## ST. LOUIS, MISSOURI

The housing sites included in this assessment are the following:

Site Name	J40	Address	Housing Provider	URL
La Salle Park Apartments	yes	1001 Hickory Pl, St. Louis, MO 63104	St Louis Housing Authority	https://www.slha.org/properties-amenities/lasalle-park/
King Louie III Square	no	1520 S 13th St, St. Louis, MO 63104	St Louis Housing Authority	https://www.slha.org/properties-amenities/king-louis-square-iii/
North Sarah	yes	1024 N Sarah St, St. Louis, MO 63113	McCormack Baron	https://www.slha.org/properties-amenities/north-sarah/
Arlington Grove	yes	5547-55 Dr. Martin Luther King Drive, St. Louis, MO 63112	McCormack Baron	https://www.slha.org/properties-amenities/arlington-grove/
Murphy Park	yes	1920 Cass Ave, St. Louis, MO 63106	McCormack Baron	https://www.murphyparkapts. com/?p=1&nocache=1&utm_k nock=gmb
McCormack House	no	4575 Cadet Ave, St. Louis, MO 63110	McCormack Baron	https://www.mccormackhouse atfpseapts.com/?utm_knock=g mb
Renaissance Place at Grand	yes	1001 N Compton Ave, St. Louis, MO 63106	McCormack Baron	https://www.renaissanceplace atgrandapts.com/?p=1&nocach e=1&utm_knock=gmb
Parson's Place	yes	1060 N 18th St, East St Louis, IL 62205	McCormack Baron	https://www.parsonsplaceapts. com/

As noted in the "Method" section at the end of this document, US Census Block Group (BG)data represents a significant data source for this analysis. These data include the housing sites, but should be interpreted with caution as the BG may not coincide fully with residents of each site. Justice40 (J40) sites that are located in Justice40 communities designated in the <u>Climate and Economic Justice Screening Tool</u> (CEJST) that identifies disadvantaged communities that are marginalized and overburdened by pollution and underinvestment.

# City Overview

This assessment includes seven sites in St Louis and one (Parson's Place) in East St. Louis, Illinois. Three of the sites are located on the edge of the downtown St. Louis area, include: Murphy Park, located on the northwest edge of downtown; La Salle Park apartments, located on the southern edge of downtown, and King Louis Square, located just past La Salle Park Apartments. Renaissance Place at Grand is about 1.5 miles northwest of downtown along MLK Drive. Further west along the MLK drive corridor are North Sarah, about 2.5 miles from downtown, and Arlington Grover, about 5 miles from downtown. McCormack House is located about 3.5 miles west of downtown along Manchester Avenue.

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As shown in Figure 1, six of the sites is located in a J40 disadvantaged tract. The tracts with the darker sharing indicate greater transportation barriers (higher relative cost and time spent on transportation relative to other tracts<sup>1</sup>).

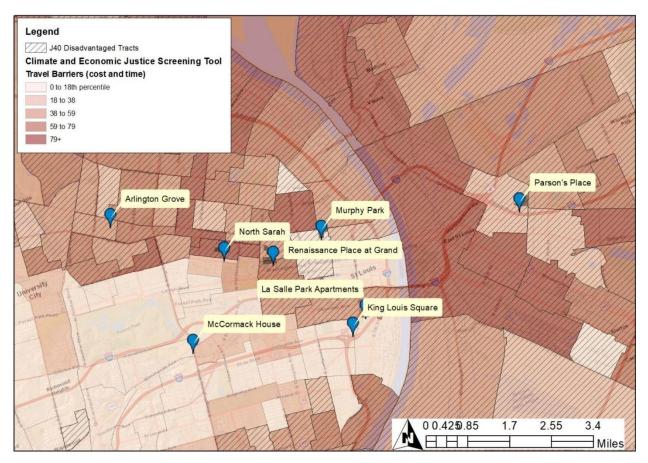


Figure 1. St Louis sites mapped with J40 tracts (hashed area) and relative travel barriers (shading)

### HOUSEHOLD LANGUAGES SPOKEN

Language information, particularly areas with limited English households, can help reveal barriers that residents may face in learning about and utilizing car share, as well as inform possible outreach and service needs. Of the St. Louis sites, there are very few limited English households, with only a few in the McCormack House area.

<sup>&</sup>lt;sup>1</sup> See "transportation barriers" on the Climate and Economic Justice Screening tool "Methodology" web page: <a href="https://screeningtool.geoplatform.gov/en/methodology">https://screeningtool.geoplatform.gov/en/methodology</a>

	English only	Limited English	Spani	sh	Other Ir Europe lang	ean	Asian / F Island l		Other la	ang.
	Office	only (total)		Not	Limited English	Not	Limited English	Not	Limited English	Not
La Salle Park Apts	91%	0%	0%	0%	0%	2%	0%	0%	0%	6%
King Louie III	96%	0%	0%	1%	0%	1%	0%	2%	0%	о%
North Sarah	96%	0%	0%	0%	0%	0%	0%	0%	0%	4%
Arlington Grove	93%	0%	0%	0%	0%	3%	0%	0%	0%	4%
Murphy Park	95%	0%	0%	5%	0%	0%	0%	0%	0%	0%
McCormack House	83%	2%	0%	3%	0%	3%	1%	8%	1%	1%
Renaiss. Place at Grand	97%	0%	0%	0%	0%	0%	0%	3%	0%	0%
Parson's Place	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%
City: St. Louis	90%	2%	ο%	3%	1%	3%	1%	2%	0%	1%

(Source: 2021 ACS 5-yr BG data)

## HISPANIC/LATINO AND NOT HISPANIC/LATINO BY RACE

Information about race and ethnicity can help to understand the diversity of the area surrounding study sites, which can help inform outreach strategies. This section is closely related to household languages spoken, particularly Spanish. Six of the sites are predominantly Black or African-American, including La Salle Park Apartments, North Sarah, Arlington Grove, Murphy Park, Renaissance Place, and Parson's Place. King Louie III is about one third Black or African American and 56% white. McCormack House is about one third Black or African American, 45% white, and 10% Asian.

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	Hisp.	Not Hi	spanic or La	tino				
	or Latino	White alone	Black or African American alone	American Indian / Alaska Native alone	Asian alone	Native Hawaiian / Pacific Islander alone	Some Other Race alone	Two or more races
La Salle Park Apts	1%	11%	82%	1%	0%	0%	0%	5%
King Louie III	3%	56%	34%	0%	2%	0%	1%	4%
North Sarah	2%	3%	91%	0%	0%	0%	1%	3%
Arlington Grove	0%	1%	95%	0%	0%	0%	0%	4%
Murphy Park	1%	2%	92%	0%	1%	0%	0%	4%
McCormack House	3%	45%	34%	0%	10%	0%	3%	5%
Renaiss. Place at Grand	2%	5%	89%	0%	0%	ο%	1%	4%
Parson's Place	0%	0%	96%	0%	0%	0%	1%	2%
City: St. Louis	5%	43%	43%	ο%	4%	ο%	1%	4%

(Source: 2021 ACS 5-yr BG data)

#### HOUSEHOLD LEVEL

Household level factors such as household size and income level can help to understand residents' travel needs and budgets, and gauge the potential market and impact of reduced car share rates. Arlington Grove and La Salle Park Apartments have the average largest household sizes, at 4.1 and 3.5 respectively, while other sites are around 1.8 to 2.8. The areas around Murphy Park, Parson's Place and La Salle Park have the lowest median incomes (all around one-third to half the St. Louis median). The areas around King Louie II and McCormack House are above the St. Louis median.

	Percentage renter occupied	Average household size	Median Income (BG)	Median Income (Tract)
La Salle Park Apts	77%	3.5	\$24,034	\$51,076
King Louie III	48%	1.9	\$76,776	\$75,448
North Sarah	76%	2.3	\$39,886	\$30,357
Arlington Grove	49%	4.1	\$39,702	\$45,068
Murphy Park	96%	1.8	\$14,512	\$25,457
McCormack House	66%	1.9	\$62,656	\$52,889
Renaiss. Place at Grand	100%	2.8	Not available	\$29,631
Parson's Place	88%	2	\$17,000	\$20,380
City: St. Louis	55%	2.1	\$48,751	\$48,751

(Sources: 2021 ACS 5-yr BG and Census Tract data)

### RESIDENT AGE AND POVERTY

Resident age can help understand the proportion of the population that is working age and older adult populations. Information about the proportion of the population living at or below poverty level can help reveal potential market and impact of reduced car share rates. The La Salle Park area has a very high proportion of working age residents (92%), while King Louie III and McCormack House are roughly in line with the city average of 67%. Other sites range from 47% to 58%. The percentage of population below poverty is above the city average of 20% at a number of sites, particularly Parson's place (52%), Murphy Park (38%), and North Sarah (34%). Figure 2 shows the tracts with a higher proportion of residents living at or below 100% of the poverty level (shading by percentile among US tracts).

	Percentage of population age:		Percentage be	)	
	18 to 64	65+	Total (tract)	Ages 18 to 64	Ages 65+
La Salle Park Apts	92%	5%	25%	26%	24%
King Louie III	73%	13%	20%	18%	8%
North Sarah	58%	12%	34%	34%	20%
Arlington Grove	57%	15%	16%	14%	19%
Murphy Park	51%	28%	38%	32%	48%
McCormack House	68%	16%	21%	23%	26%
Renaiss. Place at Grand	57%	15%	23%	23%	27%
Parson's Place	47%	13%	52%	39%	15%
City: St. Louis	67%	14%	20%	18%	15%

(Sources: 2021 ACS 5-yr BG and Census Tract data)

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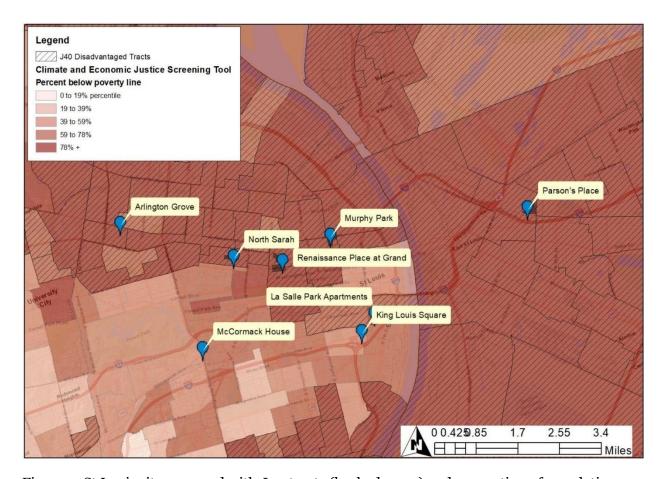


Figure 2. St Louis sites mapped with J40 tracts (hashed areas) and proportion of population below the poverty level (shading)

# Household vehicles and commuting

#### CAR OWNERSHIP

Zero-car households may be an indicator of need or market for alternative transportation modes. In addition, the proportion of single and multi-car households can reveal opportunities for car share. Murphy Park (70%) and Parson's Place (63%) are both well over half zero-car households, while North Sarah (46%) and Arlington Grove (41%) are also well over the St. Louis average of 29% zero-car households. Renaissance Place and McCormack House are relatively high car ownership, with fewer zero-car households and more 2-plus-car households compared to the St. Louis average.

HH car ownership	Zero-car HHs	One-car HHs	Two-plus-car HHs				
	Among renter occupied units						

La Salle Park Apartments	26%	50%	23%
King Louie III Square	32%	57%	11%
North Sarah	46%	41%	13%
Arlington Grove	41%	59%	0%
Murphy Park	70%	27%	3%
McCormack House	20%	52%	28%
Renaissance Place at Grand	14%	39%	47%
Parson's Place	63%	37%	0%
City: St. Louis	29%	50%	21%

(Source: 2021 ACS 5-yr BG data)

#### COMMUTE MODE

Commute mode information provides some insight into currently available and used travel modes, at least for work trip purposes. Each of the St. Louis sites has very different commute mode patterns. Renaissance place is predominantly drive alone, while La Salle Park Apartments is 95% commute by car, but with nearly half of that being carpool trips. King Louie III, McCormack House and North Sarah are predominantly drive alone commuters, but with a mix of walk, transit and carpool trips as well. Arlington Grove, Murphy Park and Parson's Place are more multimodal with between half and quarter of trips happening by non-car modes.

	Percent of	Commute Mode						
	residents who commute	Drive Alone	Carpool	Public Transit	Walk	Taxi, motorcycle, bicycle, other		
La Salle Park Apartments	33%	53%	42%	5%	0%	0%		
King Louie III Square	61%	81%	3%	4%	12%	0%		
North Sarah	30%	70%	10%	17%	ο%	3%		
Arlington Grove	44%	49%	7%	31%	12%	0%		
Murphy Park	32%	22%	43%	16%	11%	9%		
McCormack House	53%	74%	1%	7%	15%	3%		
Renaissance Place at Grand	56%	88%	7%	5%	0%	0%		
Parson's Place	22%	57%	19%	23%	1%	0%		
City: St. Louis	45%	78%	7%	7%	5%	2%		

(Source: 2021 ACS 5-yr BG data)

### PERCENTAGE OF COMMUTERS WITH 45+ MINUTE COMMUTES BY MODE

Commute mode travel information provides some insight on the length of time individuals need to travel to work. Often transit dependent individuals spend significantly longer in getting to and from work. Parson's Place and Murphy Park

residents are more likely to experience long commutes. In both the City of St. Louis and at most of these sites, transit trips are the most likely to experience such long commutes.

45+ Minute commutes by	All commuters	Drive Alone	Carpool	Public Transit	Walk	Taxi, motorcycle, bicycle, other
La Salle Park Apartments	0%	0%	0%	0%	n/a	n/a
King Louie III Square	5%	1%	0%	100%	0%	n/a
North Sarah	10%	7%	0%	24%	n/a	0%
Arlington Grove	13%	18%	0%	14%	0%	n/a
Murphy Park	16%	0%	0%	100%	0%	0%
McCormack House	4%	4%	0%	12%	0%	0%
Renaissance Place at Grand	2%	0%	0%	34%	n/a	n/a
Parson's Place	22%	ο%	ο%	95%	0%	n/a
City: St. Louis	9%	6%	8%	51%	1%	13%

(Source: 2021 ACS 5-yr BG data)

## Walkability

#### **WALK SCORE**

Walk Score (Walkscore.com) provides an all-in-one metric for gauging the walkability of a place based on a proprietary algorithm for accessing a set of defined key destination types. Scores range from o (completely car dependent) to 100 (all errands can be done by walking) <sup>2</sup>. Walkable neighborhoods and car share can be contributing factors to helping people accomplish daily needs without owning a car. The Walk Score for the sites are listed below. King Louie III, La Salle Park, Renaissance Place, and McCormack House are all better than the St. Louis average score and in the "very walkable" or above category, meaning most errands can be done by walking. Of the other sites, Parson's Place has the lowest ranking.

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<sup>&</sup>lt;sup>2</sup> Walk Score Ratings: 90–100 Walker's Paradise (Daily errands do not require a car); 70–89 Very Walkable (Most errands can be accomplished on foot); 50–69 Somewhat Walkable (Some errands can be accomplished on foot); 25–49 Car-Dependent (Most errands require a car); 0–24 Car-Dependent (Almost all errands require a car)

	Walk Score Rating
La Salle Park Apartments	82
King Louie III Square	90
North Sarah	55
Arlington Grove	54
Murphy Park	46
McCormack House	72
Renaissance Place at Grand	78
Parson's Place	21
City: St. Louis	66

(Source: walkscore.com)

#### KEY DESTINATIONS

Another way to assess walkability for everyday needs is to look at distances to key destinations, particularly to daily services (groceries, pharmacies, and schools) but also for medical services and other essential services. King Louie II and Renaissance Place both have key destinations such as grocery and pharmacy locations, within half a mile. Despite the relatively high Walk Scores, La Salle Park and McCormack House do not have these destinations within a mile.

Distance to:	Grocery	Pharm.	Hardware	Hosp. / ER	Urgent care	Elem. school	High school
La Salle Park Apts	1.1 (Fields Foods)	1.1 (Walgreens)	1.1 (Edele & Mertz)	2.7 (SSM Health)	2.6 (Concent ra)	0.4 (Madiso n)	1.6 (Riverview Gardens)
King Louie III	0.2 (Fields Foods)	0.2 (Walgreens)	o.7 (Edele & Mertz)	2.7 (SSM Health)	2.4 (Total Access)	0.4 (Peabod y)	1.8 (Riverview Gardens)
North Sarah	0.7 (Schnucks Lindell)	0.7 (CVS)	0.9 (New Market Hardware)	2.2 (SSM Health)	2.2 (Concent ra)	1.0 (Field)	0.4 (Griscom)
Arlington Grove	o.8 (Save A Lot)	0.9 (Walgreens)	3.5 (New Market Hardware)	2.9 (Barnes Jewish Hospital)	0.9 (North City)	0.3 (Ford)	1.6 (Normandy )
Murphy Park	o.8 (GreenLeaf Market)	1.3 (Walgreens)	o.8 (Marx Hardware & Paint)	3.3 (SSM Health)	2.1 (Concent ra)	0.3 (Jeffers on)	1.0 (Vashon)
McCormack House	1.5 (Whole Foods)	1.3 (Walgreens)	1.5 (New Market Hardware)	1.0 (Barnes Jewish Hospital)	2.0 (Total Access)	o.6 (SLPS Adams)	1.9 (Metro Academic and Classical)
Renaiss. Place at Grand	o.5 (Save A Lot)	0.5 (Walgreens)	1.9 (New Market)	1.9 (SSM Health)	0.9 (Concent ra)	0.2 (Carver)	0.5 (Vashon)
Parson's Place	1.2 (Gateway Market)	1.3 (Walgreens)	5.1 (Marx Hardware & Paint)	2.1 (Touchette Regional Hospital)	6.6 (Concent ra)	1.5 (Officer	2.7 (East St. Louis Senior)

(Distance in miles. Source: Google Maps)

#### HOUSING AND JOBS DENSITY

Housing and employment densities provide information about the concentration of people and businesses in an area, which can inform the potential market or user base of a service. Employment density and ratios of jobs to households can also provide insight into the potential for local residents to easily access businesses and jobs. King Louie II is well above the city average of residential and population density; to a lesser degree, so are North Sarah, Arlington Grove, McCormack House, and Renaissance Place. In contrast, La Salle Park Apartments and Murphy Park (along with Renaissance Place) are denser than the city average in terms of employment.

	Gross resid. density (HU/acre)	Gross pop. density (people/acre)	Gross empl. density (jobs/acre)	Jobs per household³
La Salle Park Apts	0.6	2	15.8	27.1
King Louie III	22.7	43.6	8	0.4
North Sarah	5.7	13.3	2.1	0.4
Arlington Grove	3.5	14.3	2	0.6
Murphy Park	2.2	3.9	7.2	3.3
McCormack House	9.5	17.7	2.2	0.2
Renaiss. Place at Grand	5.6	15.8	6.9	1.2
Parson's Place	0.9	1.7	0.5	0.6
City: St. Louis	3.6	7•7	4.0	1.1

(SLD and US Census)

#### **Transit access**

Transit can be a useful means of transportation if people can easily get to a transit stop (bus or light rail), the service is relatively frequent, and it gets them where they need to go. Walk Score (Walkscore.com) also provides a Transit Score metric, which gauges access to destinations by transit. Transit scores for most of the sites do not vary much from the city average of 43. However, La Salle Park Apartments and McCormack House stand out as being able to access more transit trips per week, and accessing more jobs within a 30-minute transit trip.

Transit access stats	Transit Score	Transit Routes within ½ Mile	Transit Trips per Week within ½ Mile	Jobs Accessible in 30-minute trip	Commuters Who Use Transit
La Salle Park Apts	56	31	21,865	310,465	4.84%
King Louie III	48	9	4,140	204,940	7.24%
North Sarah	42	8	5,859	256,841	12.24%
Arlington Grove	n/a	7	2,662	162,884	11.26%
Murphy Park	42	17	6,214	219,001	7.14%
McCormack House	49	13	13,488	334,977	10.95%
Renaiss. Place at Grand	45	8	5,068	239,223	19.26%
Parson's Place	55	10	7,440	175,760	13.23%
City: St. Louis	43	7	4,495	199,125	9.86%

(Source: Transit Score from Walkscore.com. All other data from alltransit.cnt.org)

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<sup>&</sup>lt;sup>3</sup> EPA notes that "An employment to housing ratio in the range of 0.75 to 1.5 is considered beneficial for reducing vehicle miles traveled" (https://enviroatlas.epa.gov/enviroatlas/datafactsheets/pdf/supplemental/employmenthousingratio.pdf)

## Other transport

Zipcar is not available in St. Louis. Lime and Bird offer e-scooter share in St. Louis, and serve the areas near La Salle Park Apartments, King Louie II, Murphy Park, and Renaissance Place.

	Bike Score	Bike Share available within 1/4 Mile	Scooter Share available within 1/4 Mile	Car sharing available within 1/4 Mile
La Salle Park Apts	63	No	Yes	No
King Louie III	52	No	Yes	No
North Sarah	53	No	No	No
Arlington Grove	59	No	No	No
Murphy Park	54	No	Yes	No
McCormack House	85	No	No	No
Renaiss. Place at Grand	56	No	Yes	No
Parson's Place	32	No	No	No
City: St. Louis	58	No	Select areas	No

(Source: Bike Score from Walkscore.com; Bike and Scooter share data from US Bureau of Transportation Statistics <a href="https://data.bts.gov/stories/s/Bikeshare-and-e-scooters-in-the-U-S-/fwcs-jprj/">https://data.bts.gov/stories/s/Bikeshare-and-e-scooters-in-the-U-S-/fwcs-jprj/</a>; Zipcar data from Google Maps and Zipcar.com)

## St. Louis Summary

#### **OVERVIEW**

- Language barriers do not appear to be a concern at the St. Louis sites.
- Arlington Grove and La Salle Park Apartments have large average household sizes, and larger capacity vehicles should be considered.
- Murphy Park (70%) and Parson's Place (63%) are both well over half zero-car households, while North Sarah (46%) and Arlington Grove (41%) are also well over the St. Louis average of 29% zero-car households.

## **LIMITATIONS**

• Note that most of the data utilized in this assessment is based on the block group(s) which make up the preponderance of the site location, and the tract in which the site is located. These do not in most cases directly correlate to residents of the sites, as they often include residents of some adjacent blocks. The Methods section provides some additional detail on the block group as it relates to the individual sites.

 Relatedly, ACS 2021 5-year data is used for many Census variables, and would not, for example, include details on residents who had moved into the site since 2021.

#### Method

This basic transportation needs assessment is a review of transportation, sociodemographic and built environment data for the site.

Key data sources include the US Census American Community Survey (2021 5-year data in most cases), the 2020 Decennial US Census, the TransitCenter's AllTransit tool (<a href="https://alltransit.cnt.org/">https://alltransit.cnt.org/</a>), Walk Score (Walkscore.com), the US EPA Smart Location Database ("SLD"; <a href="https://www.epa.gov/smartgrowth/smart-location-mapping">https://www.epa.gov/smartgrowth/smart-location-mapping</a>), and calculations using mapping software include ArcMap and Google Maps.

**Primary address:** For analyses utilizing walkscore.com, alltransit.cnt.org, and proximity to various specific types of destination, we utilize the primary address provided for each site, generally representing the building mailing address (for individual buildings) and/or housing site office. For larger multi-building complexes, the actual access information would be expected to vary slightly for residents housed elsewhere in the community.

**Census data:** A major component of the data in this analysis is based on census block group, or in a few cases, census tract data. In cases where a site made up less than a block group, the data presented is for the entire block group. In cases where a site made up more than 1 block group, or a portion of multiple block groups, we first looked to see if one single BG made up the preponderance of the site (and if so, data is present for that BG), or if significant portions of the site were split between multiple BGs, in which case we took the average of those BGs. See the table below for information about the BG used for each site.

2020 Census BG and Tract info	Primary Address	BG	BG notes	Tract
La Salle Park Apartments	1001 Hickory Pl, St. Louis, MO 63104	Block Group 1, Census Tract 1274, St. Louis city, Missouri		Census Tract 1274, St. Louis city, Missouri
King Louie III Square	1520 S 13th St, St. Louis, MO 63104	Block Group 1, Census Tract 1232, St. Louis city, Missouri	The BG has a massive interchange within it as well as a big greenspace.	Census Tract 1232, St. Louis city, Missouri
North Sarah	1024 N Sarah St, St. Louis, MO 63113	Combination of Block Group 1, Census Tract 1111, St. Louis city, Missouri; Block Group 2, Census Tract 1111, St. Louis city, Missouri	The BG seems suburban residential	Census Tract 1111, St. Louis city, Missouri
Arlington Grove	5547-55 Dr. Martin Luther King Drive, St. Louis, MO 63112	Block Group 3, Census Tract 1065, St. Louis city, Missouri		Census Tract 1065, St. Louis city, Missouri
Murphy Park	1920 Cass Ave, St. Louis, MO 63106	Block Group 1, Census Tract 1275, St. Louis city, Missouri		Census Tract 1275, St. Louis city, Missouri

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McCormack House	4575 Cadet Ave, St. Louis, MO 63110	Block Group 2, Census Tract 1186, St. Louis city, Missouri	Located in far SW corner of BG in a residential area.	Census Tract 1186, St. Louis city, Missouri
Renaissance Place at Grand	1001 N Compton Ave, St. Louis, MO 63106	Block Group 1, Census Tract 1212, St. Louis city, Missouri	The BGs contain a lot of museums and schools as well as housing. Principally in 295101212001	Census Tract 1212, St. Louis city, Missouri
Parson's Place	1060 N 18th St, East St Louis, IL 62205	Block Group 1, Census Tract 5046, St. Clair County, Illinois		Census Tract 5046, St. Clair County, Illinois