr>
<td>6</td>
<td>29095009000</td>
<td>Jackson</td>
</tr>
<tr>
<td>7</td>
<td>29095008800</td>
<td>Jackson</td>
</tr>
<tr>
<td>8</td>
<td>29095013100</td>
<td>Jackson</td>
</tr>
<tr>
<td>9</td>
<td>29095009500</td>
<td>Jackson</td>
</tr>
<tr>
<td>10</td>
<td>29083950100</td>
<td>Henry</td>
</tr>
</tbody>
</table>

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated), and are from 8/19/21. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file.

*CVI includes percent below 138% FPL, 1+ comorbidity, minority, cumulative case rate, and percent unvaccinated.
Three Steps To Take Action with this Data

Demographic and behavioral characteristics of each area, coupled with local points of interest (POIs), can enable understanding of local nuances to conduct more targeted outreach in a given community.

1. What are the key characteristics of this population?
   - Review COVID-19 metrics
   - Develop a deeper understanding of the Census Tract's demographic traits, values/preferences, needs, and potential barriers to access

2. Where are optimal locations to conduct outreach?
   - Pinpoint areas of high and low density for both vulnerable populations and sample Points of Interest
   - Identify potential partners based on insights from the key characteristics and the Points of Interest list
Three Steps To Take Action with this Data

The following intend to leverage local knowledge in combination with the local characteristics and POIs to enable targeted interventions that boost vaccine uptake.

What are general considerations for outreach?

**PREPARATION**

**Understand the population.**
Make space for open dialogue to grasp local concerns. When possible, supplement quantitative data about the community with personal stories via listening sessions/focus groups – ideally including local leaders.

**Co-create solutions.**
Collaborate with target communities to build action plans for their neighborhoods, highlighting the community’s involvement – potentially resulting in higher buy-in and more tailored solutions.

**Involve trusted messengers.**
Use local expertise and key population characteristics to identify and involve community leaders, to build trust and get involved in outreach.

**MESSAGING**

**Address concerns.**
Work through fears and anxieties with empathy, providing factual information and being transparent on unknowns. Listening and acknowledging concerns can be especially effective when coming from the right trusted messenger.

**Keep it simple.**
Create materials that are easy to understand/culturally inclusive yet informative, especially for low literacy populations. Consider infographics with images and icons to convey the most important information.

**Highlight personal stories.**
Leveraging the power of narrative over statistics, share stories about people similar to the target community who have been vaccinated, highlighting how they overcame their concerns/barriers and how it has benefited them.

**TAKING ACTION**

**Remove barriers.**
Meet people where they are – mobile clinics at homes, schools, and places of work with weekend/evening hours. Encourage local employers to offer paid time off and/or childcare to get the shot. Consider offering vaccination along with other routine care or social services.

**Make specific plans.**
For people who intend to be vaccinated but haven’t, breaking down the goal can help. Support taking concrete steps like booking an appointment and ask for barriers they might encounter (e.g., transportation) and work through solutions.
Target Census Tract #1 | Key Characteristics

This tract at a glance:

VALUES & PREFERENCES

44% seek out primary care providers compared to 80% statewide

2% use community and/or retail health clinics compared to 13% statewide

ACCESS FACTORS

Income Below $30K

Leaking Broadband

Labor Force & Unemployment

Disability

95%+

53%

40%

30%

59%

91%

70%

67%

8%

9%

14%

15%

14%

15%

14%

13% 14-Day Change in Case Rate

38.07% Percent Vaccinated

1,757 # Unvaccinated

13,268 per 100k Cumulative COVID-19 Case Burden

Census Tract State Average

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin of error associated with them.

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Target Census Tract #1 | Vulnerable Population and Points of Interest

Census Tract: 29095013203

POINTS OF INTEREST
Sites for Outreach & Vaccination Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ruskin Heights Presbyterian Church</td>
<td>Worship</td>
<td>11000 Ruskin Way</td>
</tr>
<tr>
<td>Ruskin High School</td>
<td>Schools</td>
<td>7000 E 111th Street</td>
</tr>
<tr>
<td>Iser Park</td>
<td>Community</td>
<td>E. 112th Terrace &amp; Sycamore Ave</td>
</tr>
<tr>
<td>Ruskin Way Park</td>
<td>Community</td>
<td>E. 114th St. &amp; Ruskin Way</td>
</tr>
</tbody>
</table>

Legend

- **Point of Interest (POI)**
- **Vulnerable Population**
  - Low to high density
  - <$30k income and/or 1+ comorbidities and/or racial/ethnic minority
Target Census Tract #2 | Key Characteristics

This tract at a glance:

- **Age Distribution**
  - 18-34: 19%
  - 35-54: 38%
  - Over 55: 43%
- **Race Distribution**
  - Black or African American: 90%
  - White: 8%
  - Hispanic or Latino: 1%
  - Other: 1%
- **Education**
  - High-School Educated or Below: 50%
  - 1st Comorbidity in 18-64 Year Olds: 37%
  - Households with Children: 47%

VALUES & PREFERENCES

- 46% seek out primary care providers compared to 80% statewide
- 0% use community and/or retail health clinics compared to 13% statewide

ACCESS FACTORS

- Income Below $30K: 80%
- Lacking Broadband: 33%
- Labor Force & Unemployment:
  - 45% participate compared to 63% statewide
  - 8% unemployed compared to 5% statewide
- Net Worth <= $50: 61%
- Uninsured: 23%
- Disability: 22%

COVID-19 METRICS

- 40.02% Percent Vaccinated
- 10% 14-Day Change in Case Rate
- 766.0 # Unvaccinated
- 12,208 per 100k Cumulative COVID-19 Case Burden

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin of error associated with them.
Census Tract: 29095006000

POINTS OF INTEREST
Sites for Outreach & Vaccination Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue Valley Market</td>
<td>Grocery</td>
<td>4300 Cleveland Ave</td>
</tr>
<tr>
<td>Power of Faith AME Church</td>
<td>Worship</td>
<td>4242 Cleveland Ave</td>
</tr>
<tr>
<td>St. Andrew United Methodist Church</td>
<td>Worship</td>
<td>4601 Benton Blvd</td>
</tr>
<tr>
<td>Greater Mount Zion Baptist Church</td>
<td>Worship</td>
<td>4600 Cleveland Ave</td>
</tr>
<tr>
<td>Community Mission Baptist Church</td>
<td>Worship</td>
<td>4309 Norton Ave</td>
</tr>
<tr>
<td>M. L. King Elementary</td>
<td>Schools</td>
<td>4848 Woodland Avenue</td>
</tr>
<tr>
<td>Genesis School Inc.</td>
<td>Schools</td>
<td>3800 E 44th St.</td>
</tr>
<tr>
<td>Neighborhood Barber Shop</td>
<td>Barber/salon</td>
<td>4001 E 39th St</td>
</tr>
<tr>
<td>Boys &amp; Girls Clubs of America</td>
<td>Neighborhood/</td>
<td>3831 E 43rd St</td>
</tr>
<tr>
<td></td>
<td>community</td>
<td></td>
</tr>
</tbody>
</table>

Legend

- **Point of Interest (POI)**
- **Vulnerable Population** (Low to high density)
- <$30k income and/or 1+ comorbidities and/or racial/ethnic minority
Target Census Tract #3 | Key Characteristics

This tract at a glance:

VALUES & PREFERENCES

- 41% seek out primary care providers compared to 80% statewide
- 0% use community and/or retail health clinics compared to 13% statewide

COVID-19 METRICS

- 40.05% Percent Vaccinated
- 15% 14-Day Change in Case Rate
- 792.0 # Unvaccinated
- 10,815 per 100k Cumulative COVID-19 Case Burden

ACCESS FACTORS

- Income Below $30K: 25%
- Lacking Broadband: 15%
- Net Worth <= $50: 27%
- Uninsured: 27%
- Disability: 10%
- Labor Force & Unemployment: 53% compared to 63% statewide

Jackson, MO
29095005602

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin of error associated with them.

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Target Census Tract #3 | Vulnerable Population and Points of Interest

Census Tract: 29095005602

### POINTS OF INTEREST
Sites for Outreach & Vaccination Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indiana Market &amp; Deli</td>
<td>Grocery</td>
<td>3646 Indiana Ave</td>
</tr>
<tr>
<td>Cornerstone Missionary Baptist Church</td>
<td>Worship</td>
<td>2911 E 37th St</td>
</tr>
<tr>
<td>Kajun Fried Chicken &amp; Fish</td>
<td>Restaurant</td>
<td>3631 Prospect Ave</td>
</tr>
<tr>
<td>Dayzy African Hair braiding</td>
<td>Barber/salon</td>
<td>2908 E 39th St</td>
</tr>
</tbody>
</table>

Legend

- **Point of Interest (POI)**
- **Vulnerable Population**
  (Low to high density)
  <$30k income and/or 1+ comorbidities and/or racial/ethnic minority
Target Census Tract #4 | Key Characteristics

Jackson, MO
29095016500

This tract at a glance:

VALUES & PREFERENCES

- 51% seek out primary care providers compared to 80% statewide
- 1% use community and/or retail health clinics compared to 13% statewide

ACCESS FACTORS

COVID-19 METRICS

- 40.36% Percent Vaccinated
- 10% 14-Day Change in Case Rate
- 940.0 # Unvaccinated
- 10,204 per 100k Cumulative COVID-19 Case Burden

ACCESS FACTORS

- Income Below $30K: 82%
- Lacking Broadband: 30%
- Net Worth <= $50: 60%
- Uninsured: 21%
- Unemployment: 61% compared to 63% statewide
- Labor Force & Unemployment: 17% unemployed compared to 5% statewide

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin-of-error associated with them.

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HealthPrism™ | Focusing Resources & Protecting Lives.
Census Tract: 29095016500

POINTS OF INTEREST
Sites for Outreach & Vaccination Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shiloh Missionary Baptist Church</td>
<td>Worship</td>
<td>3001 Cleveland Ave</td>
</tr>
<tr>
<td>Church of God In Christ</td>
<td>Worship</td>
<td>2340 Bales Ave</td>
</tr>
<tr>
<td>Gethsemane Non-Denominational Church</td>
<td>Worship</td>
<td>4123 E 27th St</td>
</tr>
<tr>
<td>New Hebron Missionary Baptist Church</td>
<td>Worship</td>
<td>2702 Mersington Ave</td>
</tr>
<tr>
<td>Progressive Baptist Church</td>
<td>Worship</td>
<td>2937 Bales Ave</td>
</tr>
<tr>
<td>Cleveland Ave Baptist Church</td>
<td>Worship</td>
<td>2853 Cleveland Ave</td>
</tr>
<tr>
<td>Holy Light Missionary Baptist Church</td>
<td>Worship</td>
<td>2421 Indiana Ave</td>
</tr>
<tr>
<td>Mount Carmel Missionary Baptist Church</td>
<td>Worship</td>
<td>2747 Cleveland Ave</td>
</tr>
<tr>
<td>Victory Outreach</td>
<td>Worship</td>
<td>2720 Askew Ave</td>
</tr>
<tr>
<td>Wright Temple</td>
<td>Worship</td>
<td>2500 Mersington Ave</td>
</tr>
<tr>
<td>Carol’s Hair Salon</td>
<td>Barber/salon</td>
<td>2709 Norton Ave</td>
</tr>
</tbody>
</table>

Legend
- Point of Interest (POI)
- Vulnerable Population
  (Low to high density)
- <$30k income and/or 1+ comorbidities and/or racial/ethnic minority
### Target Census Tract #5 | Key Characteristics

**This tract at a glance:**

<table>
<thead>
<tr>
<th>Age</th>
<th>Race Distribution</th>
<th>Education Level</th>
<th>High-School Educated or Below</th>
<th>1+ Comorbidity in 18-64 Year Olds</th>
<th>Households with Children</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-34</td>
<td>22%</td>
<td>90%</td>
<td>57%</td>
<td>35%</td>
<td>83%</td>
</tr>
<tr>
<td>35-54</td>
<td>19%</td>
<td>88%</td>
<td>40%</td>
<td>30%</td>
<td>59%</td>
</tr>
<tr>
<td>Over 55</td>
<td>18%</td>
<td>88%</td>
<td>40%</td>
<td>30%</td>
<td>59%</td>
</tr>
</tbody>
</table>

**VALUES & PREFERENCES**

- 45% seek out primary care providers compared to 80% statewide
- 1% use community and/or retail health clinics compared to 13% statewide

**COVID-19 METRICS**

- 40.56% Percent Vaccinated
- 14% 14-Day Change in Case Rate
- 1,782 # Unvaccinated
- 8,970 per 100k Cumulative COVID-19 Case Burden

**ACCESS FACTORS**

<table>
<thead>
<tr>
<th>Key</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income Below $30K</td>
<td>83%</td>
</tr>
<tr>
<td>Lacking Broadband</td>
<td>40%</td>
</tr>
<tr>
<td>Labor Force &amp; Unemployment</td>
<td>58% participate compared to 63% statewide</td>
</tr>
<tr>
<td>Disability</td>
<td>21%</td>
</tr>
<tr>
<td>Net Worth &lt;= $0</td>
<td>65%</td>
</tr>
<tr>
<td>Uninsured</td>
<td>24%</td>
</tr>
<tr>
<td>9% unemployed compared to 5% statewide</td>
<td></td>
</tr>
<tr>
<td>State Average</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin of error associated with them.

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Target Census Tract #5 | Vulnerable Population and Points of Interest

Census Tract: 29095007900

POINTS OF INTEREST
Sites for Outreach & Vaccination Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>St. Louis Church</td>
<td>Worship</td>
<td>5930 Swope Pkwy</td>
</tr>
<tr>
<td>Faith Fellowship Baptist Church</td>
<td>Worship</td>
<td>5610 Jackson Ave</td>
</tr>
<tr>
<td>Parkway Baptist Church</td>
<td>Worship</td>
<td>3810 E 56th St</td>
</tr>
<tr>
<td>Swope Parkway United Christian Church</td>
<td>Worship</td>
<td>3482 E 62nd St</td>
</tr>
<tr>
<td>Greater Faith Missionary Baptist Church</td>
<td>Worship</td>
<td>5743 Prospect Ave</td>
</tr>
<tr>
<td>Covenant Presbyterian Church</td>
<td>Worship</td>
<td>5931 Swope Pkwy</td>
</tr>
<tr>
<td>Kansas City Public Library</td>
<td>Library</td>
<td>6242 Swope Pkwy</td>
</tr>
</tbody>
</table>

Legend

Point of Interest (POI)
Vulnerable Population
(Low to high density)
<$30k income and/or 1+ comorbidities and/or racial/ethnic minority

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This tract at a glance:

### Race Distribution

- Black or African American: 19%
- White: 38%
- Hispanic or Latino: 2%
- Other: 4%
- American Indian or Alaska Native: 1%
- Asian: 4%
- Native Hawaiian or Other Pacific Islander: 4%

### Age

- 18-34: 19%
- 35-54: 41%
- Over 55: 43%

### Education

- High-School Educated or Below: 46%

### Household Composition

- Households with Children: 63%
- 1+ Comorbidity in 18-64 Year Olds: 20%

### Values & Preferences

- 52% seek out primary care providers compared to 80% statewide
- 1% use community and/or retail health clinics compared to 13% statewide

### COVID-19 Metrics

- 41.25% Percent Vaccinated
- 15% 14-Day Change in Case Rate
- 2,519 # Unvaccinated
- 8,361 per 100k Cumulative COVID-19 Case Burden

### Access Factors

- Income Below $30K: 50%
- Lacking Broadband: 19%
- Net Worth <= $0: 54%
- Uninsured: 21%
- Disability: 15%

### Labor Force & Unemployment

- 60% participate compared to 63% statewide
- 10% unemployed compared to 5% statewide

### Note

Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin of error associated with them.
## Points of Interest for Outreach & Vaccination Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thriftway Grocery</td>
<td>Grocery</td>
<td>7320 Prospect Ave</td>
</tr>
<tr>
<td>Muzammil</td>
<td>Grocery</td>
<td>7501 Troost Ave</td>
</tr>
<tr>
<td>Holy Martyrs Church</td>
<td>Worship</td>
<td>7801 Paseo Blvd</td>
</tr>
<tr>
<td>Fellowship Baptist Church</td>
<td>Worship</td>
<td>7106 Prospect Ave</td>
</tr>
<tr>
<td>Love Unlimited Church</td>
<td>Worship</td>
<td>7410 Prospect Ave</td>
</tr>
<tr>
<td>Grace Baptist Church</td>
<td>Worship</td>
<td>7203 Paseo Blvd</td>
</tr>
<tr>
<td>Christian Tabernacle Church of God In Christ</td>
<td>Worship</td>
<td>7405 Paseo Blvd</td>
</tr>
<tr>
<td>Leenaj Barber Designs</td>
<td>Barber/salon</td>
<td>7520 Prospect Ave</td>
</tr>
<tr>
<td>Curtis A's Barber Shop</td>
<td>Barber/salon</td>
<td>7237 Troost Ave</td>
</tr>
<tr>
<td>Good Nail</td>
<td>Barber/salon</td>
<td>7801 Troost Ave</td>
</tr>
<tr>
<td>Blade's Barber Shop</td>
<td>Barber/salon</td>
<td>7237 Troost Ave</td>
</tr>
<tr>
<td>Kansas City Missouri Fire Department Station 30</td>
<td>Police/fire</td>
<td>7534 Prospect Ave</td>
</tr>
</tbody>
</table>

### Legend
- **Vulnerable Population** (Low to high density)
  - <$30k income and/or 1+ comorbidities and/or racial/ethnic minority
- **Point of Interest (POI)**
Target Census Tract #7 | Key Characteristics

This tract at a glance:

VALUES & PREFERENCES

- 44% seek out primary care providers compared to 80% statewide
- 1% use community and/or retail health clinics compared to 13% statewide

ACCESS FACTORS

- Income Below $30K: 79%
- Lacking Broadband: 34%
- Labor Force & Unemployment: 59% participate compared to 63% statewide
- Net Worth <= $0: 65%
- Uninsured: 23%
- Disability: 13%
- Unemployed: 8% unemployed compared to 5% statewide

COVID-19 METRICS

- 41.94% Percent Vaccinated
- 16% 14-Day Change in Case Rate
- 1,797 # Unvaccinated
- 7,166 per 100k Cumulative COVID-19 Case Burden

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin of error associated with them.
### Points of Interest

#### Sites for Outreach & Vaccination Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>III B's Market &amp; Party Shop</td>
<td>Grocery</td>
<td>3800 E Gregory Blvd</td>
</tr>
<tr>
<td>Food Express</td>
<td>Grocery</td>
<td>3740 E Gregory Blvd</td>
</tr>
<tr>
<td>Hosanna Missionary Baptist Church</td>
<td>Worship</td>
<td>4027 E 67th St</td>
</tr>
<tr>
<td>Temple of Faith Baptist Church</td>
<td>Worship</td>
<td>3000 E Gregory Blvd</td>
</tr>
<tr>
<td>Swope Park United Methodist Church</td>
<td>Worship</td>
<td>6300 Swope Pkwy</td>
</tr>
<tr>
<td>Al Haqq Islamic Center</td>
<td>Worship</td>
<td>6941 Prospect Ave</td>
</tr>
<tr>
<td>Jim's Diner</td>
<td>Restaurant</td>
<td>6901 Prospect Ave</td>
</tr>
<tr>
<td>KFC</td>
<td>Restaurant</td>
<td>6607 Prospect Ave</td>
</tr>
<tr>
<td>Krispy Krunchy Chicken</td>
<td>Restaurant</td>
<td>3800 E Gregory Blvd</td>
</tr>
<tr>
<td>Taco Bell</td>
<td>Restaurant</td>
<td>6607 Prospect Ave</td>
</tr>
<tr>
<td>Church's Chicken</td>
<td>Restaurant</td>
<td>2600 E Gregory Blvd</td>
</tr>
<tr>
<td>Hogan Preparatory Acad Middle</td>
<td>Schools</td>
<td>6409 Agnes</td>
</tr>
<tr>
<td>Southeast High School</td>
<td>Schools</td>
<td>3500 E Meyer Blvd</td>
</tr>
<tr>
<td>B. Banneker Elementary</td>
<td>Schools</td>
<td>7050 Askew</td>
</tr>
</tbody>
</table>

**Legend**

- **Point of Interest (POI)**
- **Vulnerable Population**
  - (Low to high density)
  - <$30k income and/or 1+ comorbidities and/or racial/ethnic minority
Target Census Tract #8 | Key Characteristics

Jackson, MO 29095013100

This tract at a glance:

- 38% Black or African American
- 39% White
- 8% Hispanic or Latino
- 8% Other

VALUES & PREFERENCES

- 66% seek out primary care providers compared to 80% statewide
- 4% use community and/or retail health clinics compared to 13% statewide

ACCESS FACTORS

- Income Below $30K: 38%
- Lacking Broadband: 23%
- Labor Force & Unemployment: 68% participate compared to 63% statewide

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin-of-error associated with them.
### Points of Interest

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Trip</td>
<td>Grocery</td>
<td>10416 Blue Ridge Blvd</td>
</tr>
<tr>
<td>Hickman Mills Community Christian Church</td>
<td>Worship</td>
<td>5809 E Red Bridge Rd</td>
</tr>
<tr>
<td>United Believers Community Church</td>
<td>Worship</td>
<td>5600 E 112th Ter</td>
</tr>
<tr>
<td>Memorial Missionary Baptist Church</td>
<td>Worship</td>
<td>11424 Hickman Mills Dr</td>
</tr>
<tr>
<td>Southside Mafia Pizzeria</td>
<td>Restaurant</td>
<td>10328 Blue Ridge Blvd</td>
</tr>
<tr>
<td>Church’s Chicken</td>
<td>Restaurant</td>
<td>11500 Blue Ridge Blvd</td>
</tr>
<tr>
<td>Paul’s Drive In</td>
<td>Restaurant</td>
<td>10424 Blue Ridge Blvd</td>
</tr>
<tr>
<td>McDonald’s</td>
<td>Restaurant</td>
<td>11001 Hickman Mills Dr</td>
</tr>
<tr>
<td>Fuji Japanese Steakhouse &amp; Sushi Bar</td>
<td>Restaurant</td>
<td>5701 Longview Rd</td>
</tr>
<tr>
<td>Taco Bell</td>
<td>Restaurant</td>
<td>5704 E Red Bridge Rd</td>
</tr>
<tr>
<td>Burke Alternative Program</td>
<td>Schools</td>
<td>11115 Bennington Avenue</td>
</tr>
<tr>
<td>Barber Shop</td>
<td>Barber / salon</td>
<td>5715 Longview Rd</td>
</tr>
<tr>
<td>Kansas City Missouri Fire Department Station 42</td>
<td>Police / fire</td>
<td>6006 E Red Bridge Rd</td>
</tr>
</tbody>
</table>

**Legend**

- **Point of Interest (POI)**
- **Vulnerable Population**
  - Low to high density
  - <$30k income and/or 1+ comorbidities and/or racial/ethnic minority

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Jackson, MO
29095009500

VALUES & PREFERENCES

52% seek out primary care providers compared to 80% statewide

2% use community and/or retail health clinics compared to 13% statewide

ACCESS FACTORS

COVID-19 METRICS

34.17% Percent Vaccinated

11% 14-Day Change in Case Rate

1,555 # Unvaccinated

9,284 per 100k Cumulative COVID-19 Case Burden

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin of error associated with them.

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POUNDS OF INTEREST
Sites for Outreach & Vaccination Events

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Troost Market</td>
<td>Grocery</td>
<td>8001 Troost Ave</td>
</tr>
<tr>
<td>New Zion Missionary Baptist Church</td>
<td>Worship</td>
<td>8129 Paseo Blvd</td>
</tr>
<tr>
<td>Center Elem.</td>
<td>Schools</td>
<td>8401 Euclid</td>
</tr>
<tr>
<td>Center Alternative</td>
<td>Schools</td>
<td>8434 Paseo</td>
</tr>
<tr>
<td>Cuttin’up Barber Shop</td>
<td>Barber/salon</td>
<td>8117 Troost Ave</td>
</tr>
</tbody>
</table>

Legend
- Point of Interest (POI)
- Vulnerable Population
  (Low to high density)
  <$30k income and/or 1+ comorbidities and/or racial/ethnic minority

Census Tract: 29095009500

Target Census Tract #9 | Vulnerable Population and Points of Interest
Target Census Tract #10 | Key Characteristics

This tract at a glance:

VALUES & PREFERENCES

- 78% seek out primary care providers compared to 80% statewide
- 19% use community and/or retail health clinics compared to 13% statewide

ACCESS FACTORS

- Income Below $30K: 47%
- Net Worth <= $0: 43%
- Lacking Broadband: 21%
- Uninsured: 18%
- Disability: 24%

COVID-19 METRICS

- 34.77% Percent Vaccinated
- 9% 14-Day Change in Case Rate
- 1,636 # Unvaccinated
- 13,554 per 100k Cumulative COVID-19 Case Burden

Note: Data on vaccinations include 1st round Moderna & Pfizer vaccinations and J&J vaccinations, are based on residence of the 18+ individual vaccinated (unless otherwise stated) and are from 8/19/2021. COVID-19 case rate data is a change analysis of rates (cases per 100k) using data from 8/6/21 to 8/20/21. Methodology, data sources, and limitations are available in the Appendix. Full data set provided in corresponding Excel file. All census tract statistics have a margin-of-error associated with them.

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## Vulnerable Population and Points of Interest

**Census Tract:** 29083950100

### Vulnerable Population
- Low to high density
- Income: < $30k
- Comorbidities: 1+
- Racial/Ethnic Minority

### Points of Interest
**Sites for Outreach & Vaccination Events**

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windsor Phillips</td>
<td>Grocery</td>
<td>200 S Main St</td>
</tr>
<tr>
<td>Harold's Supermarket</td>
<td>Grocery</td>
<td>502 S Main St</td>
</tr>
<tr>
<td>First Baptist Church Windsor</td>
<td>Worship</td>
<td>308 S Tebo St</td>
</tr>
<tr>
<td>Grace Community Church</td>
<td>Worship</td>
<td>110 W Florence St</td>
</tr>
<tr>
<td>First Christian Church of Windsor</td>
<td>Worship</td>
<td>211 W Benton St</td>
</tr>
<tr>
<td>Calvary Baptist Church</td>
<td>Worship</td>
<td>508 N Main St</td>
</tr>
<tr>
<td>Windsor High</td>
<td>Schools</td>
<td>210 North St.</td>
</tr>
<tr>
<td>Windsor Elem.</td>
<td>Schools</td>
<td>501 S Main St.</td>
</tr>
<tr>
<td>Henry County Library</td>
<td>Library</td>
<td>105 W Benton St,</td>
</tr>
<tr>
<td>Hair and Beyond Salon and Tannery</td>
<td>Barber / salon</td>
<td>211 S Main St</td>
</tr>
<tr>
<td>Merryfield Pharmacy Inc</td>
<td>Pharmacy</td>
<td>200 W Benton St</td>
</tr>
<tr>
<td>Compass Health Pharmacy</td>
<td>Pharmacy</td>
<td>200 W Florence</td>
</tr>
<tr>
<td>Golden Valley Medical - Windsor</td>
<td>RHC</td>
<td>100 S Tebo</td>
</tr>
</tbody>
</table>

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**Legend**

- **Point of Interest (POI)**
- **Vulnerable Population**
  - (Low to high density)
  - < $30k income and/or 1+ comorbidities and/or racial/ethnic minority
Appendix
For the time period between 8/06/21 and 8/19/21, the change in COVID-19 case rate (per 100,000) is displayed on the left and case rate hotspots (areas with statistically significant changes in case rates in comparison to surrounding areas) are displayed on the right.

**14-Day Case Rate Change**

**14-Day Case Rate Hotspots**

Regions A, E, and F have experienced the highest increase of COVID-19 case rates for the past 2 weeks.

Case rate hotspots persisted in Kansas City (15 within I-435) and St Louis (2 inside I-270), slightly fewer than last week.

Case rate hotspots persisted in several of the outdoor recreation gateways into the Lake of the Ozarks and Mark Twain National Forest regions.

Note: Data normalized by population (per 100,000 residents) per Census Tract. COVID-19 case rate data provided by the State of Missouri as of 8/20/21. Previous 2-week change view provided in the Appendix, along with methodology, data sources, and limitations.
Below are the 10 Census Tracts with the highest COVID-19 Vulnerability Index scores – notably all in the St. Louis and Kansas City areas with low rates of vaccination, significant minority populations, and high rates of low-income households.

<table>
<thead>
<tr>
<th>Vulnerability Index Rank</th>
<th>Census Tract</th>
<th>County</th>
<th>18+ Population</th>
<th>Variables Included in the CVI</th>
<th>Additional Demographic Characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Unvaccinated as of 8/27/21 (%)</td>
<td>Cumulative COVID-19 Case Burden as of 8/27/21 (# per 100k)</td>
</tr>
<tr>
<td>Statewide Census Tract Average</td>
<td></td>
<td></td>
<td></td>
<td>44.64%</td>
<td>10,229</td>
</tr>
<tr>
<td>1</td>
<td>29510106200</td>
<td>St. Louis City</td>
<td>980</td>
<td>57.35%</td>
<td>9,632</td>
</tr>
<tr>
<td>2</td>
<td>29095013203</td>
<td>Jackson County</td>
<td>2,837</td>
<td>60.91%</td>
<td>13,748</td>
</tr>
<tr>
<td>3</td>
<td>29189212002</td>
<td>St. Louis County</td>
<td>2,196</td>
<td>52.73%</td>
<td>21,357</td>
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<tr>
<td>4</td>
<td>29095005602</td>
<td>Jackson County</td>
<td>1,321</td>
<td>59.05%</td>
<td>11,096</td>
</tr>
<tr>
<td>5</td>
<td>29189212200</td>
<td>St. Louis County</td>
<td>5,797</td>
<td>59.29%</td>
<td>6,498</td>
</tr>
<tr>
<td>6</td>
<td>29189213900</td>
<td>St. Louis County</td>
<td>1,389</td>
<td>61.70%</td>
<td>9,076</td>
</tr>
<tr>
<td>7</td>
<td>29189213800</td>
<td>St. Louis County</td>
<td>4,763</td>
<td>60.47%</td>
<td>9,840</td>
</tr>
<tr>
<td>8</td>
<td>29189212102</td>
<td>St. Louis County</td>
<td>2,286</td>
<td>65.27%</td>
<td>6,765</td>
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<tr>
<td>9</td>
<td>29510107500</td>
<td>St. Louis City</td>
<td>2,287</td>
<td>63.27%</td>
<td>8,634</td>
</tr>
<tr>
<td>10</td>
<td>29095006000</td>
<td>Jackson County</td>
<td>1,277</td>
<td>58.73%</td>
<td>12,811</td>
</tr>
</tbody>
</table>

**Note:** Data on vaccinated individuals are based on 1st round Moderna & Pfizer vaccinations and J&J vaccinations, based on the residence of the individual (18+) vaccinated, and as of 08/27/21. COVID-19 case rate provided by the State of Missouri as of 8/27/21. Methodology, data sources, and limitations are available in the Appendix.
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