

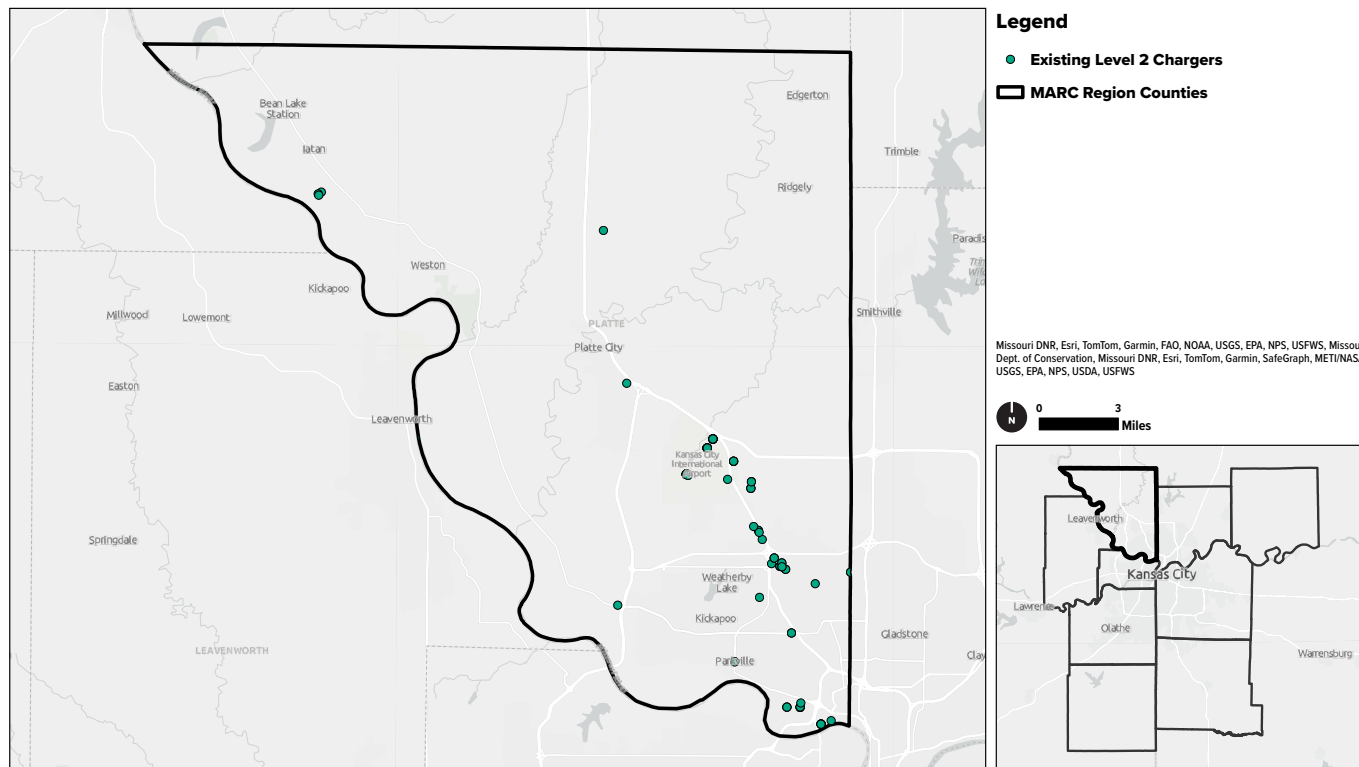


8. Appendix



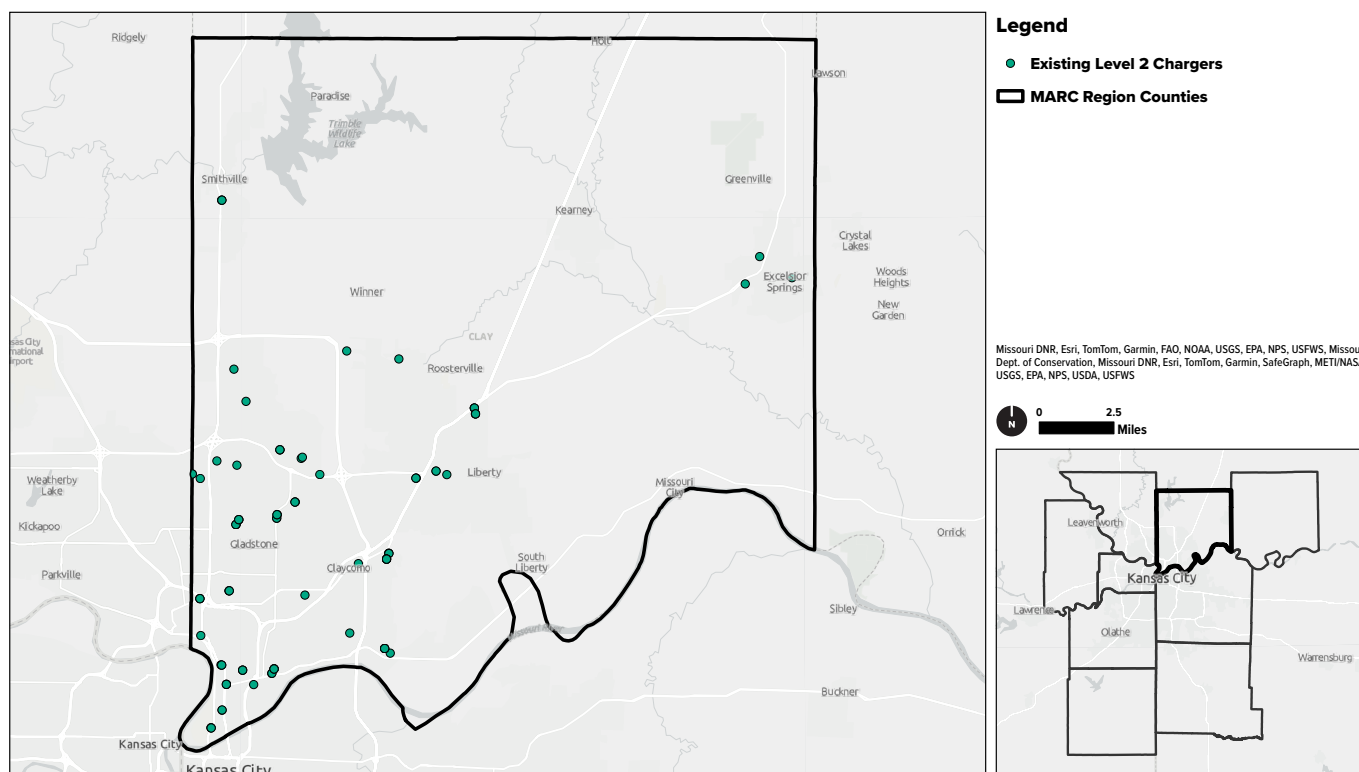
8.1 County-Level Supporting Figures

8.1.1 Level 2 Chargers



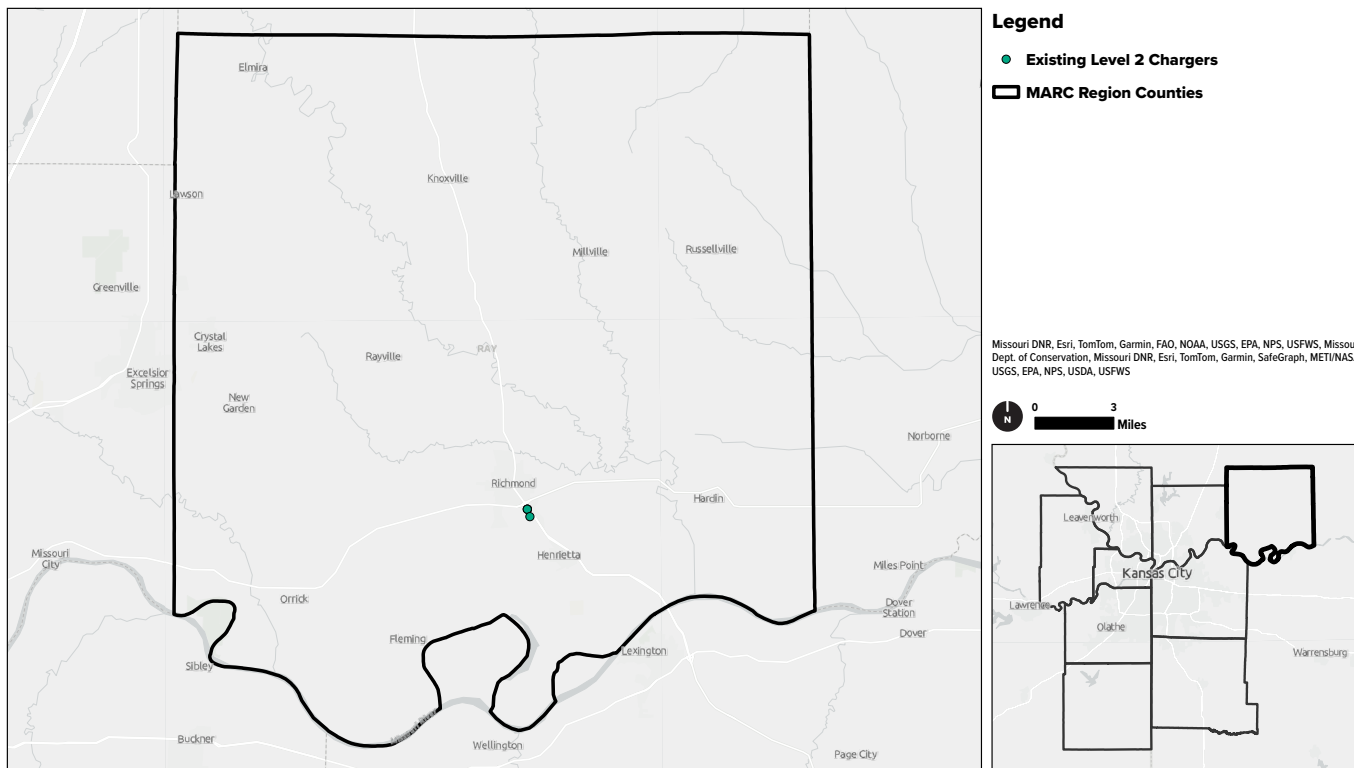
Level 2 Chargers

Platte County, MO



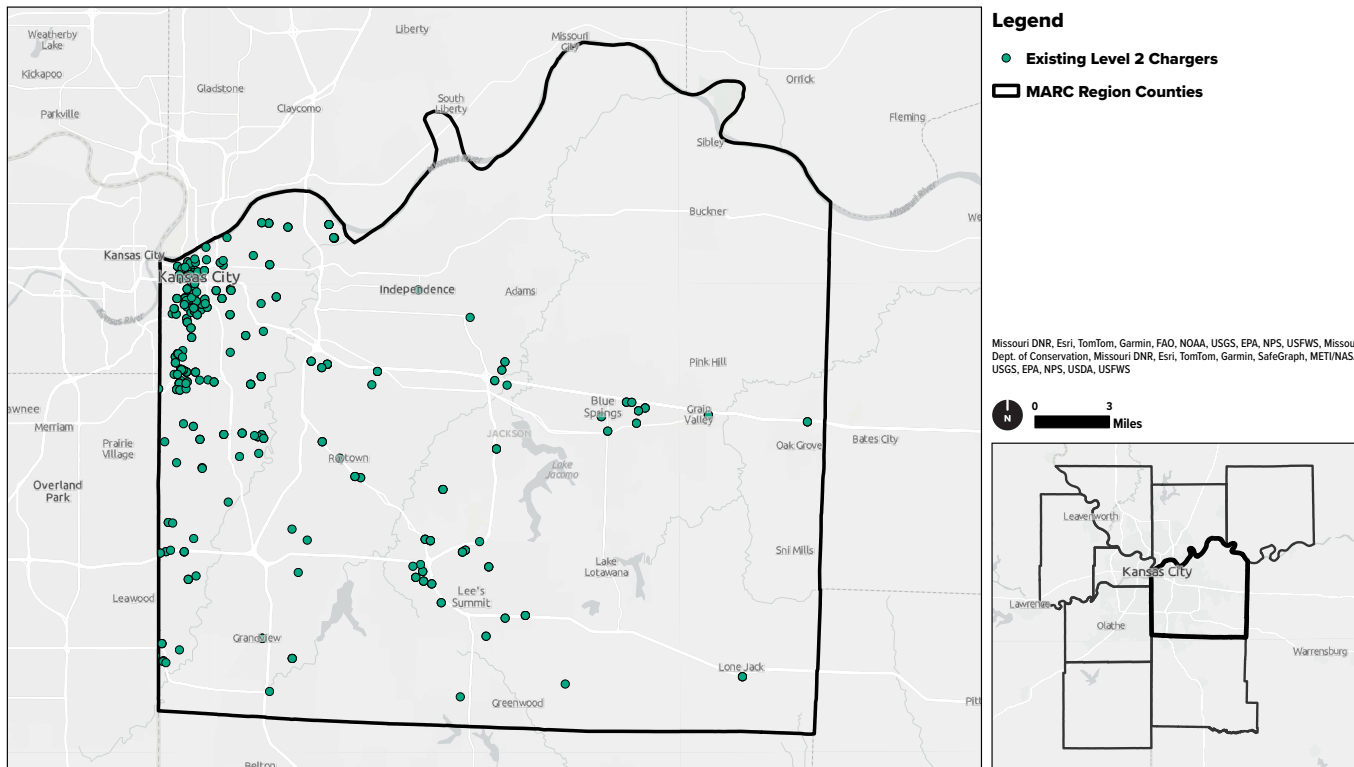
Level 2 Chargers

Clay County, MO



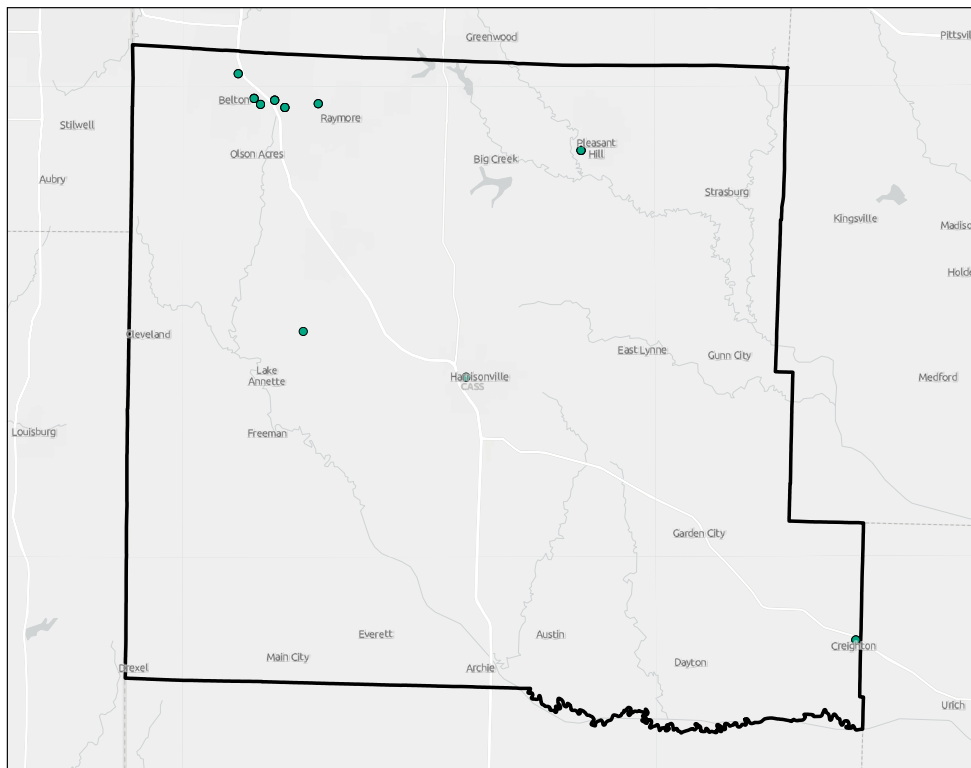
Level 2 Chargers

Ray County, MO



Level 2 Chargers

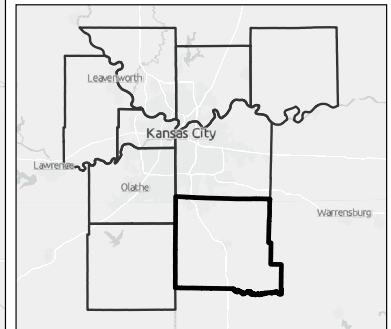
Jackson County, MO



Legend

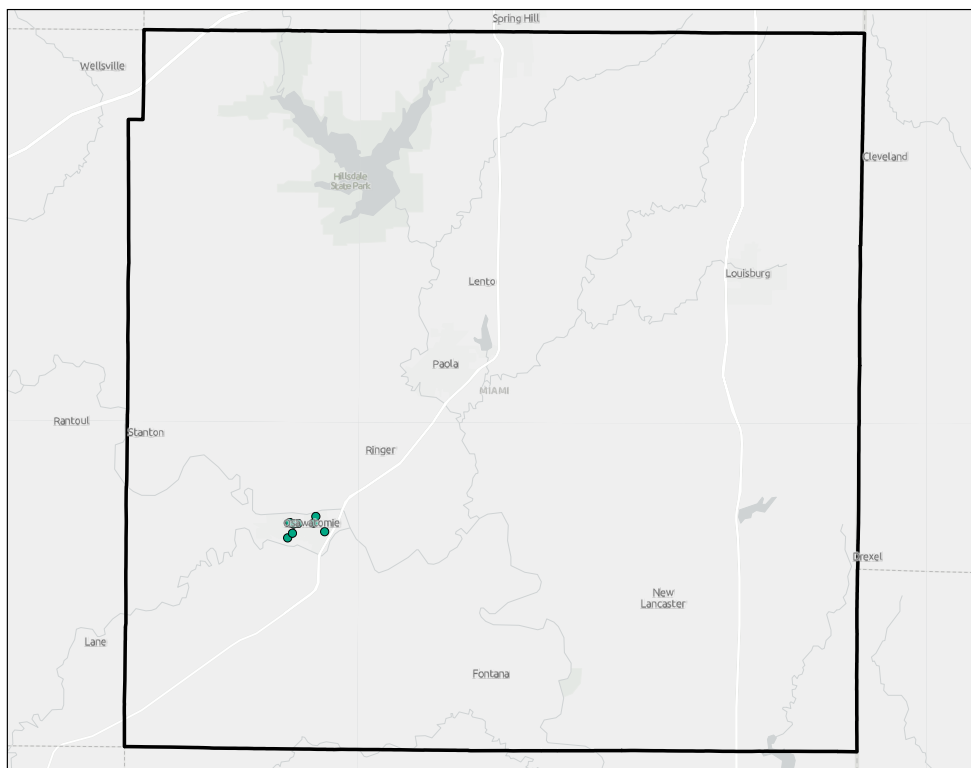
- Existing Level 2 Chargers
- ▭ MARC Region Counties

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS



Level 2 Chargers

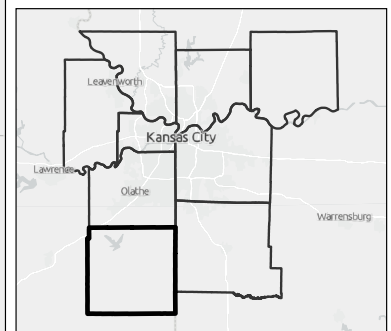
Cass County, MO



Legend

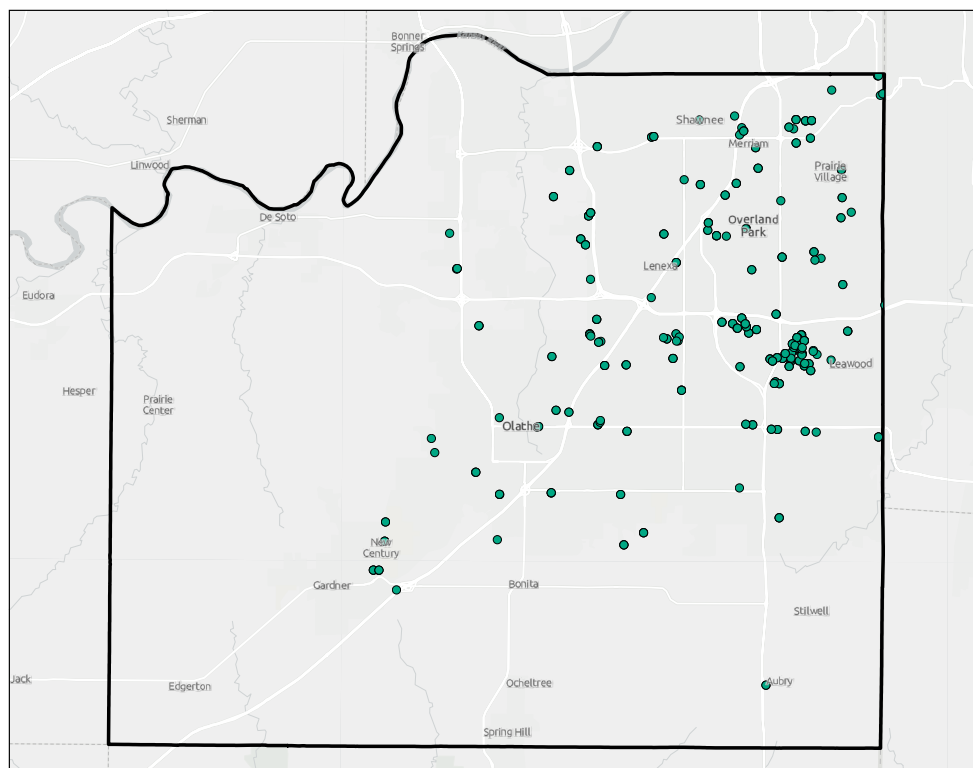
- Existing Level 2 Chargers
- ▭ MARC Region Counties

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS



Level 2 Chargers

Miami County, KS

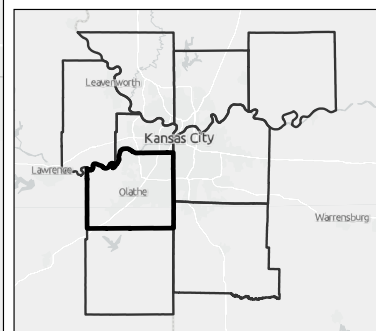


Legend

- Existing Level 2 Chargers
- ▭ MARC Region Counties

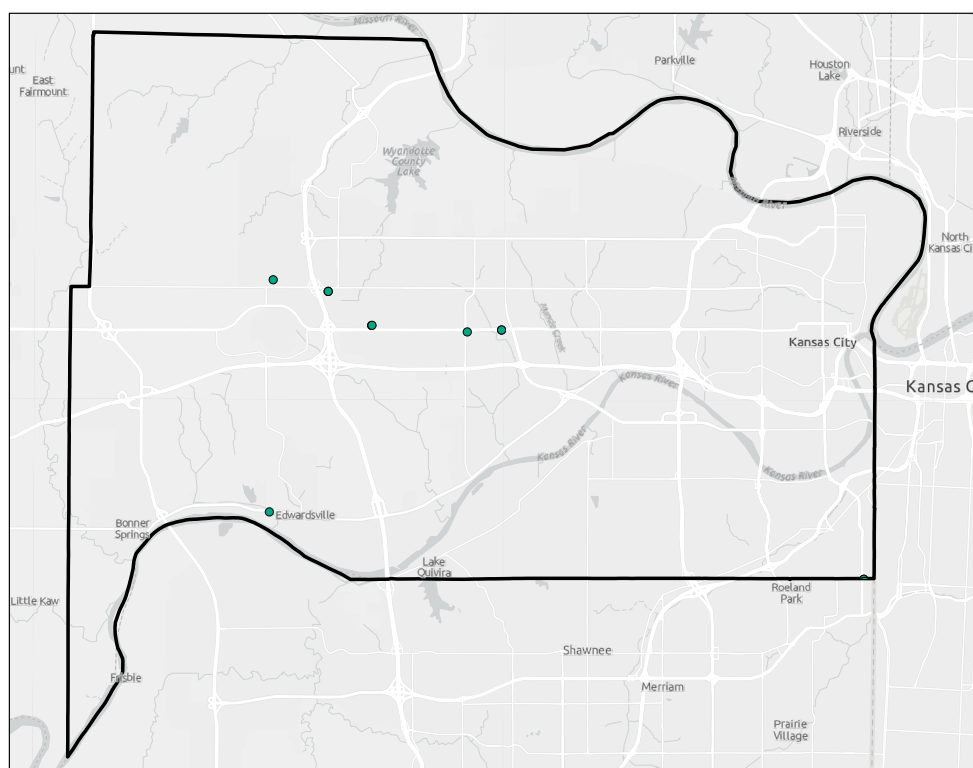
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0 2 Miles



Level 2 Chargers

Johnson County, KS

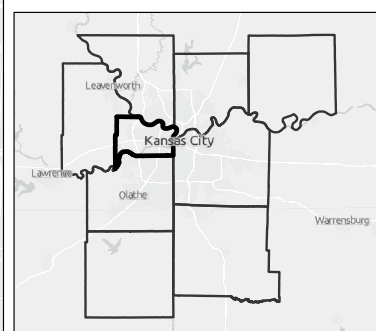


Legend

- Existing Level 2 Chargers
- ▭ MARC Region Counties

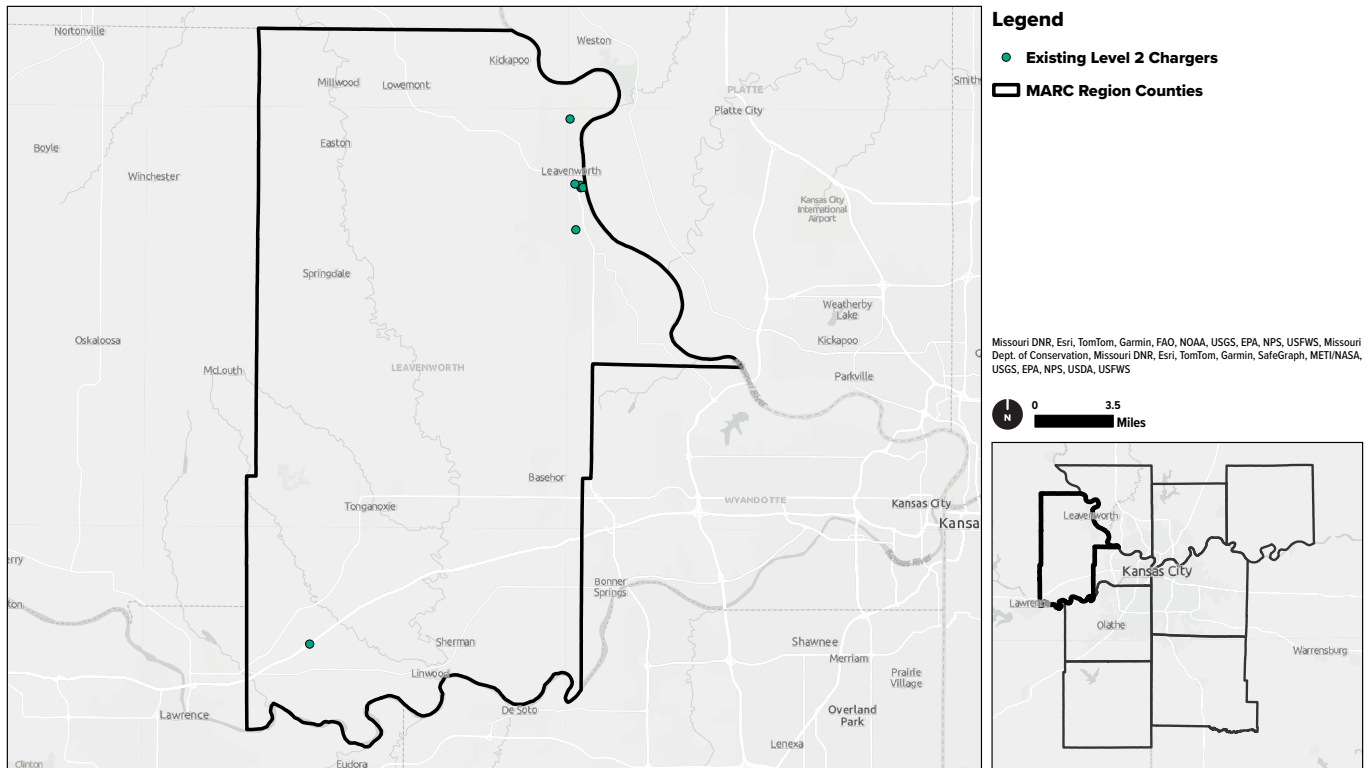
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Unified Gov of Wyandotte Co, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 1.5 Miles



Level 2 Chargers

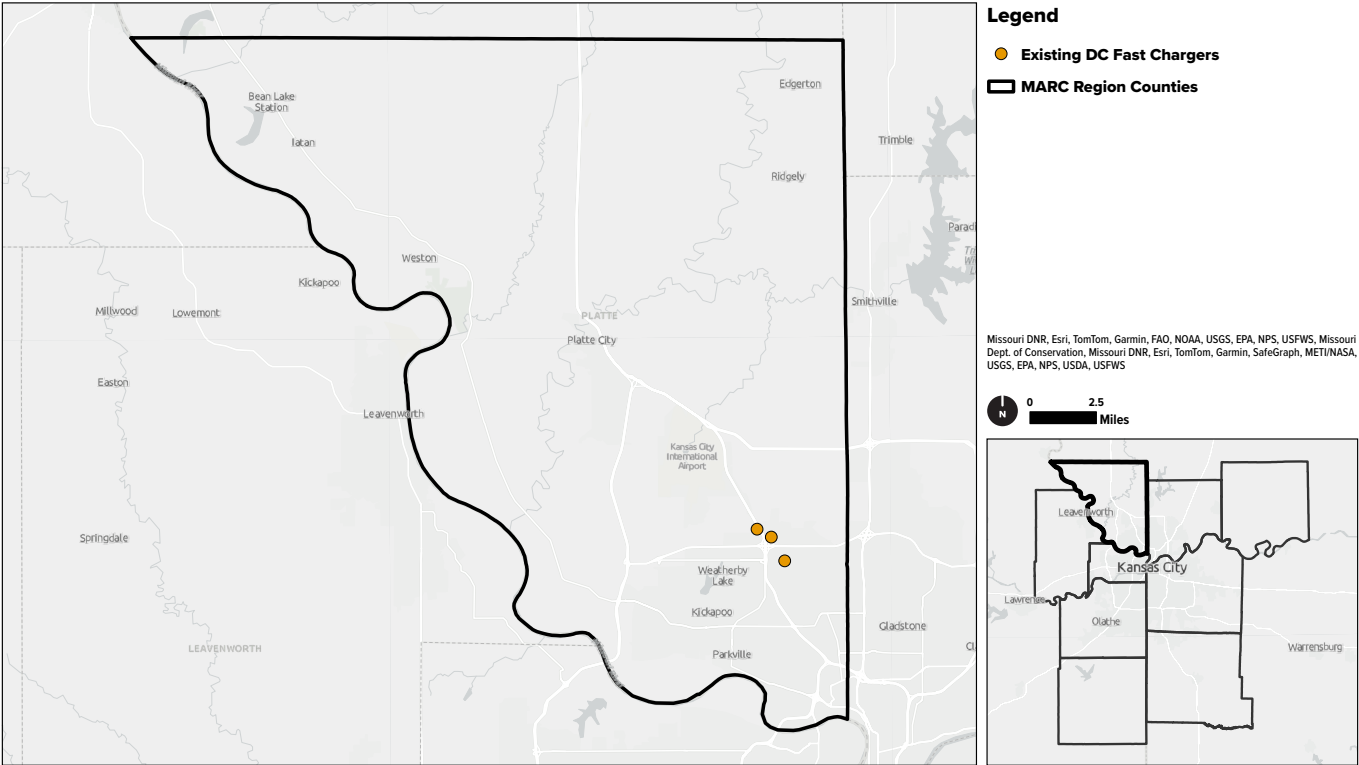
Wyandotte County, KS



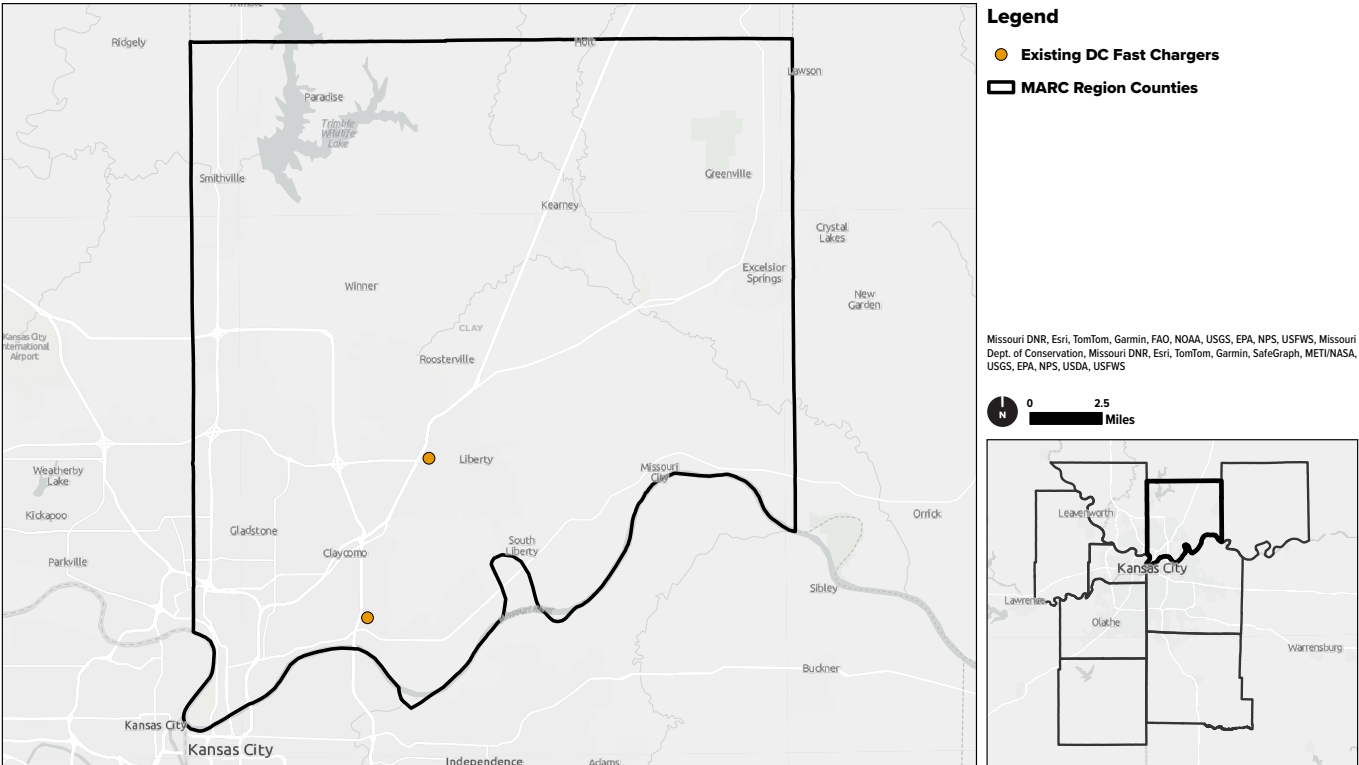
Level 2 Chargers

Leavenworth County, KS

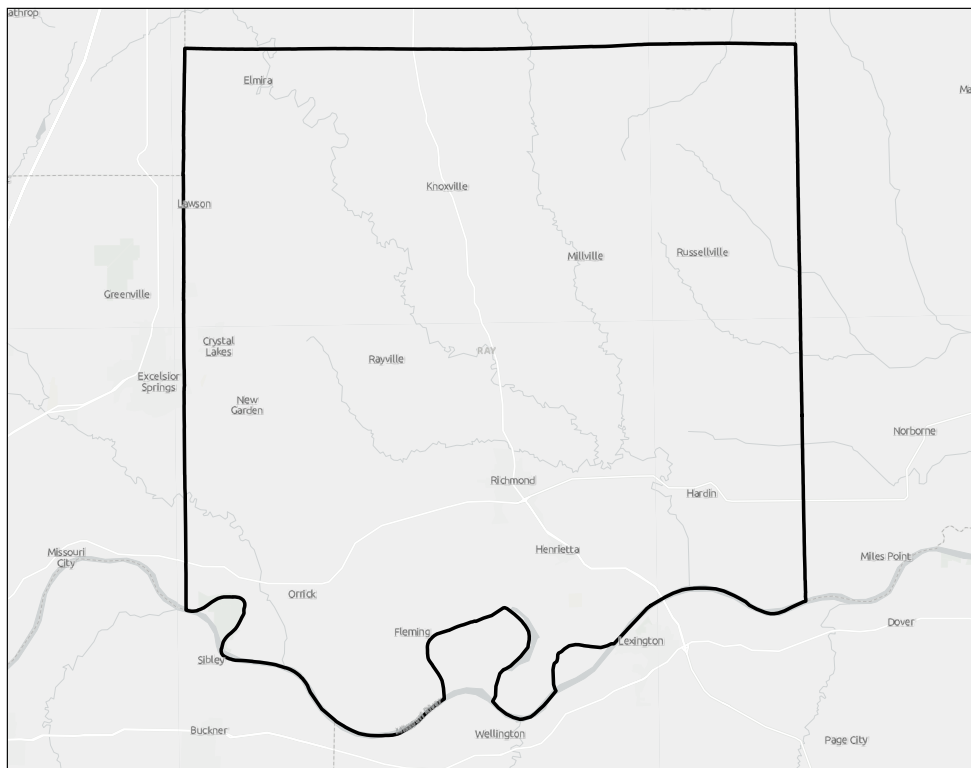
8.1.2 DC Fast Chargers



DC Fast Chargers
Platte County, MO



DC Fast Chargers
Clay County, MO

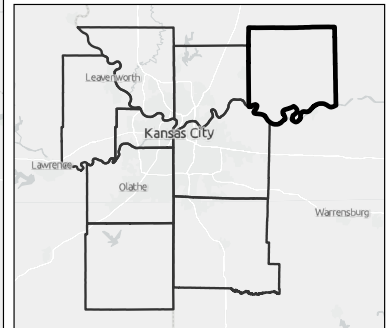


Legend

- Existing DC Fast Chargers
- ▭ MARC Region Counties

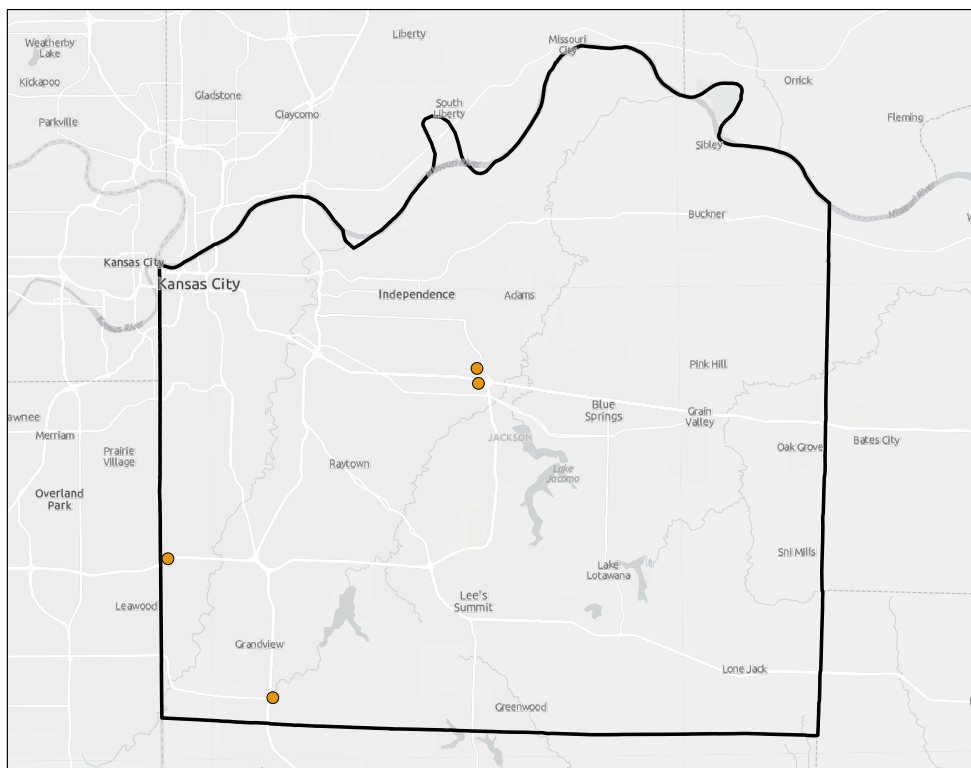
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS

0 3 Miles



DC Fast Chargers

Ray County, MO

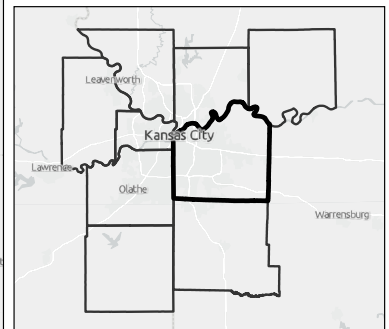


Legend

- Existing DC Fast Chargers
- ▭ MARC Region Counties

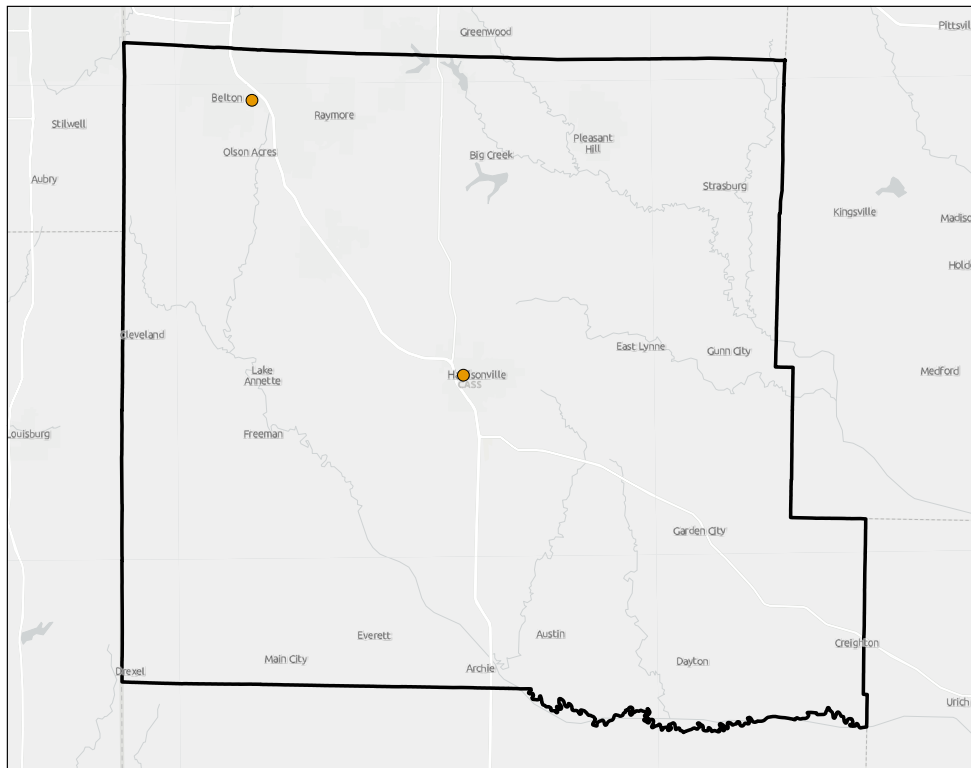
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0 3 Miles



DC Fast Chargers

Jackson County, MO

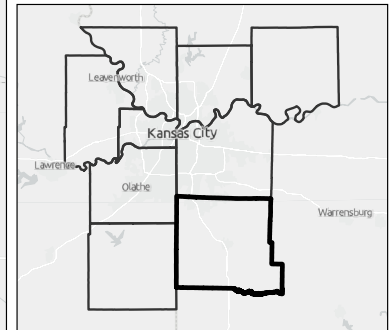


Legend

- Existing DC Fast Chargers
- MARC Region Counties

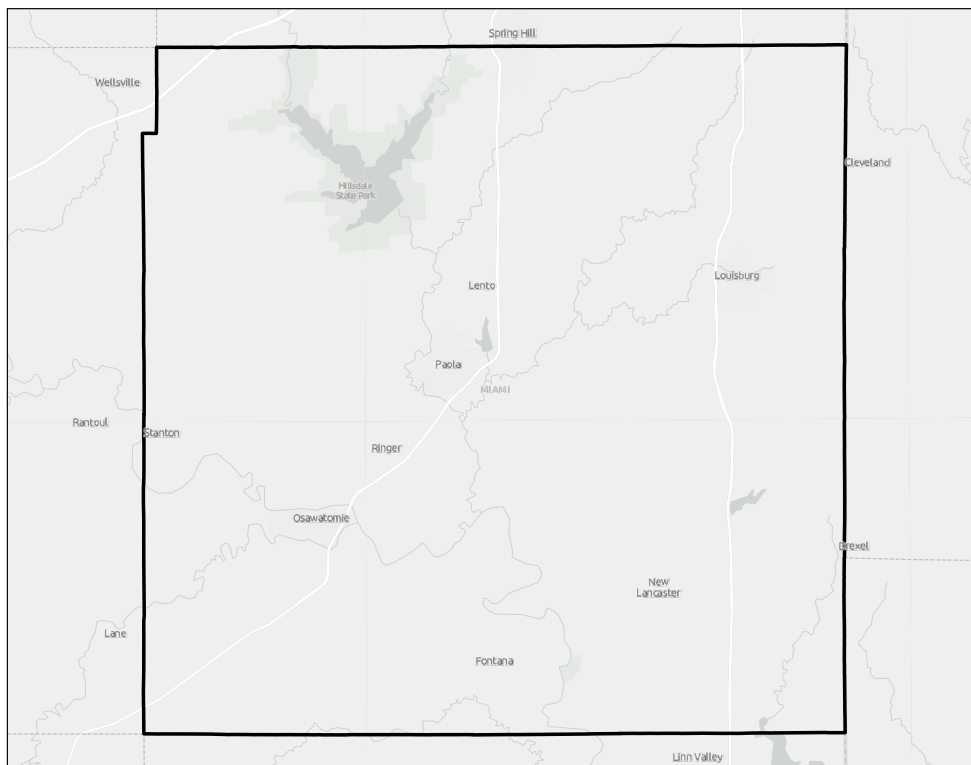
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0 3 Miles



DC Fast Chargers

Cass County, MO

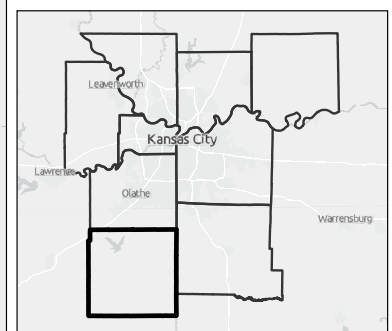


Legend

- Existing DC Fast Chargers
- MARC Region Counties

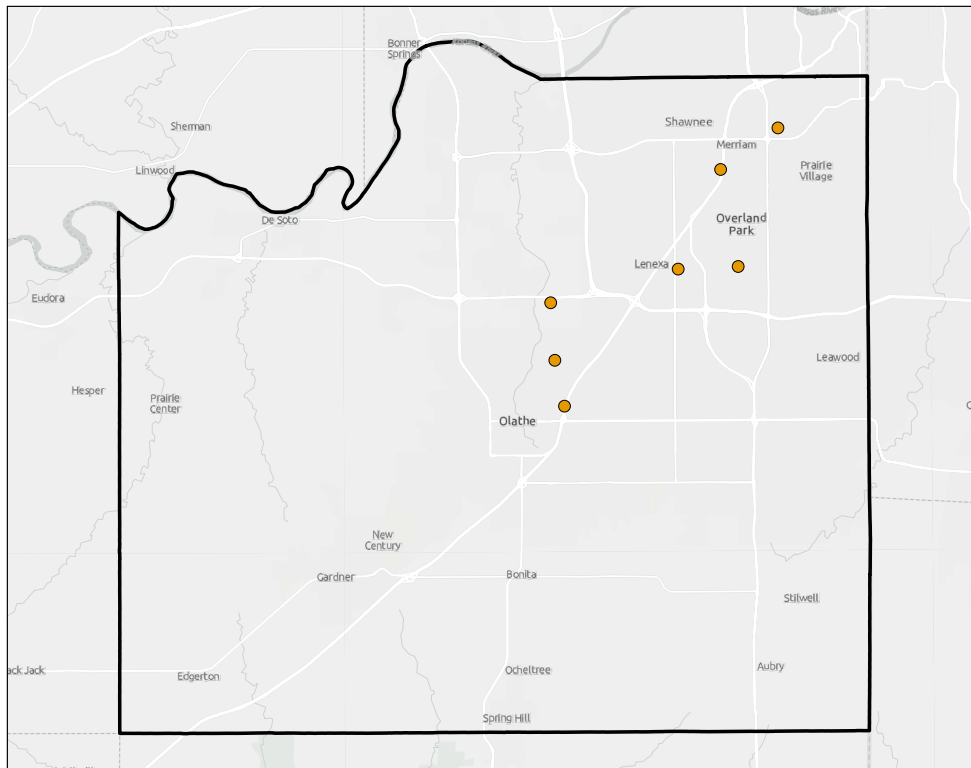
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0 2.5 Miles



DC Fast Chargers

Miami County, KS

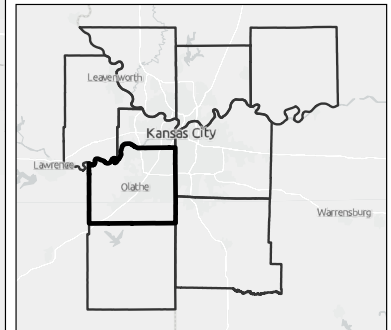


Legend

- Existing DC Fast Chargers
- ▭ MARC Region Counties

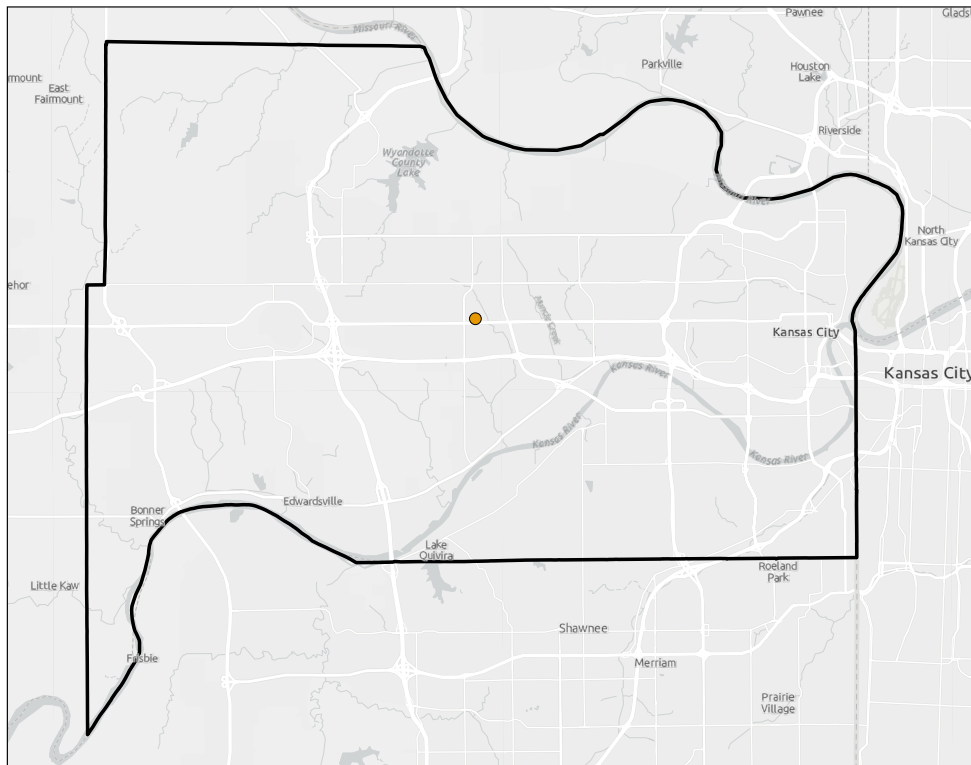
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 2.5 Miles



DC Fast Chargers

Johnson County, KS

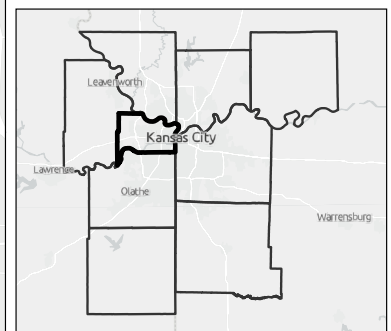


Legend

- Existing DC Fast Chargers
- ▭ MARC Region Counties

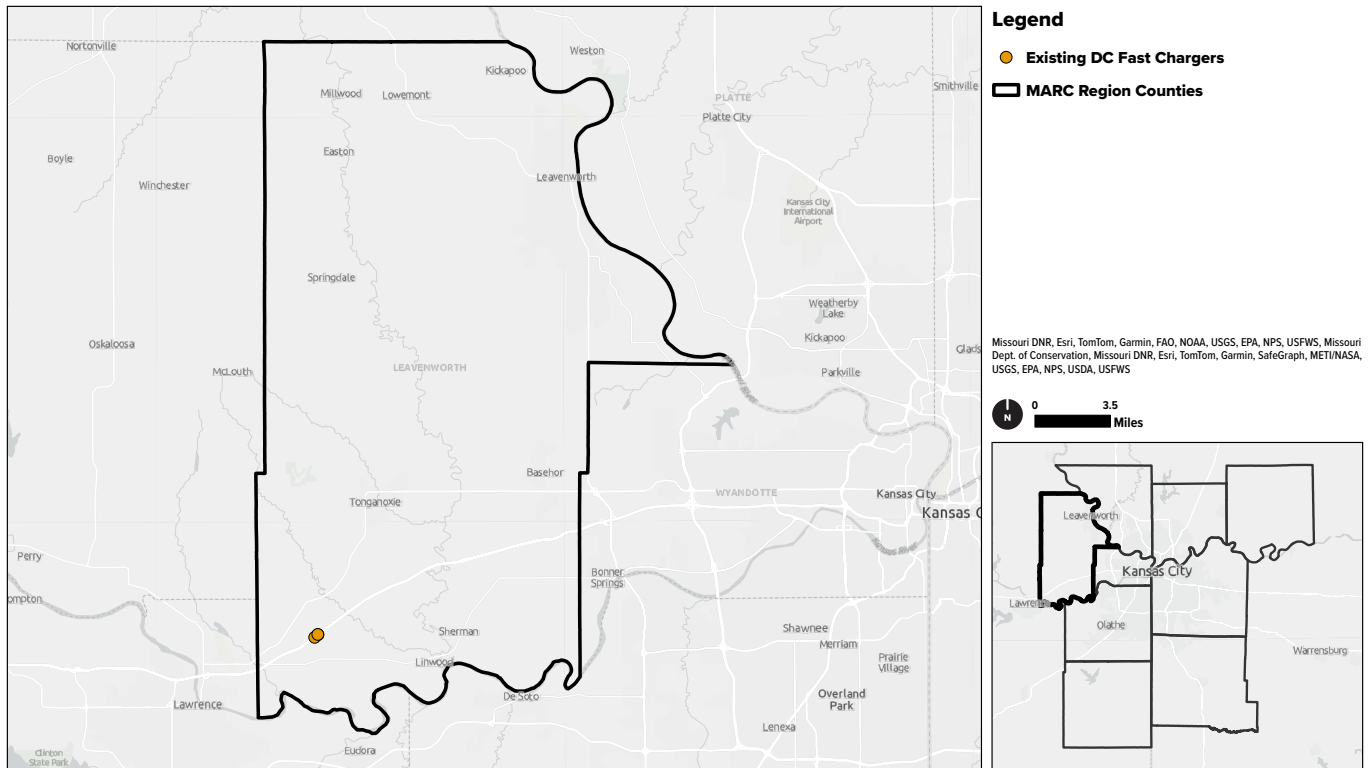
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Unified Gov of Wyandotte Co, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 1.5 Miles



DC Fast Chargers

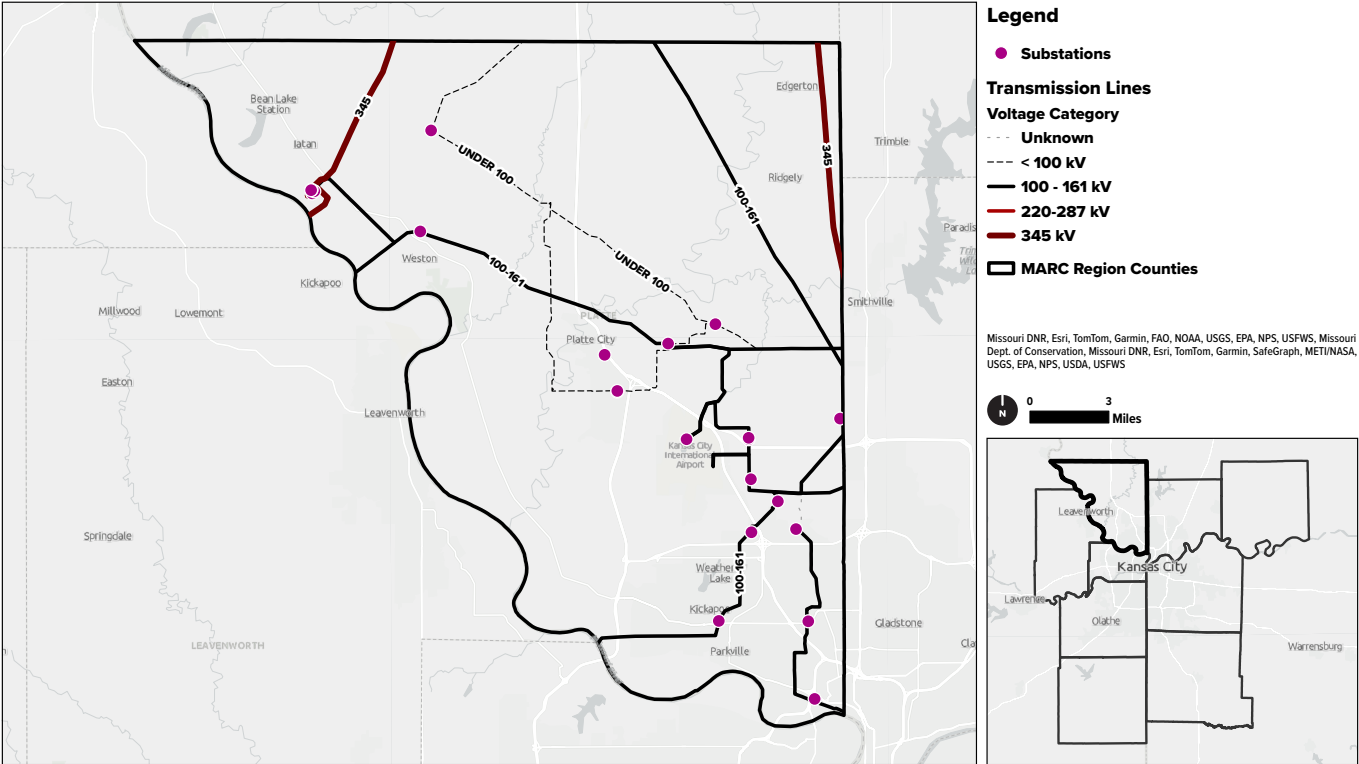
Wyandotte County, KS



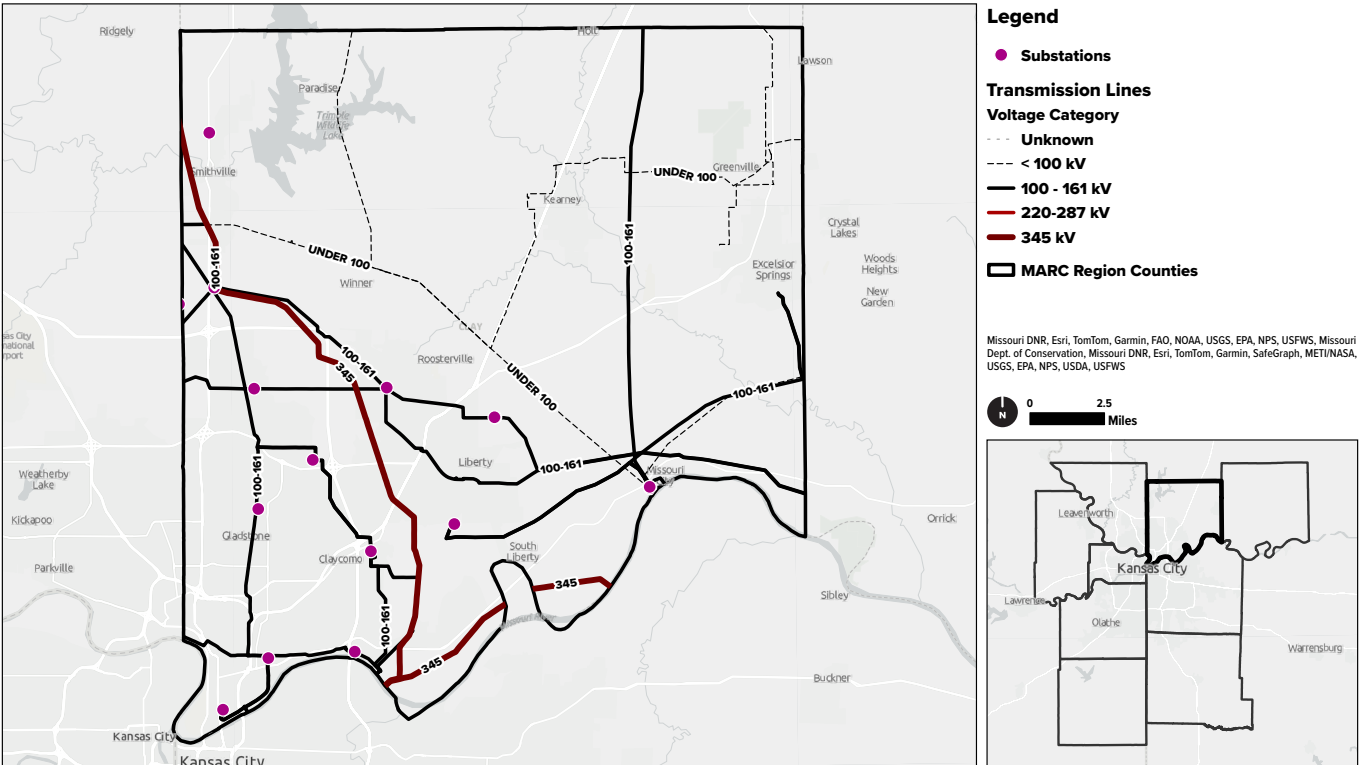
DC Fast Chargers

Leavenworth County, KS

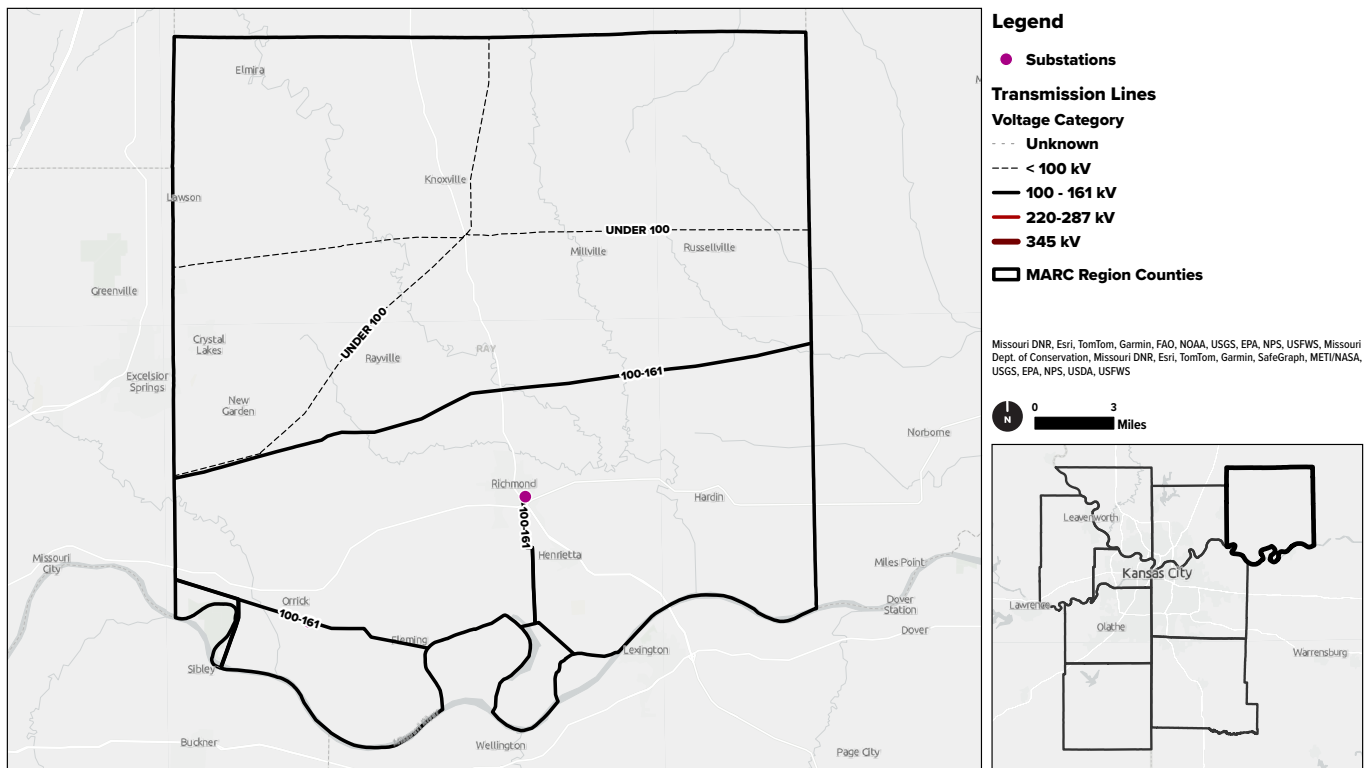
8.1.3 Transmission Lines and Substations



Transmission Lines and Substations
Platte County, MO

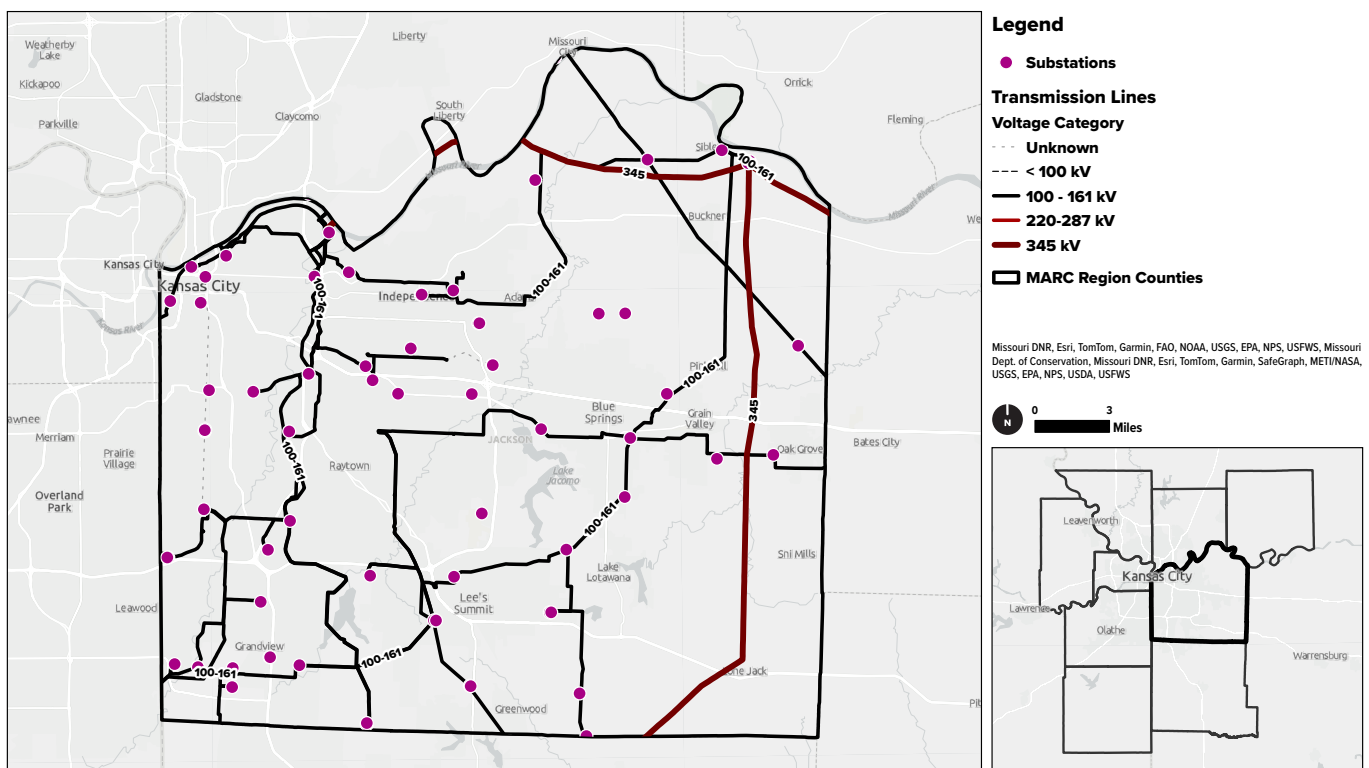


Transmission Lines and Substations
Clay County, MO



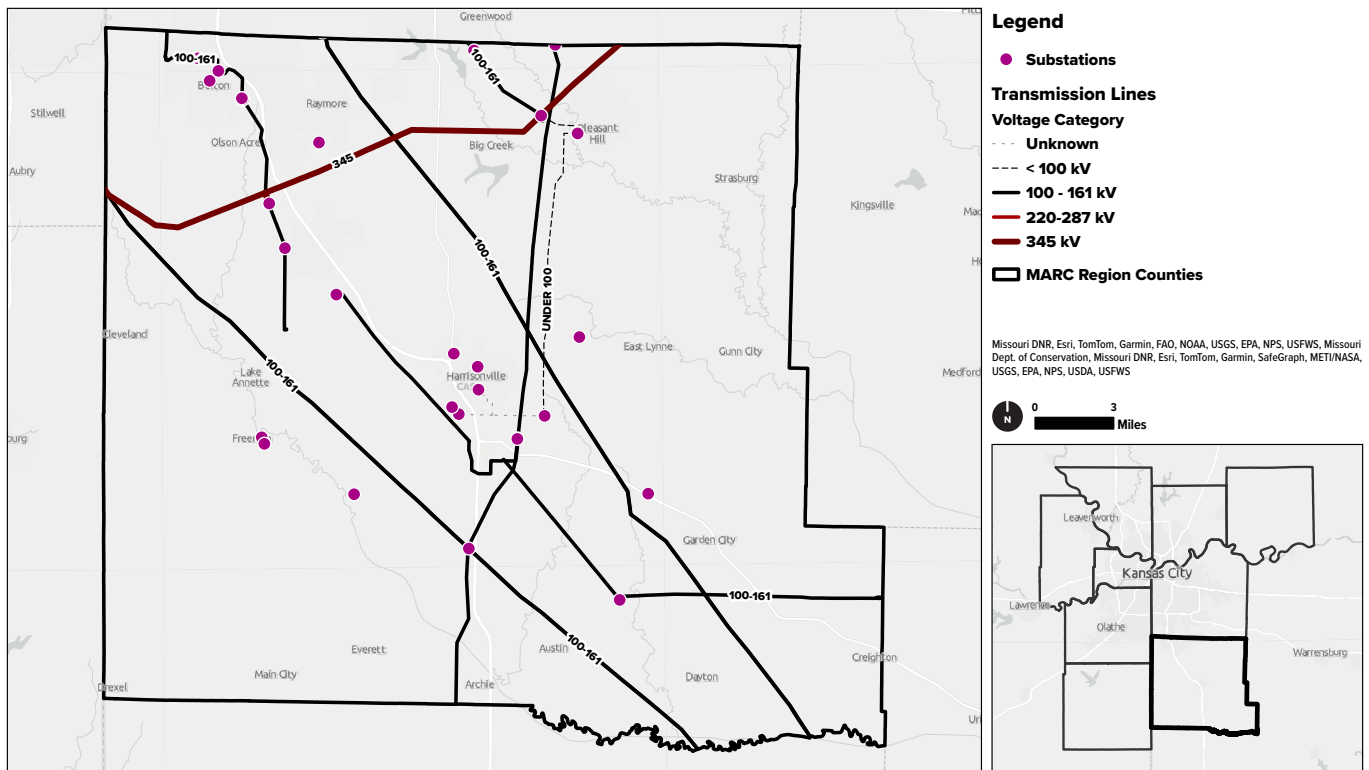
Transmission Lines and Substations

Ray County, MO



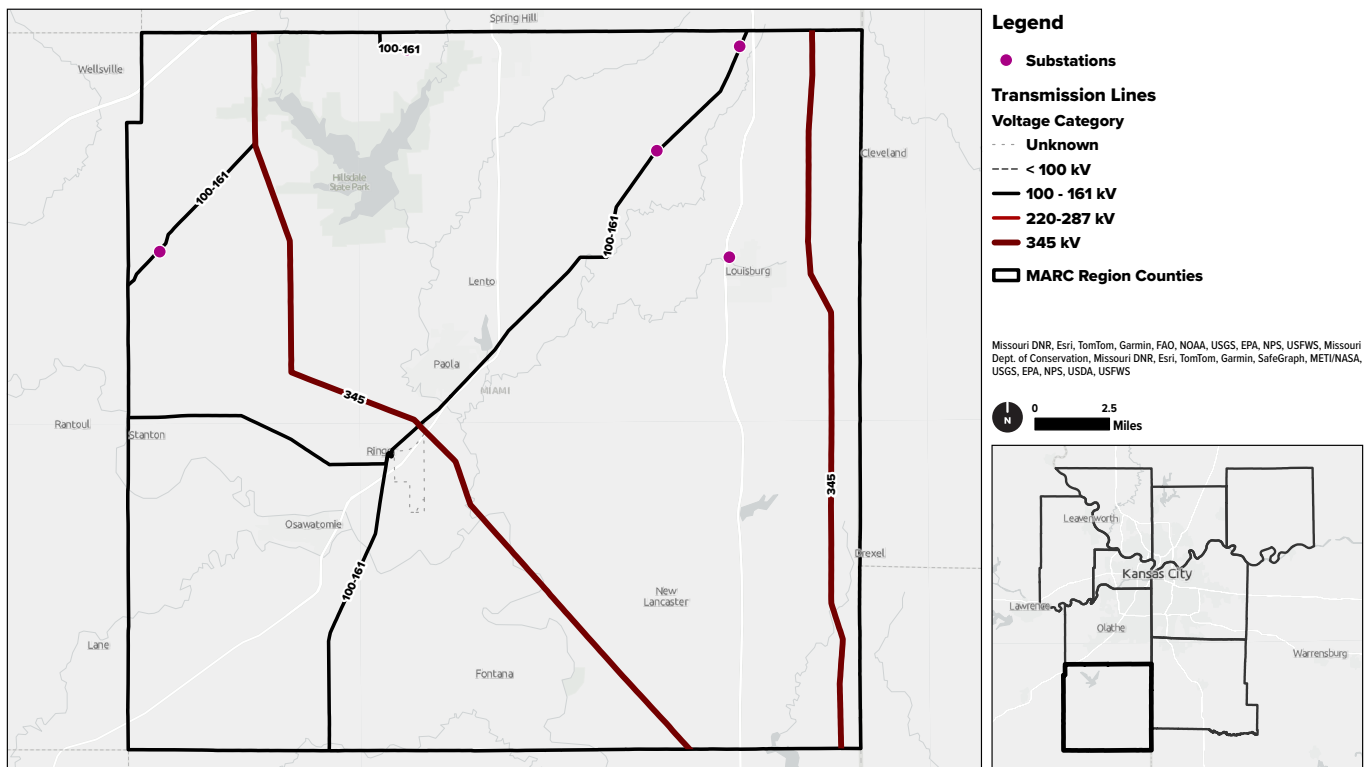
Transmission Lines and Substations

Jackson County, MO



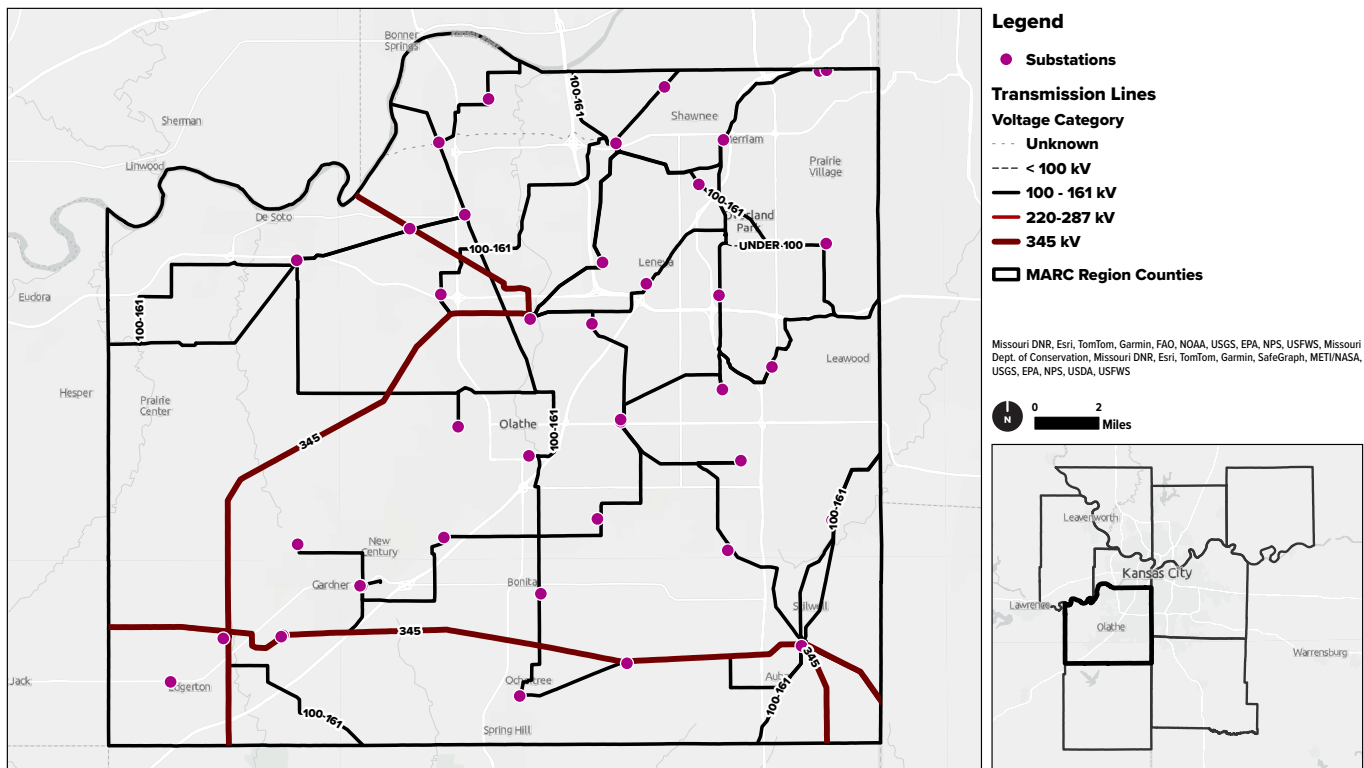
Transmission Lines and Substations

Cass County, MO

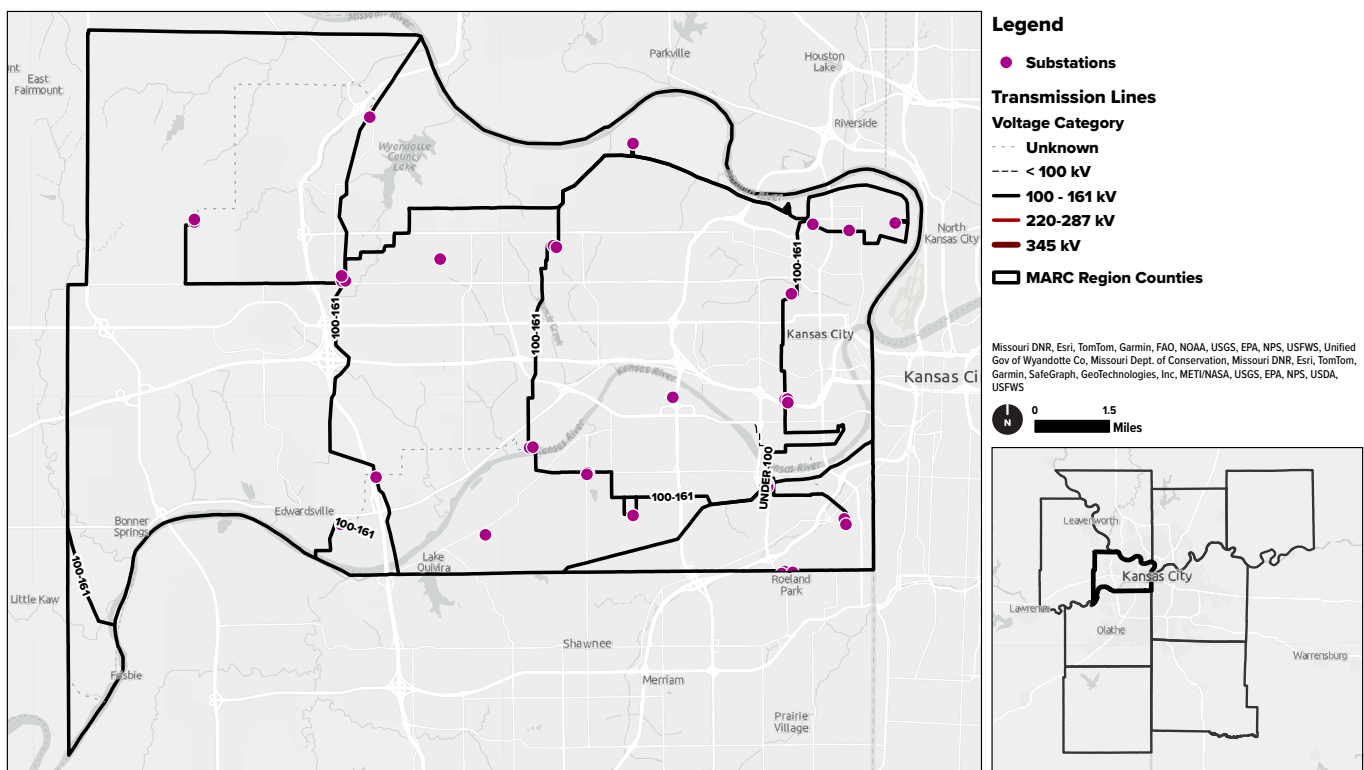


Transmission Lines and Substations

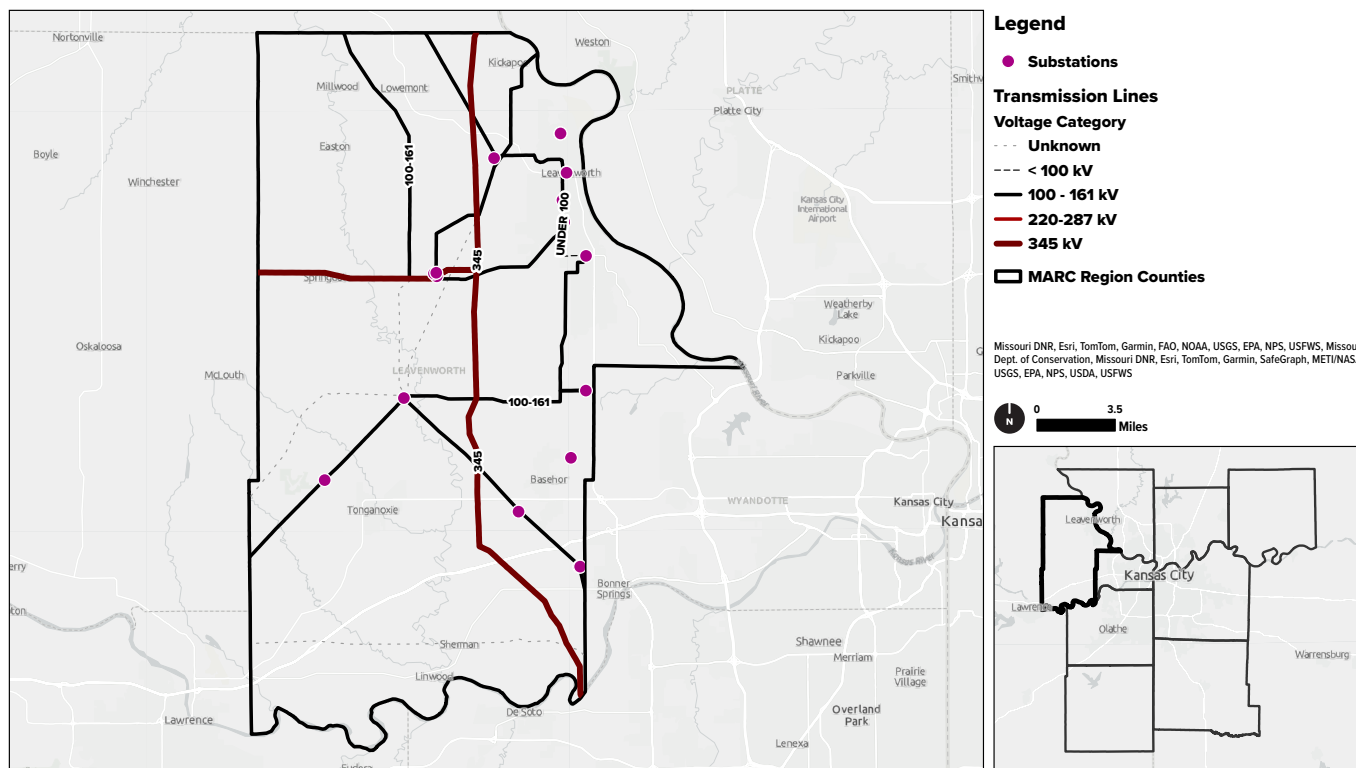
Miami County, KS



Transmission Lines and Substations
Johnson County, KS



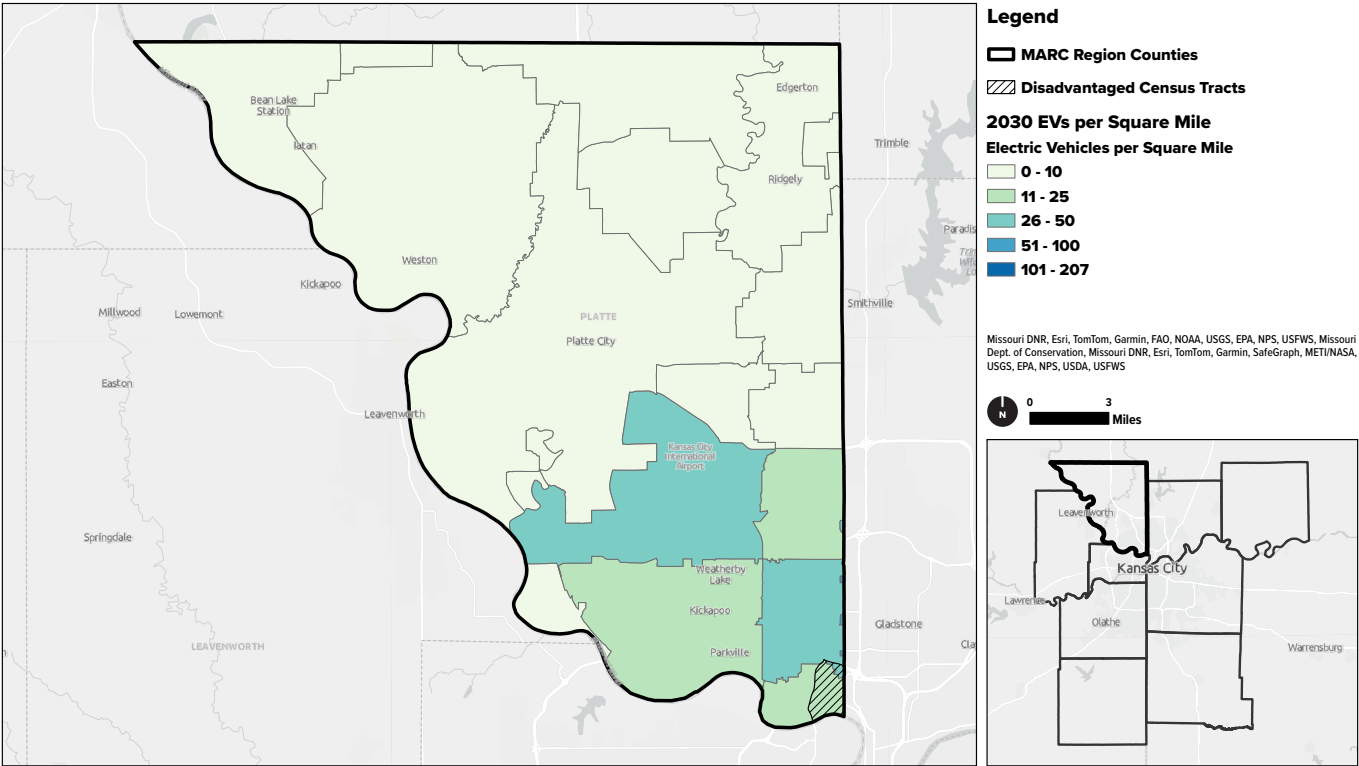
Transmission Lines and Substations
Wyandotte County, KS



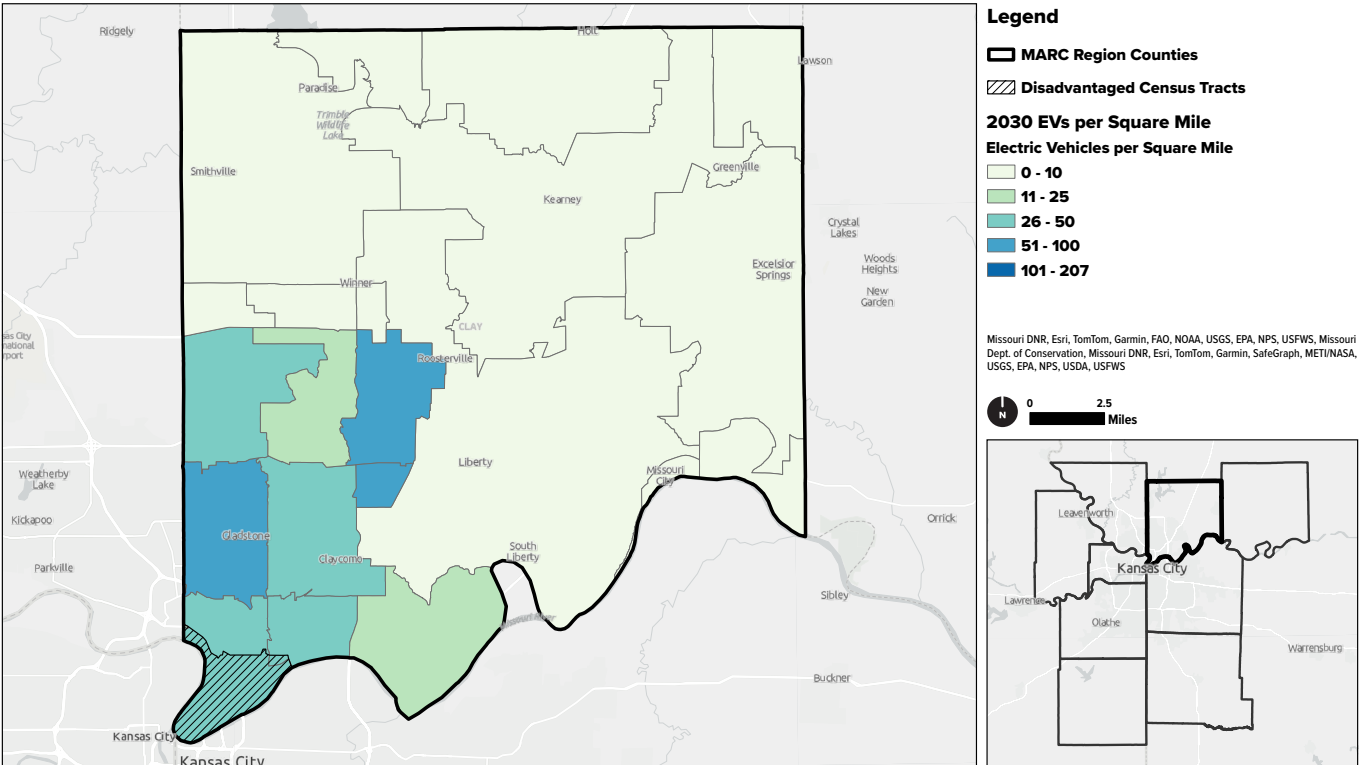
Transmission Lines and Substations

Leavenworth County, KS

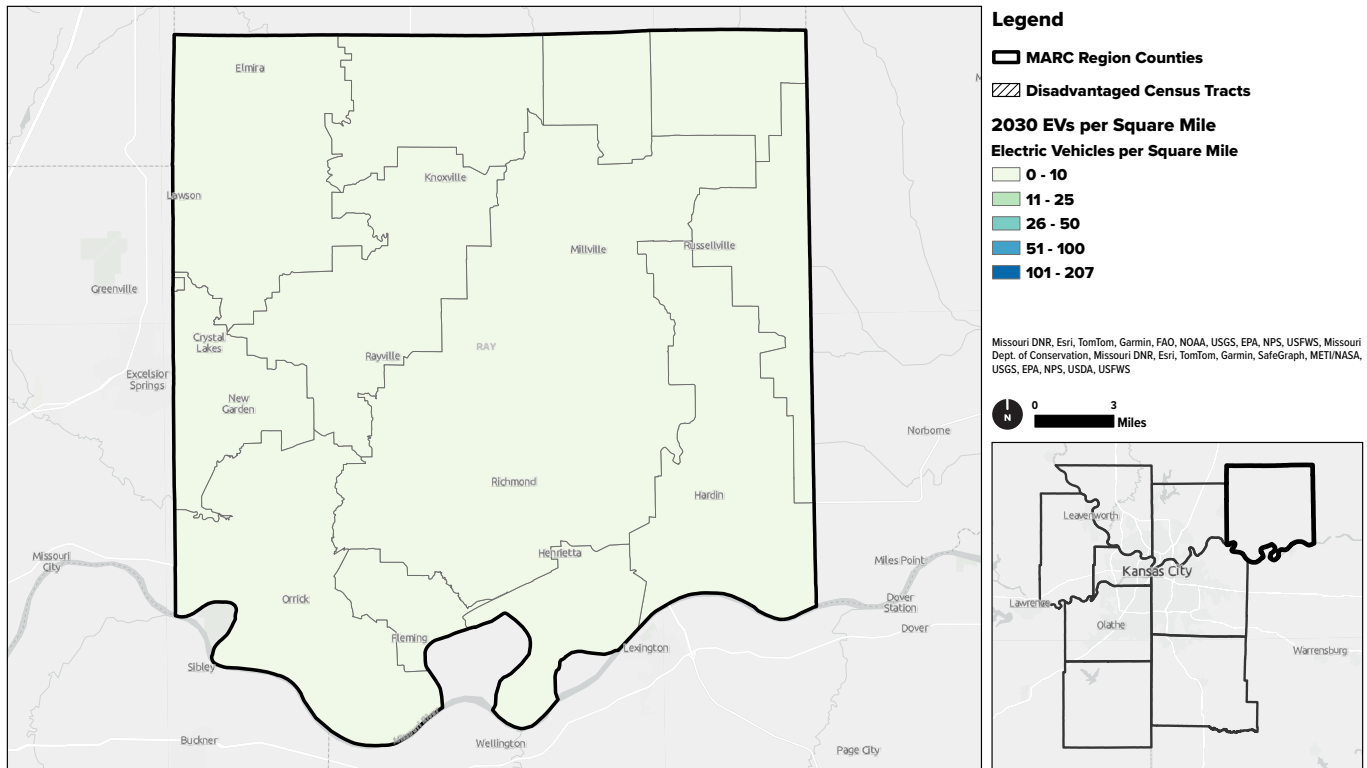
8.1.4 Propensity to Purchase 2030



Propensity to Purchase 2030
Platte County, MO

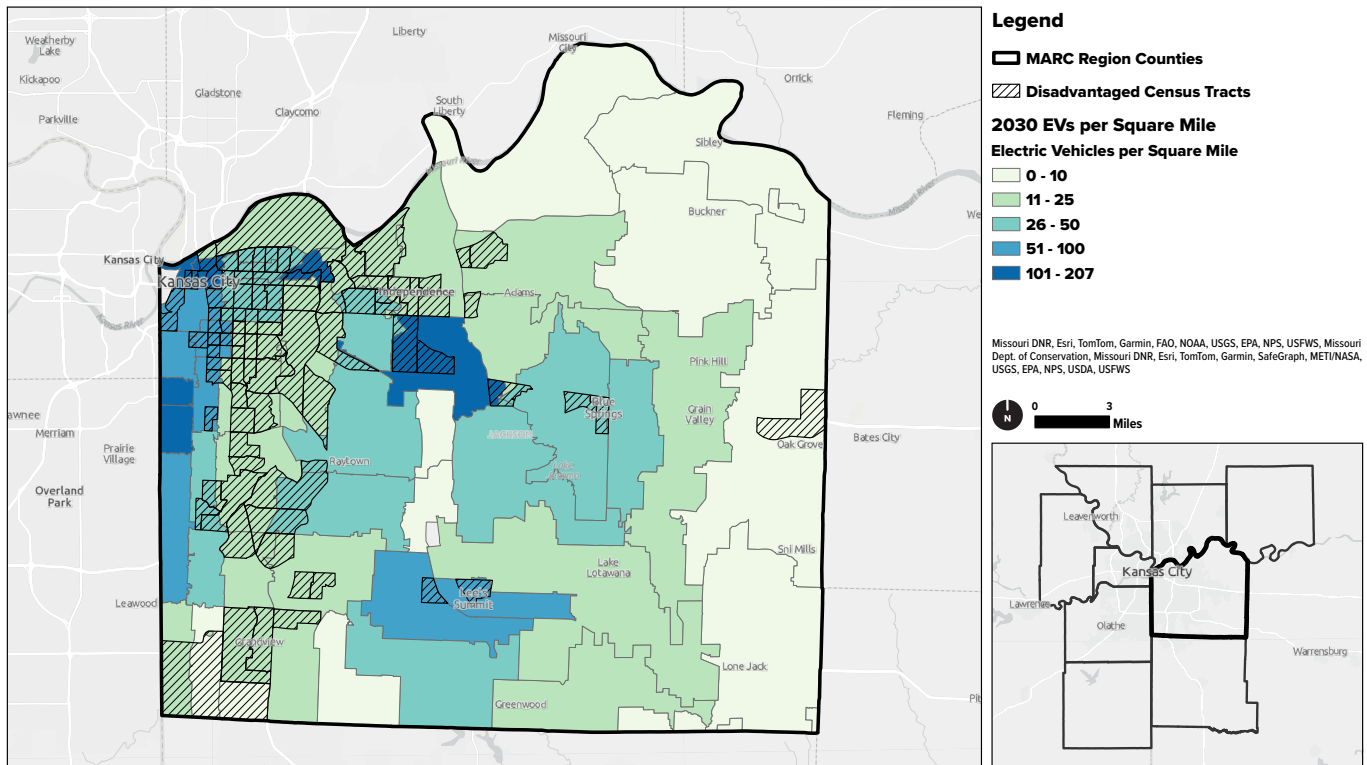


Propensity to Purchase 2030
Clay County, MO



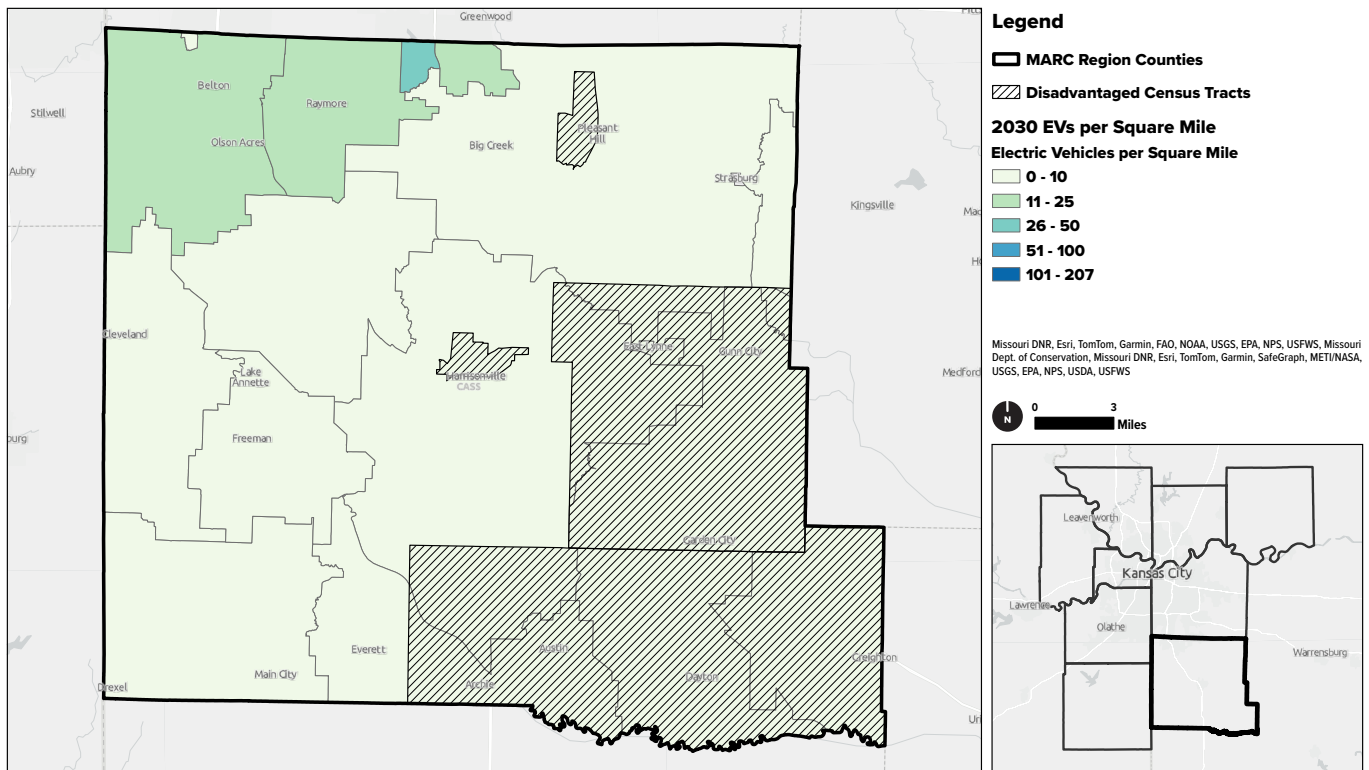
Propensity to Purchase 2030

Ray County, MO



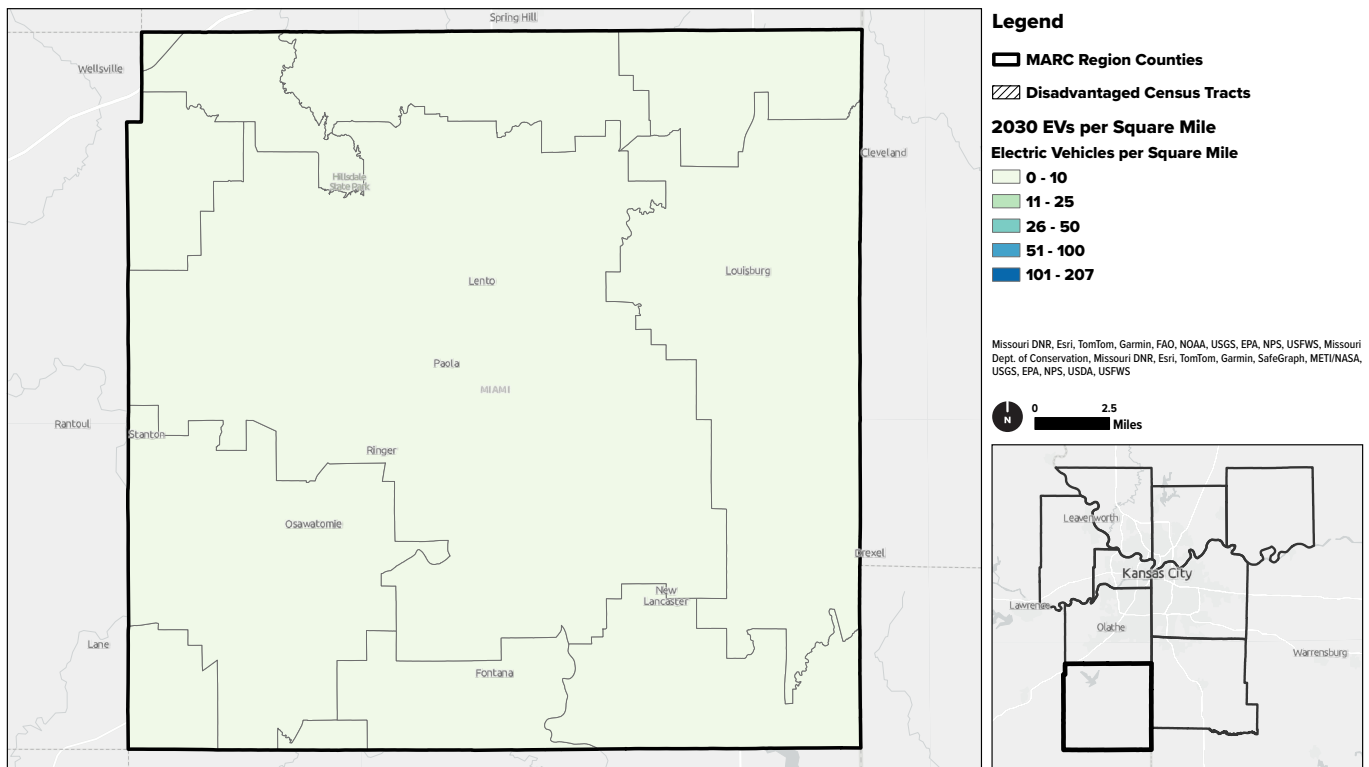
Propensity to Purchase 2030

Jackson County, MO



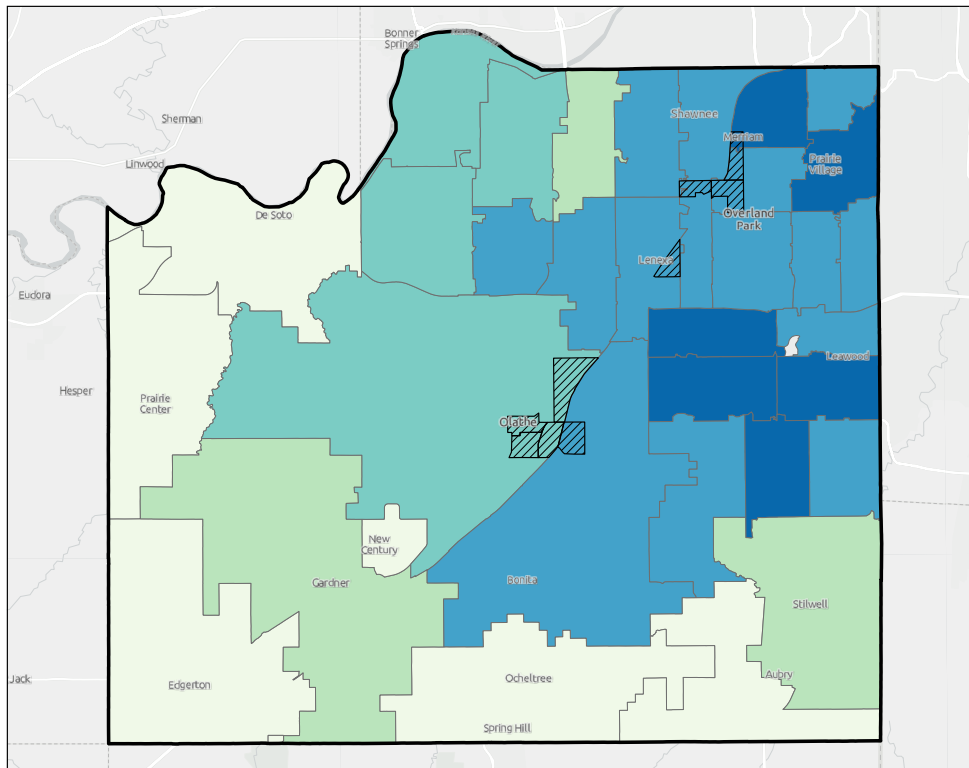
Propensity to Purchase 2030

Cass County, MO



Propensity to Purchase 2030

Miami County, KS

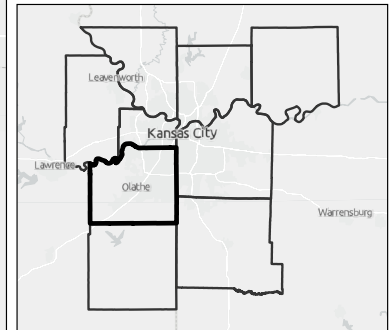


Legend

- MARC Region Counties
- Disadvantaged Census Tracts
- 2030 EVs per Square Mile**
- Electric Vehicles per Square Mile**
- 0 - 10
- 11 - 25
- 26 - 50
- 51 - 100
- 101 - 207

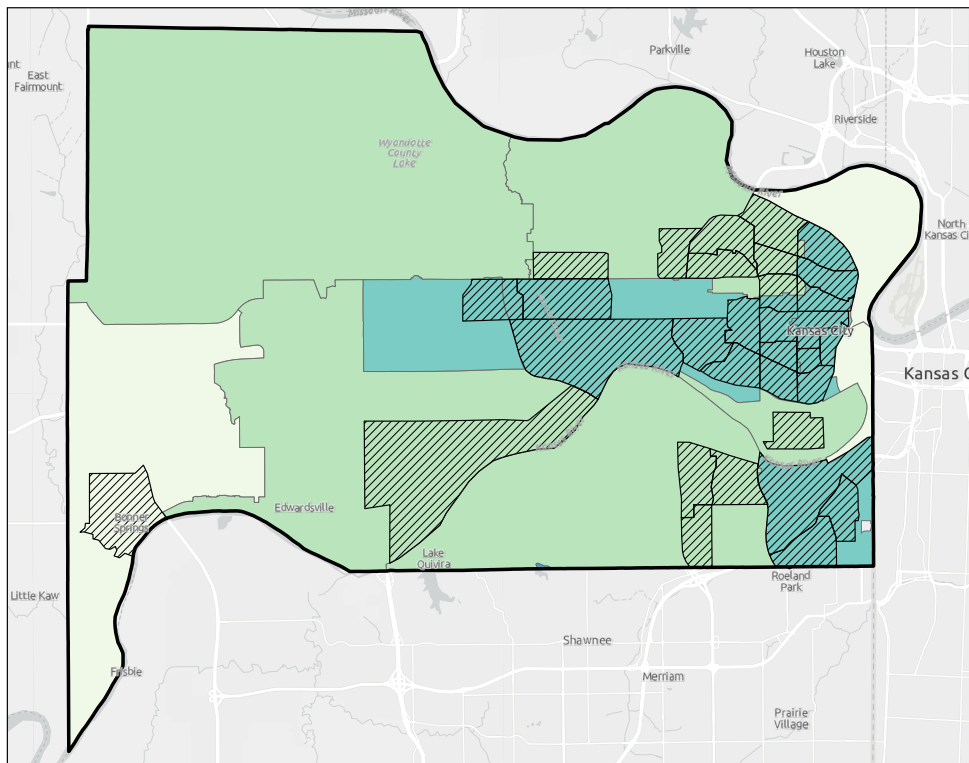
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0 2 Miles



Propensity to Purchase 2030

Johnson County, KS

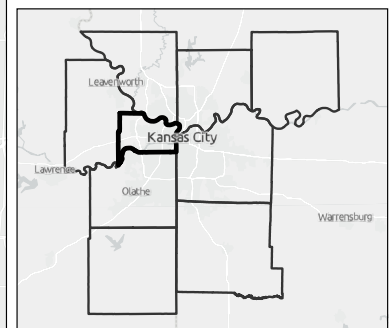


Legend

- MARC Region Counties
- Disadvantaged Census Tracts
- 2030 EVs per Square Mile**
- Electric Vehicles per Square Mile**
- 0 - 10
- 11 - 25
- 26 - 50
- 51 - 100
- 101 - 207

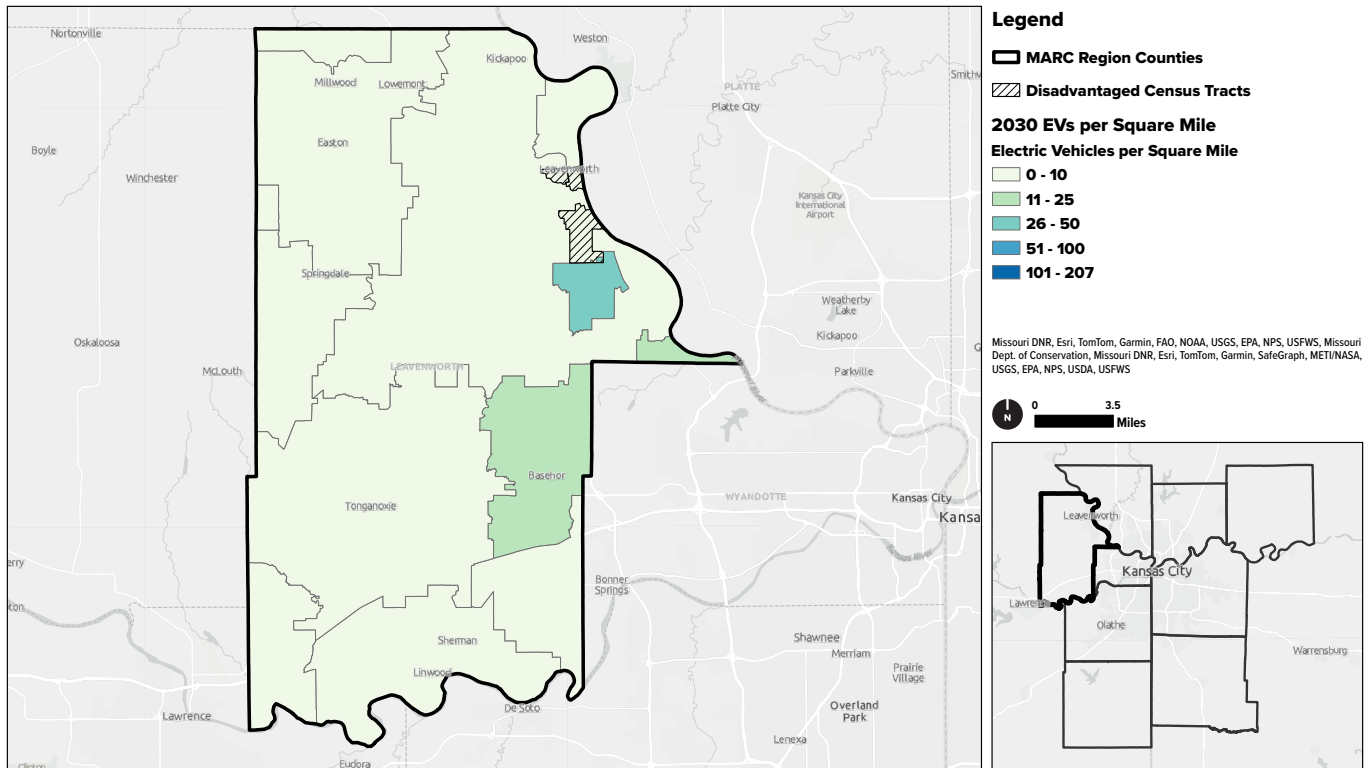
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Unified Gov of Wyandotte Co, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, Geotechnologies, Inc, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 1.5 Miles



Propensity to Purchase 2030

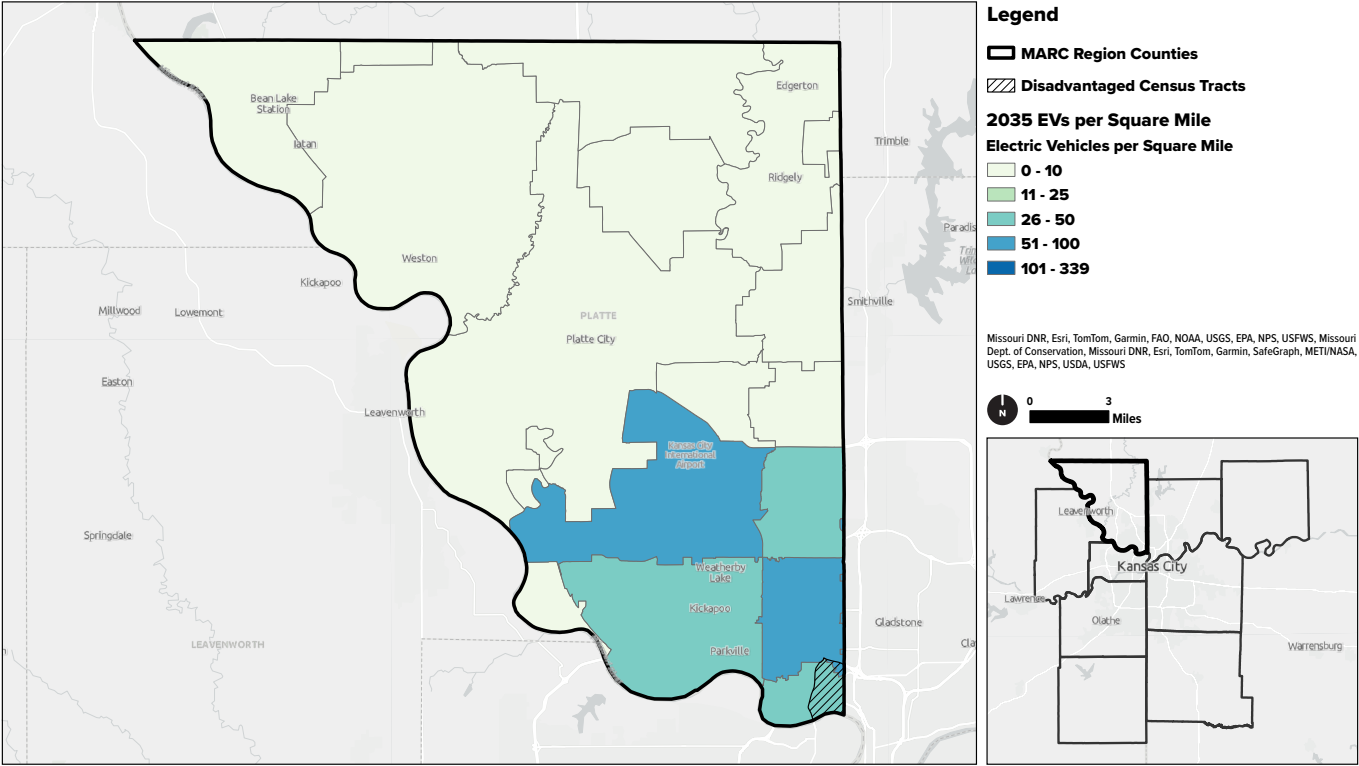
Wyandotte County, KS



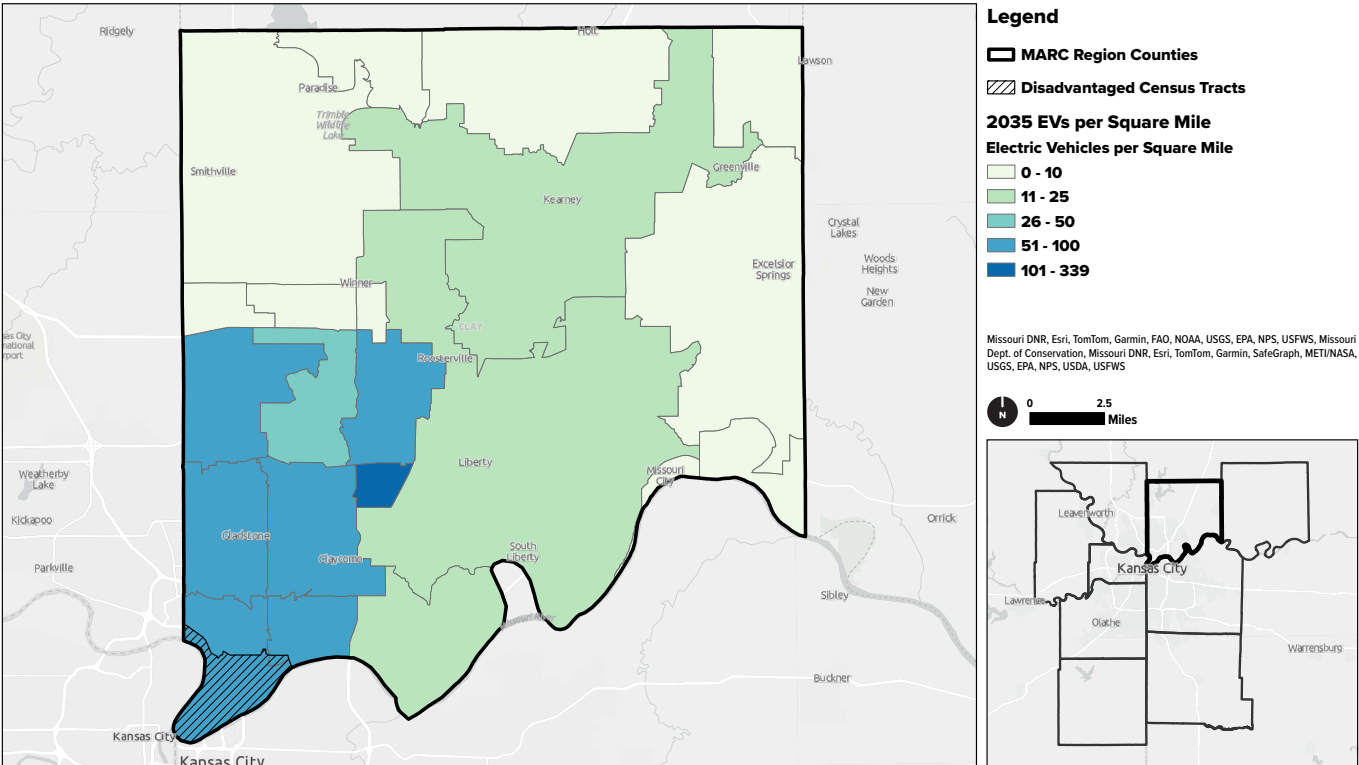
Propensity to Purchase 2030

Leavenworth County, KS

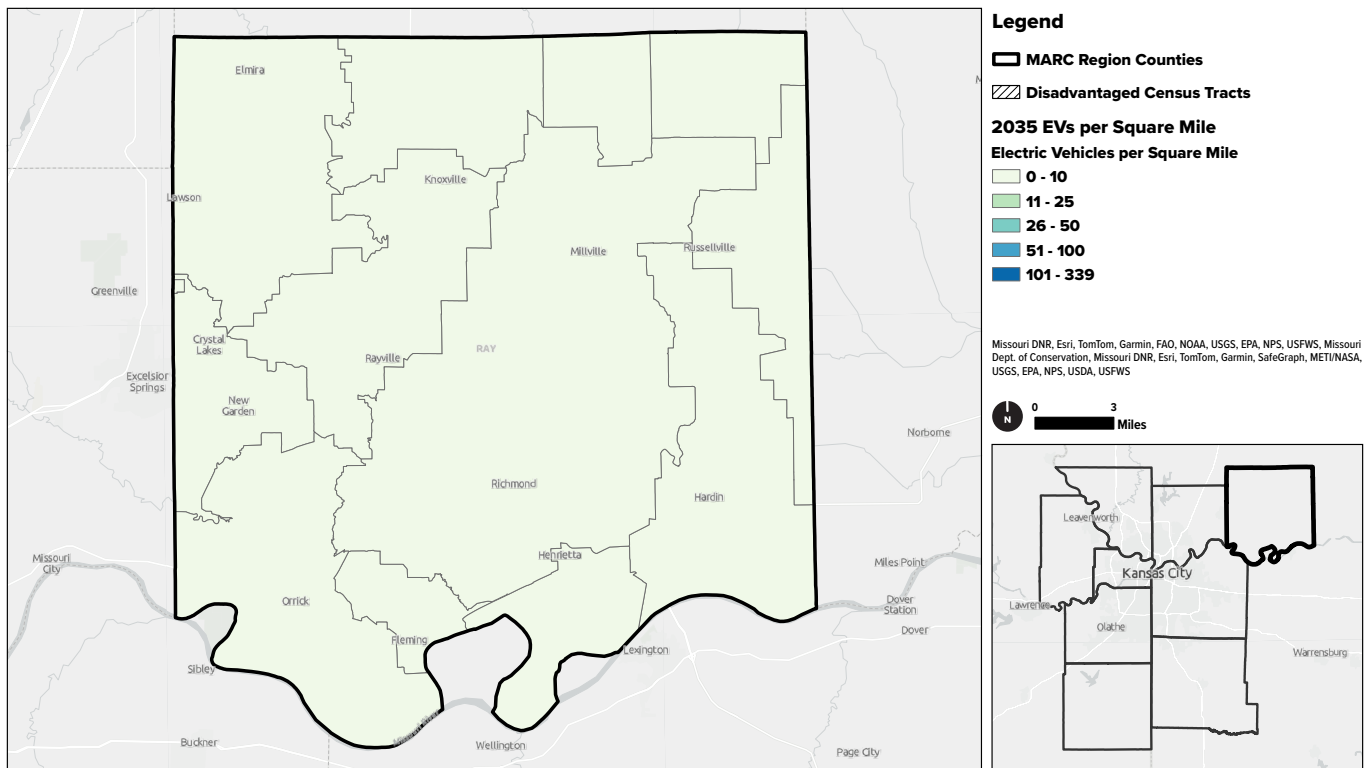
8.1.5 Propensity to Purchase 2035



Propensity to Purchase 2035
Platte County, MO

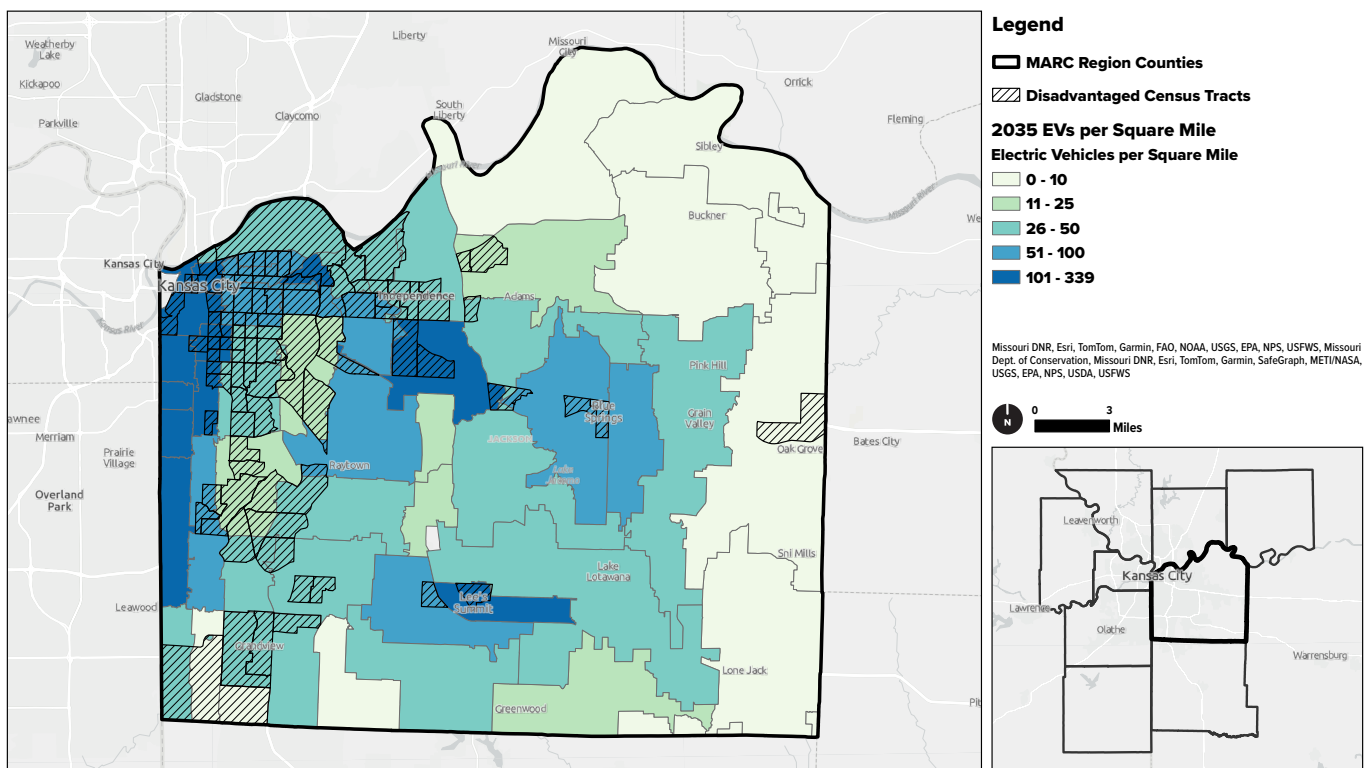


Propensity to Purchase 2035
Clay County, MO



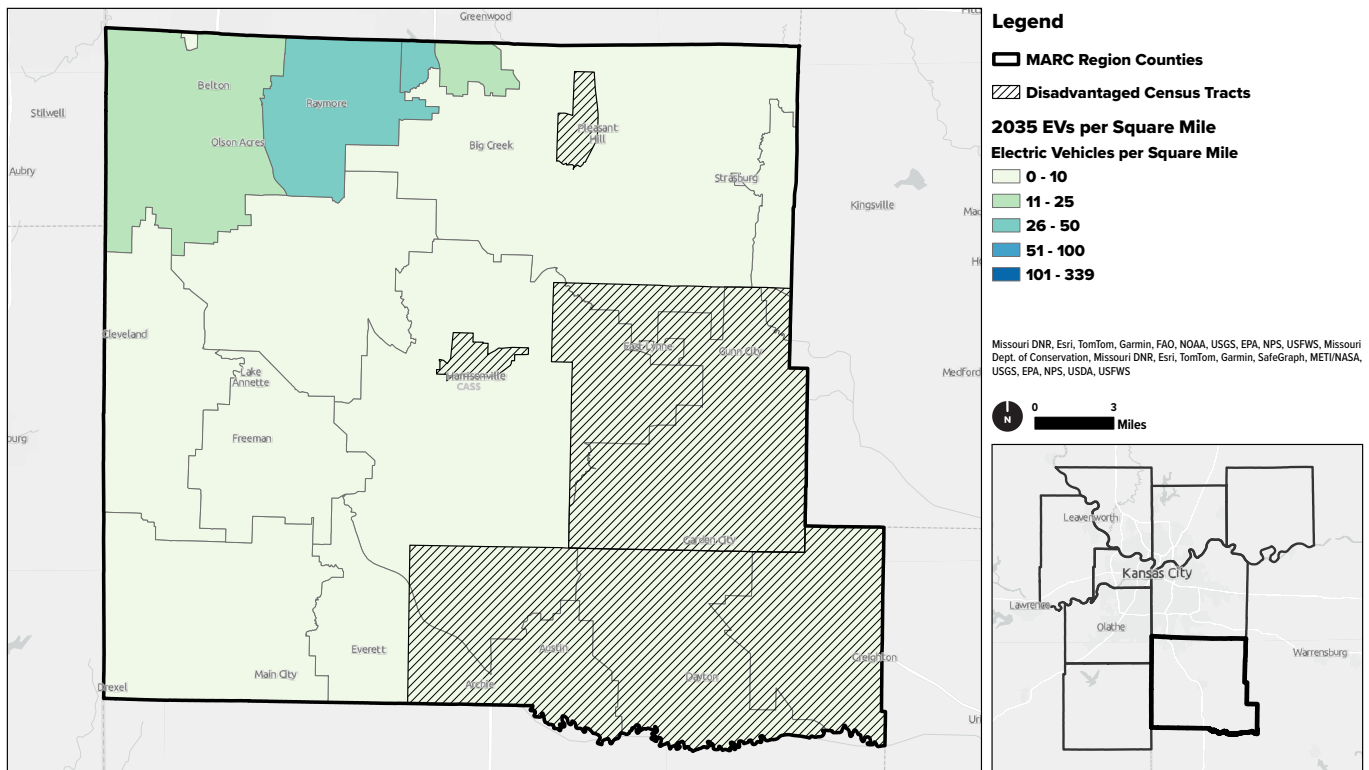
Propensity to Purchase 2035

Ray County, MO



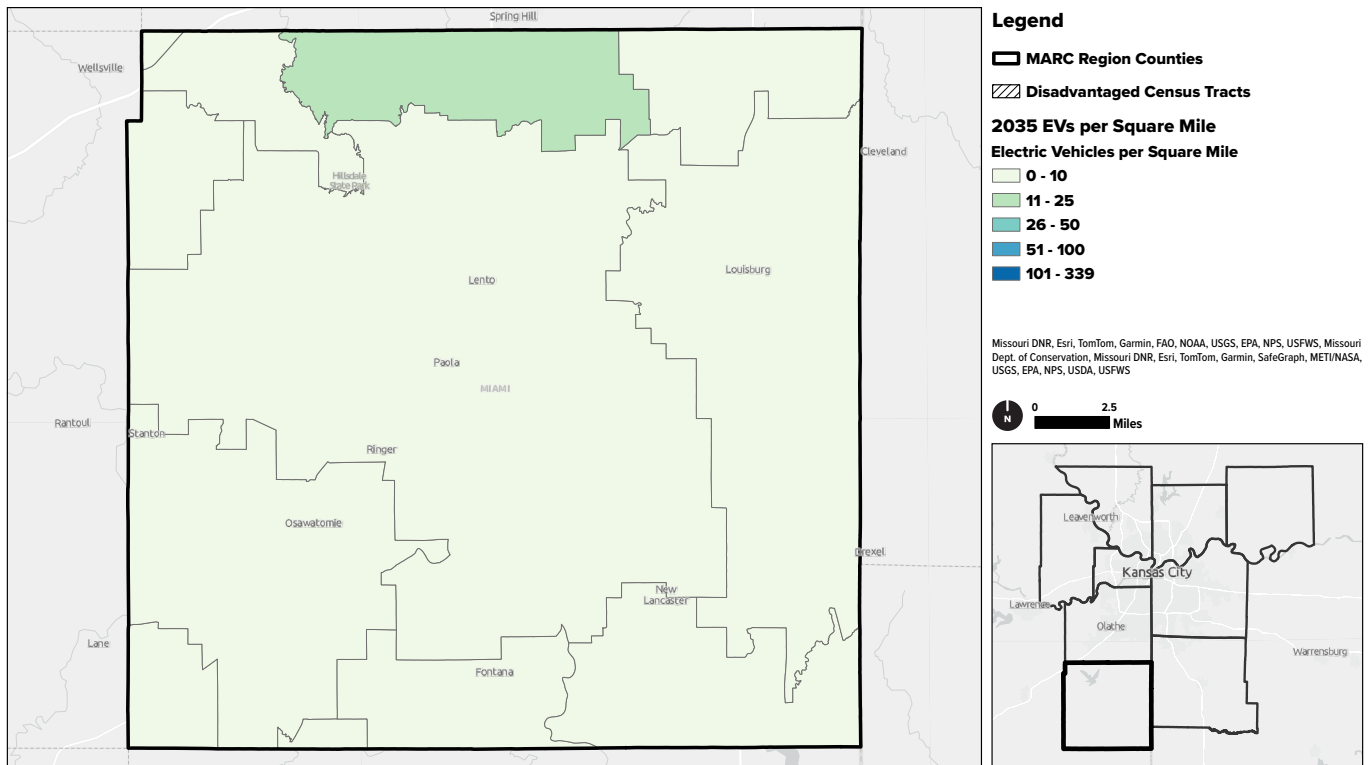
Propensity to Purchase 2035

Jackson County, MO



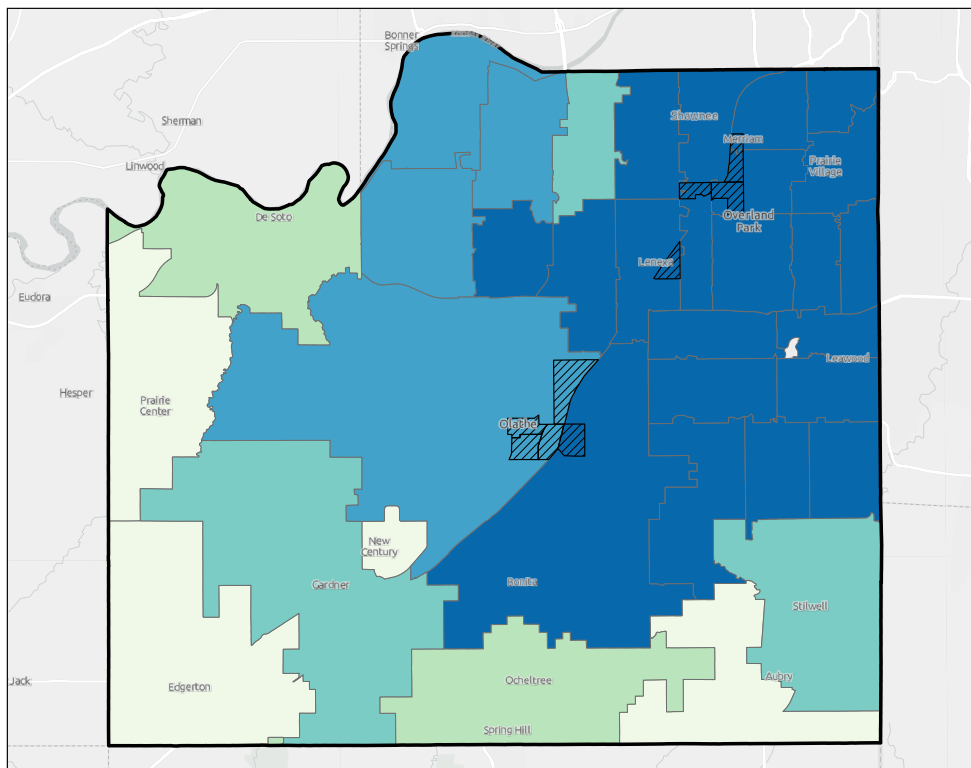
Propensity to Purchase 2035

Cass County, MO



Propensity to Purchase 2035

Miami County, KS



Legend

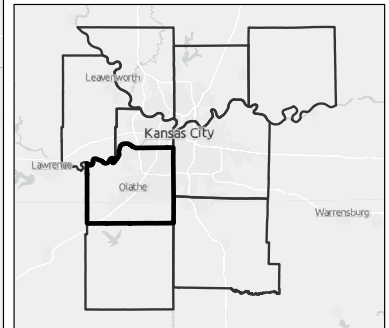
- MARC Region Counties
- Disadvantaged Census Tracts

2035 EVs per Square Mile Electric Vehicles per Square Mile

- 0 - 10
- 11 - 25
- 26 - 50
- 51 - 100
- 101 - 339

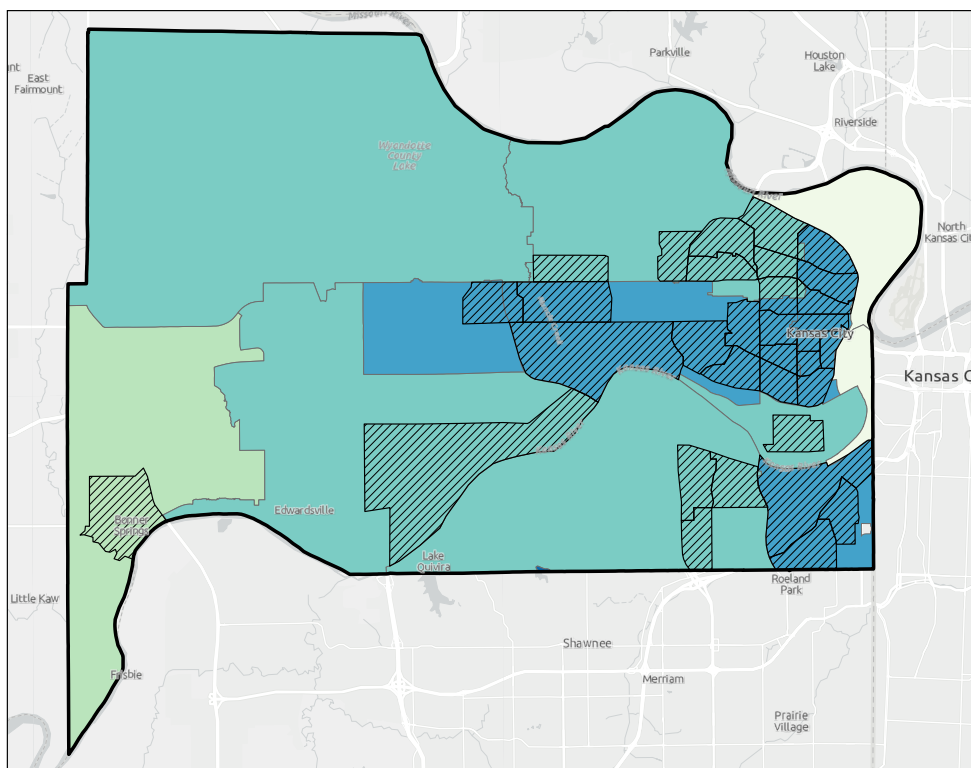
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS

0 2 Miles



Propensity to Purchase 2035

Johnson County, KS



Legend

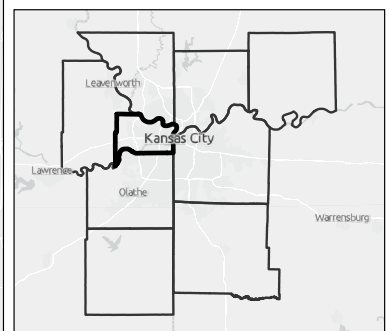
- MARC Region Counties
- Disadvantaged Census Tracts

2035 EVs per Square Mile Electric Vehicles per Square Mile

- 0 - 10
- 11 - 25
- 26 - 50
- 51 - 100
- 101 - 339

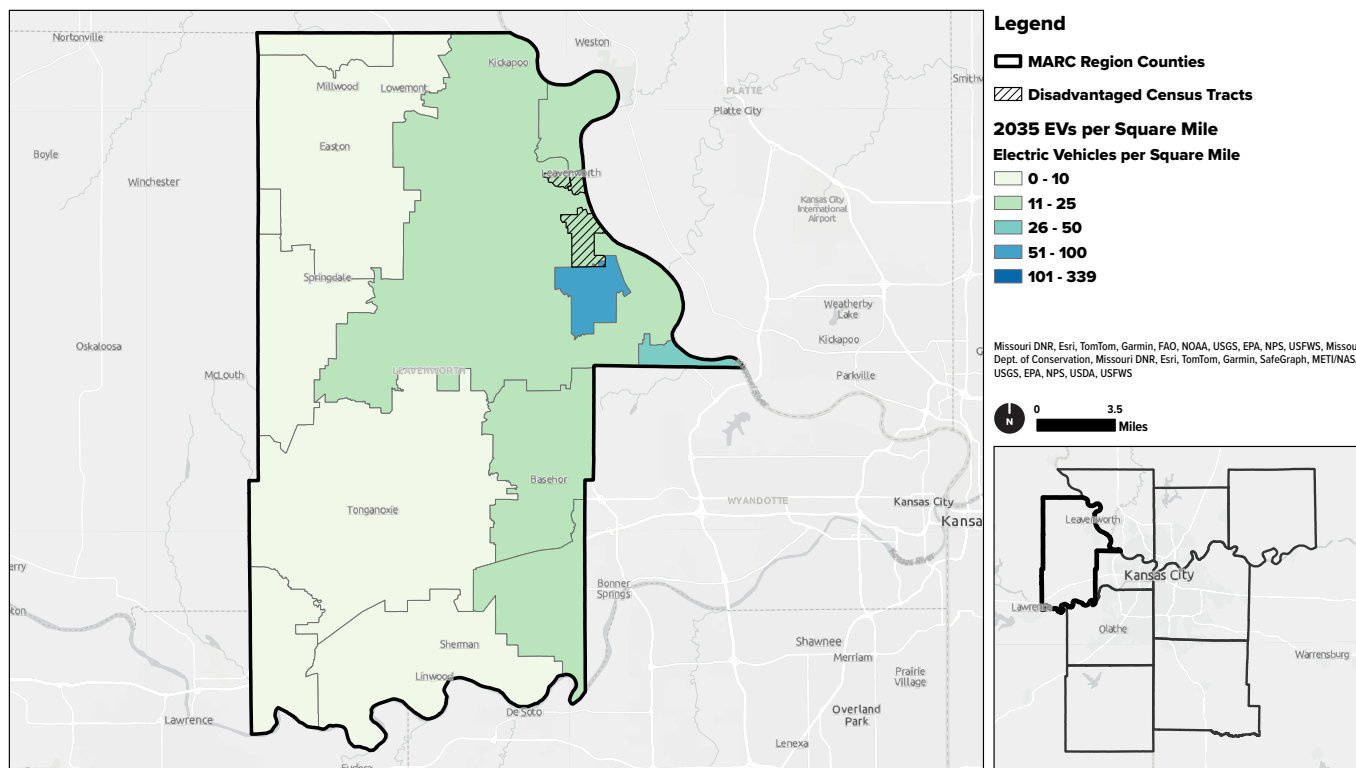
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0 1.5 Miles



Propensity to Purchase 2035

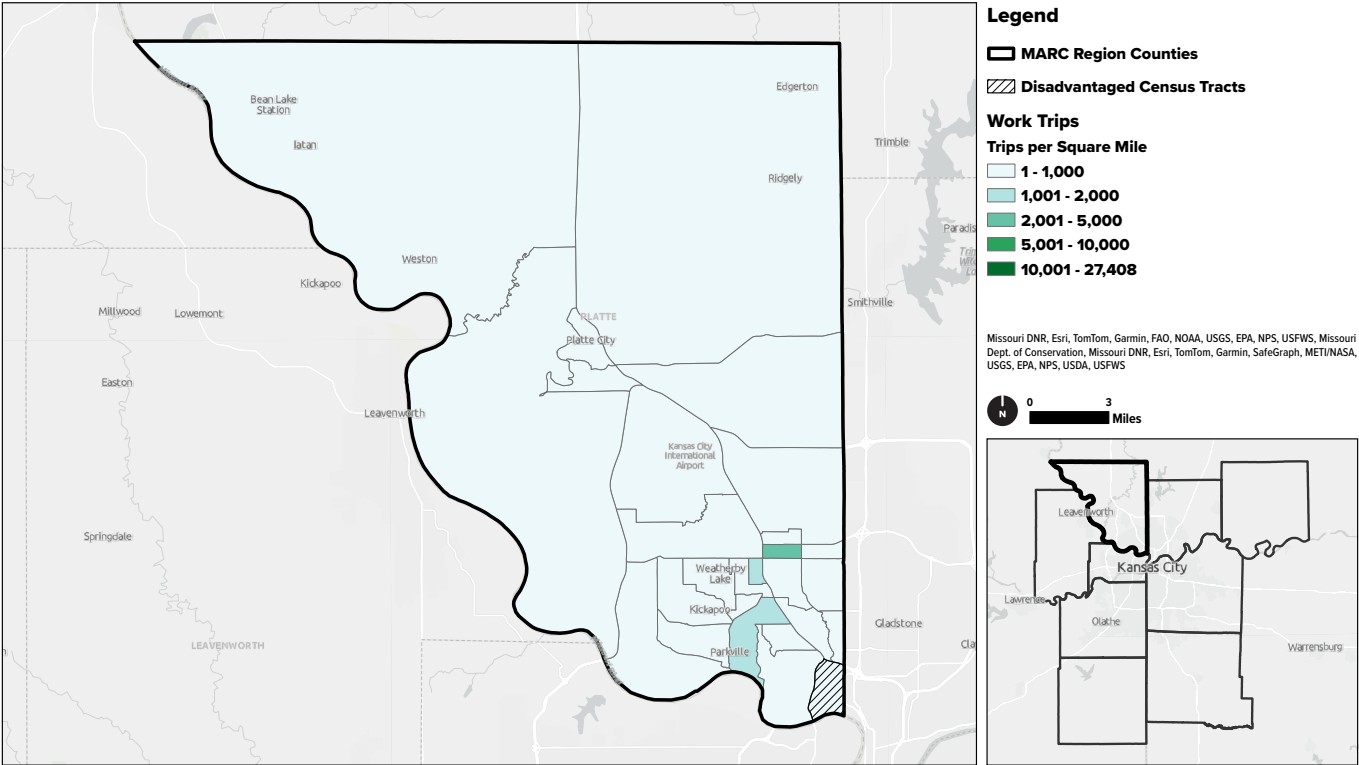
Wyandotte County, KS



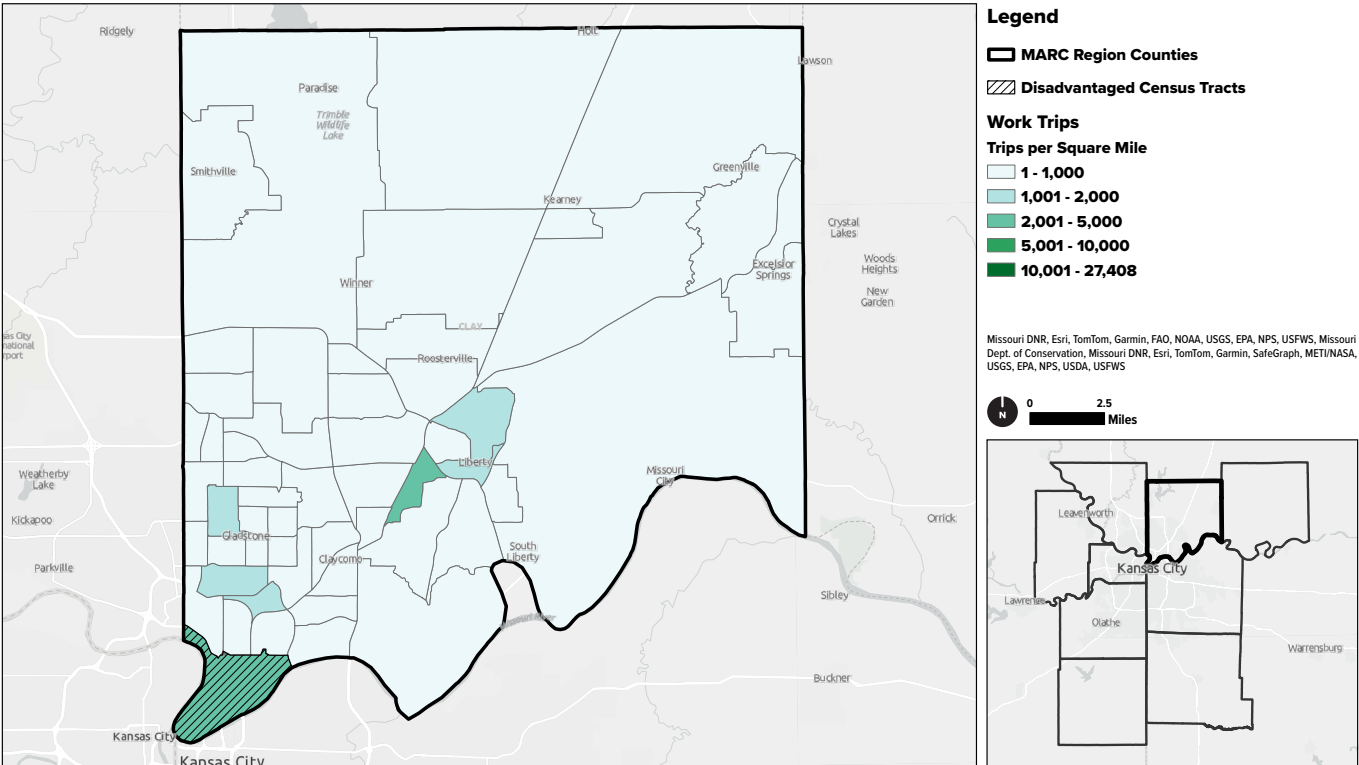
Propensity to Purchase 2035

Leavenworth County, KS

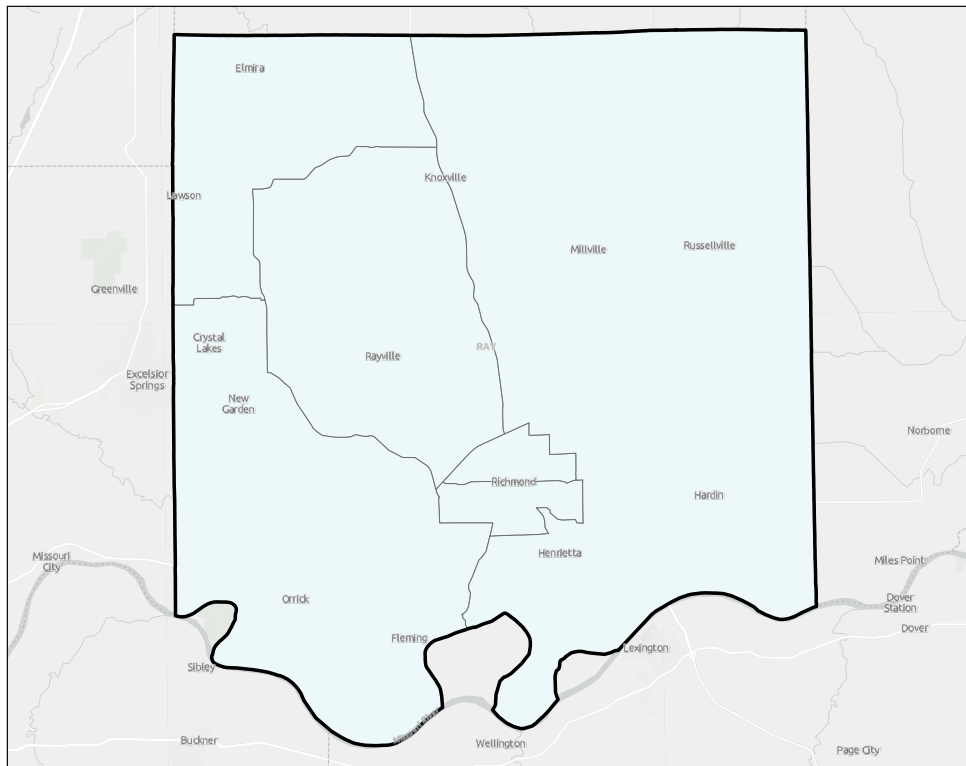
8.1.6 Work Trips



Work Trips
Platte County, MO



Work Trips
Clay County, MO



Legend

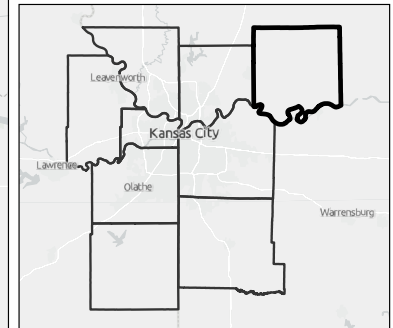
- MARC Region Counties
- Disadvantaged Census Tracts

Work Trips

Trips per Square Mile

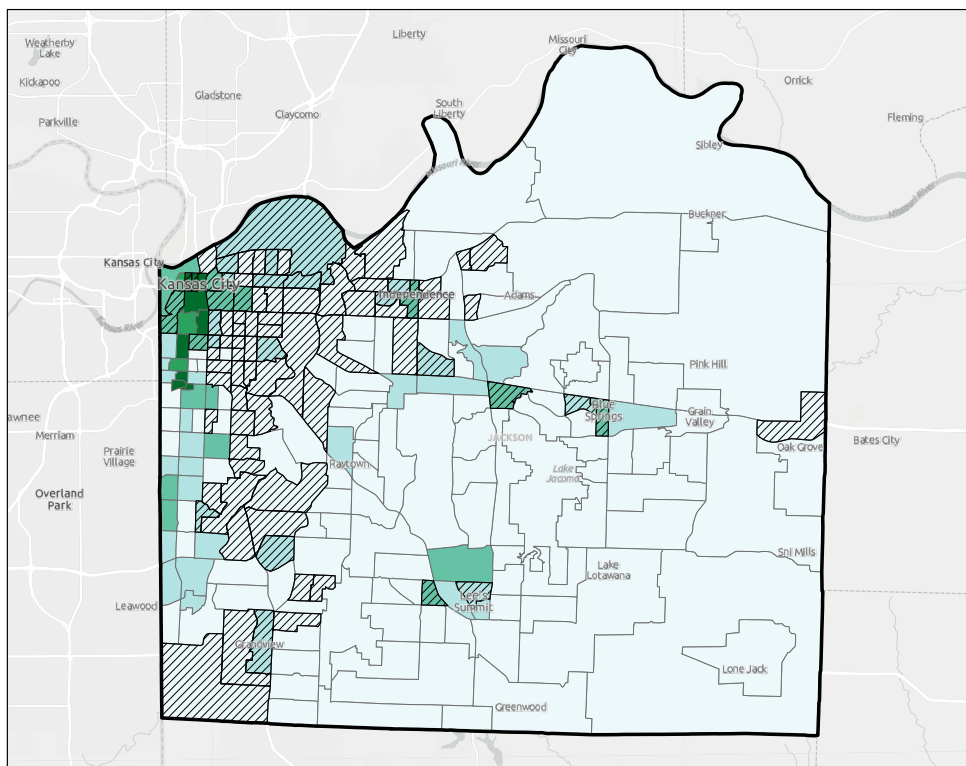
- 1 - 1,000
- 1,001 - 2,000
- 2,001 - 5,000
- 5,001 - 10,000
- 10,001 - 27,408

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



Work Trips

Ray County, MO



Legend

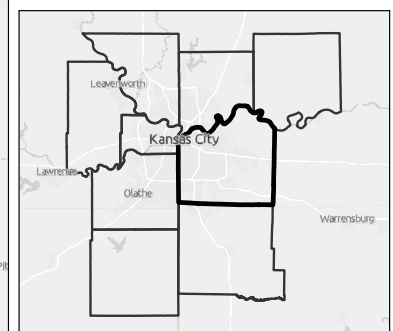
- MARC Region Counties
- Disadvantaged Census Tracts

Work Trips

Trips per Square Mile

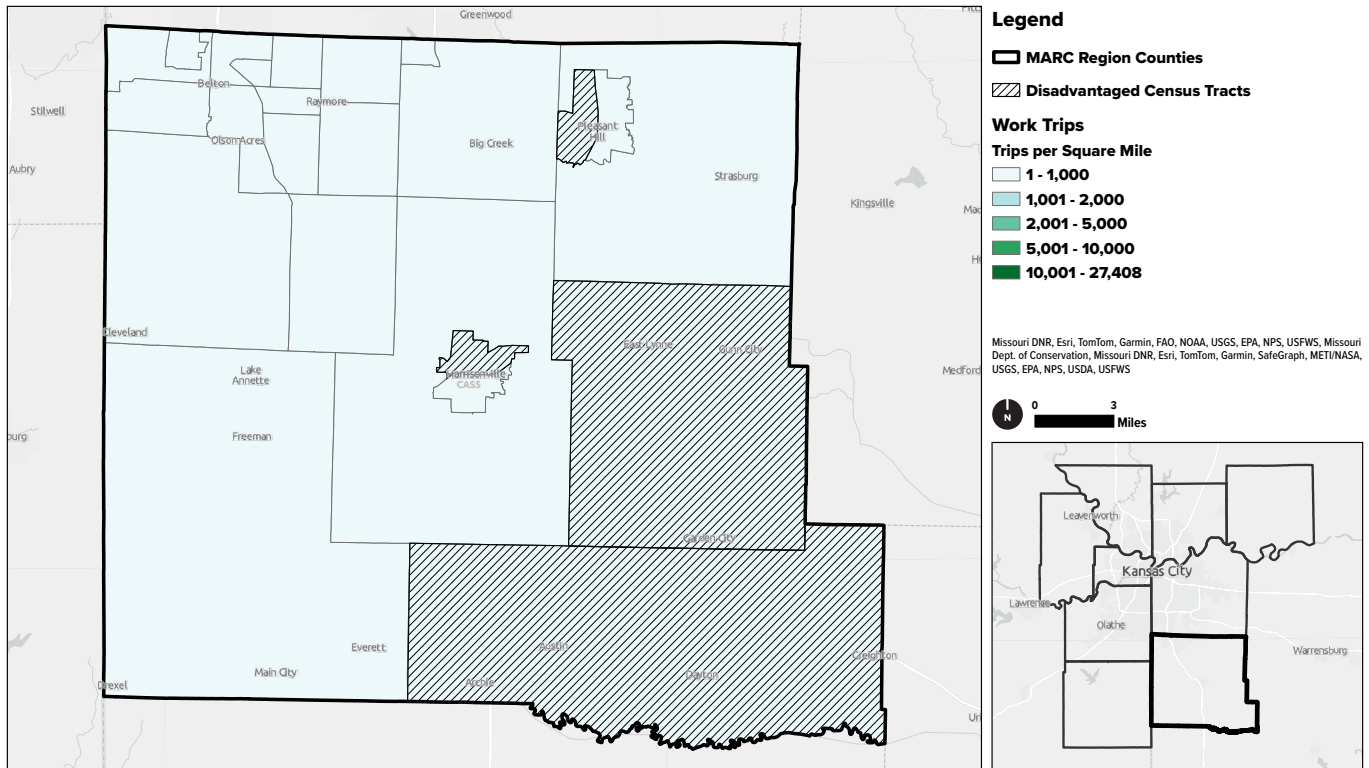
- 1 - 1,000
- 1,001 - 2,000
- 2,001 - 5,000
- 5,001 - 10,000
- 10,001 - 27,408

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



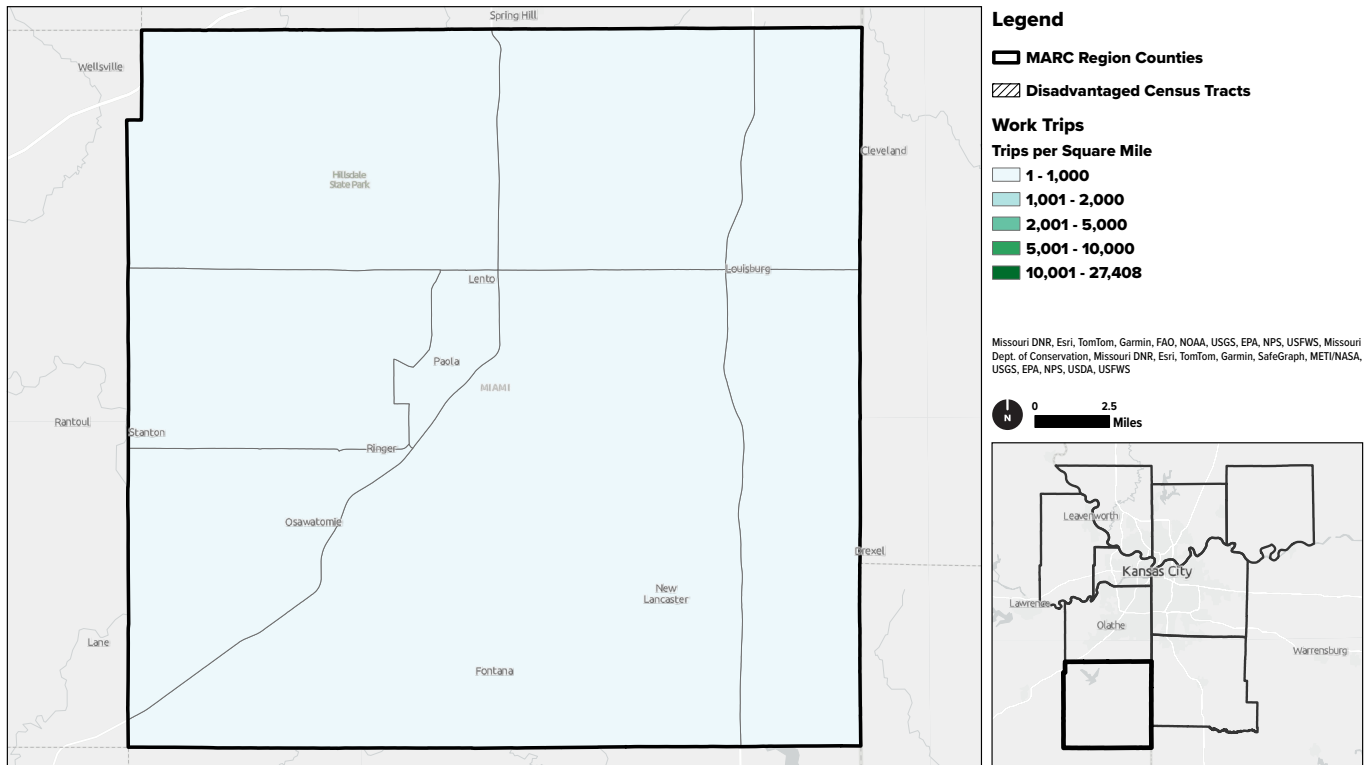
Work Trips

Jackson County, MO



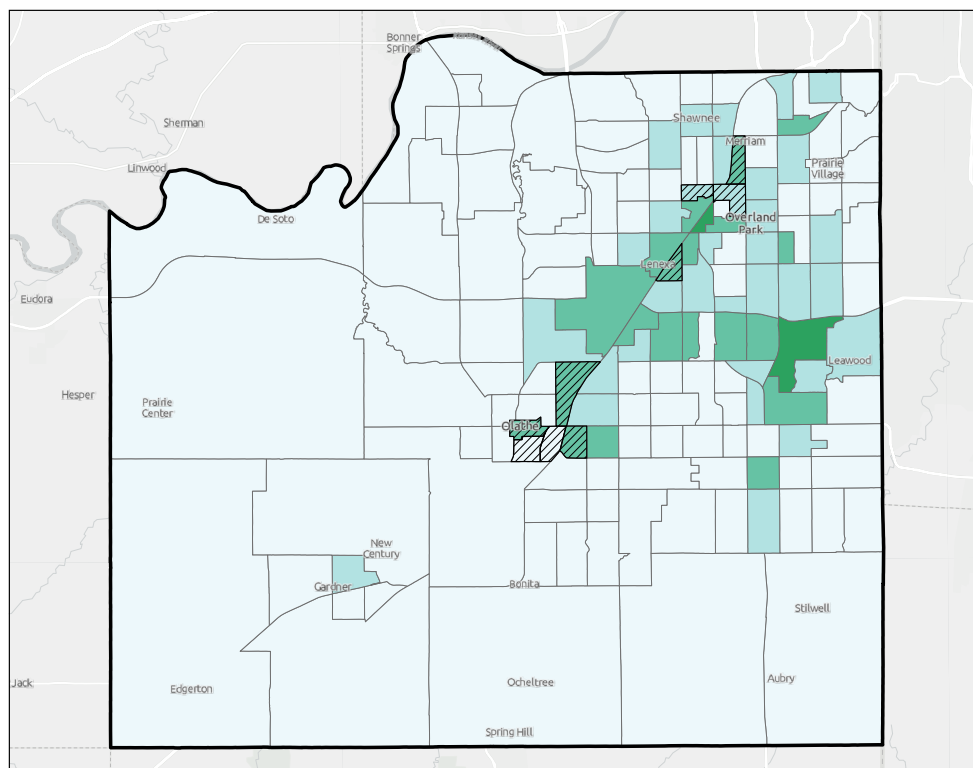
Work Trips

Cass County, MO



Work Trips

Miami County, KS



Legend

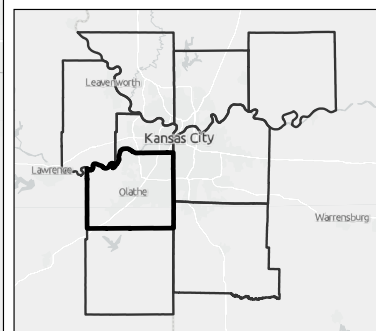
- MARC Region Counties
- Disadvantaged Census Tracts

Work Trips

Trips per Square Mile

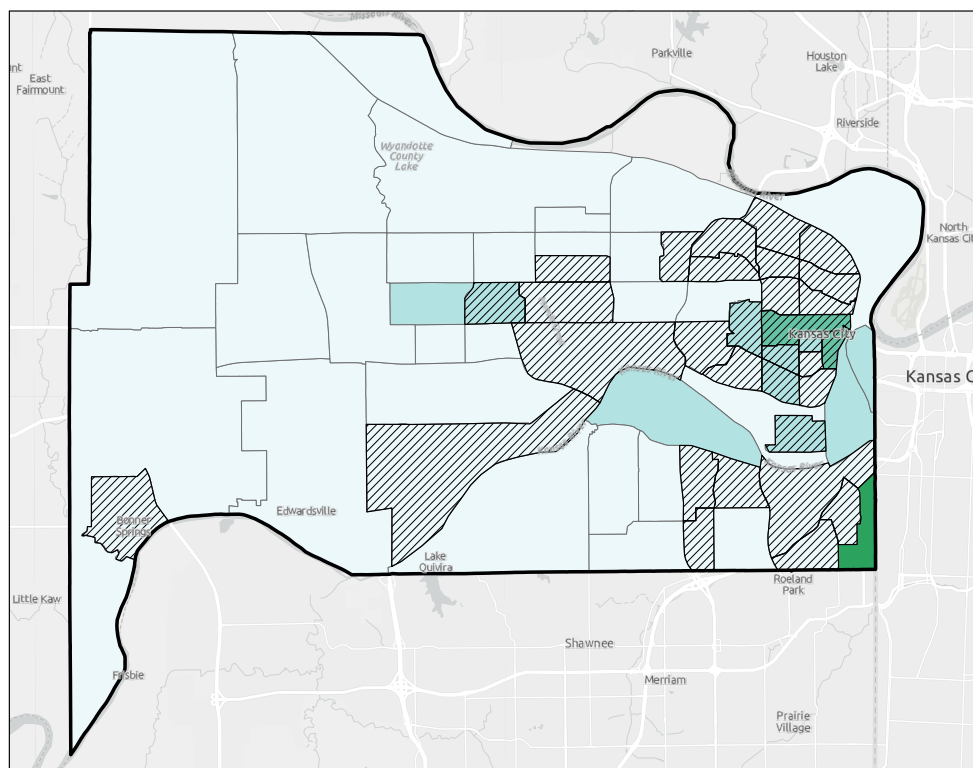
- 1 - 1,000
- 1,001 - 2,000
- 2,001 - 5,000
- 5,001 - 10,000
- 10,001 - 27,408

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



Work Trips

Johnson County, KS



Legend

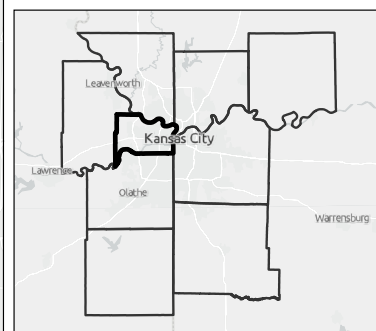
- MARC Region Counties
- Disadvantaged Census Tracts

Work Trips

Trips per Square Mile

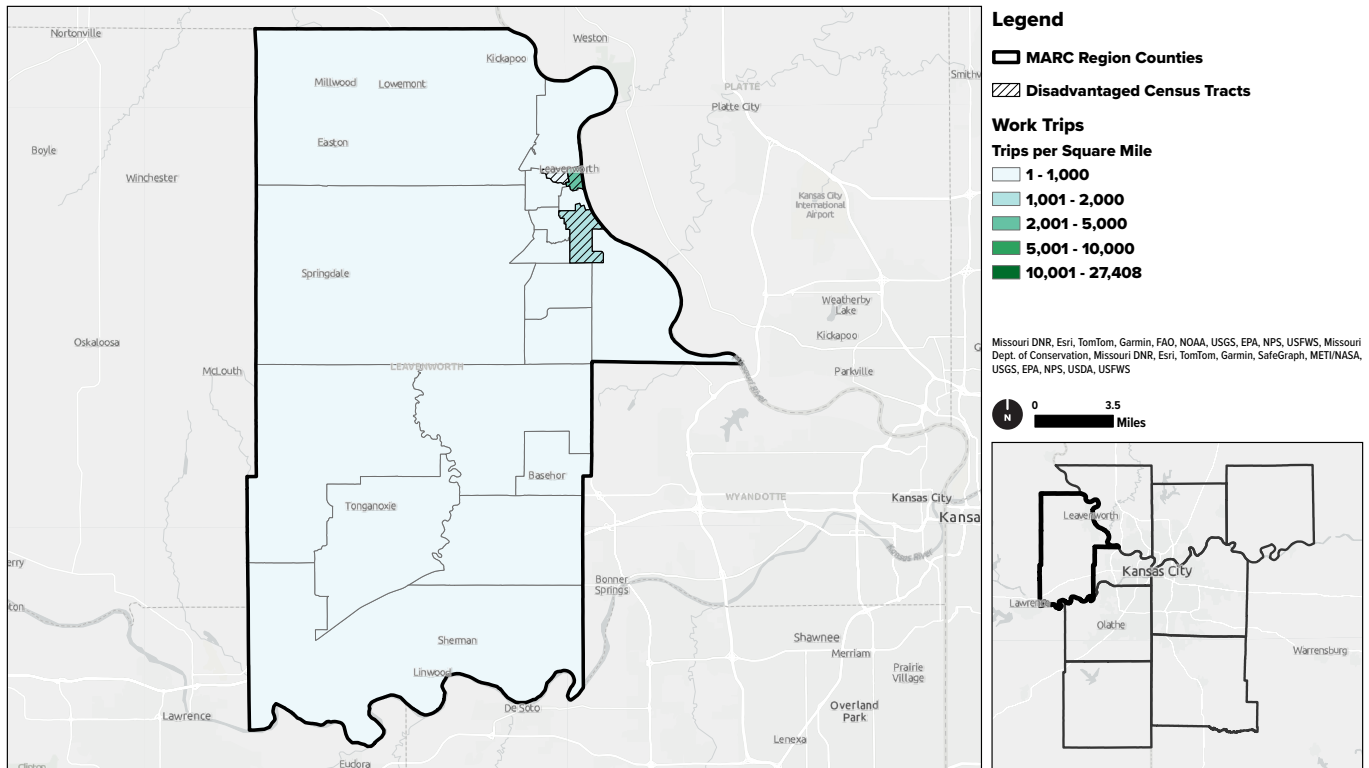
- 1 - 1,000
- 1,001 - 2,000
- 2,001 - 5,000
- 5,001 - 10,000
- 10,001 - 27,408

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Unified Gov of Wyandotte Co, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, Geotechnologies, Inc, MET/NASA, USGS, EPA, NPS, USDA, USFWS



Work Trips

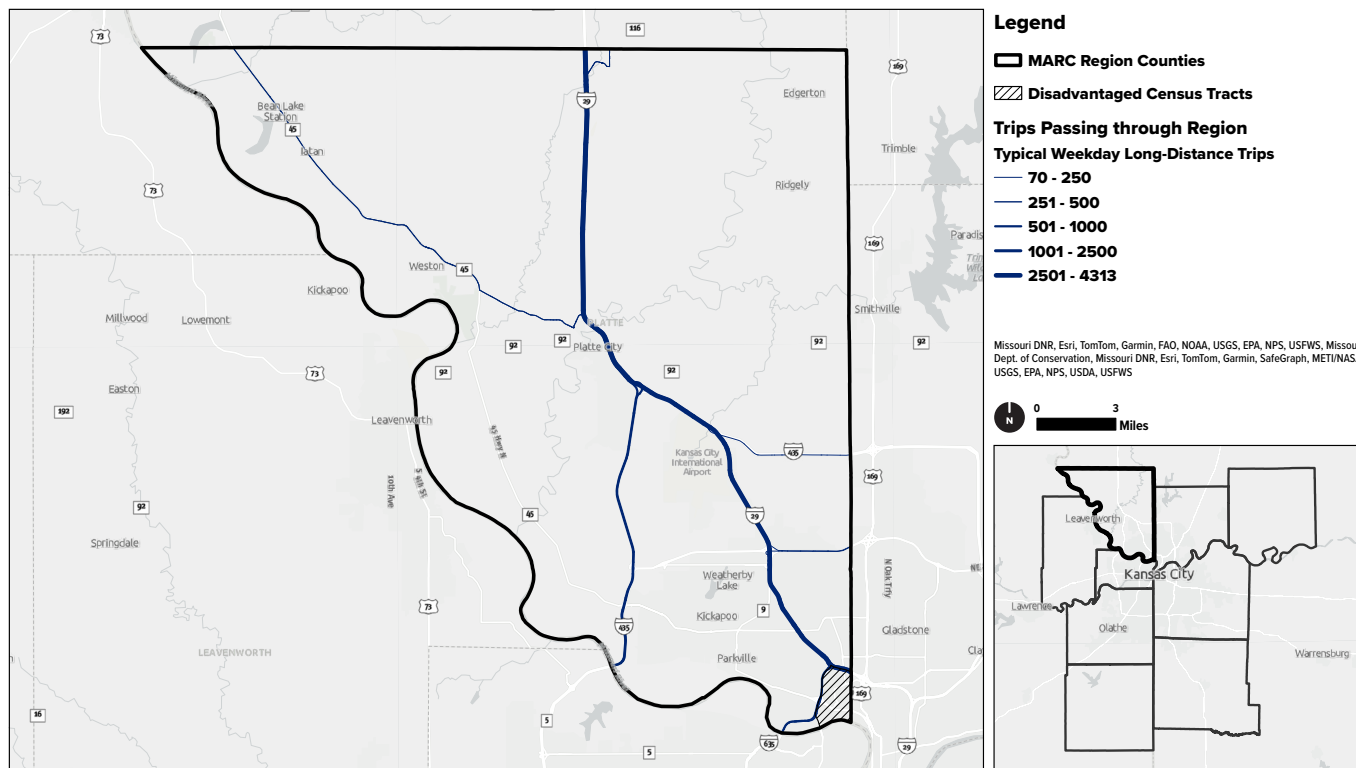
Wyandotte County, KS



Work Trips

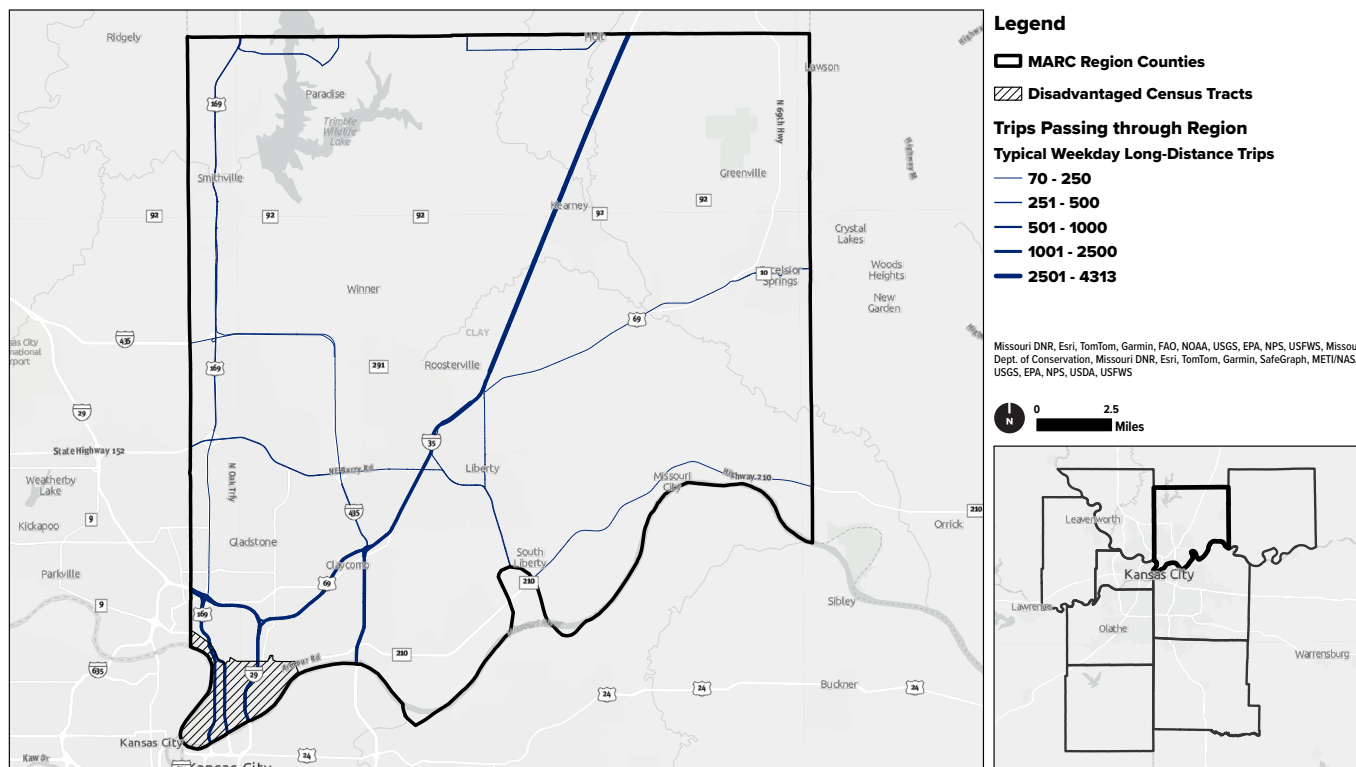
Leavenworth County, KS

8.1.7 Pass Through Trips



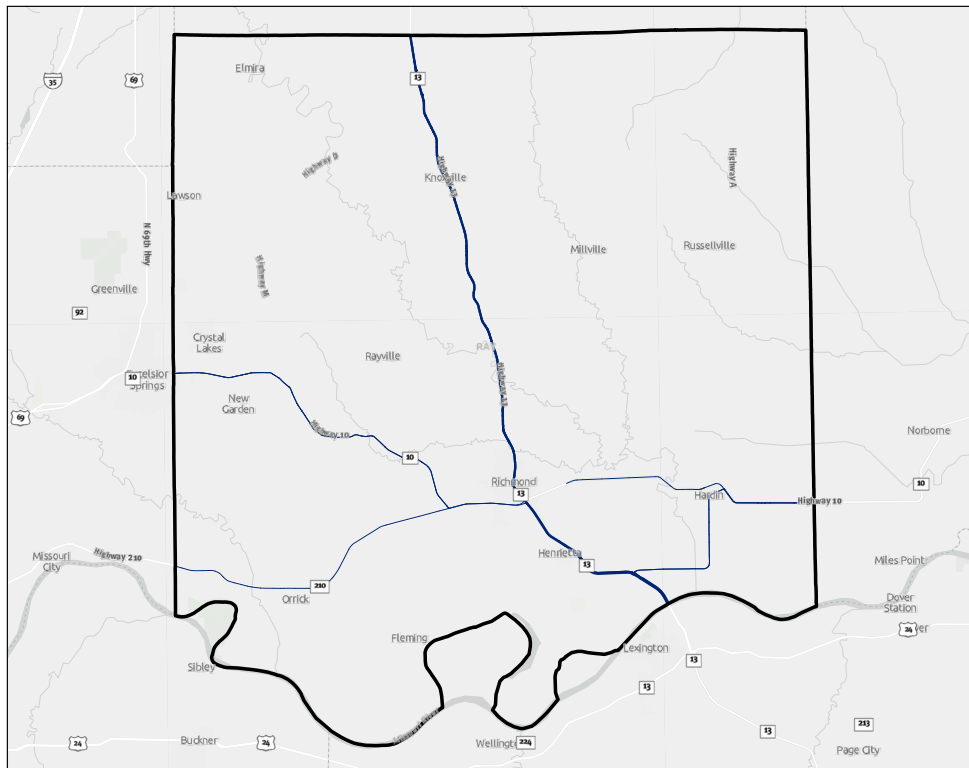
Pass Through Trips

Platte County, MO



Pass Through Trips

Clay County, MO



Legend

MARC Region Counties

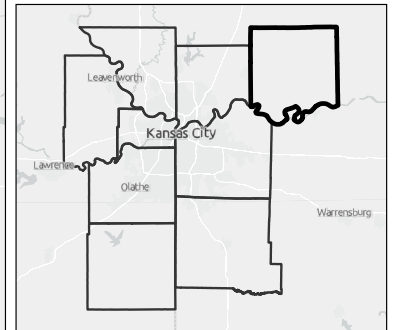
Disadvantaged Census Tracts

Trips Passing through Region

Typical Weekday Long-Distance Trips

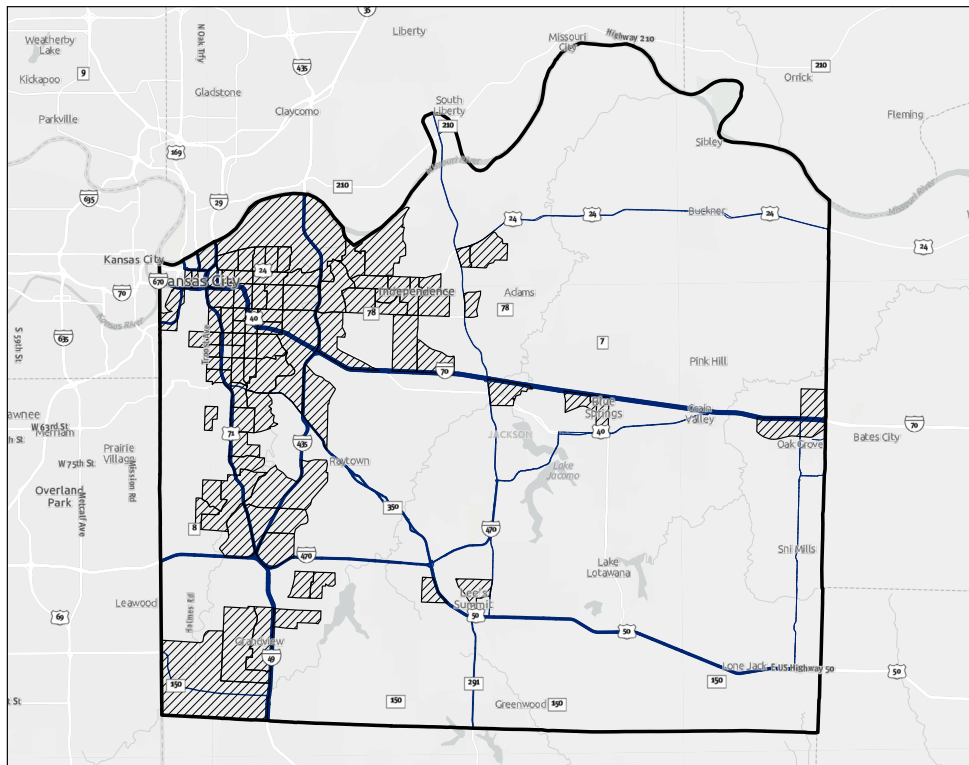
- 70 - 250
- 251 - 500
- 501 - 1000
- 1001 - 2500
- 2501 - 4313

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



Pass Through Trips

Ray County, MO



Legend

MARC Region Counties

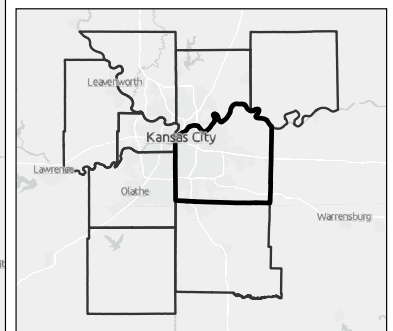
Disadvantaged Census Tracts

Trips Passing through Region

Typical Weekday Long-Distance Trips

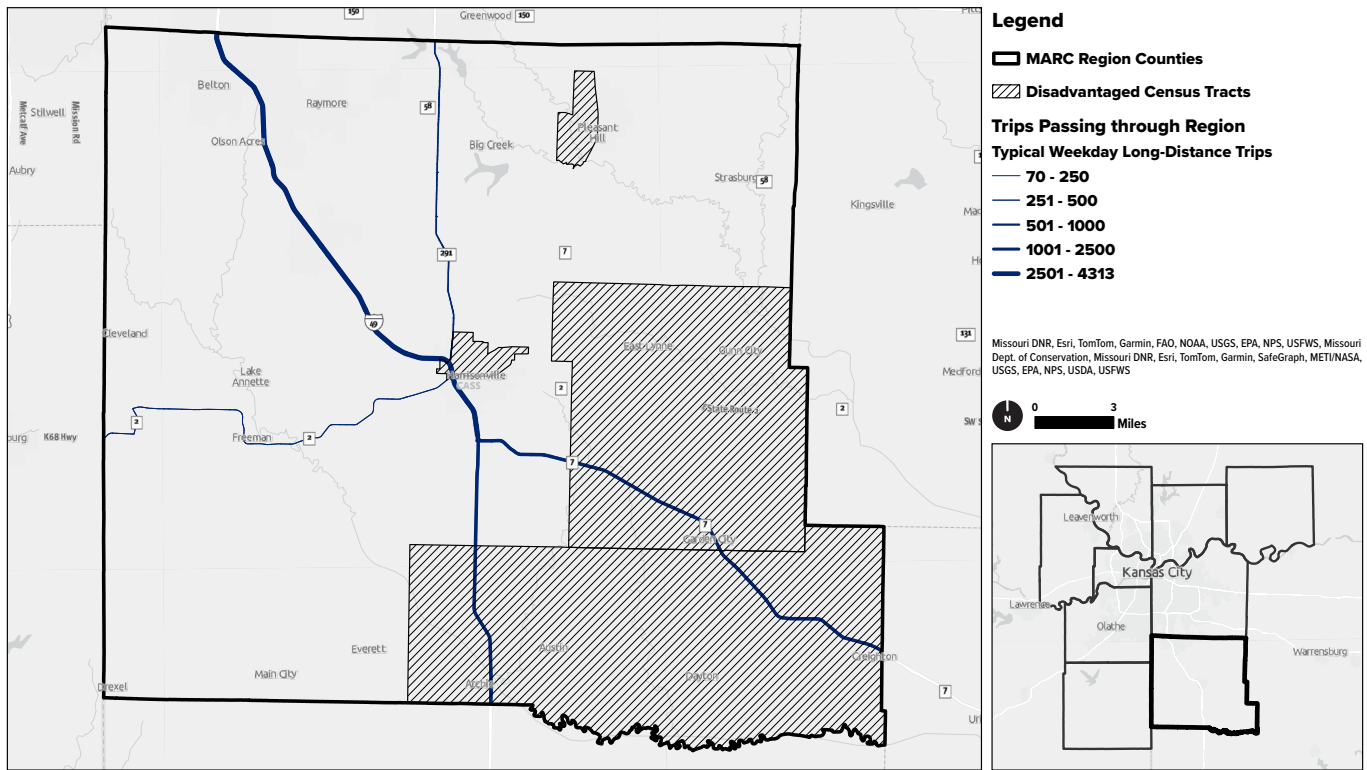
- 70 - 250
- 251 - 500
- 501 - 1000
- 1001 - 2500
- 2501 - 4313

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



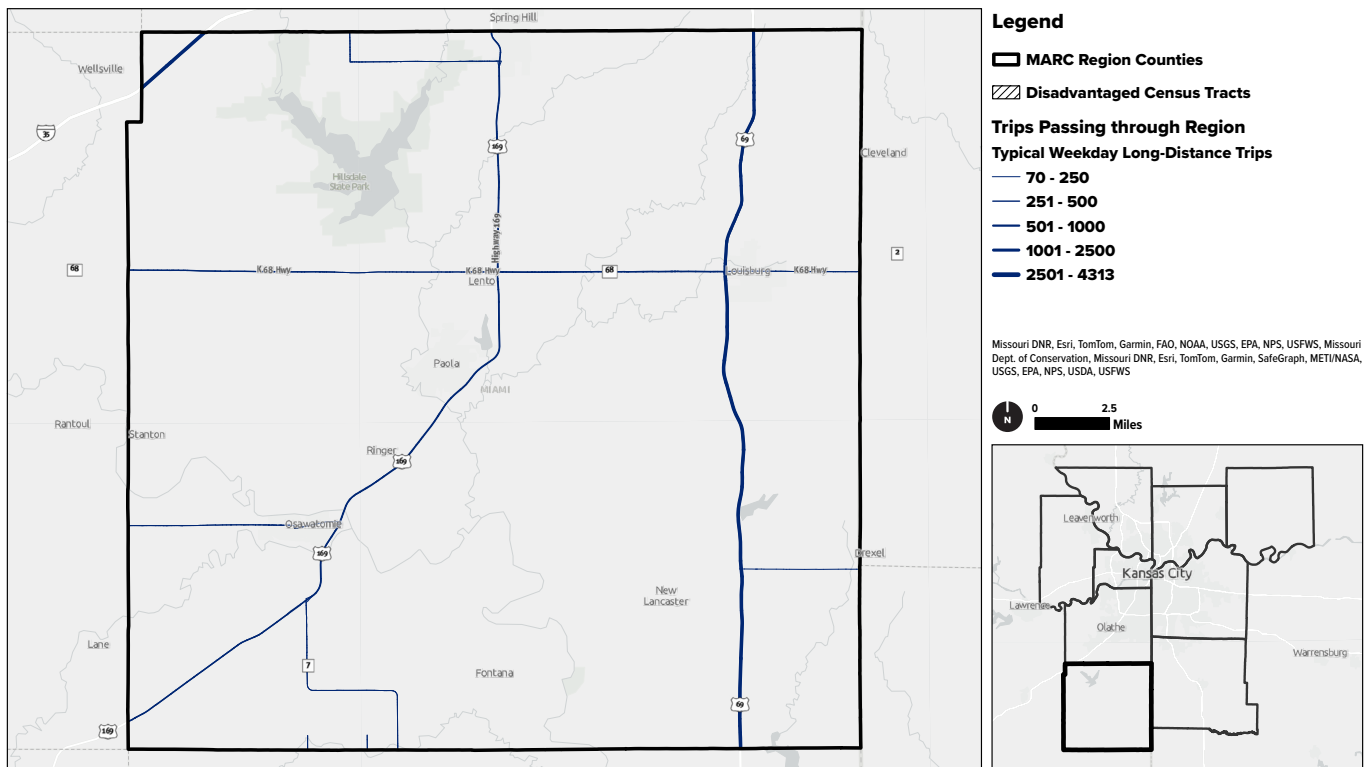
Pass Through Trips

Jackson County, MO



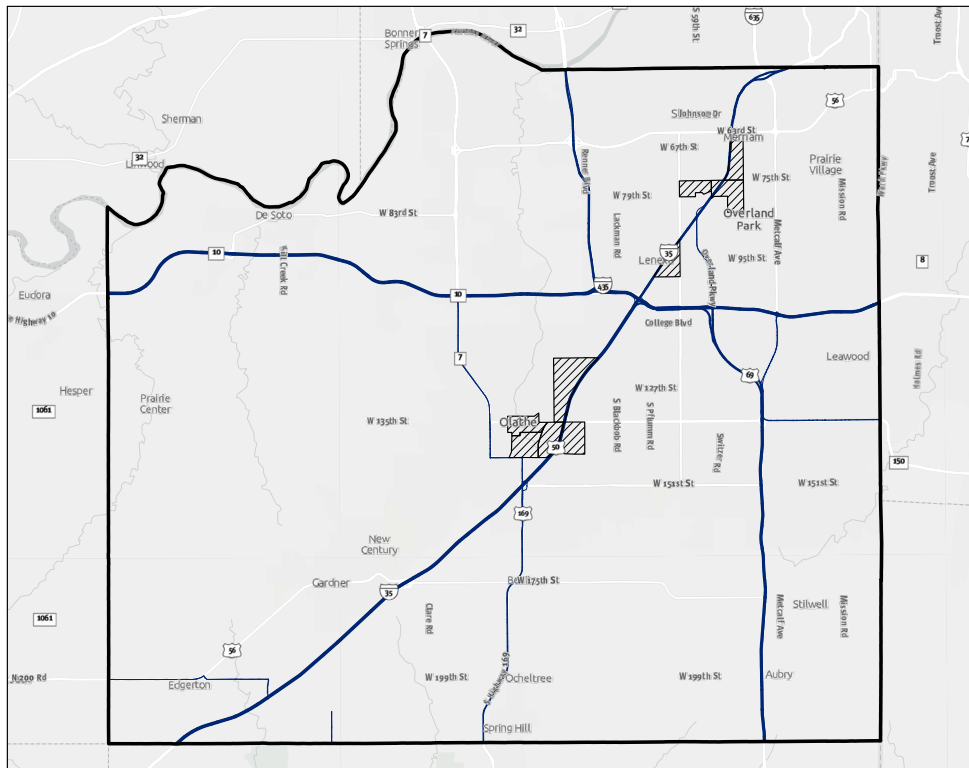
Pass Through Trips

Cass County, MO



Pass Through Trips

Miami County, KS



Legend

MARC Region Counties

Disadvantaged Census Tracts

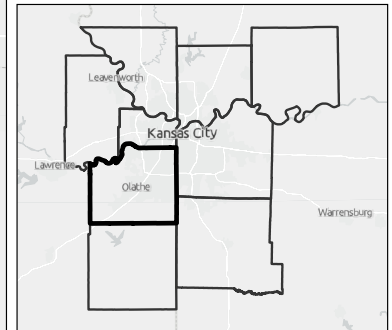
Trips Passing through Region

Typical Weekday Long-Distance Trips

70 - 250
251 - 500
501 - 1000
1001 - 2500
2501 - 4313

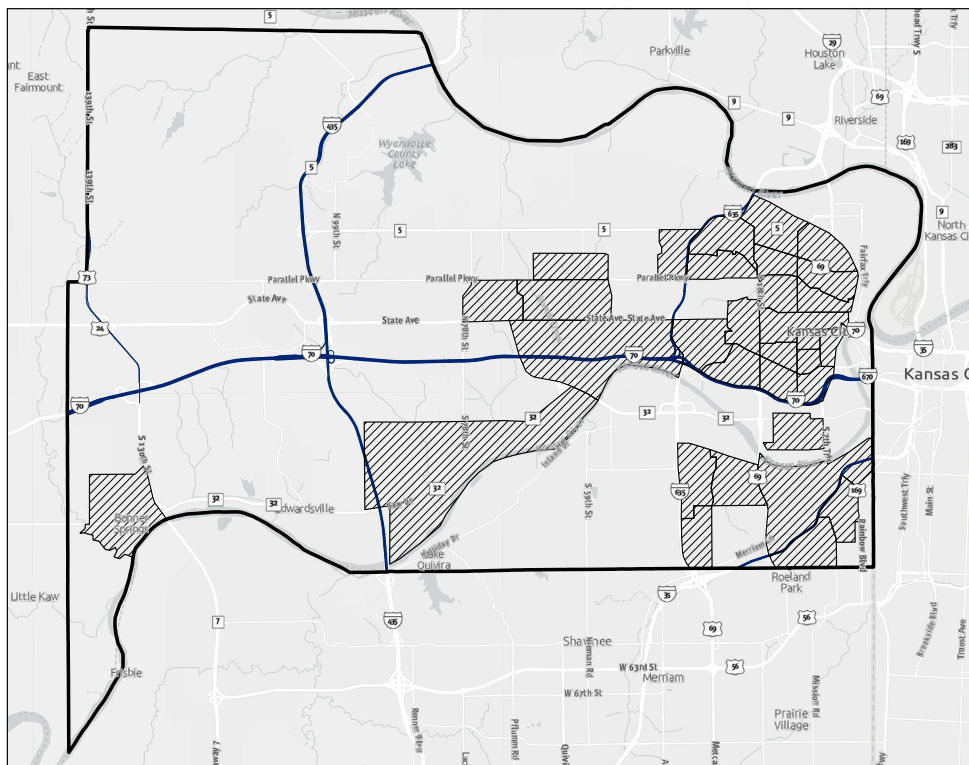
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 2 Miles



Pass Through Trips

Johnson County, KS



Legend

MARC Region Counties

Disadvantaged Census Tracts

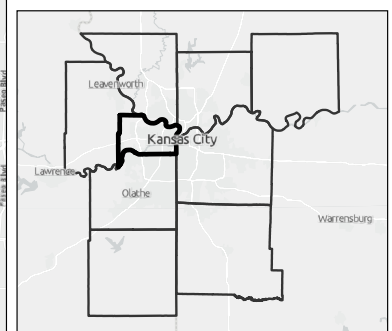
Trips Passing through Region

Typical Weekday Long-Distance Trips

70 - 250
251 - 500
501 - 1000
1001 - 2500
2501 - 4313

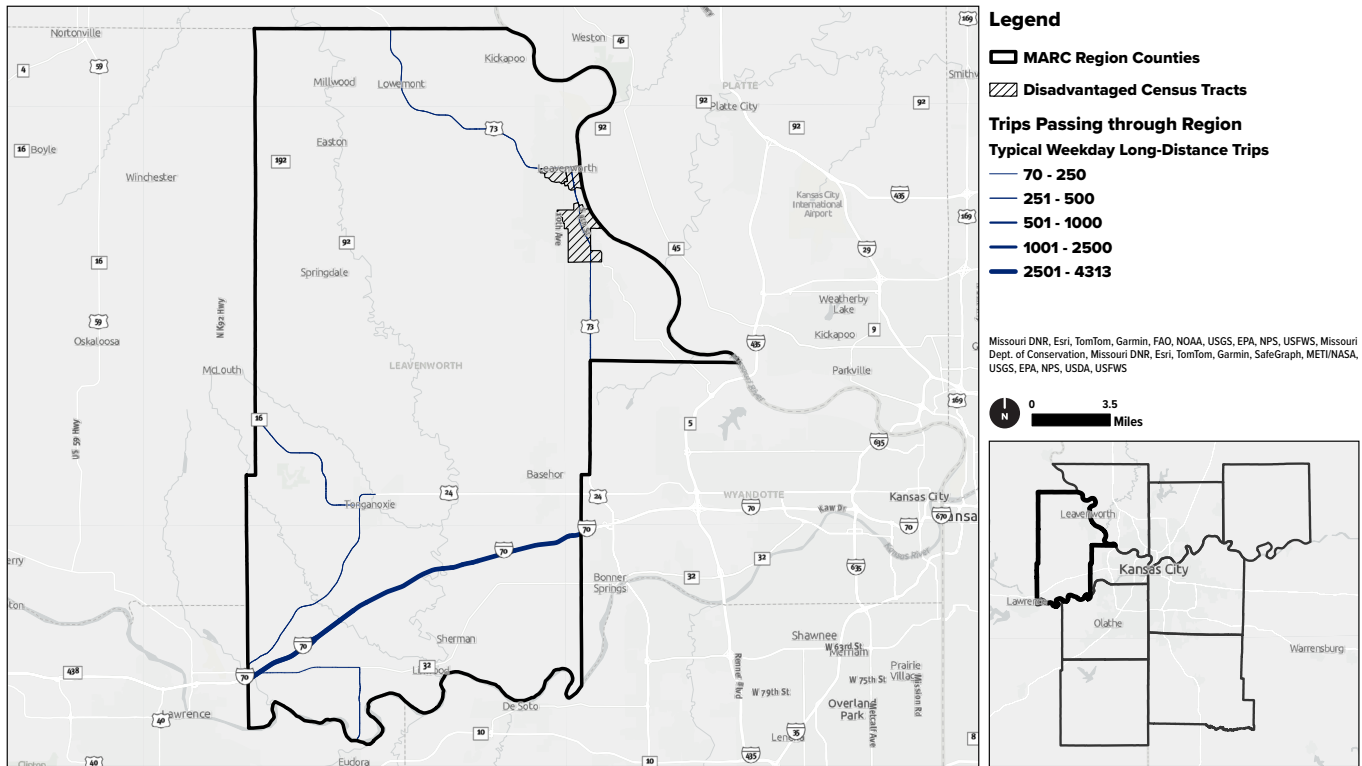
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Unified Gov of Wyandotte Co, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, Geotechnologies, Inc, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 1.5 Miles



Pass Through Trips

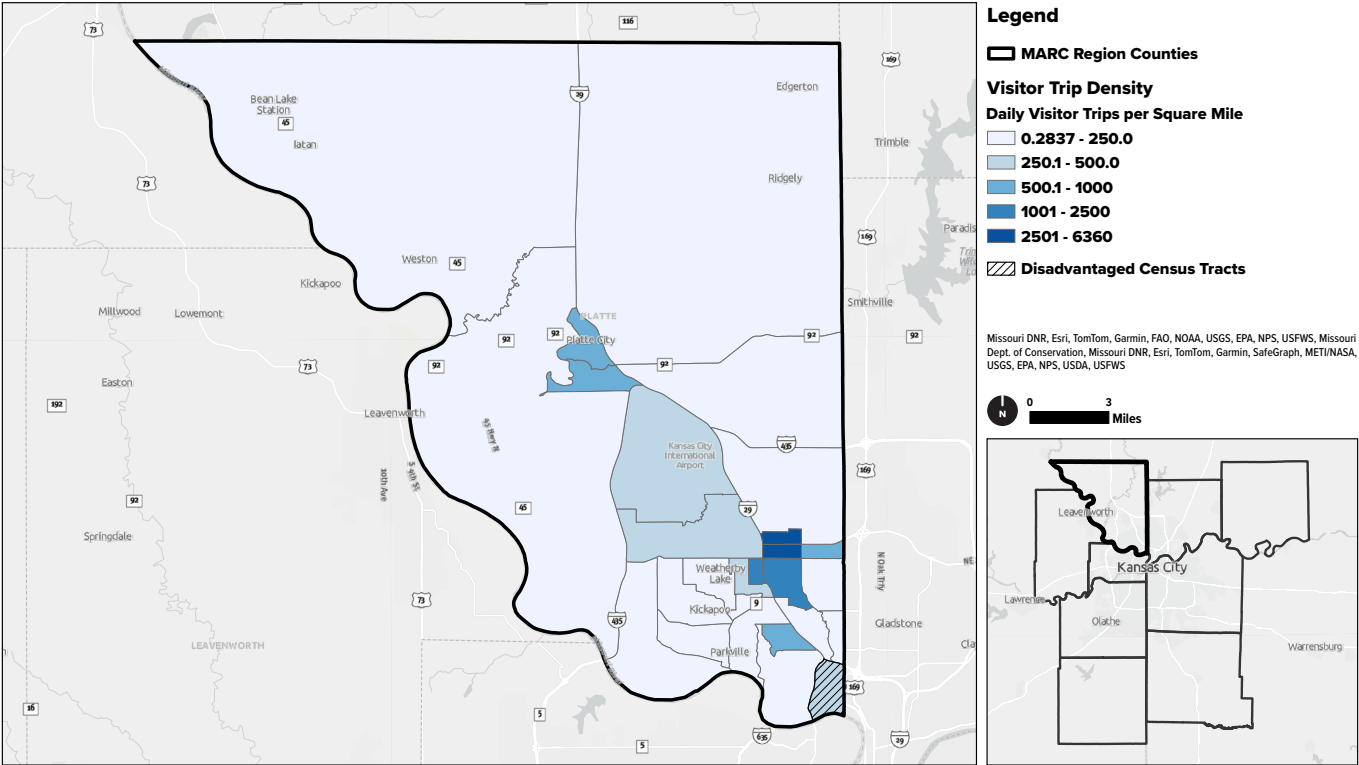
Wyandotte County, KS



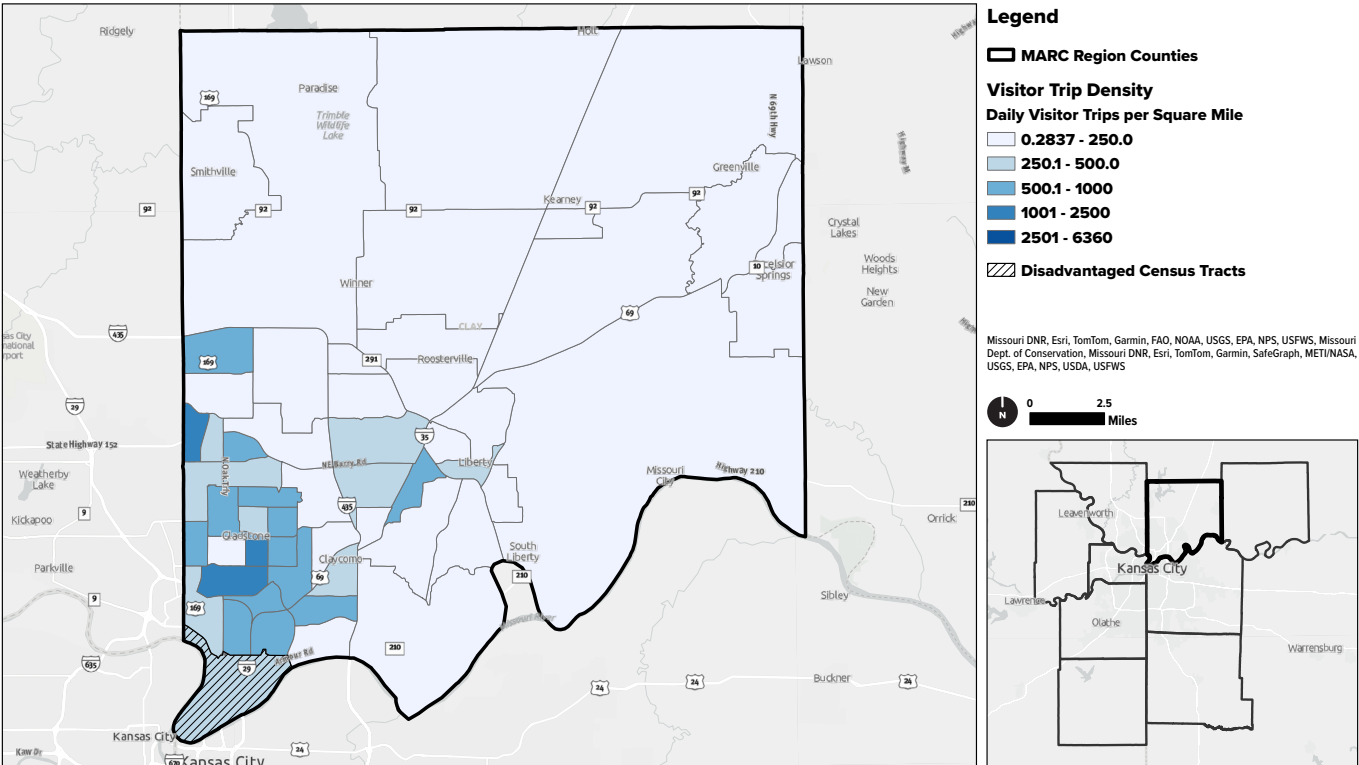
Pass Through Trips

Leavenworth County, KS

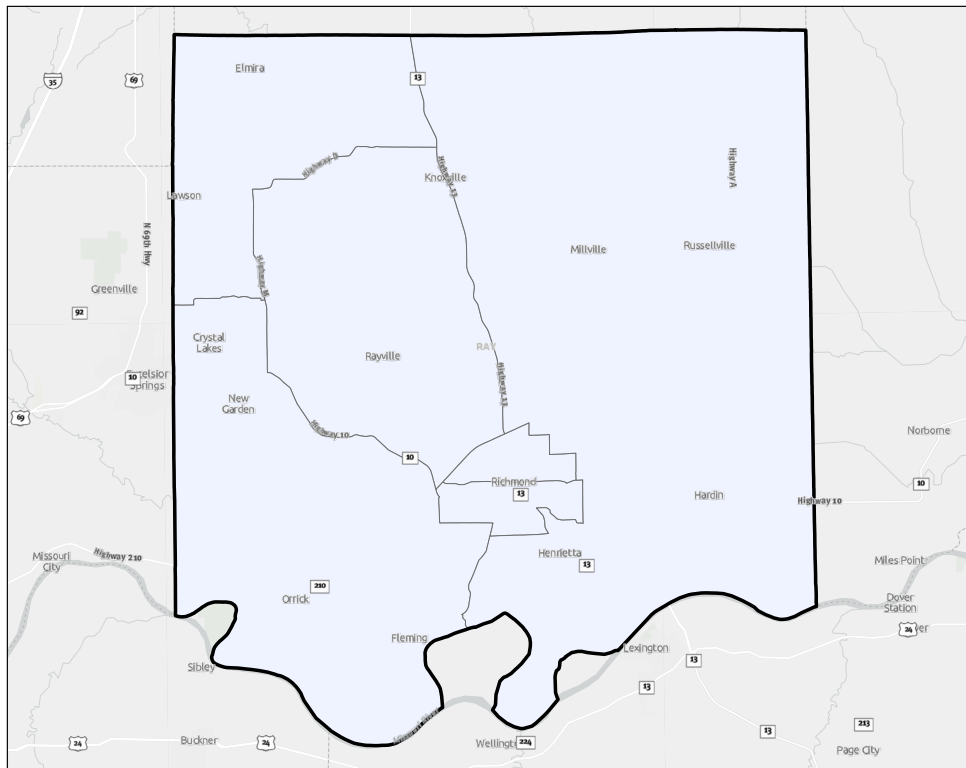
8.1.8 Visitor Trips



Visitor Trips
Platte County, MO



Visitor Trips
Clay County, MO



Legend

MARC Region Counties

Visitor Trip Density

Daily Visitor Trips per Square Mile

0.2837 - 250.0

250.1 - 500.0

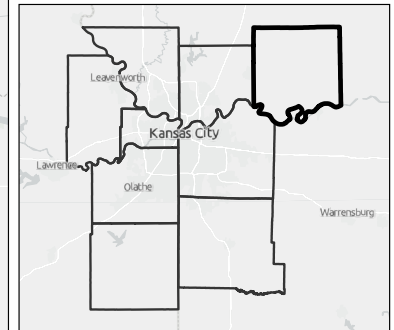
500.1 - 1000

1001 - 2500

2501 - 6360

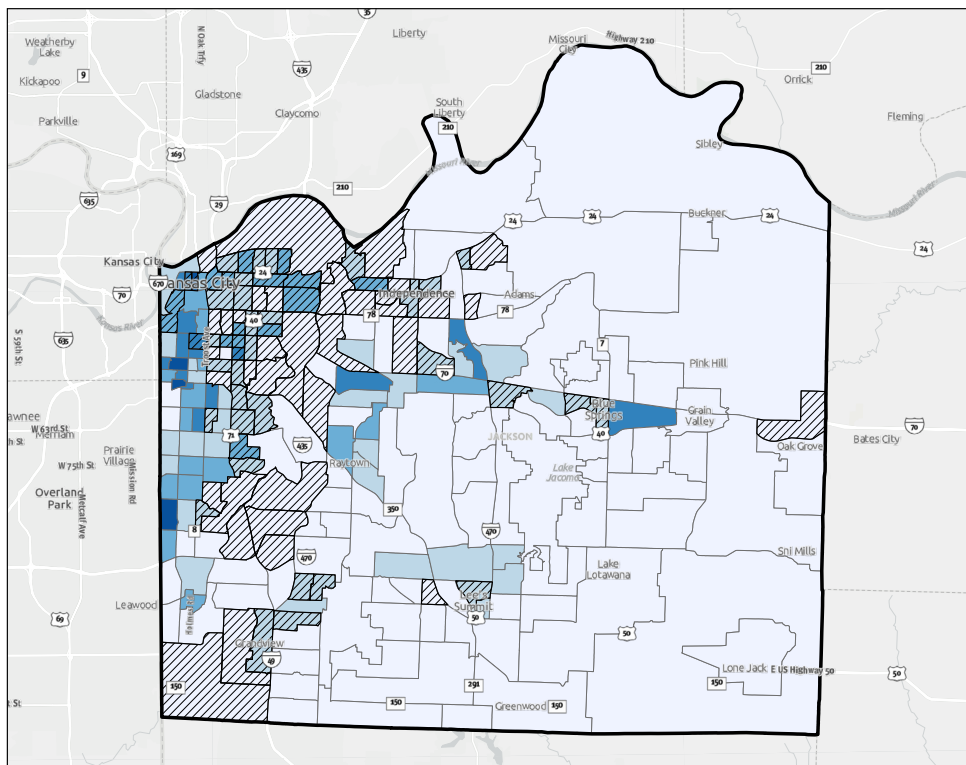
Disadvantaged Census Tracts

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS



Visitor Trips

Ray County, MO



Legend

MARC Region Counties

Visitor Trip Density

Daily Visitor Trips per Square Mile

0.2837 - 250.0

250.1 - 500.0

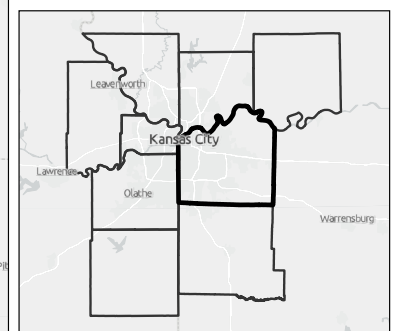
500.1 - 1000

1001 - 2500

2501 - 6360

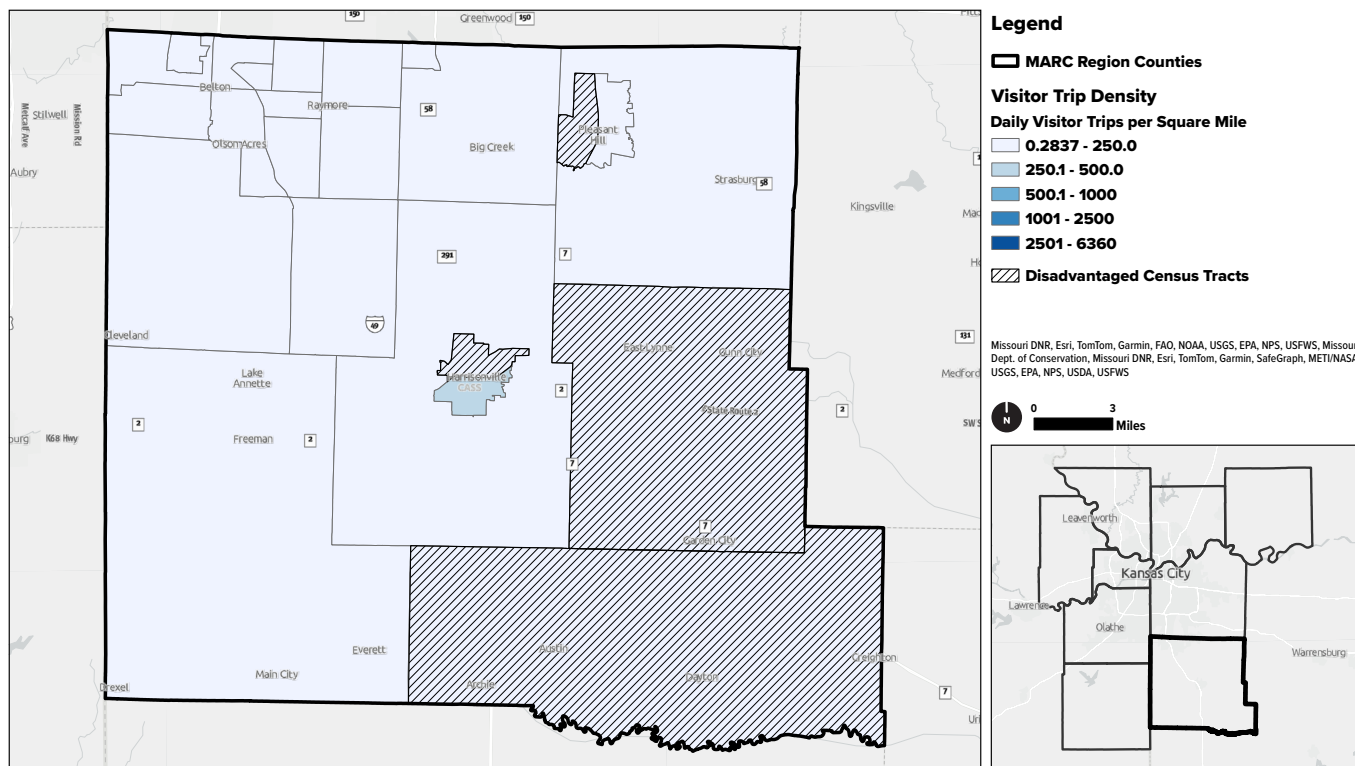
Disadvantaged Census Tracts

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS



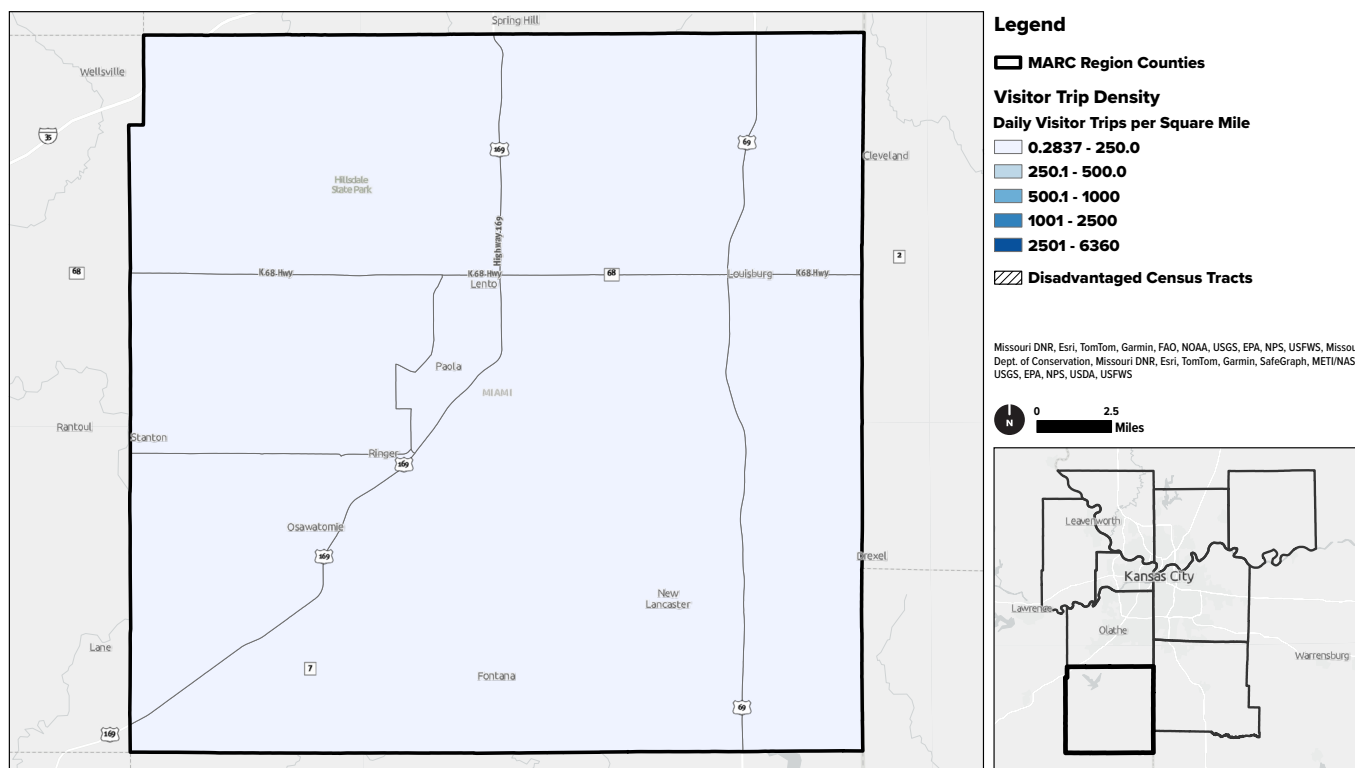
Visitor Trips

Jackson County, MO



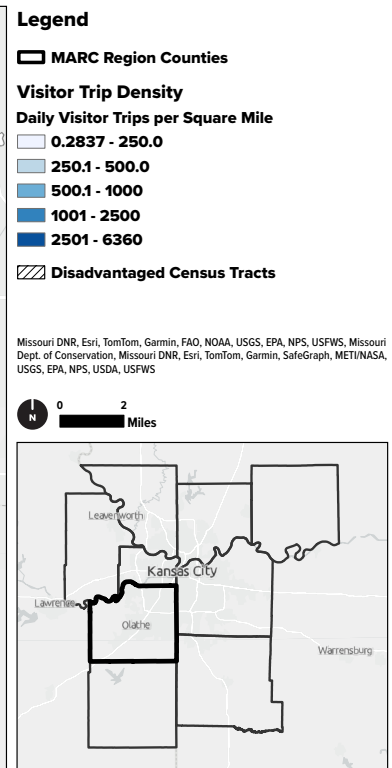
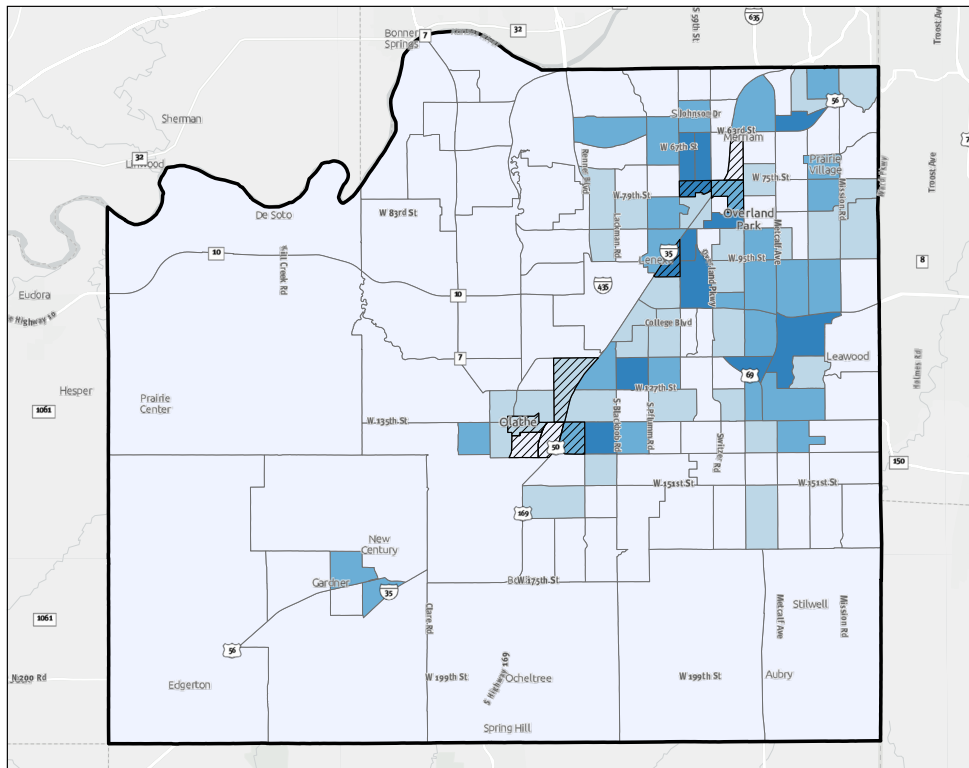
Visitor Trips

Cass County, MO



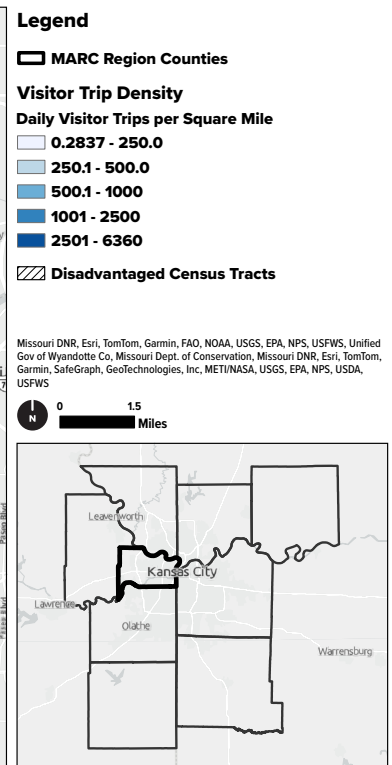
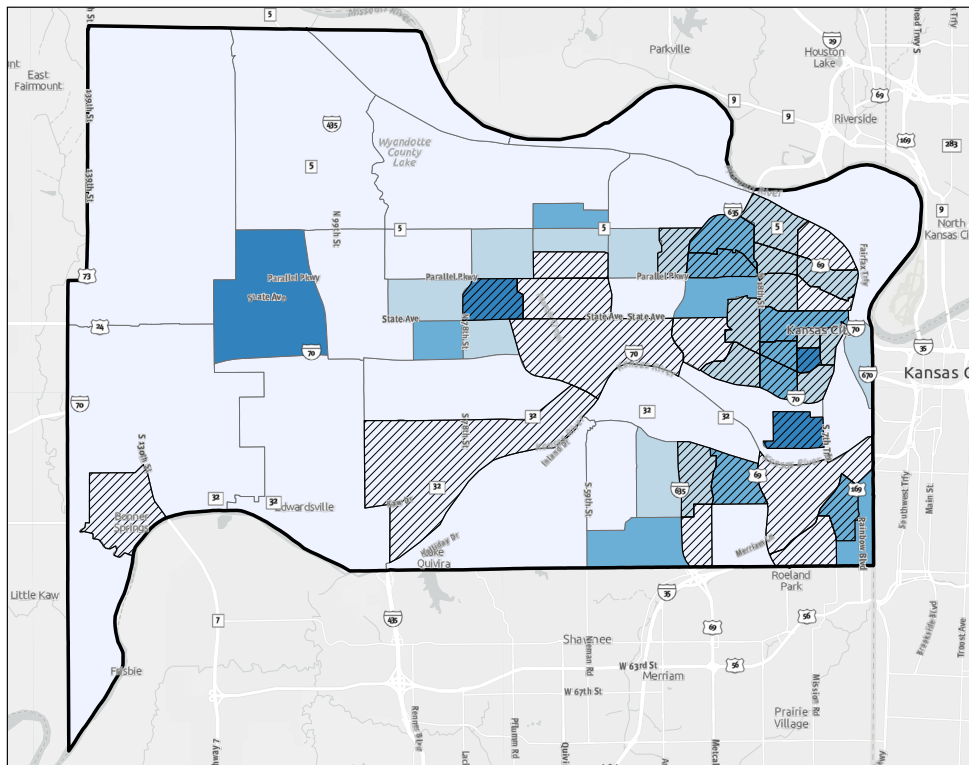
Visitor Trips

Miami County, KS



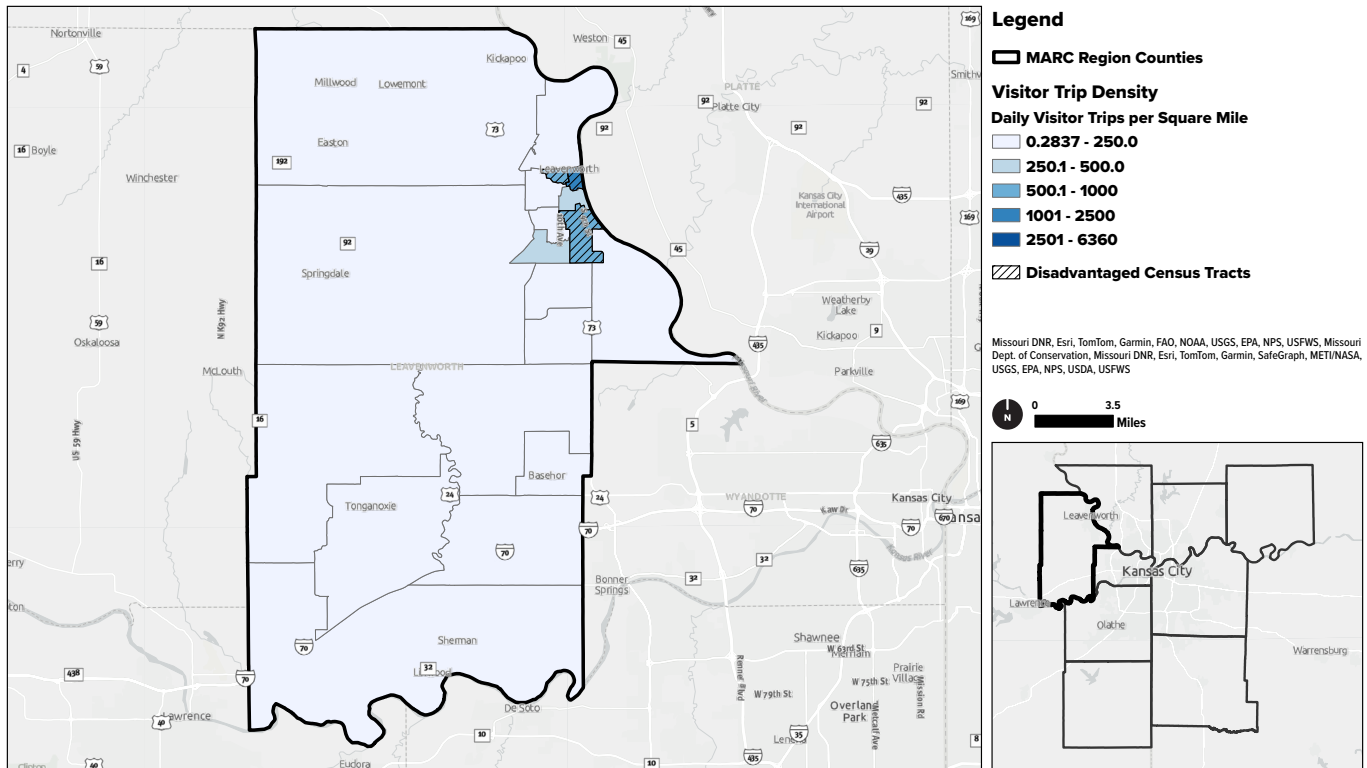
Visitor Trips

Johnson County, KS



Visitor Trips

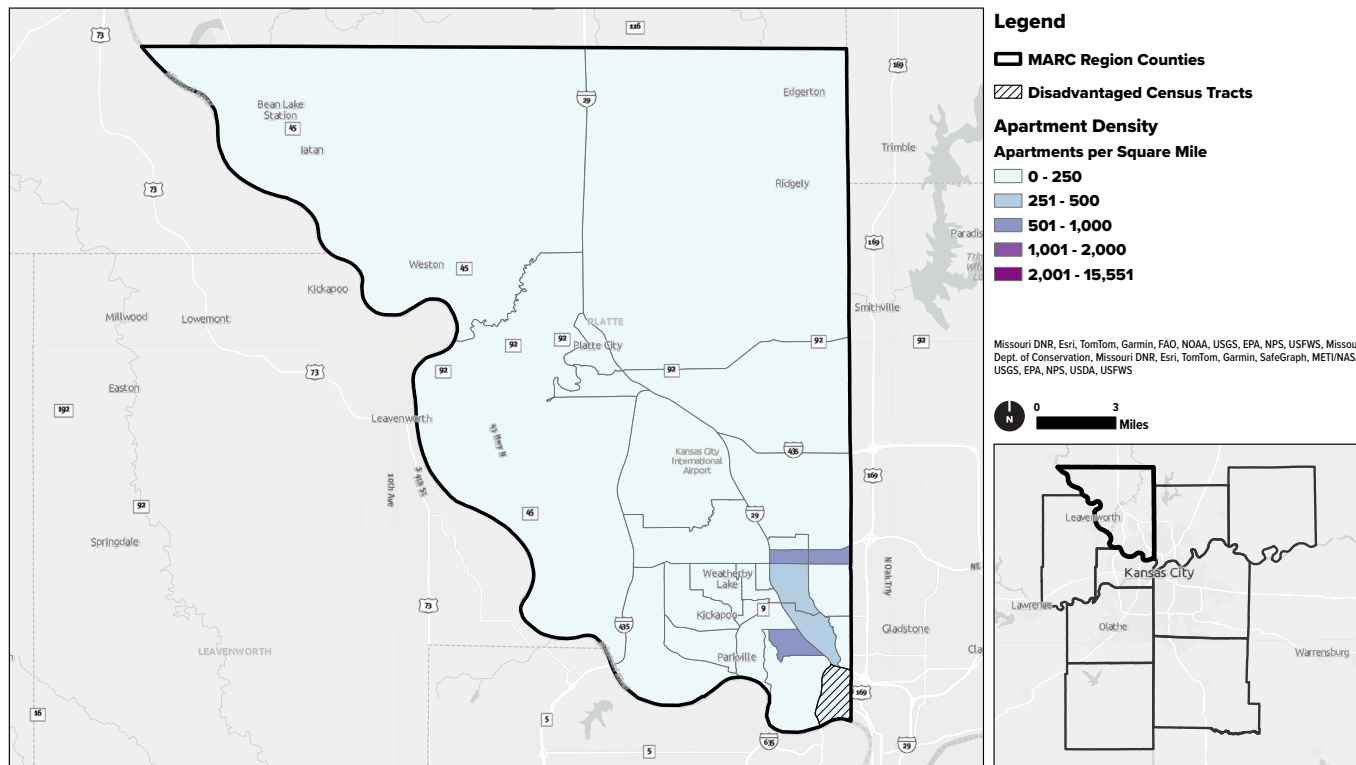
Wyandotte County, KS



Visitor Trips

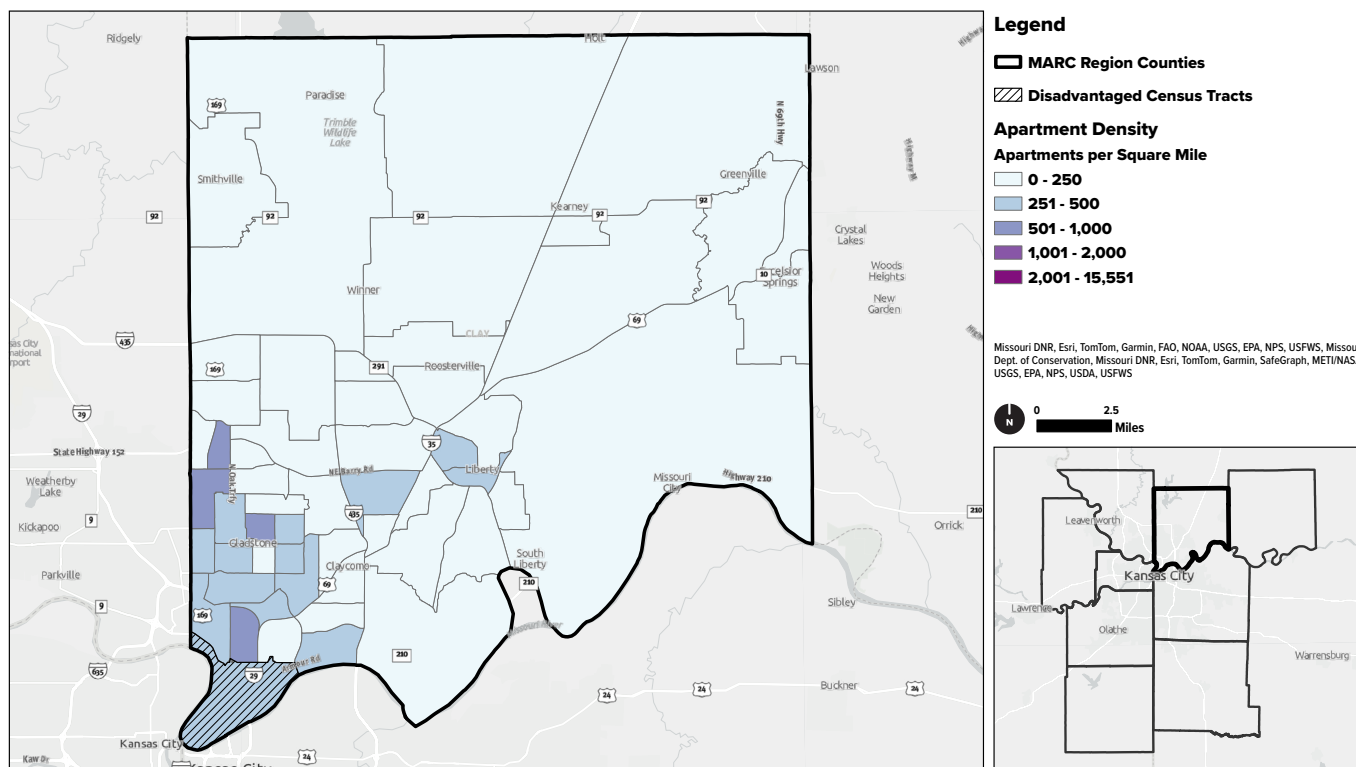
Leavenworth County, KS

8.1.9 Multifamily Housing



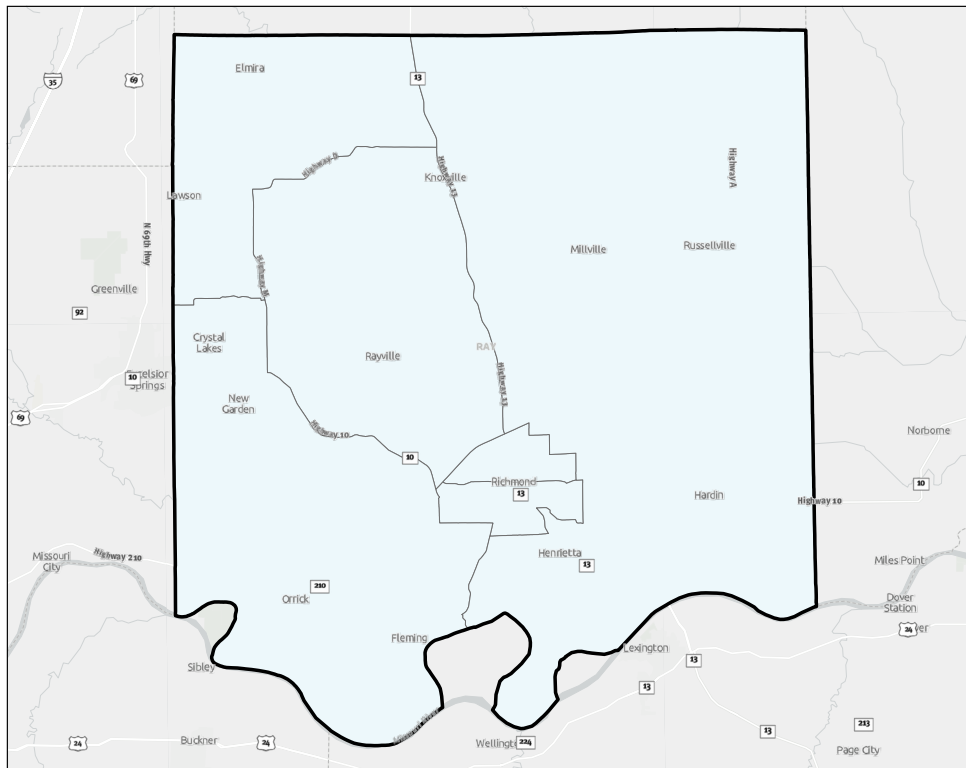
Multifamily Housing

Platte County, MO



Multifamily Housing

Clay County, MO



Legend

- MARC Region Counties
- Disadvantaged Census Tracts

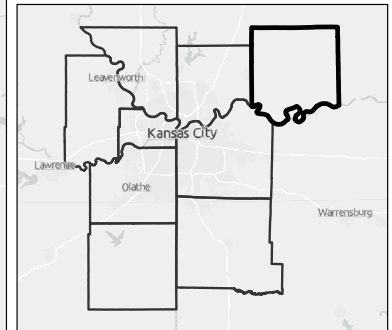
Apartment Density

Apartments per Square Mile

- 0 - 250
- 251 - 500
- 501 - 1,000
- 1,001 - 2,000
- 2,001 - 15,551

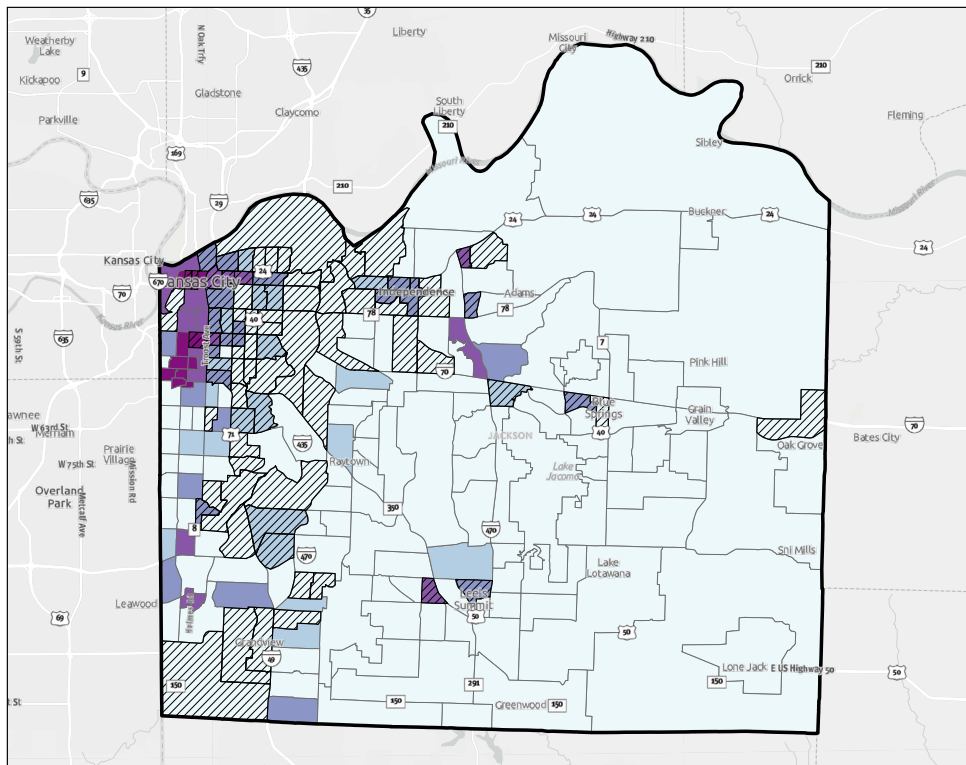
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 3 Miles



Multifamily Housing

Ray County, MO



Legend

- MARC Region Counties
- Disadvantaged Census Tracts

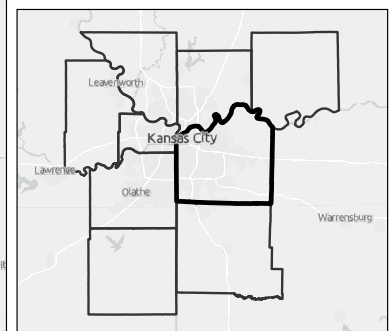
Apartment Density

Apartments per Square Mile

- 0 - 250
- 251 - 500
- 501 - 1,000
- 1,001 - 2,000
- 2,001 - 15,551

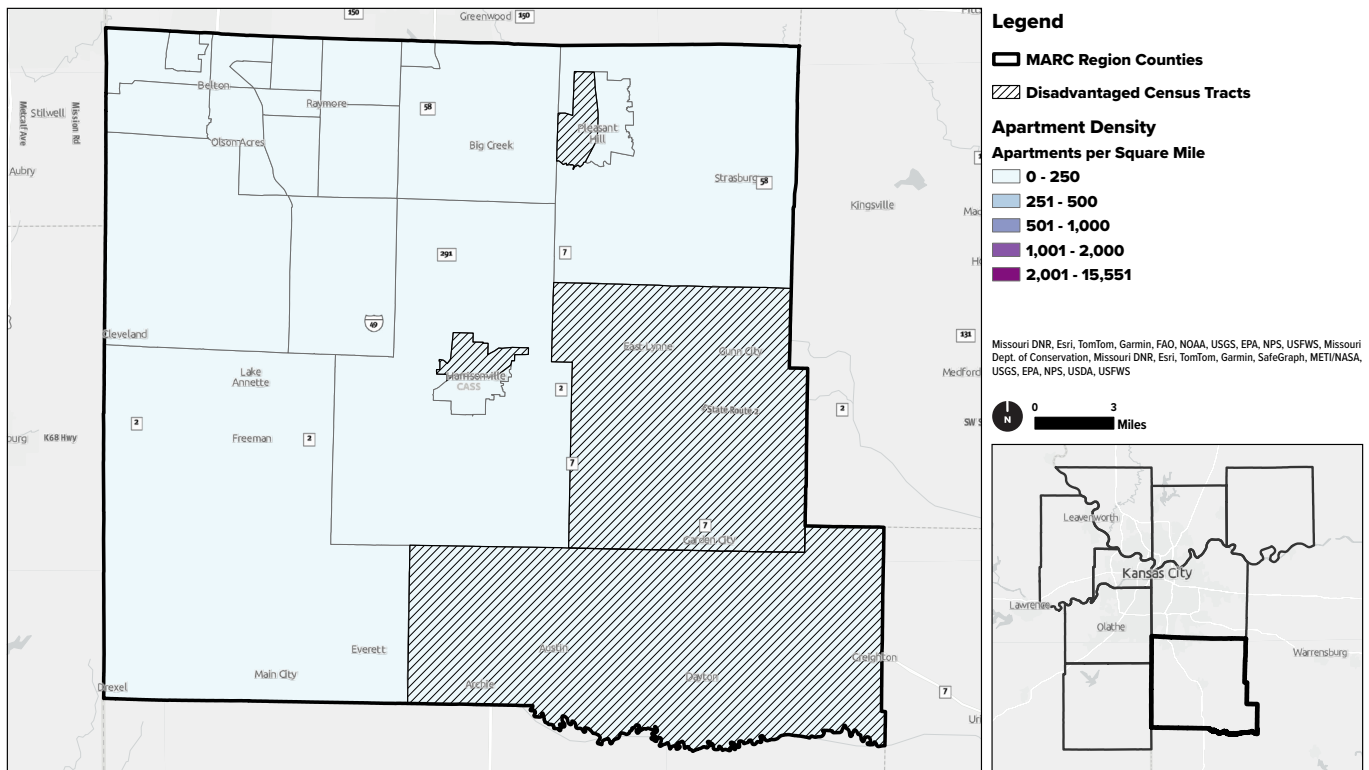
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 3 Miles



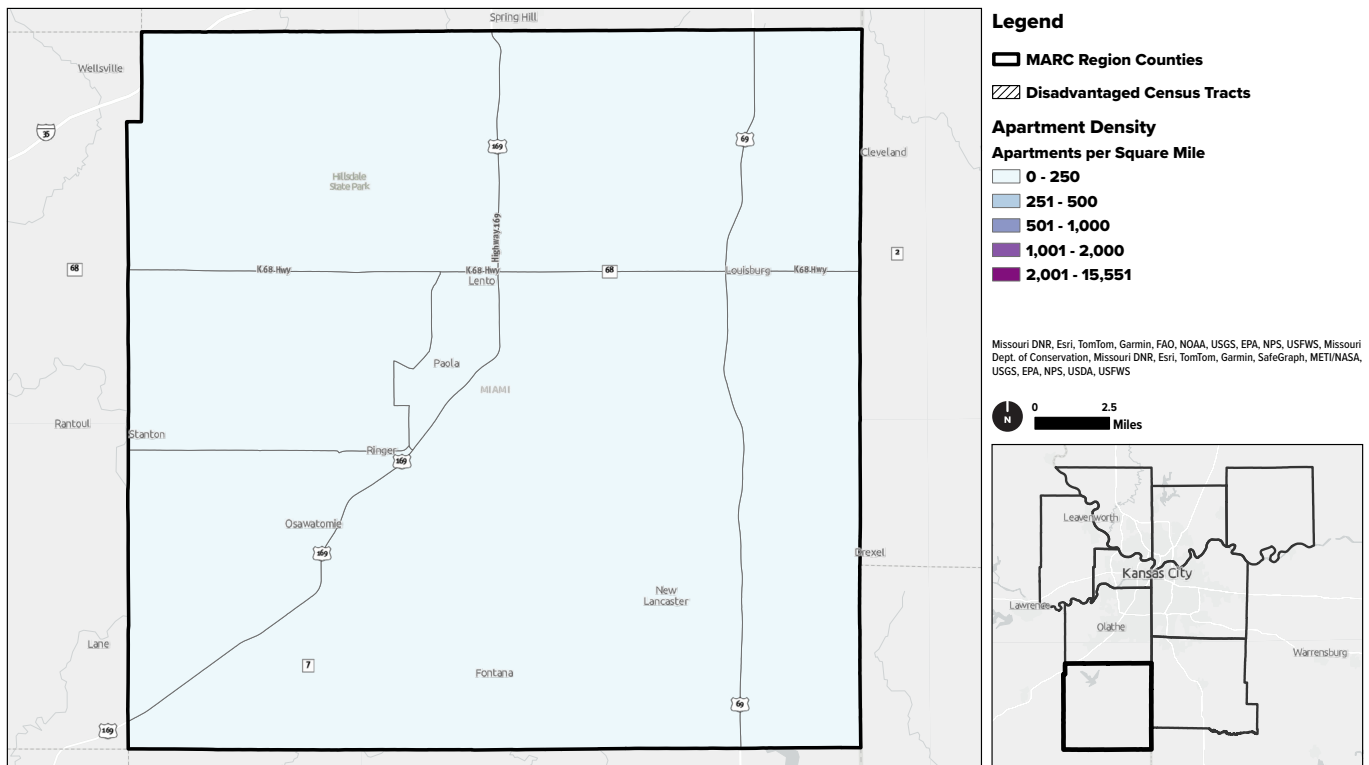
Multifamily Housing

Jackson County, MO



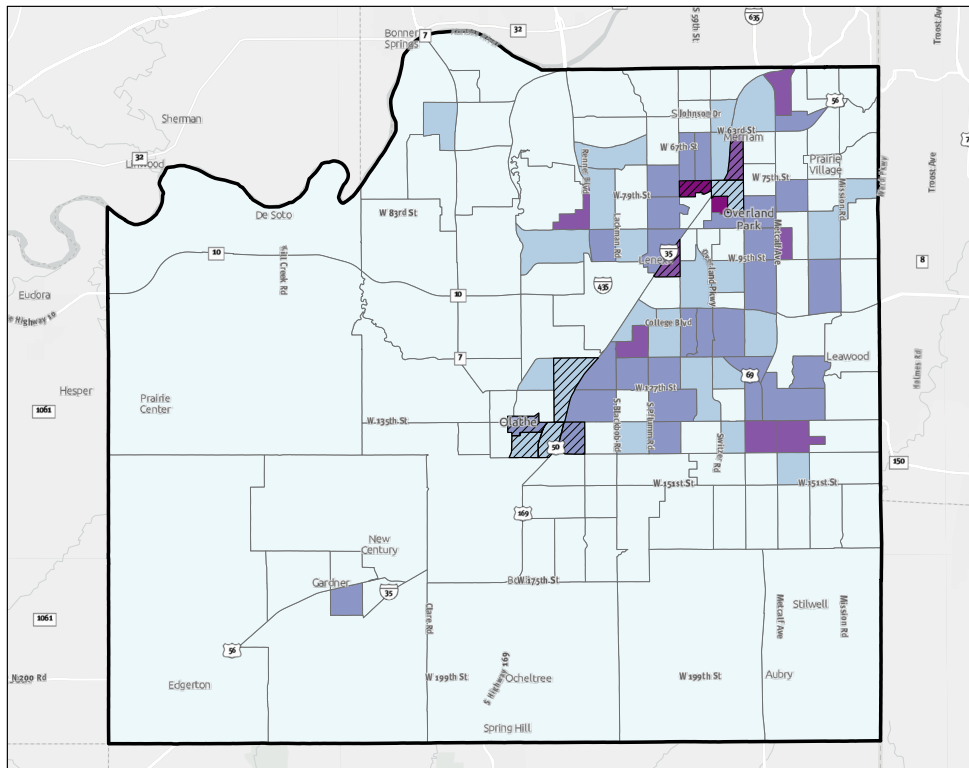
Multifamily Housing

Cass County, MO



Multifamily Housing

Miami County, KS



Legend

- MARC Region Counties
- Disadvantaged Census Tracts

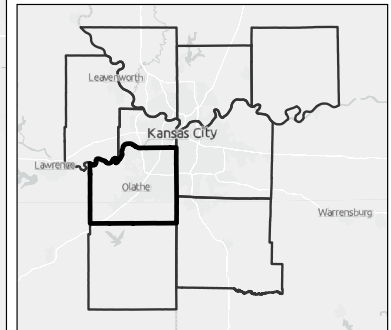
Apartment Density

Apartments per Square Mile

- 0 - 250
- 251 - 500
- 501 - 1,000
- 1,001 - 2,000
- 2,001 - 15,551

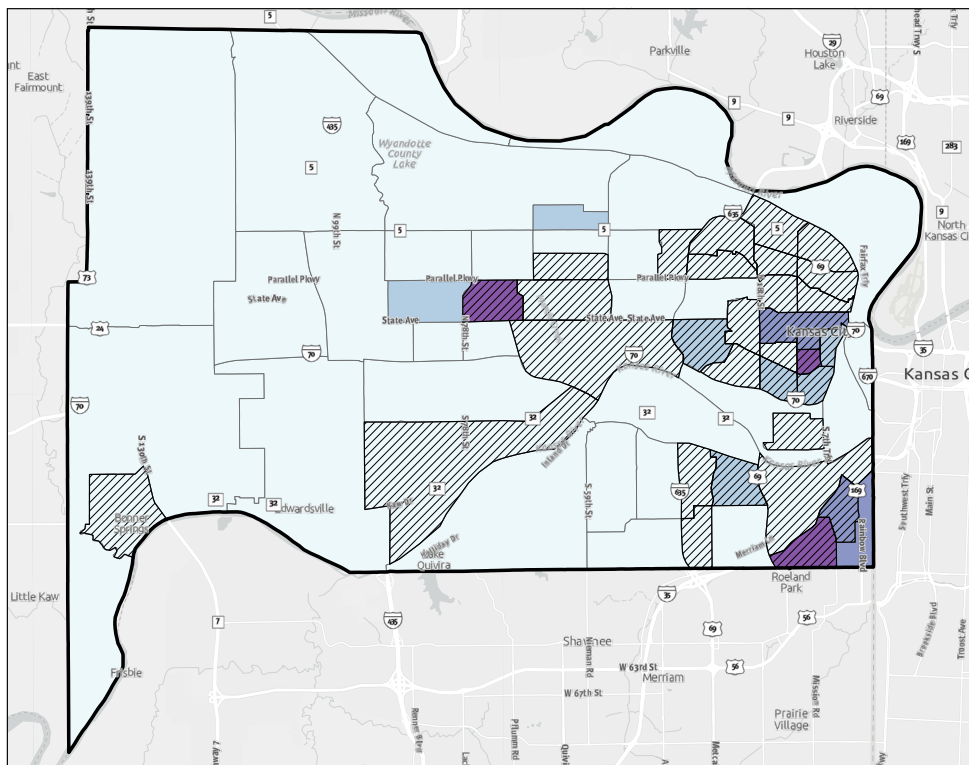
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 2 Miles



Multifamily Housing

Johnson County, KS



Legend

- MARC Region Counties
- Disadvantaged Census Tracts

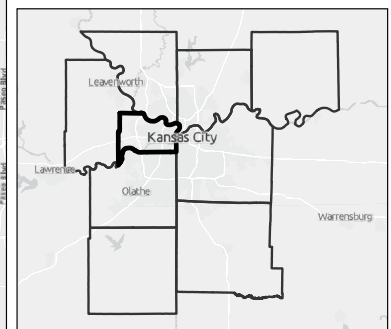
Apartment Density

Apartments per Square Mile

- 0 - 250
- 251 - 500
- 501 - 1,000
- 1,001 - 2,000
- 2,001 - 15,551

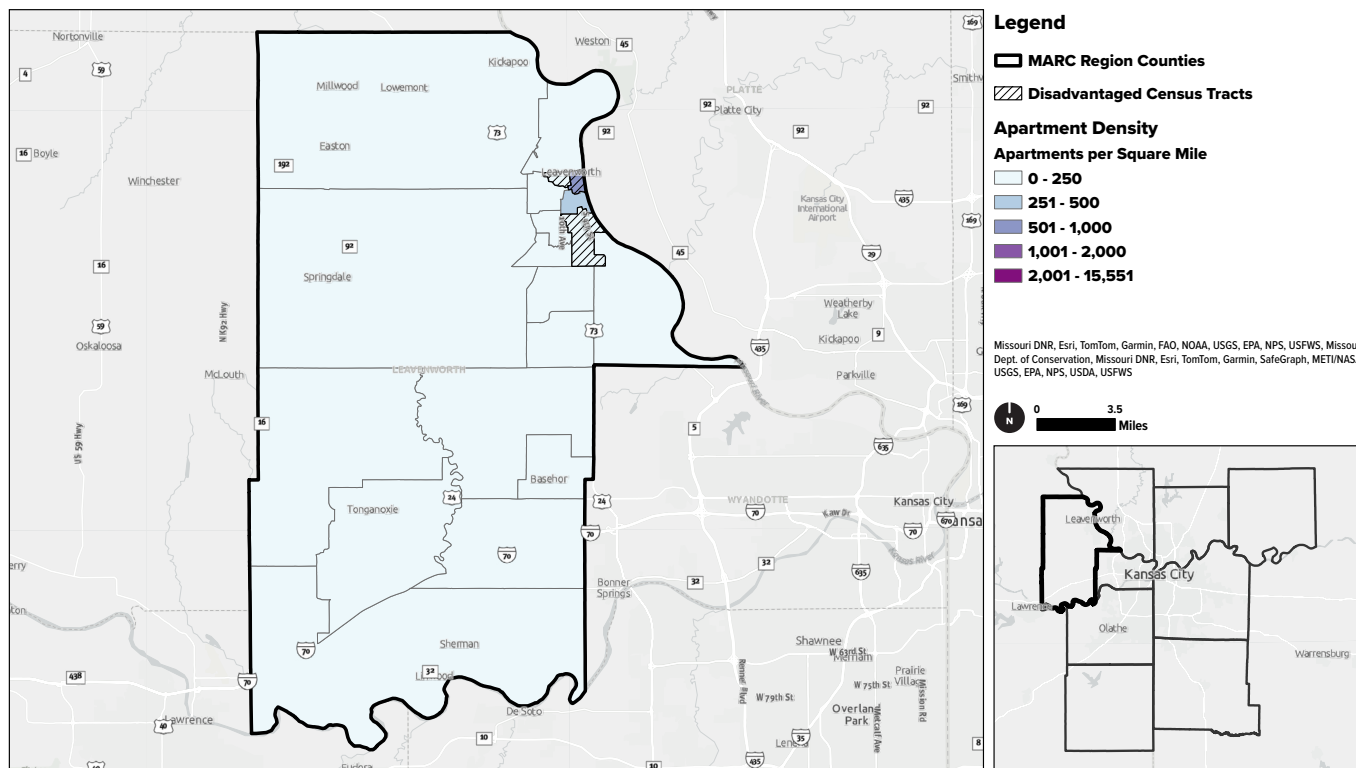
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Unified Gov of Wyandotte Co, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, Geotechnologies, Inc, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 1.5 Miles



Multifamily Housing

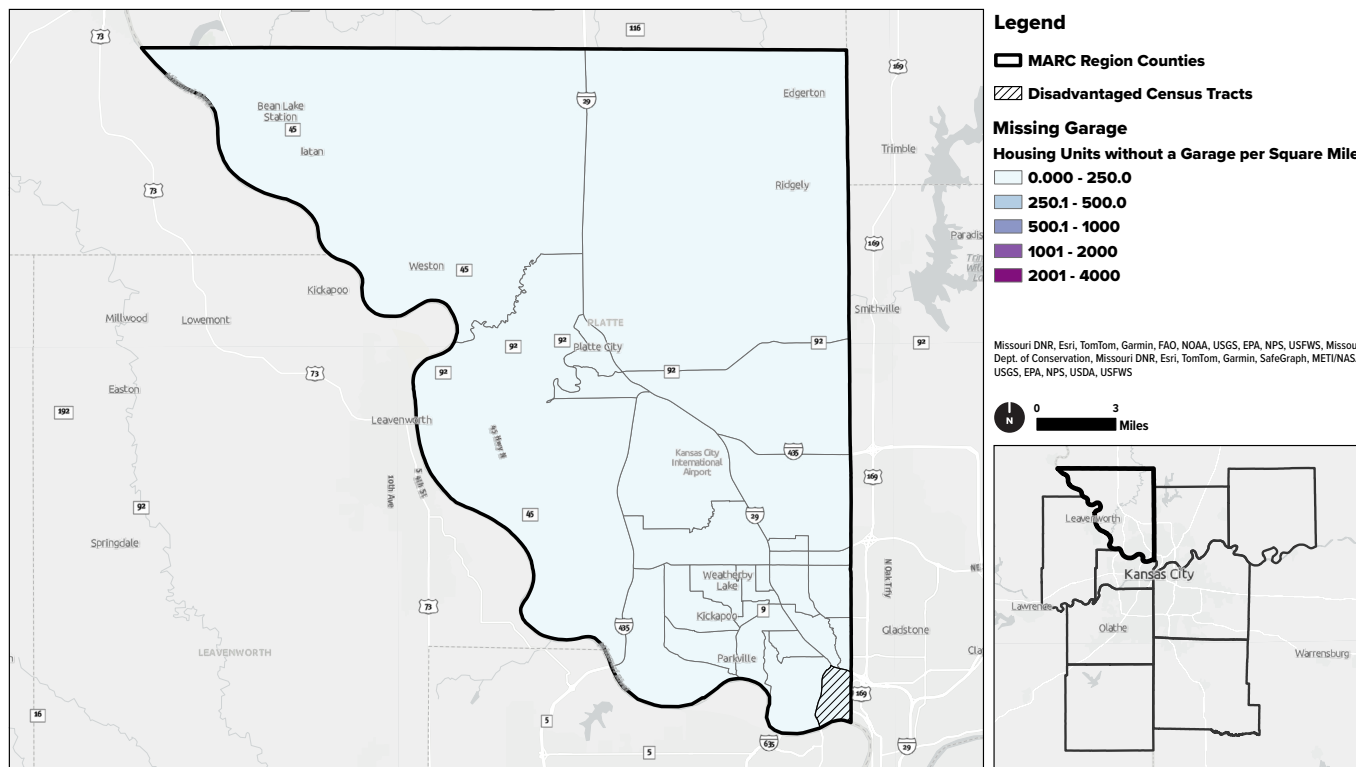
Wyandotte County, KS



Multifamily Housing

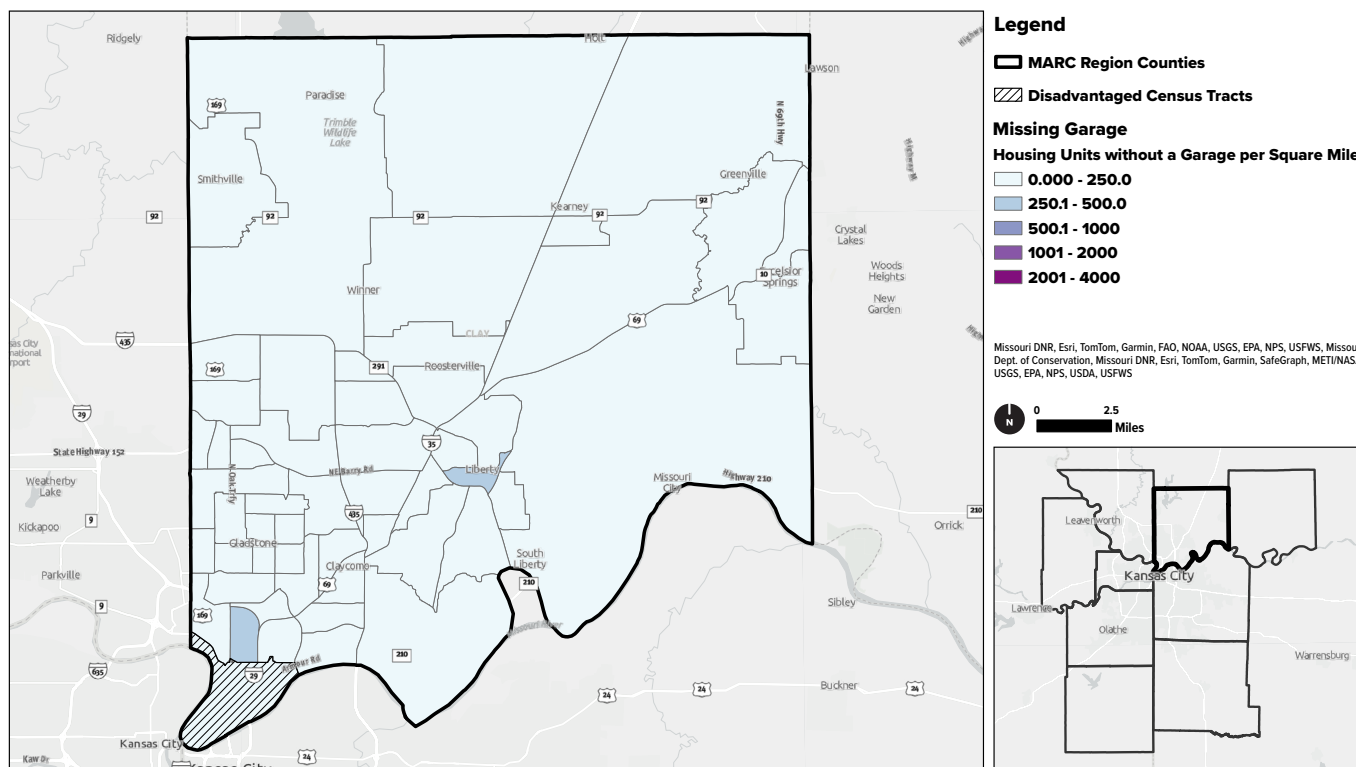
Leavenworth County, KS

8.1.10 Housing without a Garage



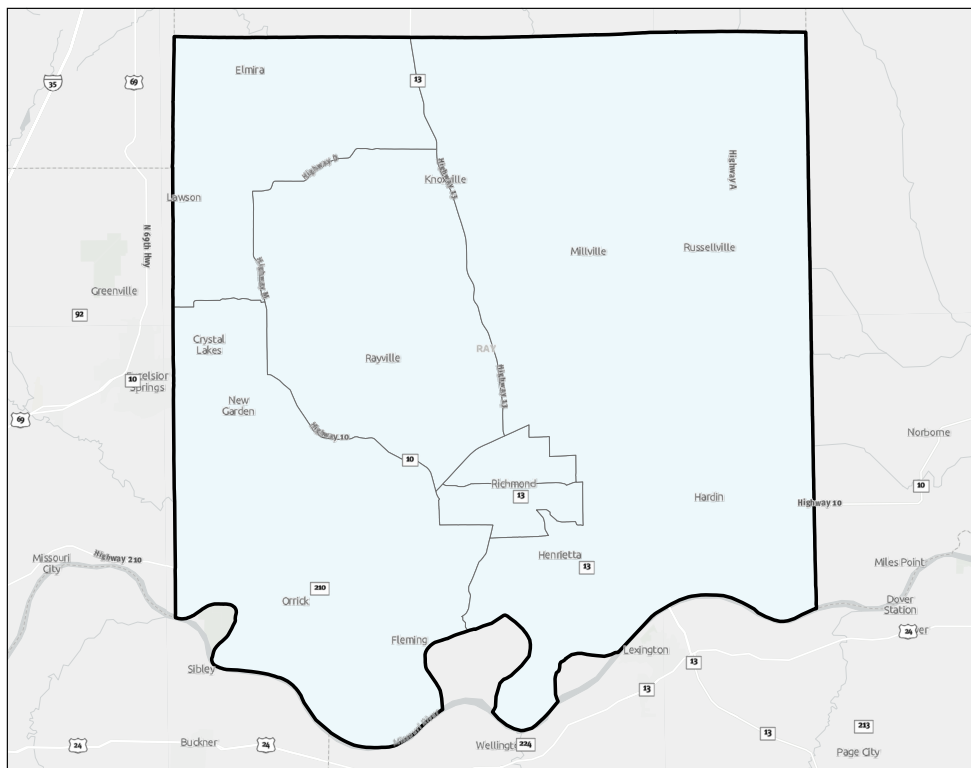
Housing without a Garage

Platte County, MO



Housing without a Garage

Clay County, MO



Legend

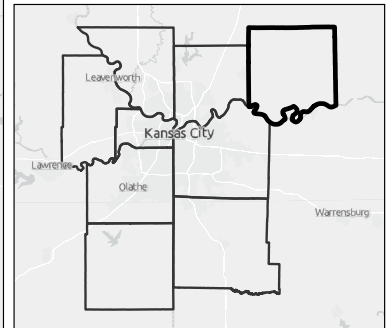
- MARC Region Counties
- Disadvantaged Census Tracts

Missing Garage

Housing Units without a Garage per Square Mile

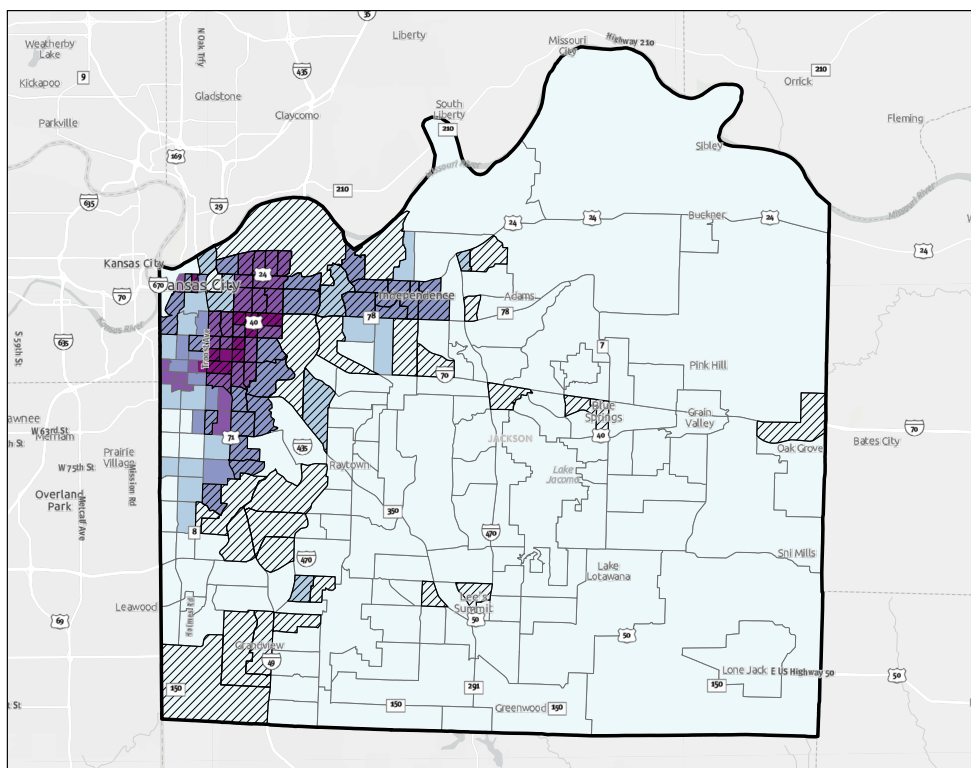
- 0.000 - 250.0
- 250.1 - 500.0
- 500.1 - 1000
- 1001 - 2000
- 2001 - 4000

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS



Housing without a Garage

Ray County, MO



Legend

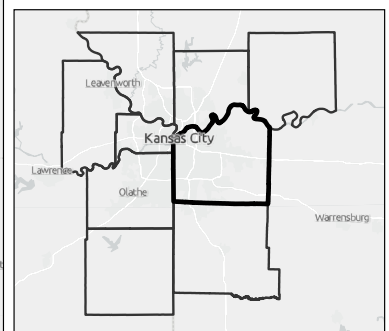
- MARC Region Counties
- Disadvantaged Census Tracts

Missing Garage

Housing Units without a Garage per Square Mile

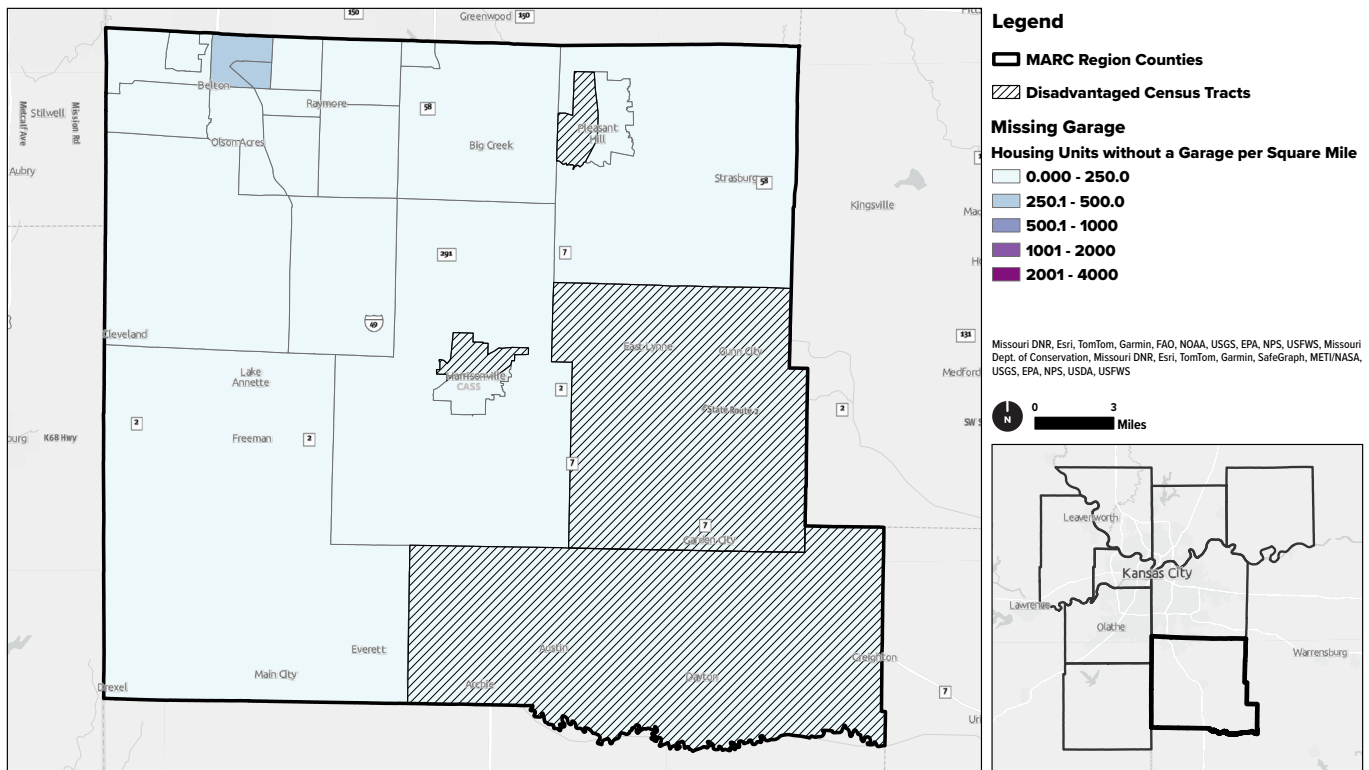
- 0.000 - 250.0
- 250.1 - 500.0
- 500.1 - 1000
- 1001 - 2000
- 2001 - 4000

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS



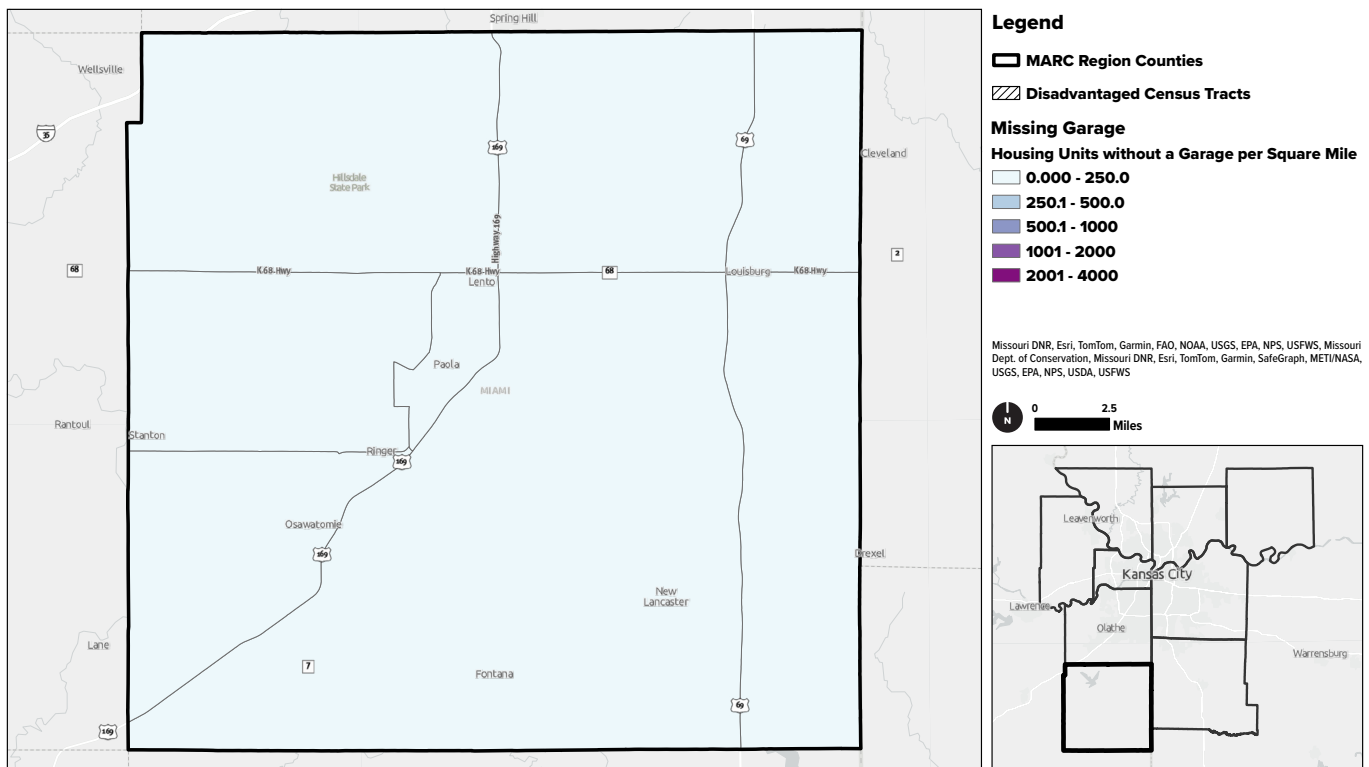
Housing without a Garage

Jackson County, MO



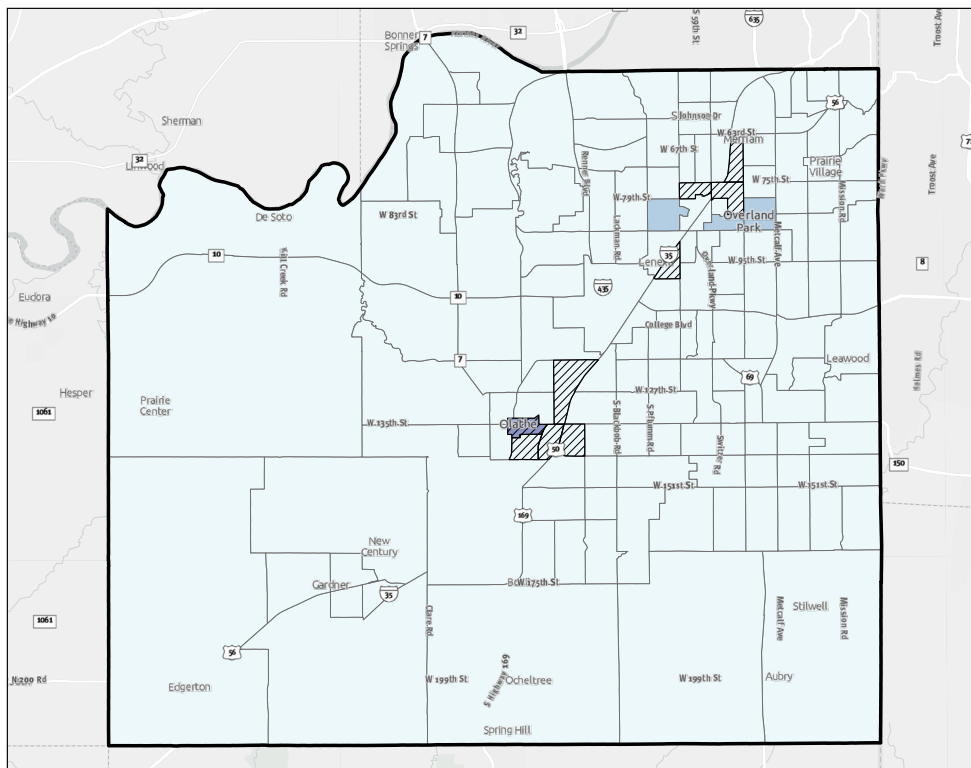
Housing without a Garage

Cass County, MO



Housing without a Garage

Miami County, KS



Legend

- MARC Region Counties
- Disadvantaged Census Tracts

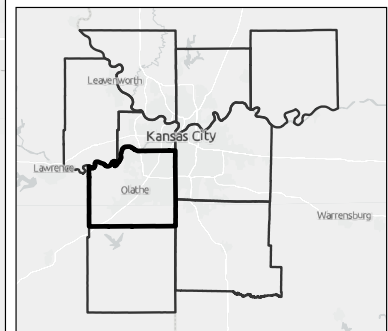
Missing Garage

Housing Units without a Garage per Square Mile

- 0.000 - 250.0
- 250.1 - 500.0
- 500.1 - 1000
- 1001 - 2000
- 2001 - 4000

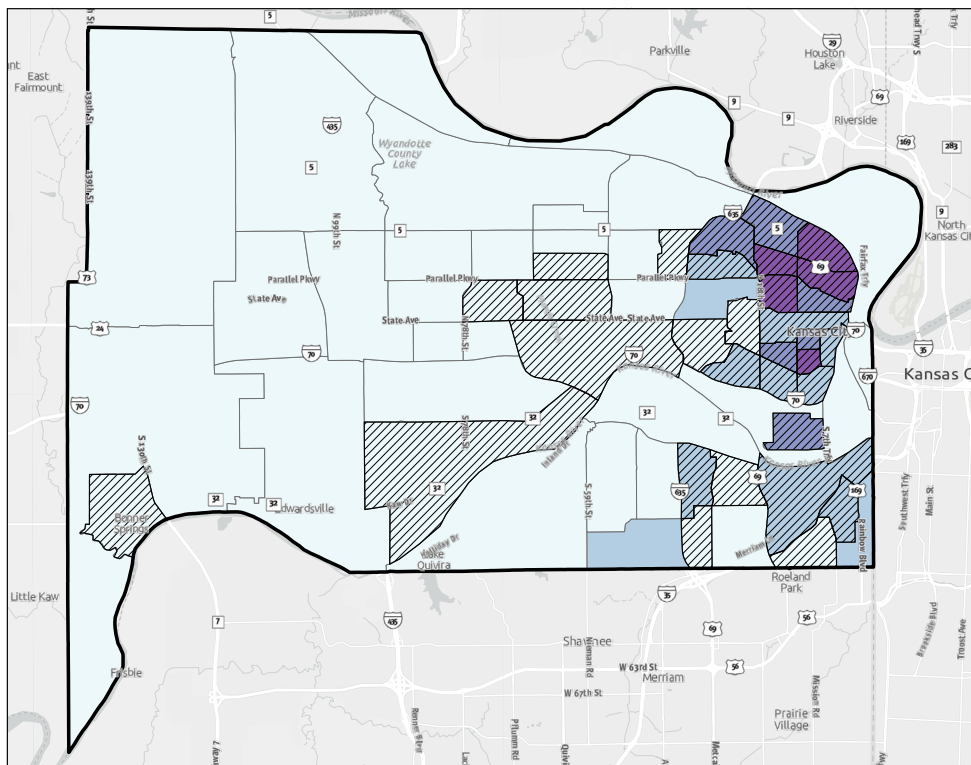
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 2 Miles



Housing without a Garage

Johnson County, KS



Legend

- MARC Region Counties
- Disadvantaged Census Tracts

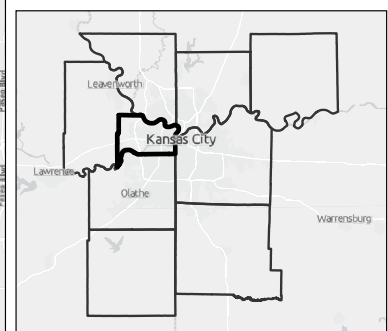
Missing Garage

Housing Units without a Garage per Square Mile

- 0.000 - 250.0
- 250.1 - 500.0
- 500.1 - 1000
- 1001 - 2000
- 2001 - 4000

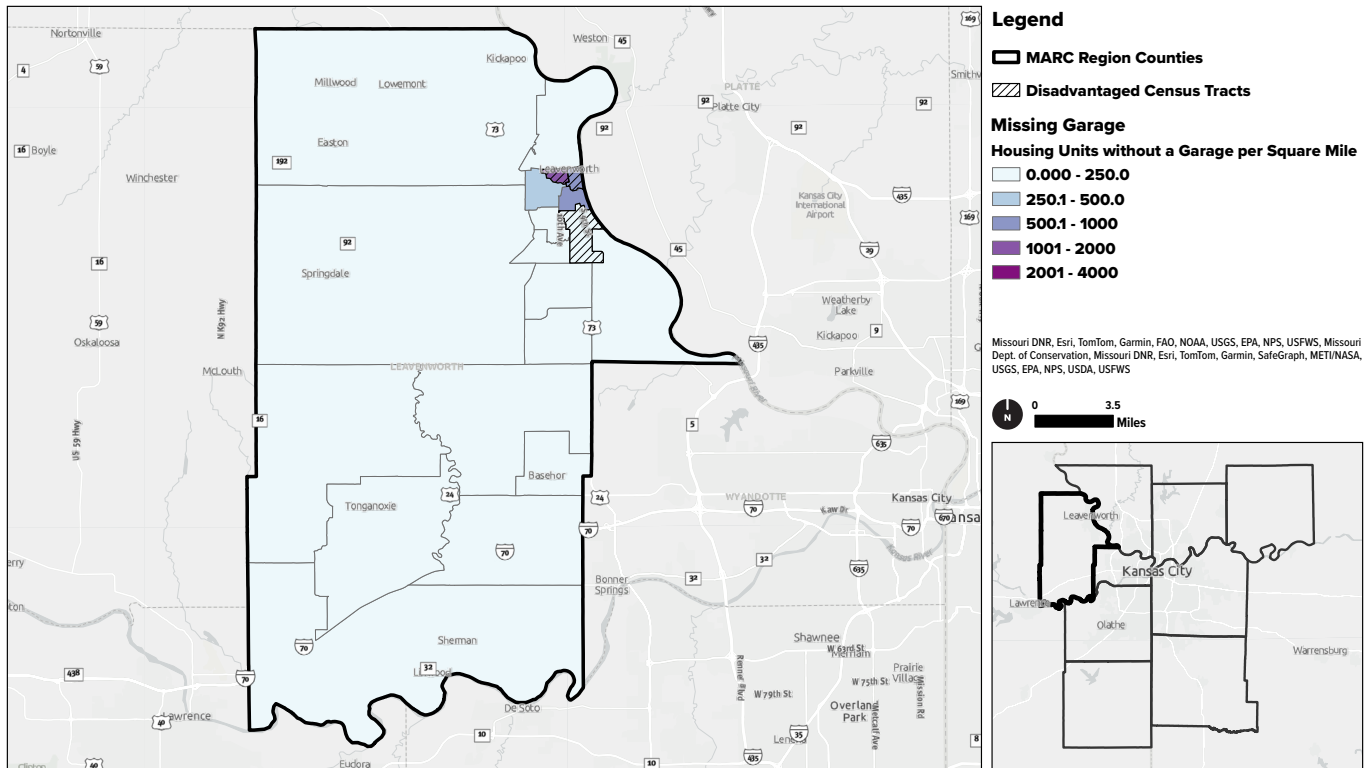
Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Unified Gov of Wyandotte County, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, Geotechnologies, Inc, MET/NASA, USGS, EPA, NPS, USDA, USFWS

0 1.5 Miles



Housing without a Garage

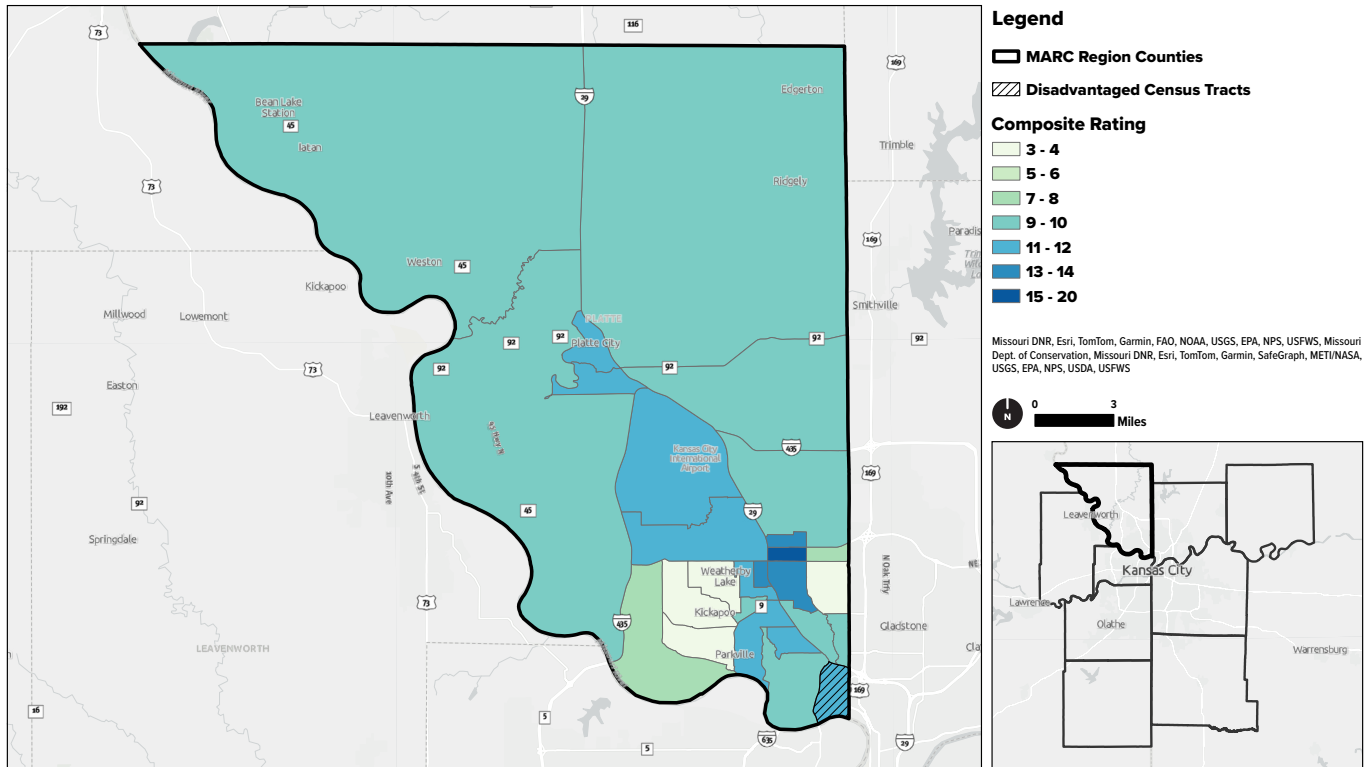
Wyandotte County, KS



Housing without a Garage

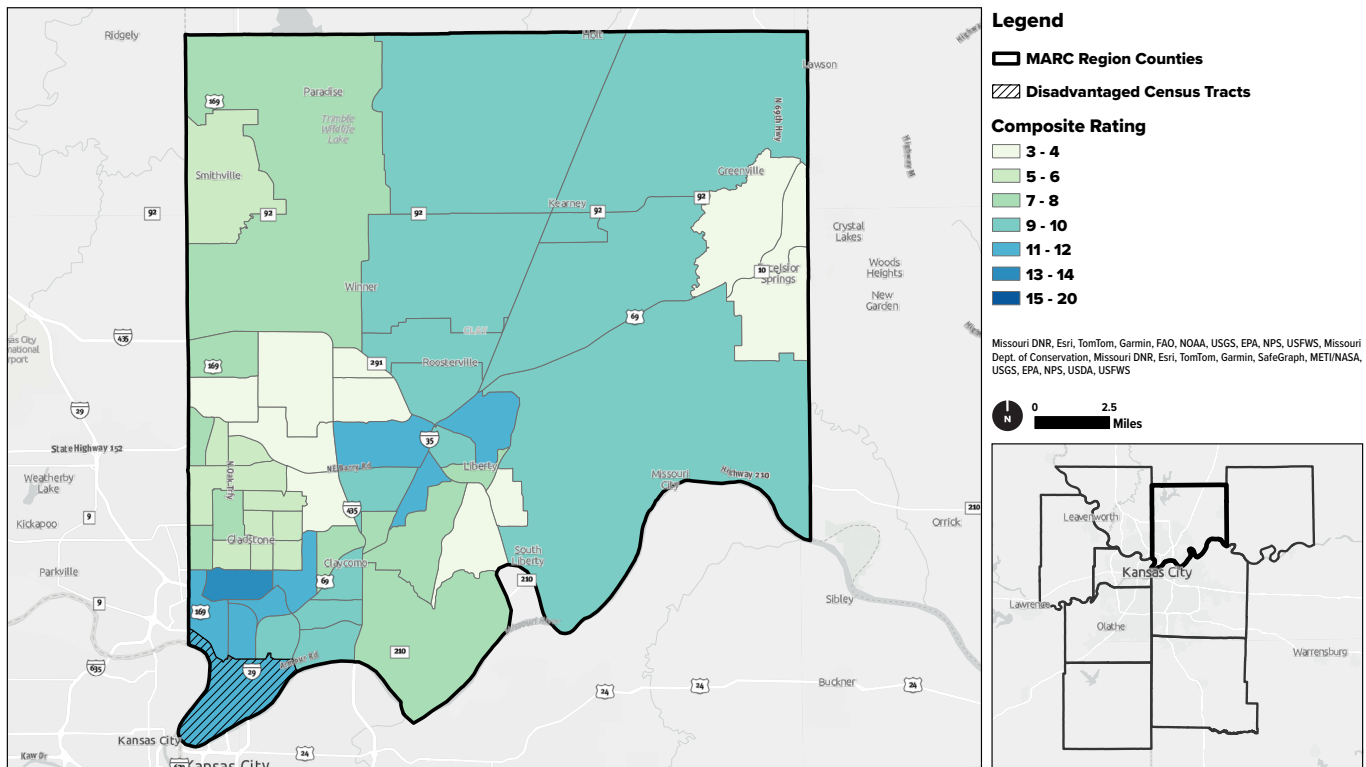
Leavenworth County, KS

8.1.11 Needs Assessment Rating



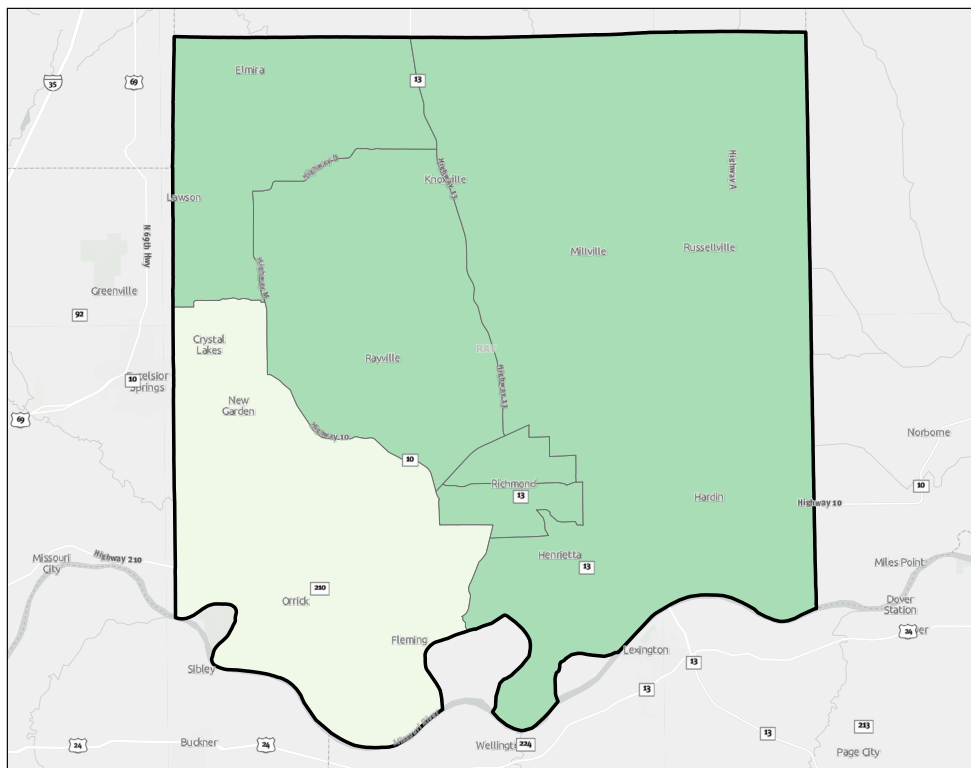
Needs Assessment Rating

Platte County, MO



Needs Assessment Rating

Clay County, MO



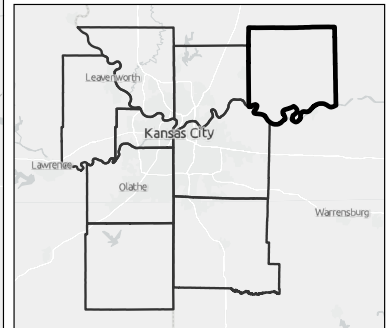
Legend

- MARC Region Counties
- Disadvantaged Census Tracts

Composite Rating

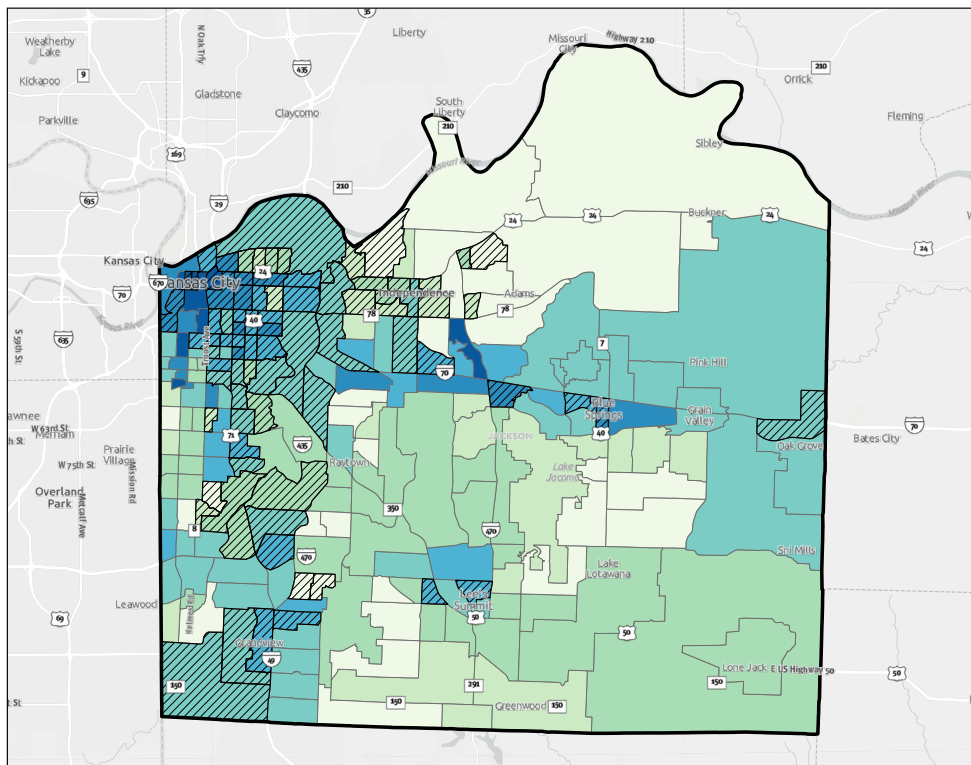
- 3 - 4
- 5 - 6
- 7 - 8
- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 20

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS



Needs Assessment Rating

Ray County, MO



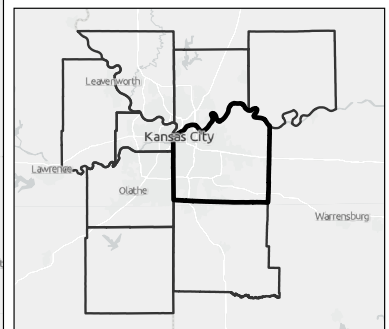
Legend

- MARC Region Counties
- Disadvantaged Census Tracts

Composite Rating

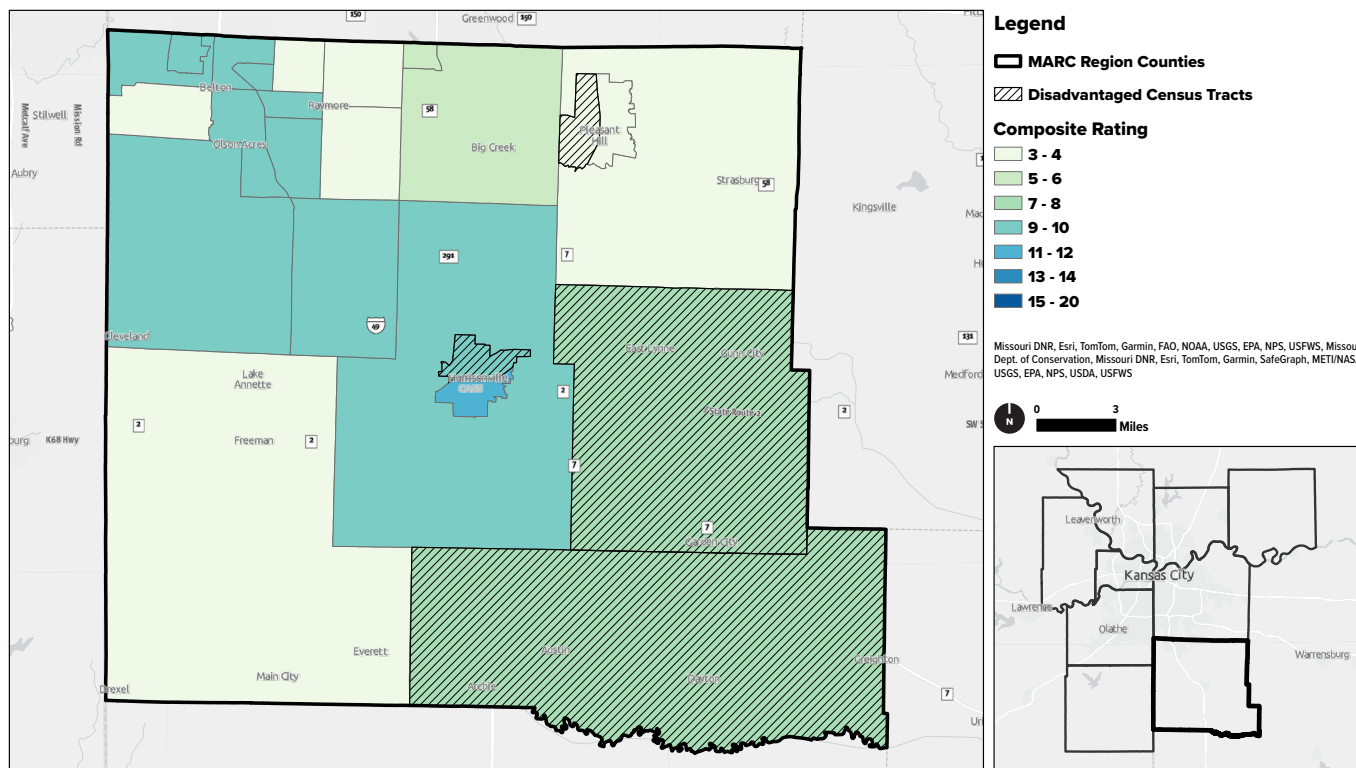
- 3 - 4
- 5 - 6
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- 9 - 10
- 11 - 12
- 13 - 14
- 15 - 20

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, USFWS



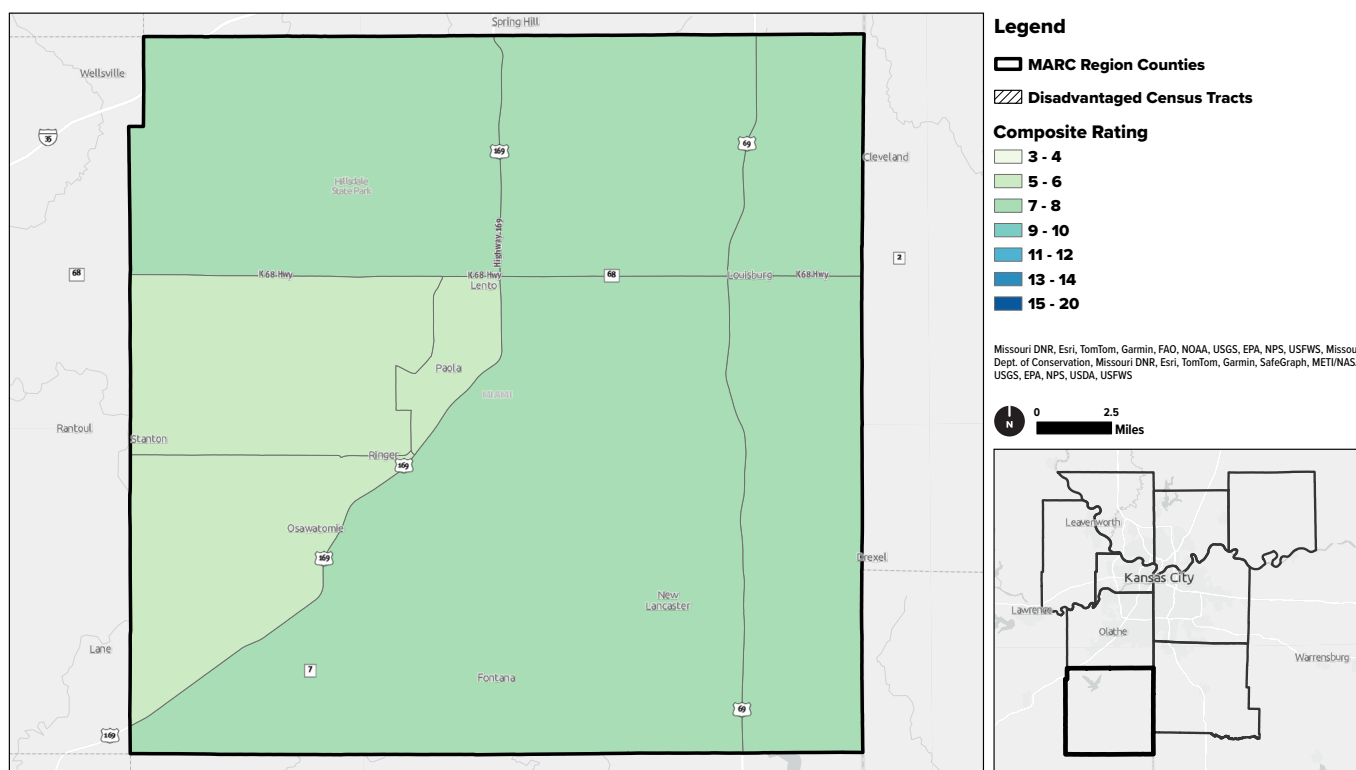
Needs Assessment Rating

Jackson County, MO



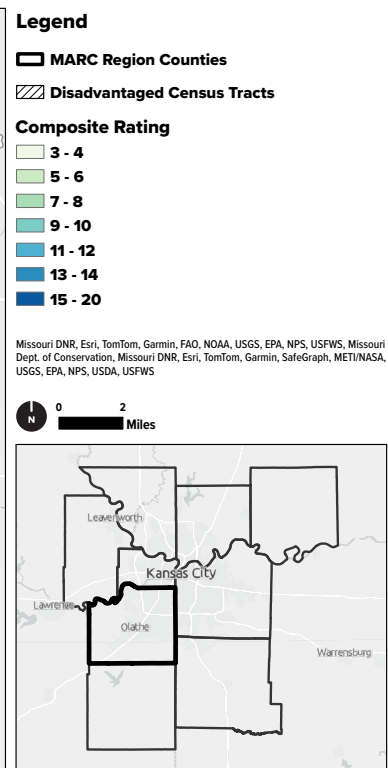
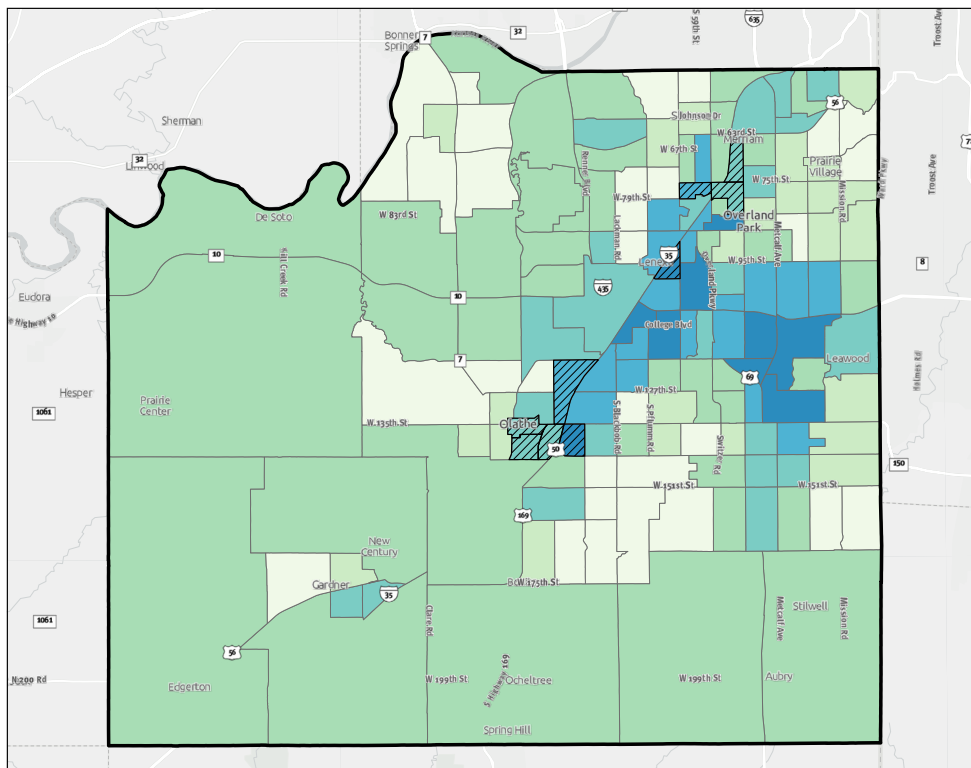
Needs Assessment Rating

Cass County, MO



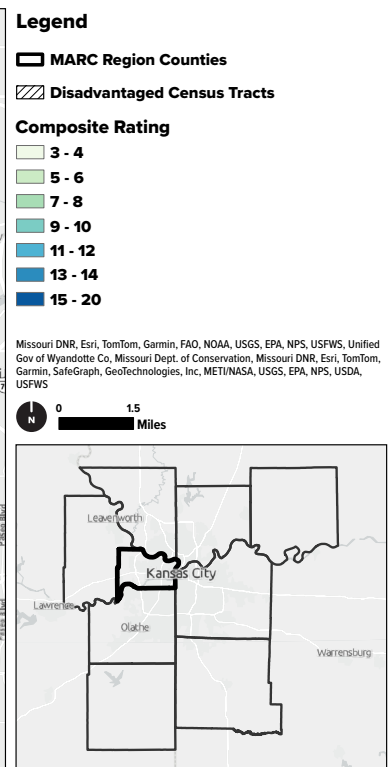
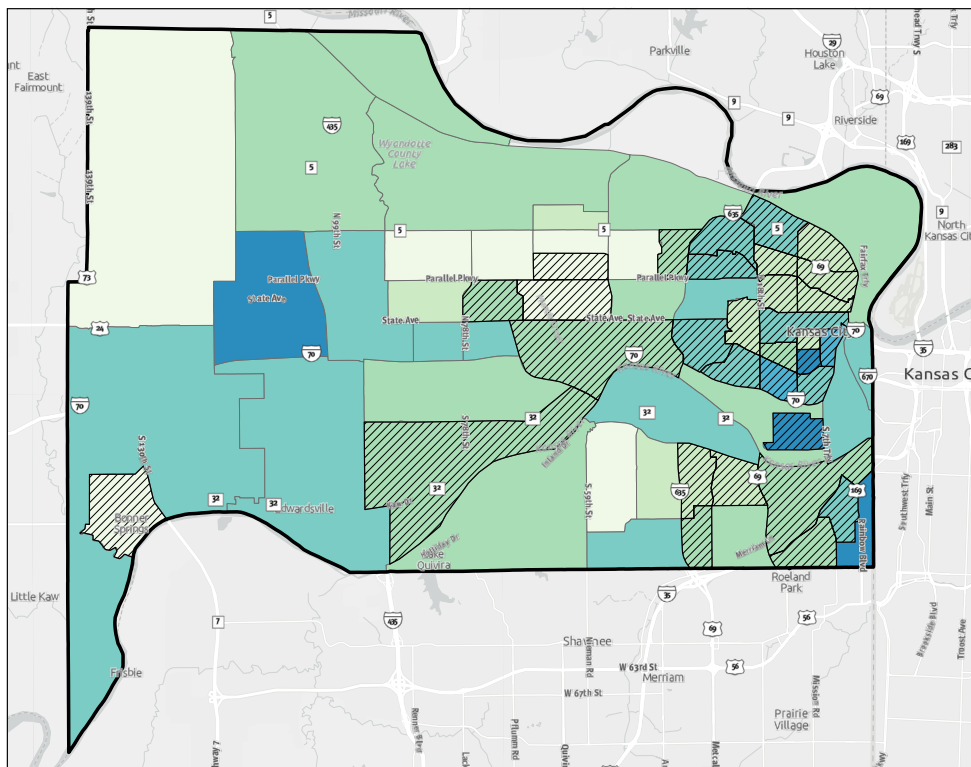
Needs Assessment Rating

Miami County, KS



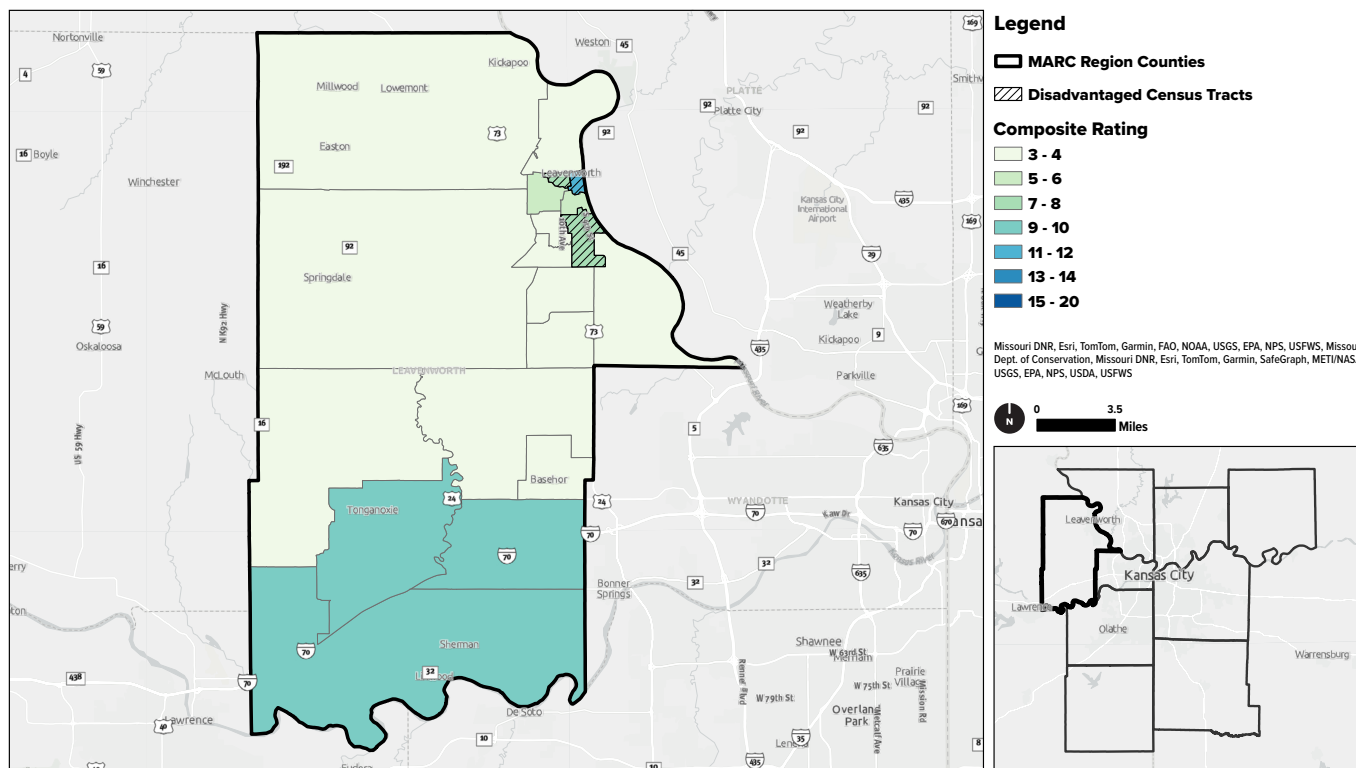
Needs Assessment Rating

Johnson County, KS



Needs Assessment Rating

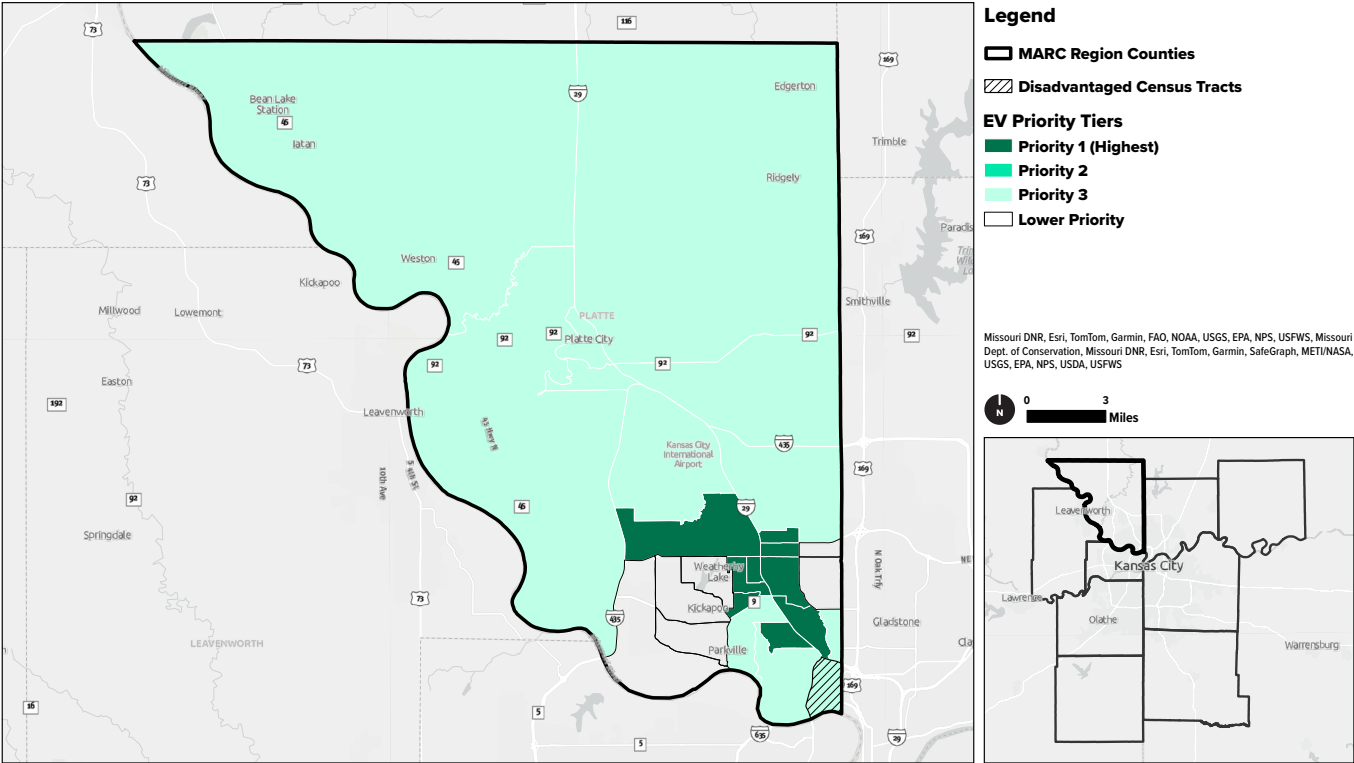
Wyandotte County, KS



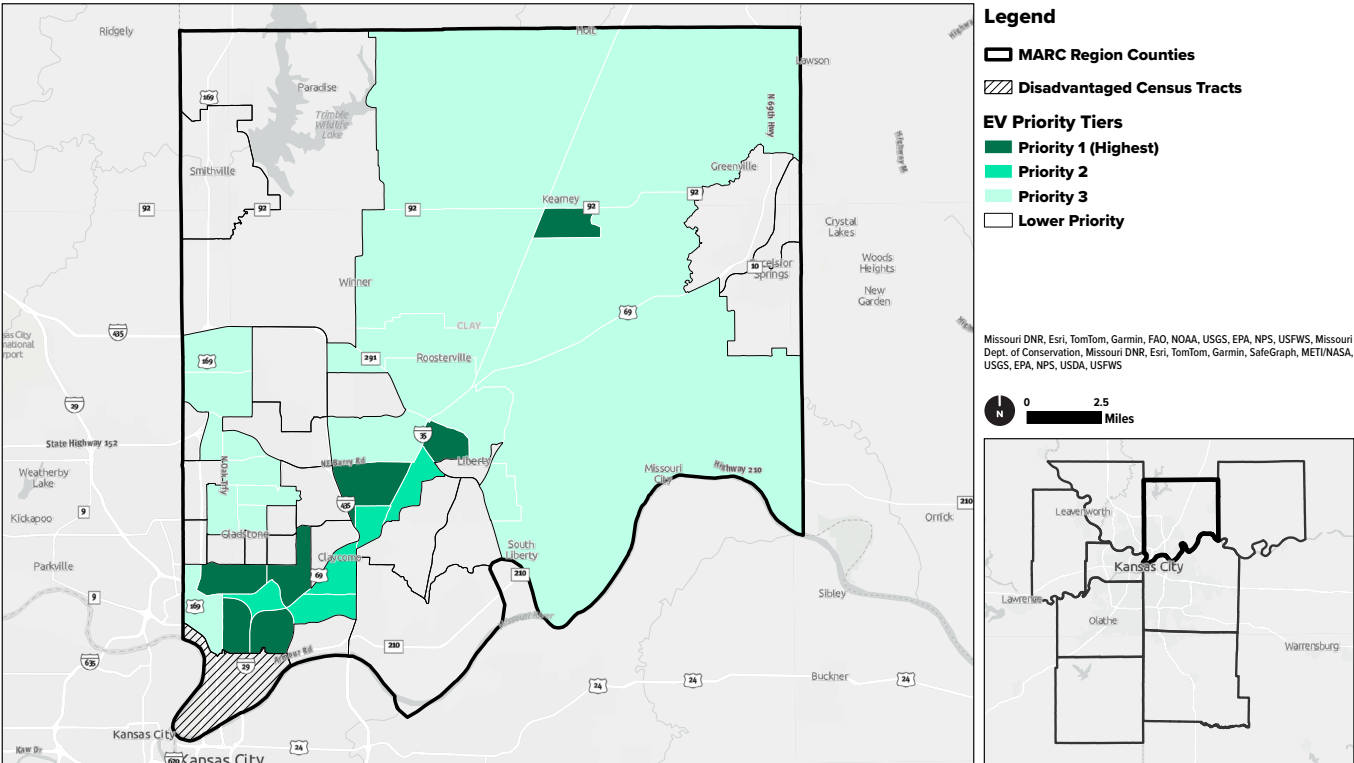
Needs Assessment Rating

Leavenworth County, KS

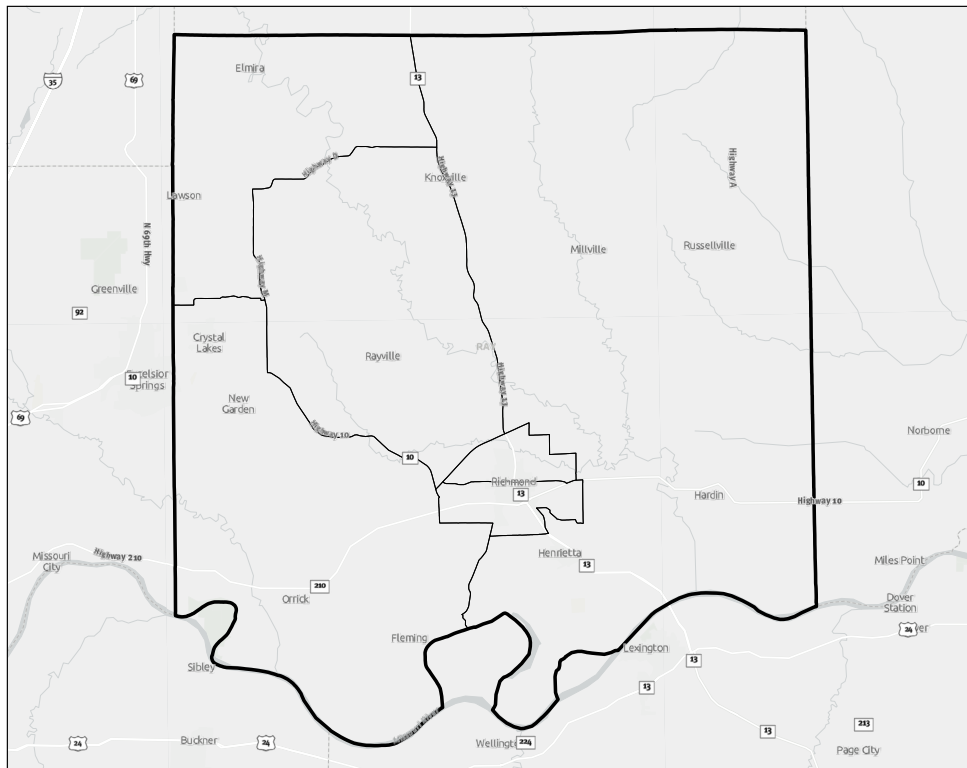
8.1.12 Priority Tiers



Priority Tiers
Platte County, MO



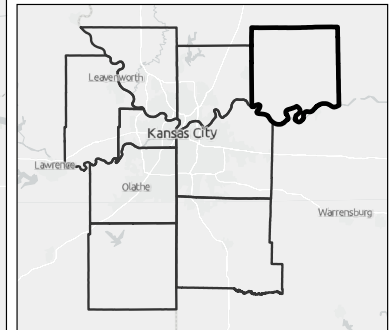
Priority Tiers
Clay County, MO



Legend

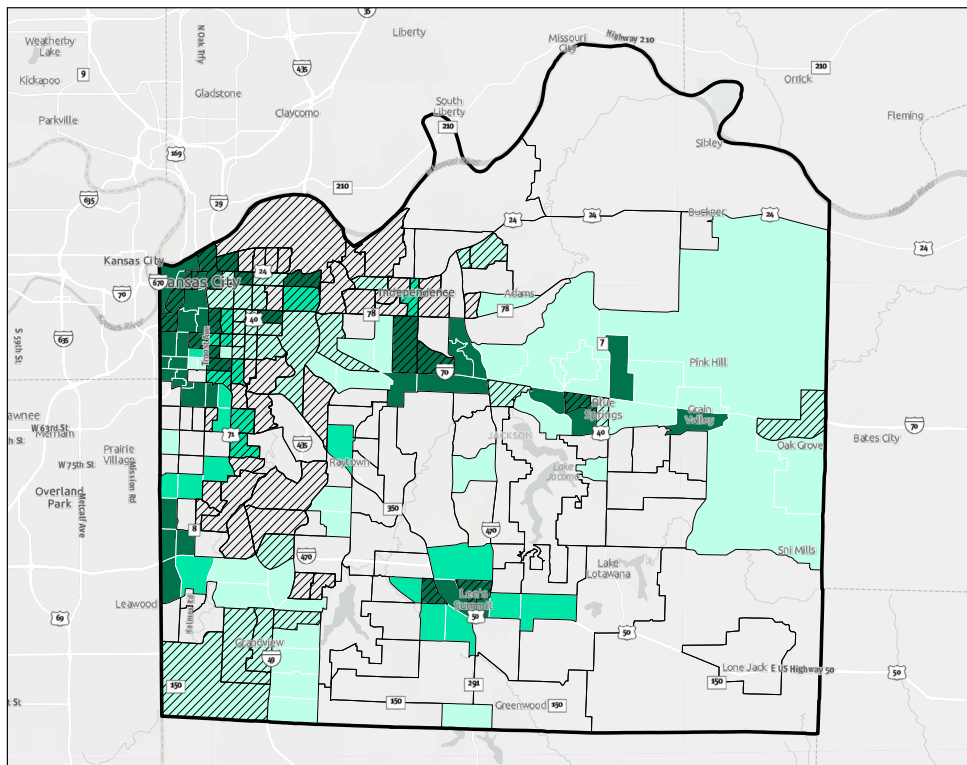
- MARC Region Counties
- Disadvantaged Census Tracts
- EV Priority Tiers**
 - Priority 1 (Highest)
 - Priority 2
 - Priority 3
 - Lower Priority

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



Priority Tiers

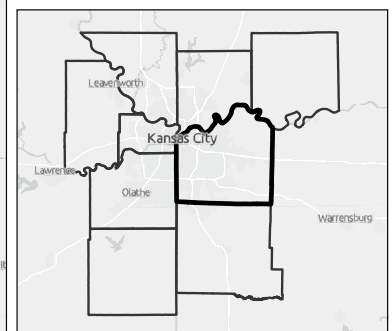
Ray County, MO



Legend

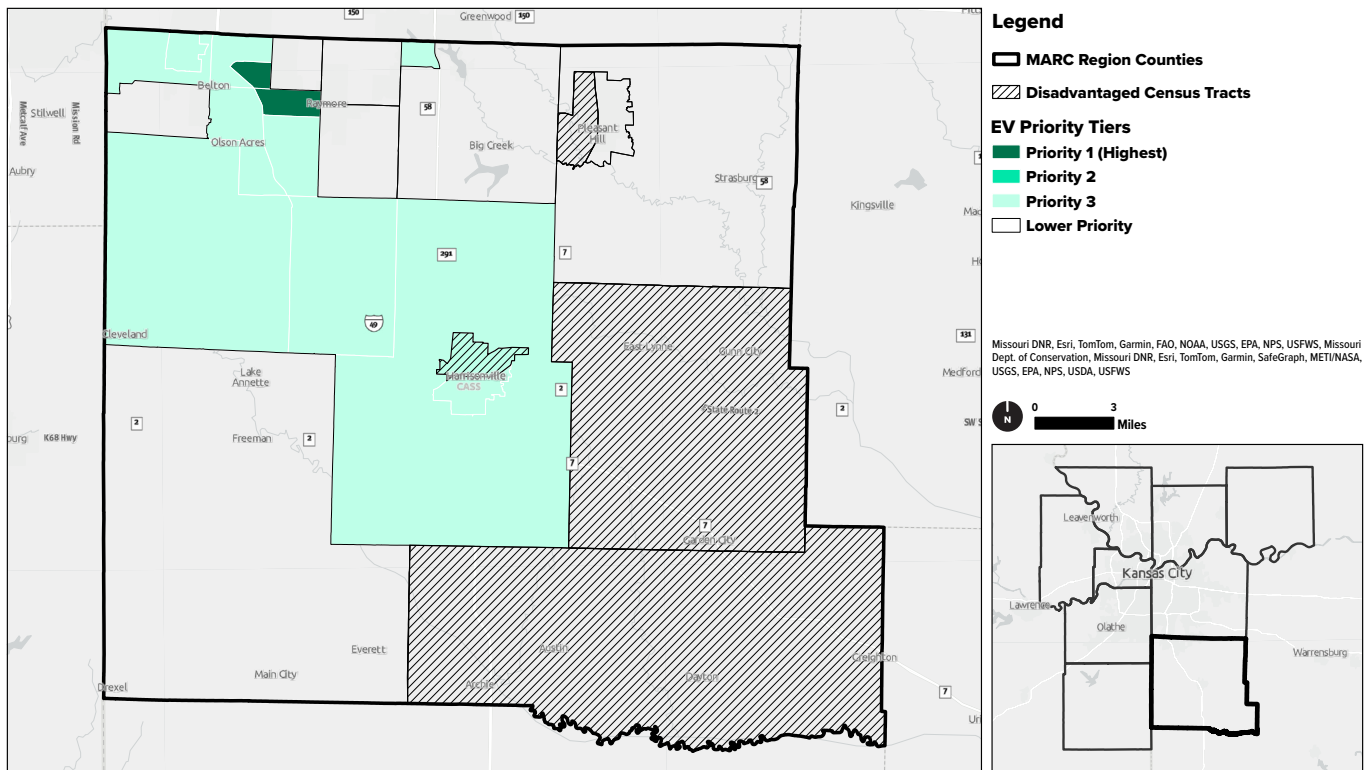
- MARC Region Counties
- Disadvantaged Census Tracts
- EV Priority Tiers**
 - Priority 1 (Highest)
 - Priority 2
 - Priority 3
 - Lower Priority

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



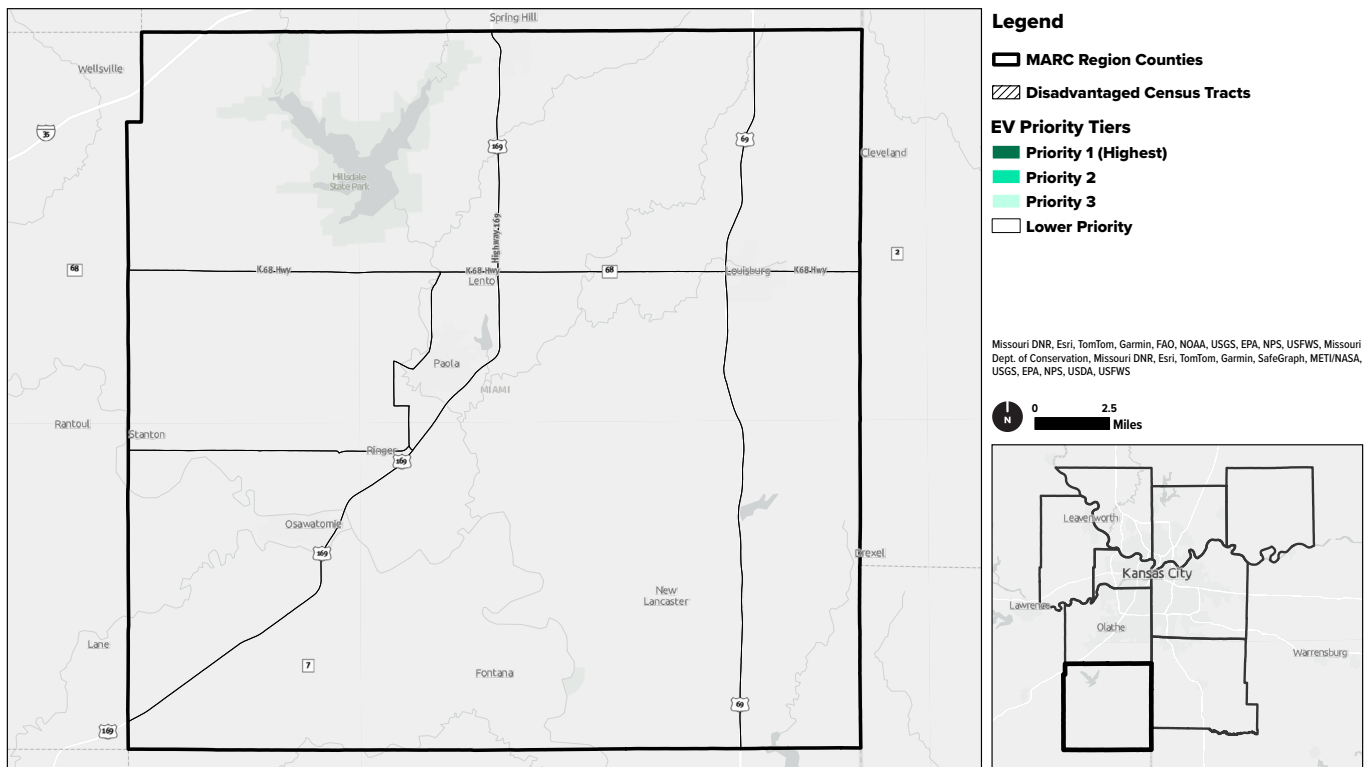
Priority Tiers

Jackson County, MO



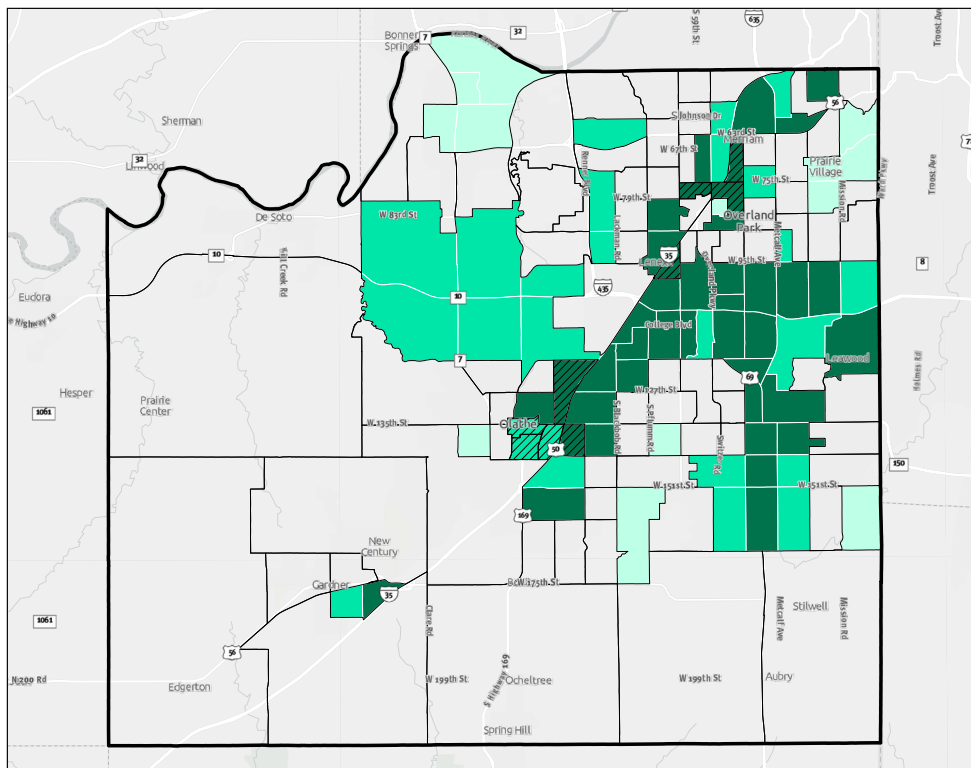
Priority Tiers

Cass County, MO



Priority Tiers

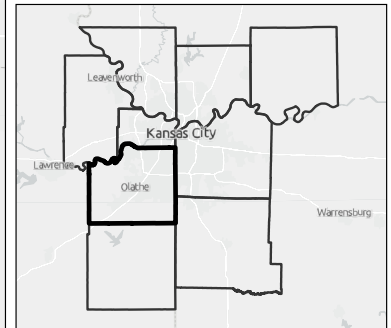
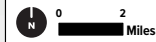
Miami County, KS



Legend

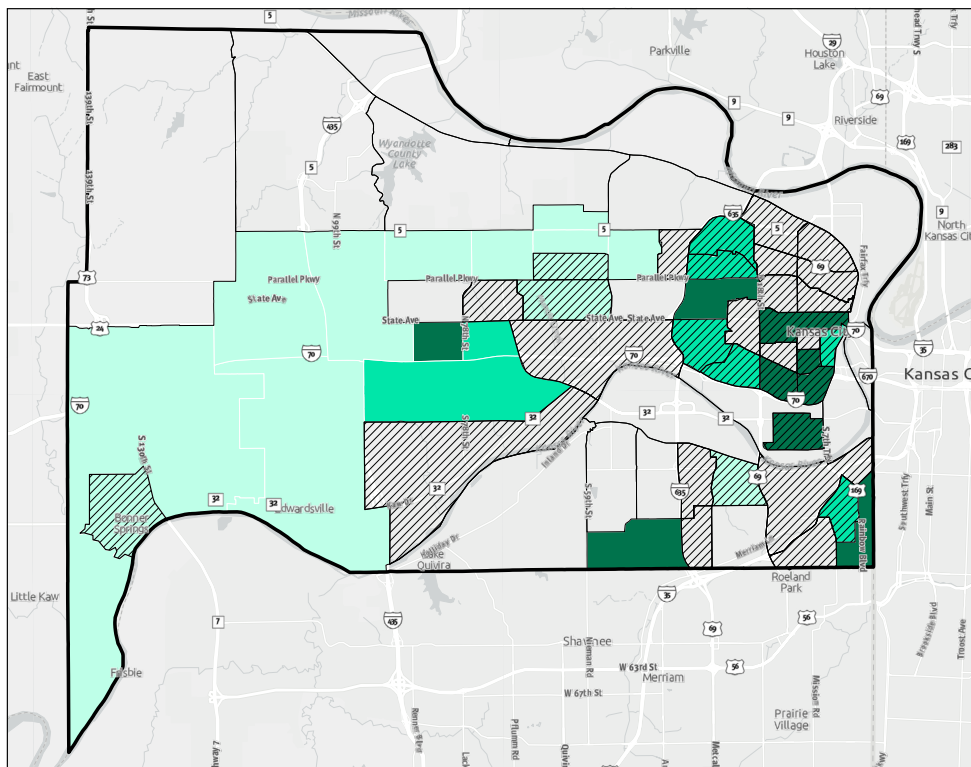
- MARC Region Counties
- Disadvantaged Census Tracts
- EV Priority Tiers**
- Priority 1 (Highest)
- Priority 2
- Priority 3
- Lower Priority

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, MET/NASA, USGS, EPA, NPS, USDA, USFWS



Priority Tiers

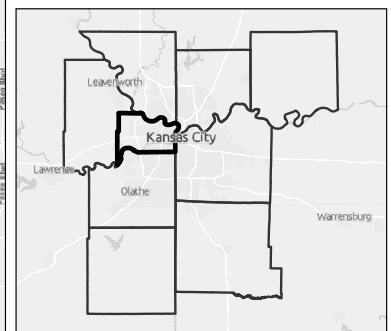
Johnson County, KS



Legend

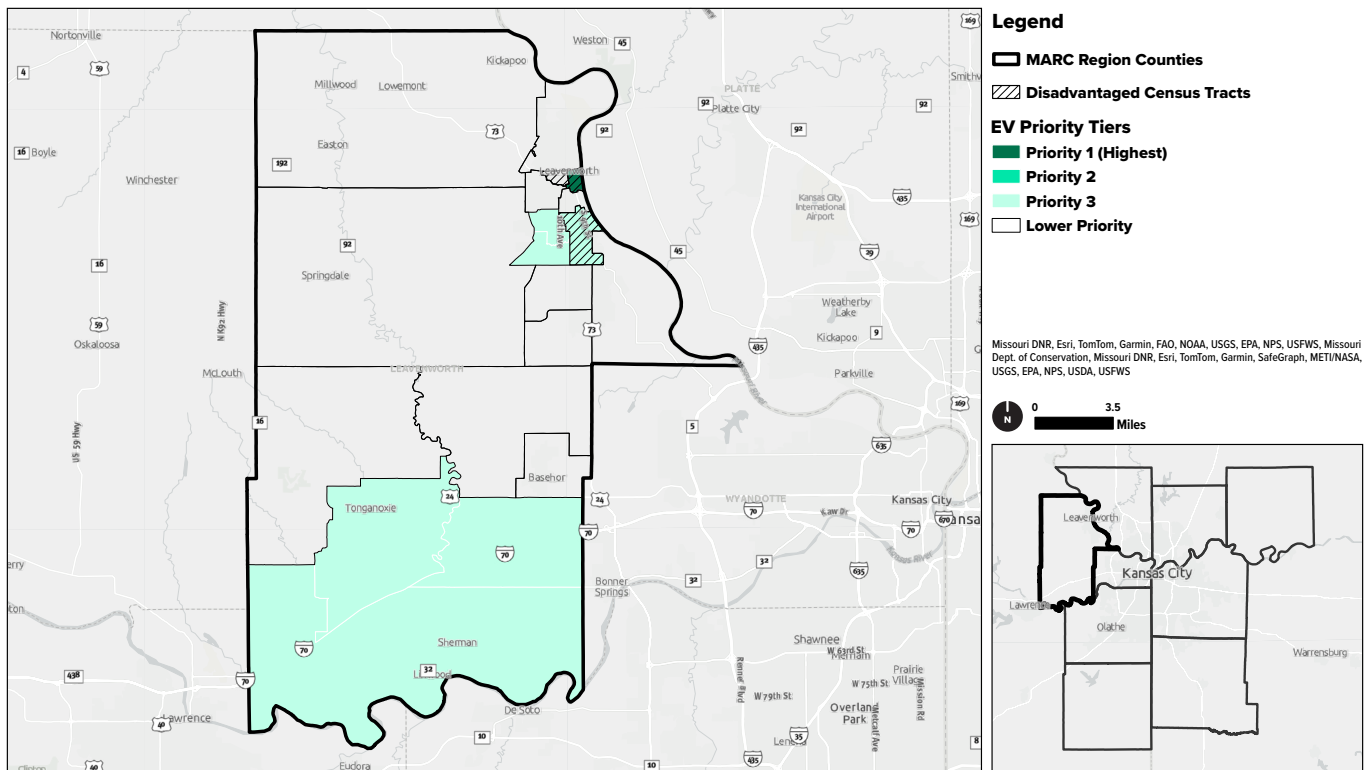
- MARC Region Counties
- Disadvantaged Census Tracts
- EV Priority Tiers**
- Priority 1 (Highest)
- Priority 2
- Priority 3
- Lower Priority

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Unified Gov of Wyandotte Co, Missouri Dept. of Conservation, Missouri DNR, Esri, TomTom, Garmin, SafeGraph, Geotechnologies, Inc, MET/NASA, USGS, EPA, NPS, USDA, USFWS



Priority Tiers

Wyandotte County, KS



Priority Tiers

Leavenworth County, KS

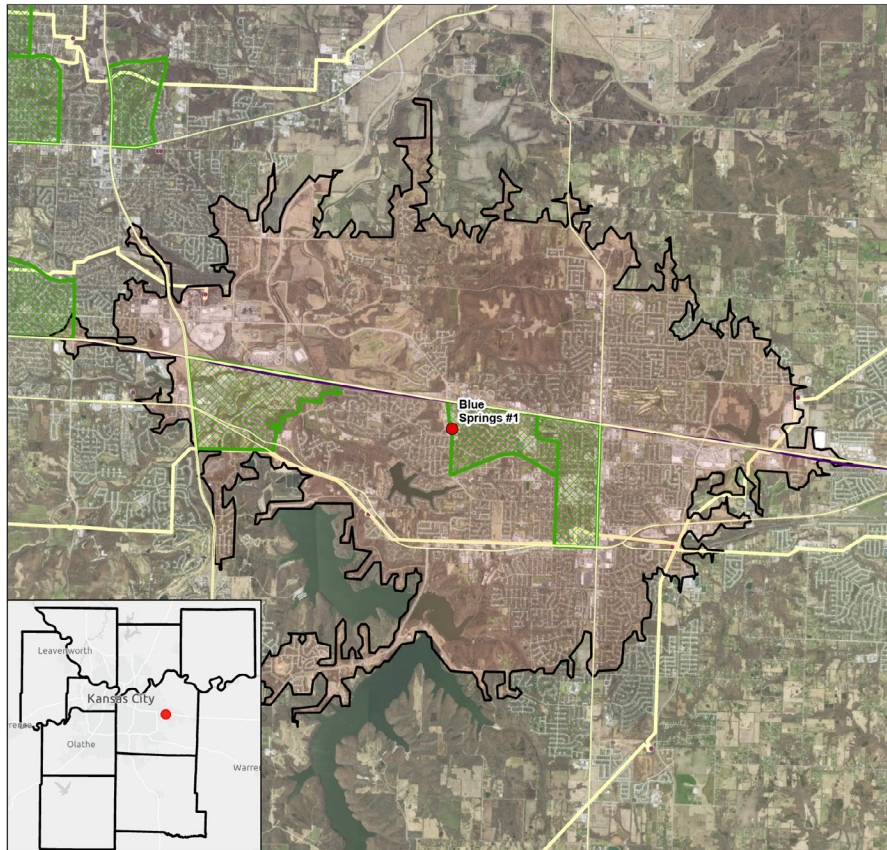


8.2 DCFC Priority Locations

ID	Name	City	County	2024 EVs	2030 EV Estimate	2035 EV Estimate	Households	Long-Term Visitors	Multifamily Units	"Renter Occupied Units"	Total Population	Work Trips	Disadvantaged Population	Percent Disadvantaged	"Nearest Substation OSM ID"	Miles to Substation	Longitude	Latitude
1	Lee's Summit 01	Lee's Summit	Jackson County	255	877	1,469	15,525	2,816	3,440	5,929	37,030	20,040	6,641	18%	7608558488	1.30	-94.378961	38.91215
2	Lees Summit #2 - Hwy 291 / Chipman Rd	Lee's Summit	Jackson County	230	839	1,413	14,794	2,970	2,518	4,858	37,375	18,424	4,624	12%	7608558488	1.56	-94.36074	38.92418
3	Olathe #1	Olathe	Johnson County	417	1,802	3,343	20,855	6,508	4,027	7,115	55,614	19,898	11,171	20%	8260890251	1.14	-94.779675	38.883564
4	Gardner #1	Gardner	Johnson County	35	367	699	4,808	1,390	760	1,862	13,633	2,689	-	0%	8123184622	0.92	-94.892406	38.810963
5	Raymore #1	Raymore	Cass County	135	573	969	9,158	1,261	578	2,292	24,020	4,560	-	0%	11139753278	2.09	-94.469773	38.812004
6	Blue Springs #1	Blue Springs	Jackson County	96	488	841	9,479	2,334	1,128	3,300	24,505	7,308	5,625	23%	799660624	1.41	-94.304311	39.029482
7	KCMO Berkley Pkwy / I-29	Kansas City, MO	Jackson County	333	857	1,411	17,841	4,942	13,489	13,021	36,705	39,030	27,126	74%	2177520171	0.44	-94.565396	39.118525
8	KCMO Independence Ave	Kansas City, MO	Jackson County	76	688	1,250	17,220	5,554	3,672	8,615	46,182	18,584	46,182	100%	1237700345	0.91	-94.508172	39.104946
9	KCMO #4 103rd / Wornall Rd	Kansas City, MO	Jackson County	501	1,000	1,734	19,329	6,893	5,466	7,592	41,813	20,179	1,122	3%	1237701954	0.30	-94.596833	38.941689
10	KCMO Emanuel Cleaver / Virginia	Kansas City, MO	Jackson County	602	1,144	1,985	38,809	11,293	16,435	21,259	79,326	38,715	28,997	37%	1141414151	0.17	-94.569582	39.041665
11	KCMO 19th / Main St	Kansas City, MO	Jackson County	509	1,116	1,831	24,776	7,974	19,068	18,173	48,000	59,861	29,939	62%	5401192740	0.33	-94.581363	39.093357
12	KCMO West Bottoms	Kansas City, MO	Jackson County	363	935	1,605	20,315	6,701	14,328	14,455	42,456	49,305	30,962	73%	3820548298	0.63	-94.603763	39.100098
13	KCMO 7th / Grand	Kansas City, MO	Jackson County	420	1,018	1,689	21,588	6,742	15,551	15,530	44,570	53,410	32,389	73%	9097227221	0.40	-94.580409	39.10545
14	KCK #1 18th / Pacific Ave	Kansas City, KS	Wyandotte County	17	438	971	11,557	4,460	2,141	5,667	33,167	14,332	30,298	91%	9773181595	0.59	-94.649387	39.098643
15	KCK #2 Washington Blvd / 8th	Kansas City, KS	Wyandotte County	72	631	1,326	17,780	6,125	5,494	9,578	45,954	18,119	38,580	84%	9773181561	0.60	-94.629571	39.118635
16	KCK #3 State Ave / 78th St	Kansas City, KS	Wyandotte County	59	594	1,204	10,401	3,729	1,979	4,227	28,655	7,274	9,268	32%	8129044836	1.39	-94.760313	39.116569
17	KCK #4 Legends Area	Kansas City, KS	Wyandotte County	17	143	276	2,349	4,151	467	743	6,525	3,987	-	0%	647225496	1.06	-94.825331	39.12873
18	KCK Rainbow Blvd / Southwest Trfwy	Kansas City, KS	Wyandotte County	434	1,099	1,990	30,262	11,054	15,422	18,284	59,594	48,326	23,532	39%	9773716294	0.63	-94.613945	39.067576
19	Independence #1 Noland Rd / 39th St	Independence	Jackson County	86	1,199	1,943	15,753	4,427	1,984	4,845	37,625	10,976	14,571	39%	3556489845	0.91	-94.415099	39.050002
20	Independence #2 Noland Rd / Walnut St	Independence	Jackson County	72	859	1,446	17,982	3,506	3,087	8,391	41,464	10,411	25,387	61%	191125792	0.30	-94.413315	39.089954
21	Merriam #1 / I-35 / 63rd	Merriam	Johnson County	322	1,577	3,035	25,209	9,849	6,698	10,702	55,925	25,593	8,065	14%	1153397185	0.48	-94.689581	39.014808
22	Lenexa #1 I-35 / 95th St	Lenexa	Johnson County	383	1,771	3,389	27,949	9,973	7,974	12,107	63,866	29,584	5,857	9%	5955632236	1.20	-94.724294	38.956472
23	OP #1 135th / Antioch Rd	Overland Park	Johnson County	730	1,734	3,126	20,335	6,219	6,927	8,555	50,377	21,033	-	0%	9470189018	1.19	-94.686539	38.883711
24	OP #2 159th / 69 Hwy	Overland Park	Johnson County	521	1,129	1,992	10,172	1,770	758	1,382	29,698	7,338	-	0%	9768311127	1.38	-94.678039	38.839505
25	OP #3 119th / Metcalf	Overland Park	Johnson County	476	1,270	2,332	17,415	8,864	5,726	7,013	39,285	41,582	-	0%	822792106	0.25	-94.67056	38.912641
26	OP #4 107th / Metcalf	Overland Park	Johnson County	418	1,316	2,480	21,598	10,697	6,818	8,344	47,873	33,922	-	0%	822792106	1.75	-94.667289	38.934246

ID	Name	City	County	2024 EVs	2030 EV Estimate	2035 EV Estimate	Households	Long-Term Visitors	Multifamily Units	"Renter Occupied Units"	Total Population	Work Trips	Disadvantaged Population	Percent Disadvantaged	"Nearest Substation OSM ID"	Miles to Substation	Longitude	Latitude
27	KCMO N #2 I-29 / 64th St	Kansas City, MO	Platte County	296	698	1,169	12,633	5,543	3,260	4,789	31,273	7,911	1,635	5%	1207433612	0.75	-94.640447	39.210487
28	KCMO N #1 NE Antioch / 53rd	Kansas City, MO	Clay County	197	901	1,573	21,150	10,768	4,953	8,064	49,609	9,663	92	0%	1105637028	2.31	-94.548601	39.190131
29	KCMO N #3 I-29 / Old Tiffany Springs	Kansas City, MO	Platte County	739	2,510	3,639	13,919	15,765	4,227	5,832	32,546	13,897	-	0%	1052772658	0.55	-94.656084	39.261099
30	Kearney #1 I-35 / 6th St	Kearney	Clay County	54	252	409	3,481	504	77	643	9,461	1,453	-	0%	189919431	7.26	-94.367424	39.367811
31	Liberty #1 291 Hwy / Kansas St	Liberty	Clay County	220	843	1,405	13,387	6,732	2,790	3,911	36,098	18,961	-	0%	3284132267	2.13	-94.443088	39.244721
32	Roeland Park #1 Roe Blvd / 48th St	Roeland Park	Johnson County	372	1,110	2,081	19,596	6,209	4,988	7,881	42,584	14,934	10,405	24%	1153397665	0.21	-94.640299	39.040389
33	Shawnee #1 75th / Nieman Rd	Shawnee	Johnson County	325	1,495	2,897	24,360	7,367	7,643	11,298	55,904	20,151	10,529	19%	3580859716	0.10	-94.714116	38.992651
34	Harrisonville #1 - I-49 / Commercial St	Harrisonville	Cass County	15	159	273	3,081	1,292	274	1,225	8,105	2,704	2,421	30%	11137532415	0.43	-94.355649	38.63644
35	North KC #1 - I-29 / Armour Rd	North Kansas City	Clay County	93	407	698	8,971	5,410	3,387	5,207	18,580	15,273	4,577	25%	451892862	0.53	-94.556485	39.145824
36	Grain Valley #1 I-70 / Buckner Tarsney Rd	Grain Valley	Jackson County	102	363	598	5,486	470	178	1,881	15,110	2,356	-	0%	1387810393	1.82	-94.197616	39.023615

8.2.1 Proposed EV Charger Location



Supporting Data and Demographics (within 3 mile driving distance)

Long-Term Visitors: 7,260
 Work trips: 18,264
 Multi-Family Housing: 3,103
 2030 Total EVs: 1,179
 2035 Total EVs: 2,015
 Renter Occupied Housing Units: 7,156
 Total Population: 56,689
 Nearest Substation Distance: 1.41 miles

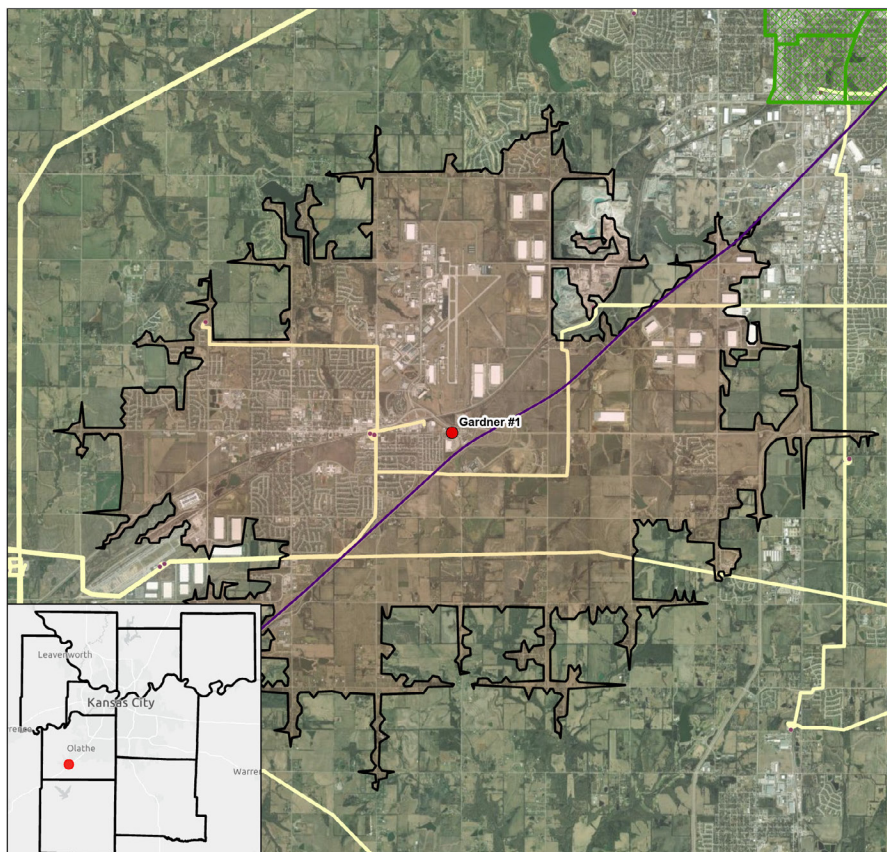
Location Details:

County: Jackson County
 City: Blue Springs

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar



Supporting Data and Demographics (within 3 mile driving distance)

Long-Term Visitors: 2,046
 Work trips: 4,742
 Multi-Family Housing: 1,011
 2030 Total EVs: 660
 2035 Total EVs: 1,253
 Renter Occupied Housing Units: 2,402
 Total Population: 24,875
 Nearest Substation Distance: 0.92 miles

Location Details:

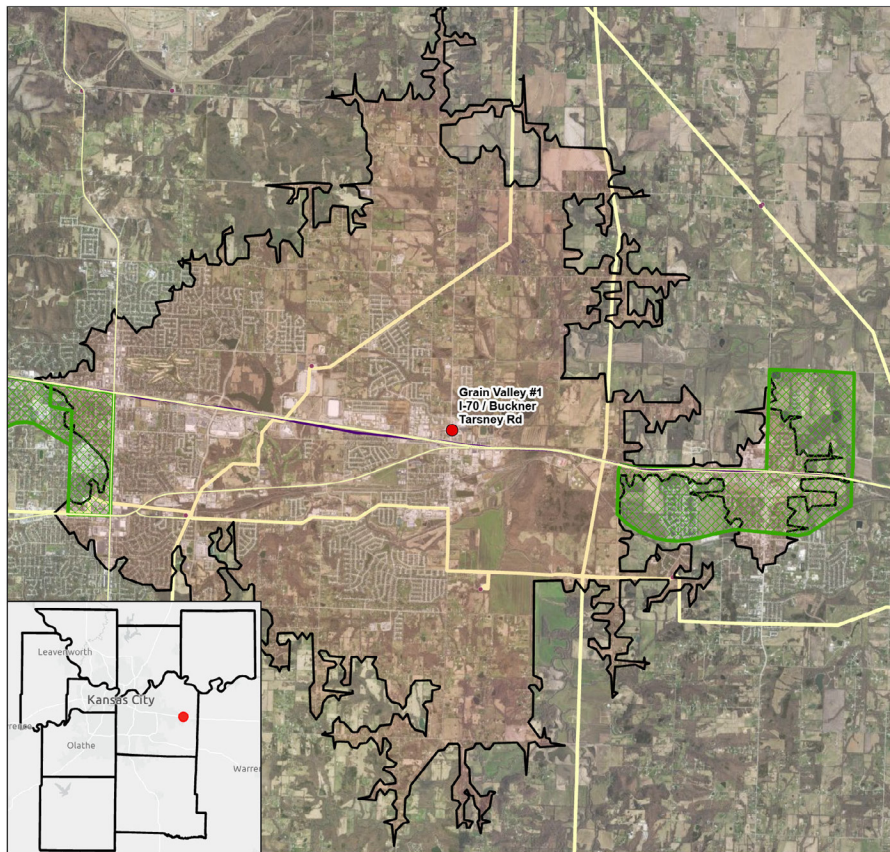
County: Johnson County
 City: Gardner

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Maxar





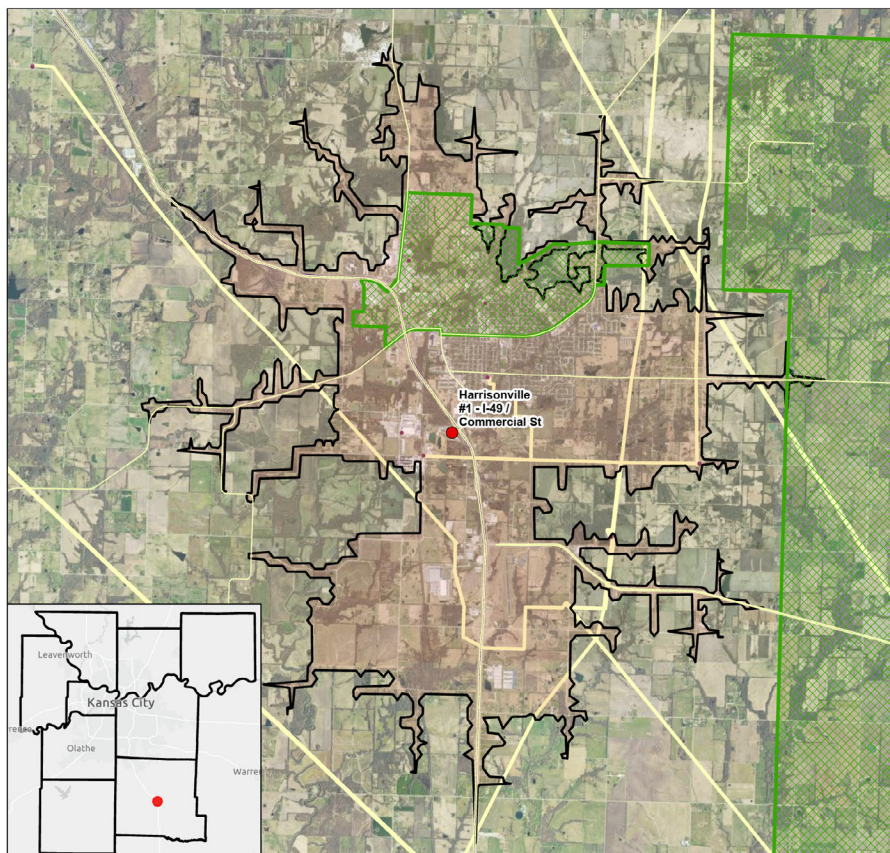
Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 4,475
Work trips: 10,418
Multi-Family Housing: 962
2030 Total EVs: 930
2035 Total EVs: 1,565
Renter Occupied Housing Units: 4,911
Total Population: 43,390
Nearest Substation Distance: 1.82 miles

Location Details:
County: Jackson County
City: Grain Valley

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar



Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 1,809
Work trips: 3,901
Multi-Family Housing: 331
2030 Total EVs: 217
2035 Total EVs: 373
Renter Occupied Housing Units: 1,533
Total Population: 10,943
Nearest Substation Distance: 0.43 miles

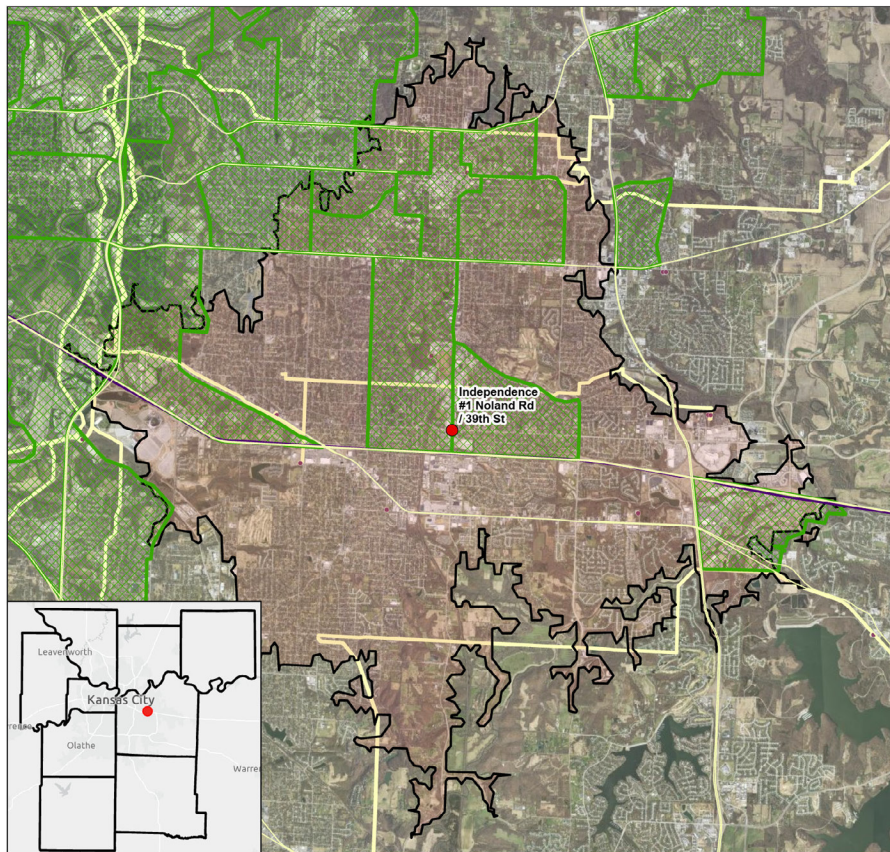
Location Details:
County: Cass County
City: Harrisonville

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar





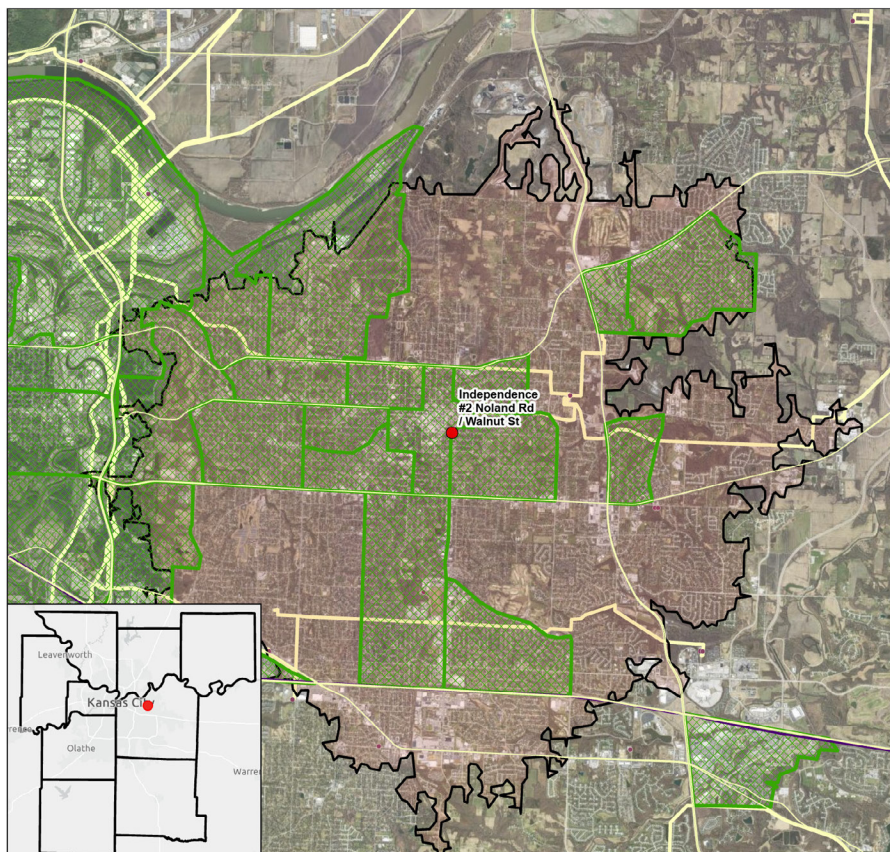
**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 10,289
 Work trips: 25,361
 Multi-Family Housing: 6,288
 2030 Total EVs: 2,186
 2035 Total EVs: 3,625
 Renter Occupied Housing Units: 14,555
 Total Population: 88,005
 Nearest Substation Distance: 0.91 miles

Location Details:
 County: Jackson County
 City: Independence

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar



**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 10,290
 Work trips: 30,888
 Multi-Family Housing: 7,255
 2030 Total EVs: 2,385
 2035 Total EVs: 4,005
 Renter Occupied Housing Units: 18,928
 Total Population: 109,783
 Nearest Substation Distance: 0.3 miles

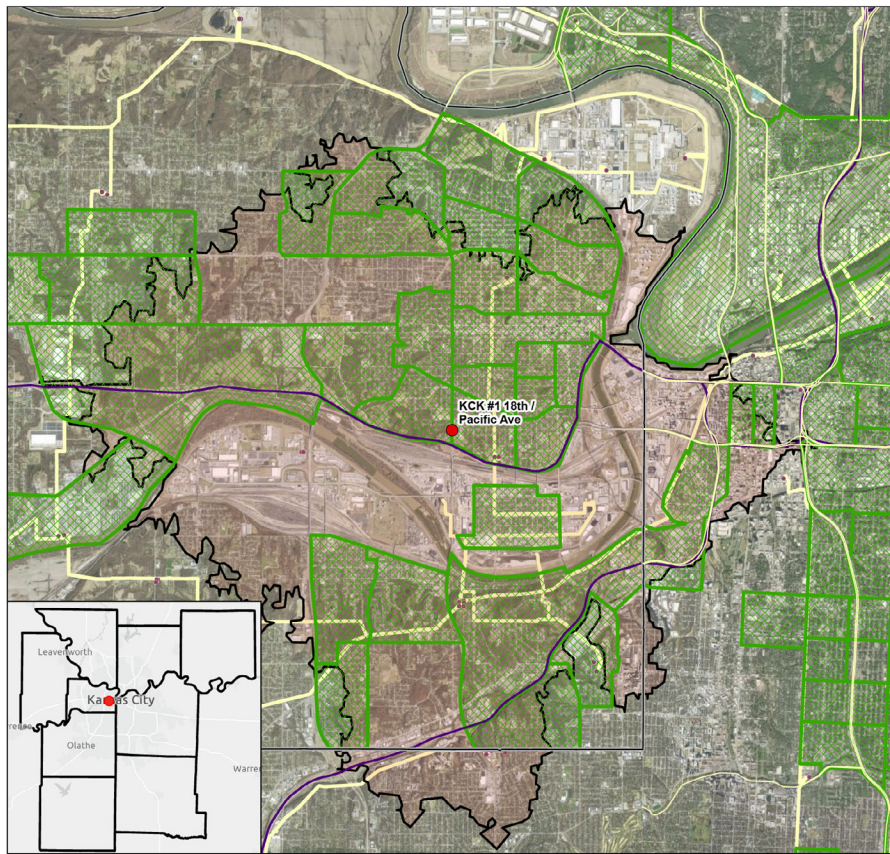
Location Details:
 County: Jackson County
 City: Independence

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





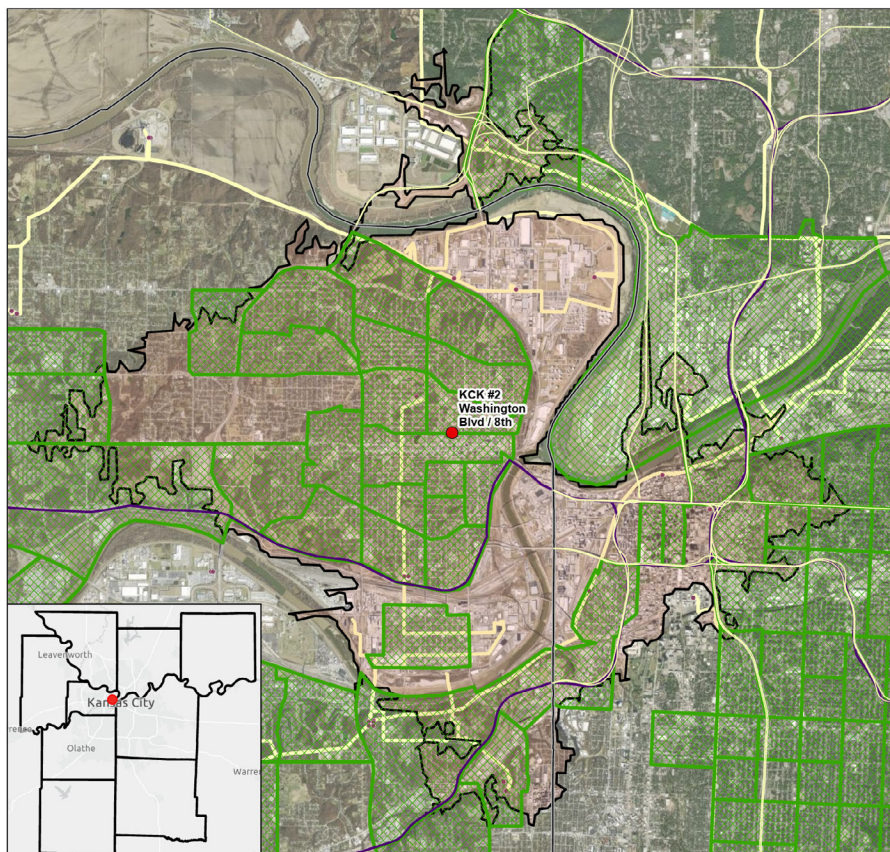
Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 11,646
 Work trips: 46,331
 Multi-Family Housing: 11,032
 2030 Total EVs: 1,448
 2035 Total EVs: 2,907
 Renter Occupied Housing Units: 18,428
 Total Population: 87,883
 Nearest Substation Distance: 0.59 miles

Location Details:
 County: Wyandotte County
 City: Kansas City, KS

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 12,149
 Work trips: 52,755
 Multi-Family Housing: 15,401
 2030 Total EVs: 1,495
 2035 Total EVs: 2,839
 Renter Occupied Housing Units: 21,102
 Total Population: 85,763
 Nearest Substation Distance: 0.6 miles

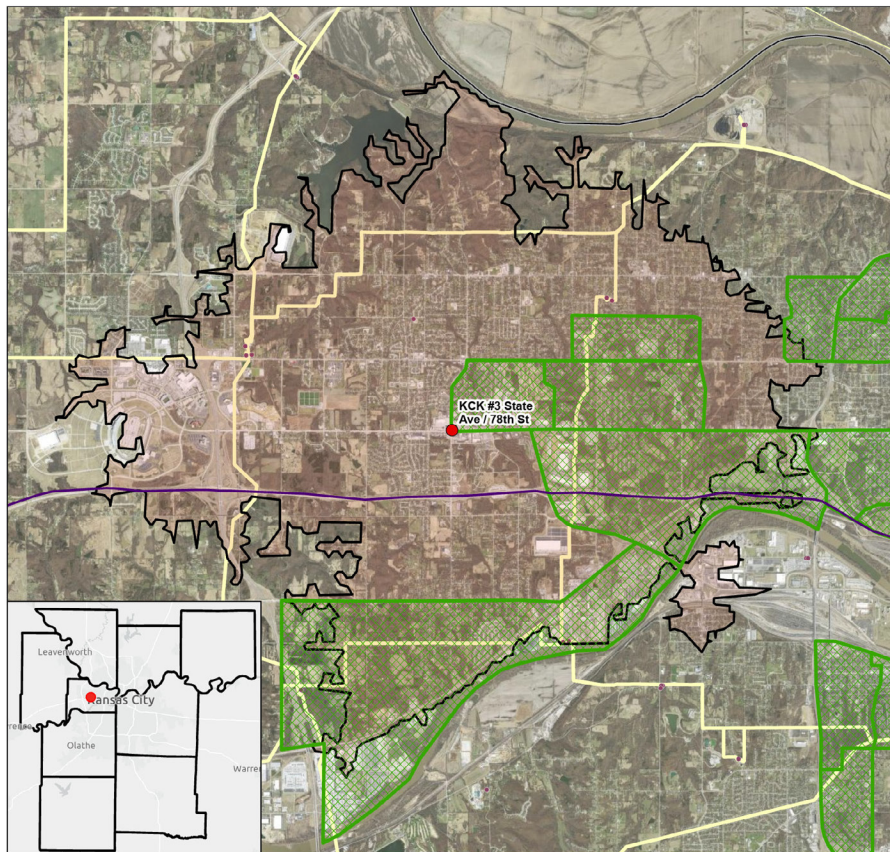
Location Details:
 County: Wyandotte County
 City: Kansas City, KS

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/local jurisdictions, State of Missouri, Maxar





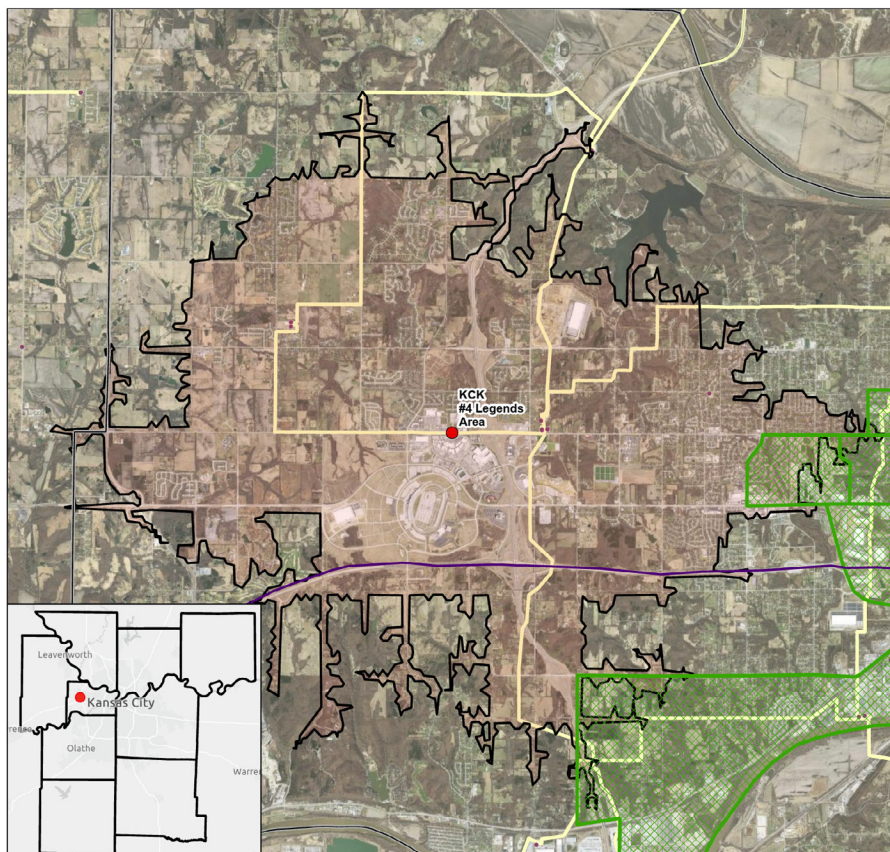
Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 5,963
Work trips: 11,654
Multi-Family Housing: 2,709
2030 Total EVs: 946
2035 Total EVs: 1,939
Renter Occupied Housing Units: 6,540
Total Population: 47,748
Nearest Substation Distance: 1.39 miles

Location Details:
County: Wyandotte County
City: Kansas City, KS

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 8,405
Work trips: 9,942
Multi-Family Housing: 2,245
2030 Total EVs: 681
2035 Total EVs: 1,331
Renter Occupied Housing Units: 4,059
Total Population: 31,396
Nearest Substation Distance: 1.06 miles

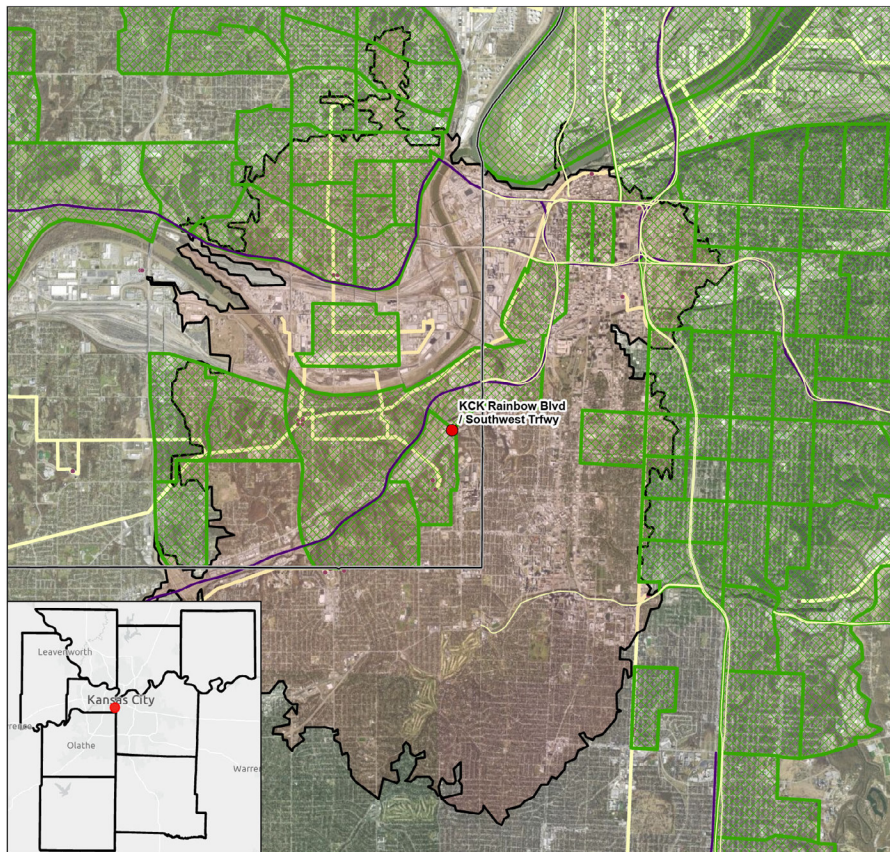
Location Details:
County: Wyandotte County
City: Kansas City, KS

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





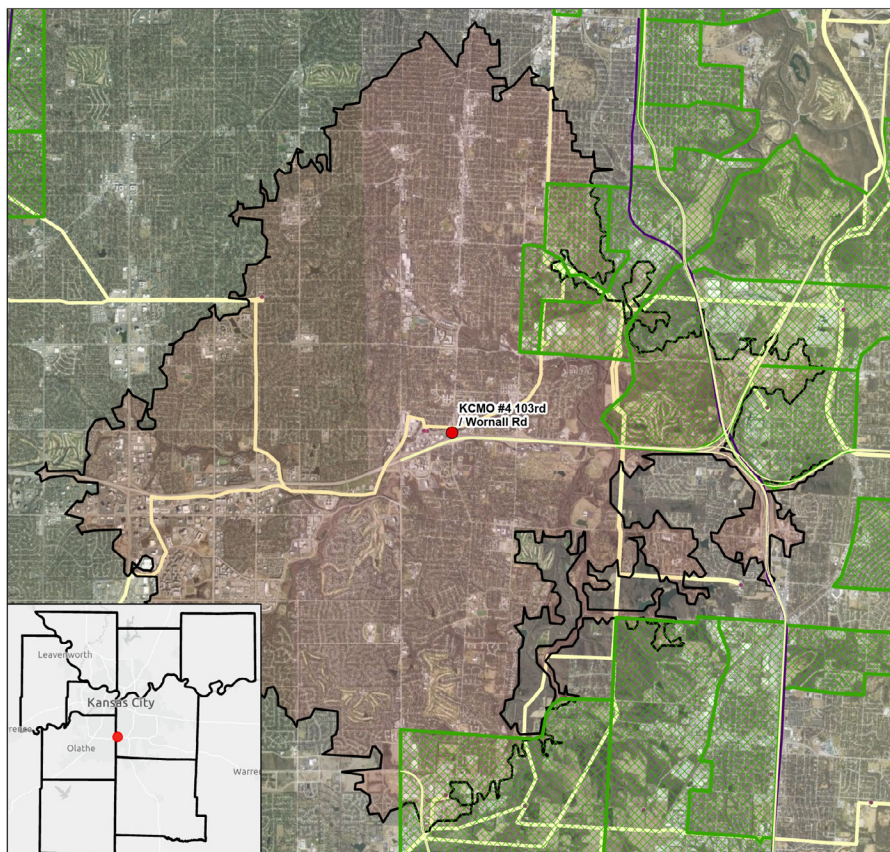
**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 20,946
 Work trips: 98,266
 Multi-Family Housing: 31,660
 2030 Total EVs: 2,814
 2035 Total EVs: 5,066
 Renter Occupied Housing Units: 35,961
 Total Population: 135,734
 Nearest Substation Distance: 0.63 miles

Location Details:
 County: Wyandotte County
 City: Kansas City, KS

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar



**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 16,106
 Work trips: 48,712
 Multi-Family Housing: 10,223
 2030 Total EVs: 2,665
 2035 Total EVs: 4,692
 Renter Occupied Housing Units: 15,353
 Total Population: 104,578
 Nearest Substation Distance: 0.3 miles

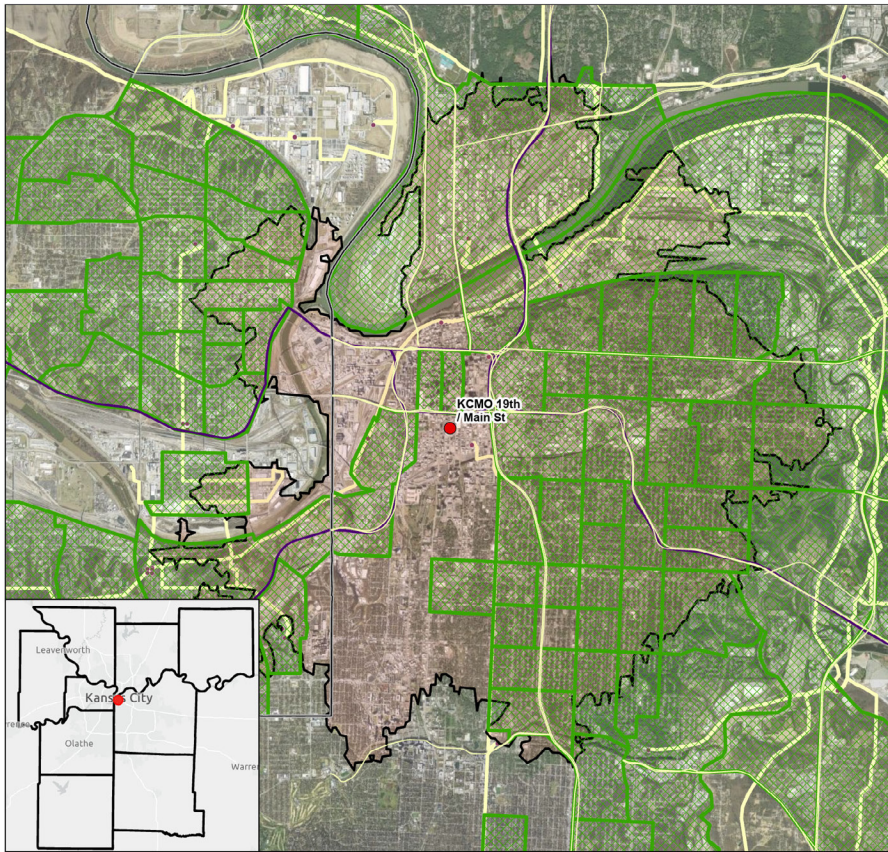
Location Details:
 County: Jackson County
 City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





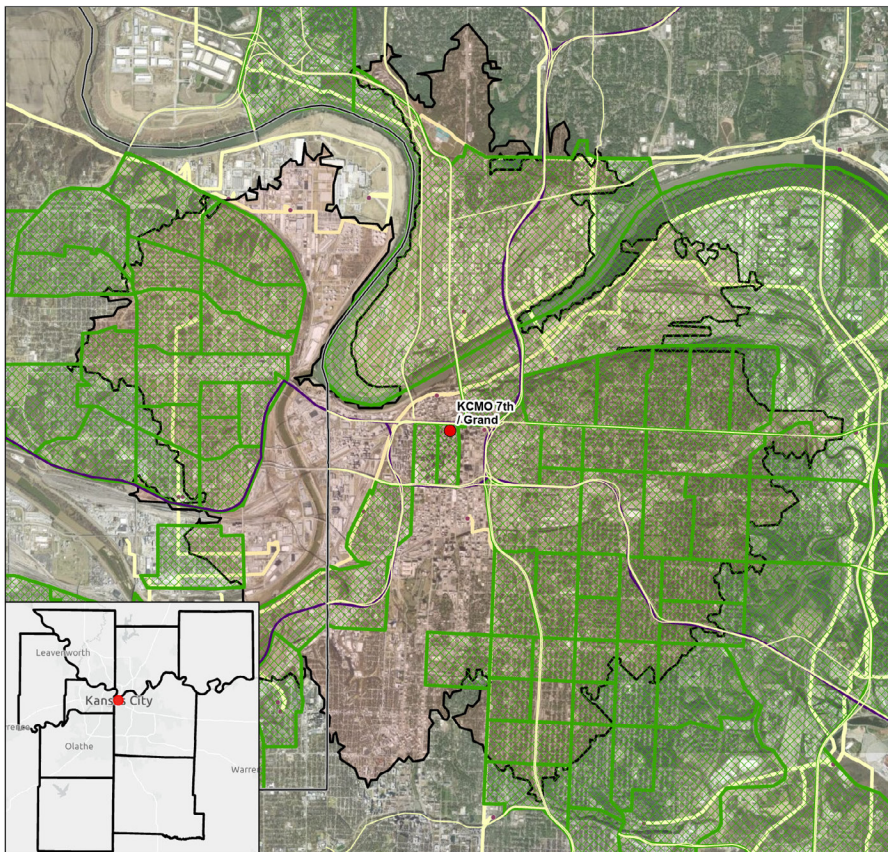
Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 21,217
Work trips: 100,881
Multi-Family Housing: 31,328
2030 Total EVs: 2,239
2035 Total EVs: 3,902
Renter Occupied Housing Units: 39,420
Total Population: 131,410
Nearest Substation Distance: 0.33 miles

Location Details:
County: Jackson County
City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 20,989
Work trips: 97,557
Multi-Family Housing: 28,491
2030 Total EVs: 2,240
2035 Total EVs: 3,984
Renter Occupied Housing Units: 37,891
Total Population: 134,097
Nearest Substation Distance: 0.4 miles

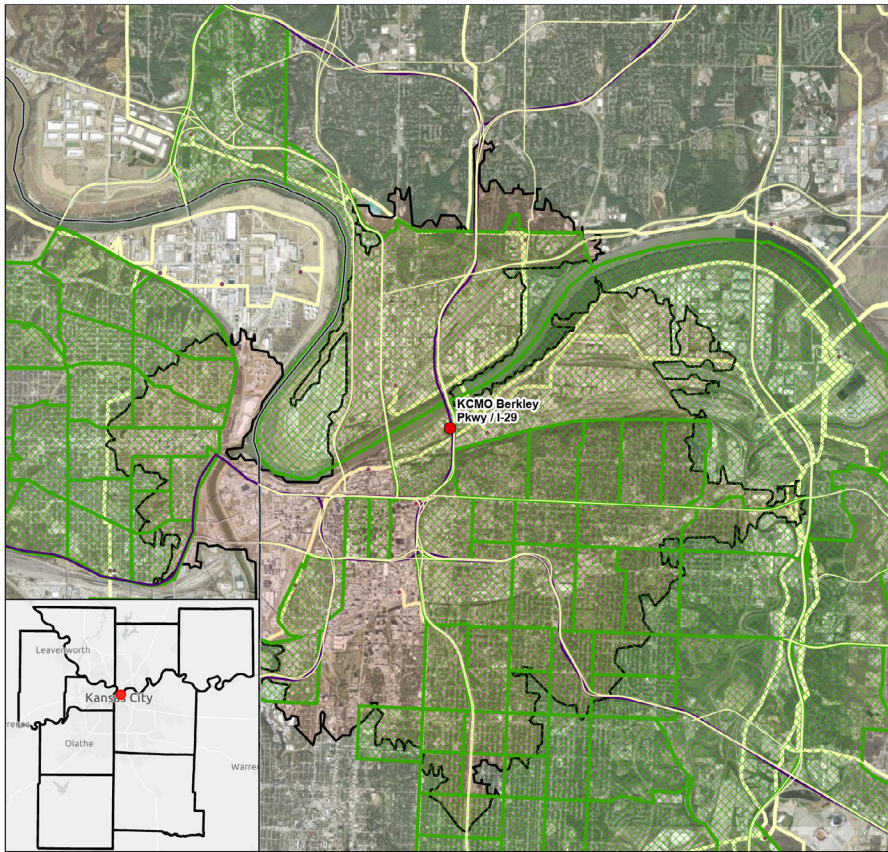
Location Details:
County: Jackson County
City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





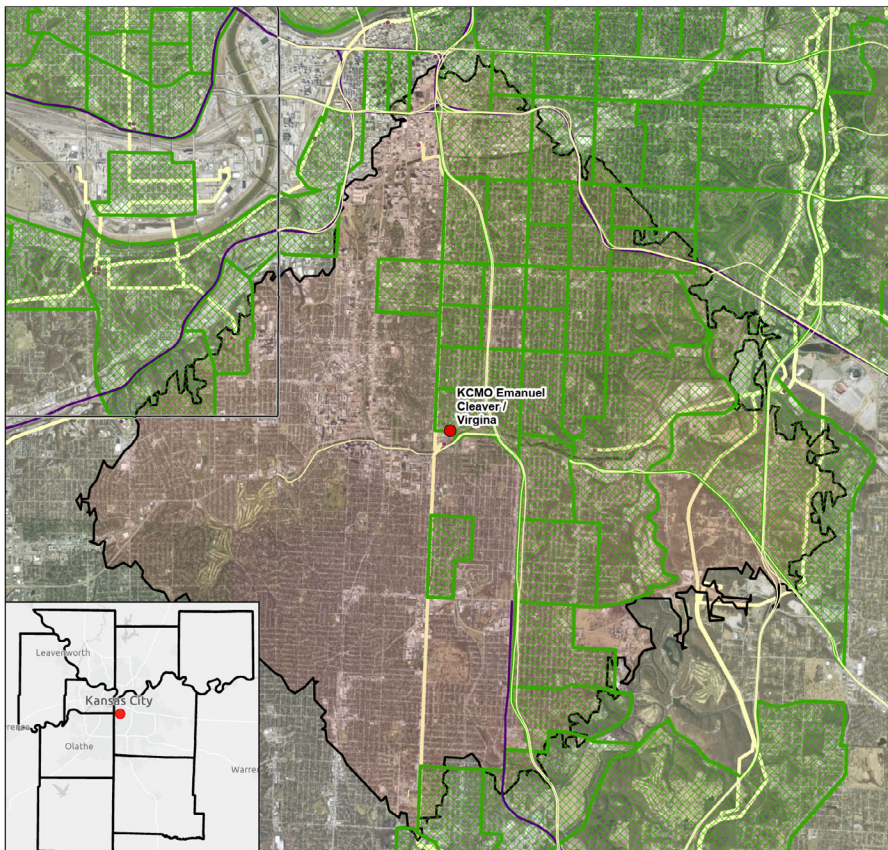
**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 14,023
 Work trips: 78,296
 Multi-Family Housing: 21,117
 2030 Total EVs: 1,646
 2035 Total EVs: 2,826
 Renter Occupied Housing Units: 26,138
 Total Population: 89,570
 Nearest Substation Distance: 0.44 miles

Location Details:
 County: Jackson County
 City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 20,930
 Work trips: 81,745
 Multi-Family Housing: 25,814
 2030 Total EVs: 2,588
 2035 Total EVs: 4,573
 Renter Occupied Housing Units: 37,731
 Total Population: 163,215
 Nearest Substation Distance: 0.17 miles

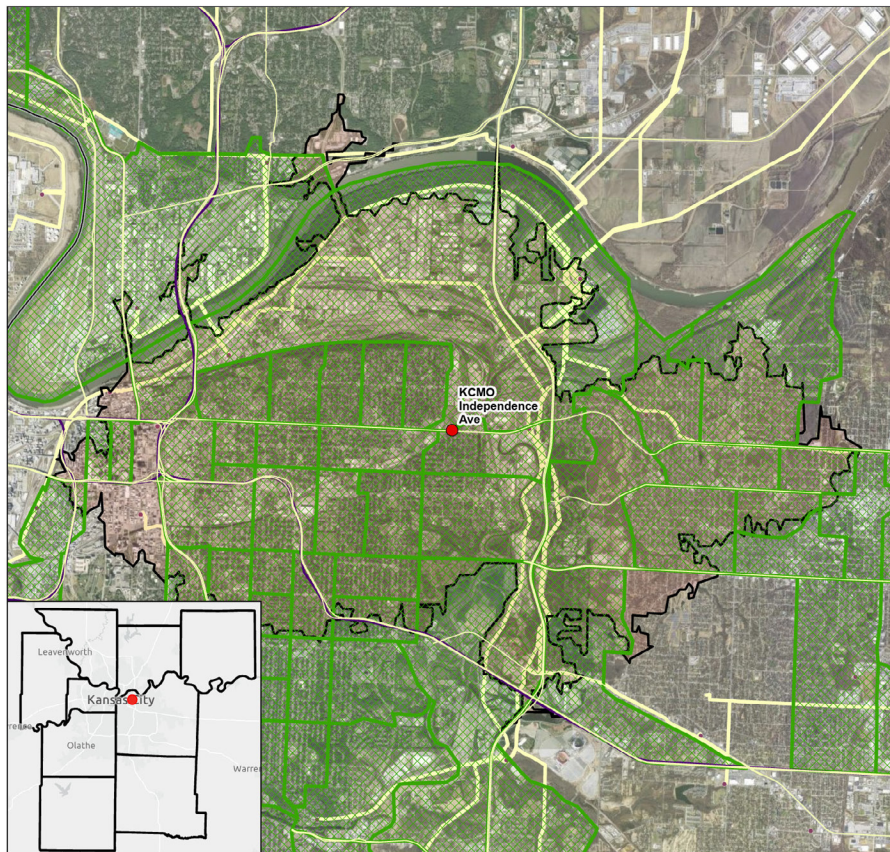
Location Details:
 County: Jackson County
 City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





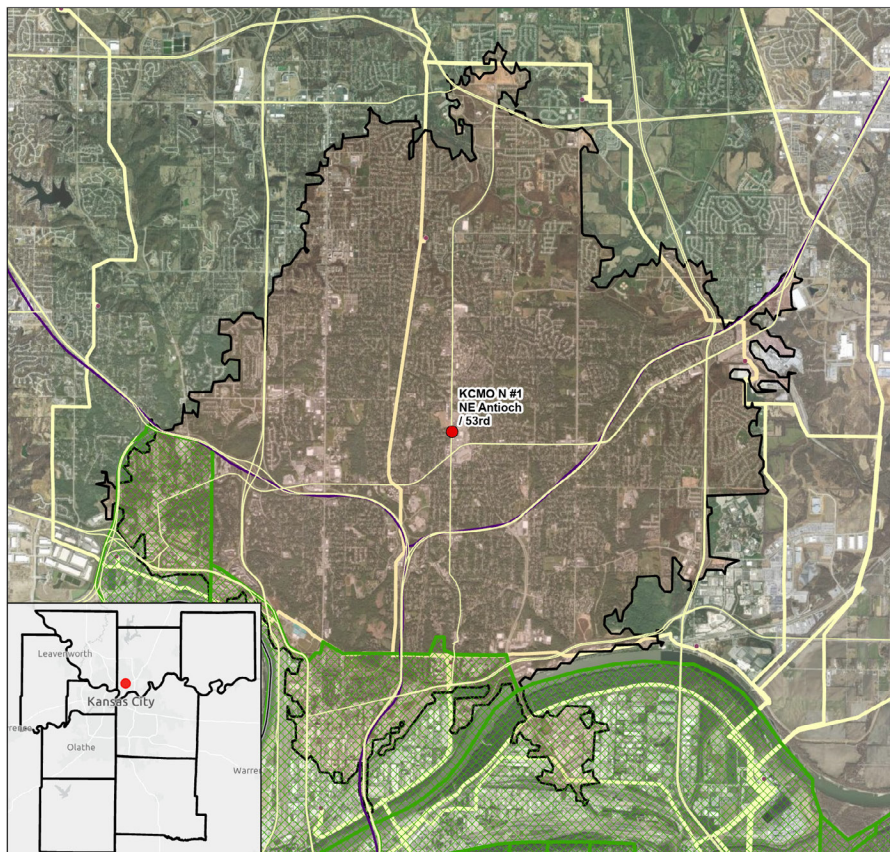
Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 10,754
 Work trips: 51,364
 Multi-Family Housing: 14,376
 2030 Total EVs: 1,552
 2035 Total EVs: 2,702
 Renter Occupied Housing Units: 21,564
 Total Population: 88,685
 Nearest Substation Distance: 0.91 miles

Location Details:
 County: Jackson County
 City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 20,101
 Work trips: 36,822
 Multi-Family Housing: 10,261
 2030 Total EVs: 2,041
 2035 Total EVs: 3,443
 Renter Occupied Housing Units: 17,202
 Total Population: 98,189
 Nearest Substation Distance: 2.31 miles

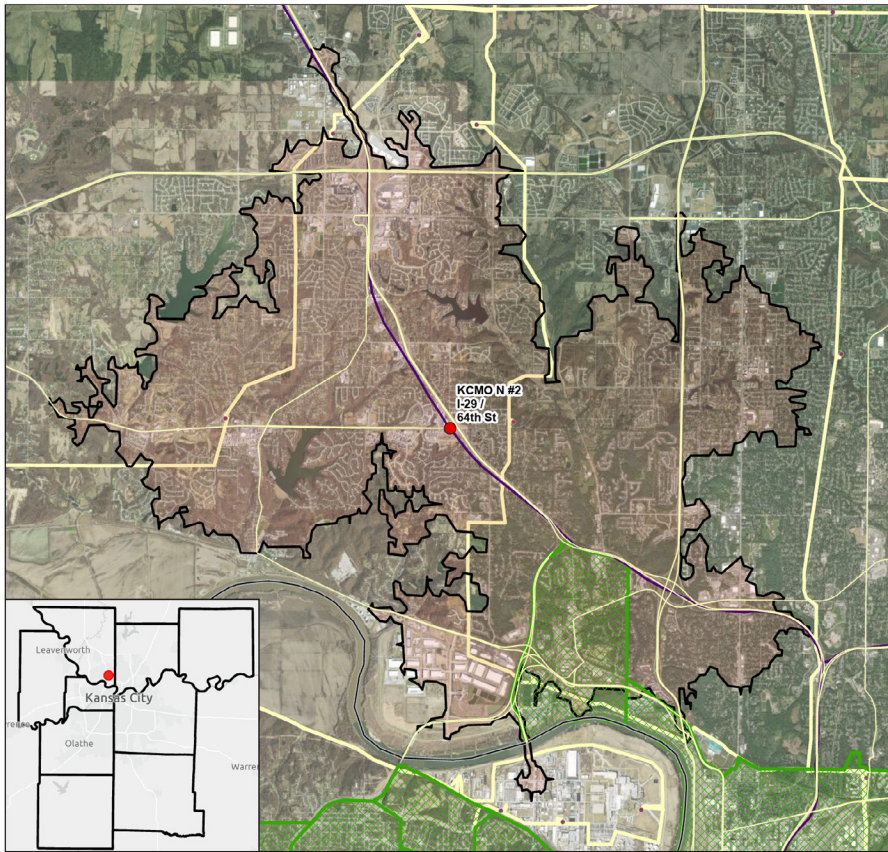
Location Details:
 County: Clay County
 City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





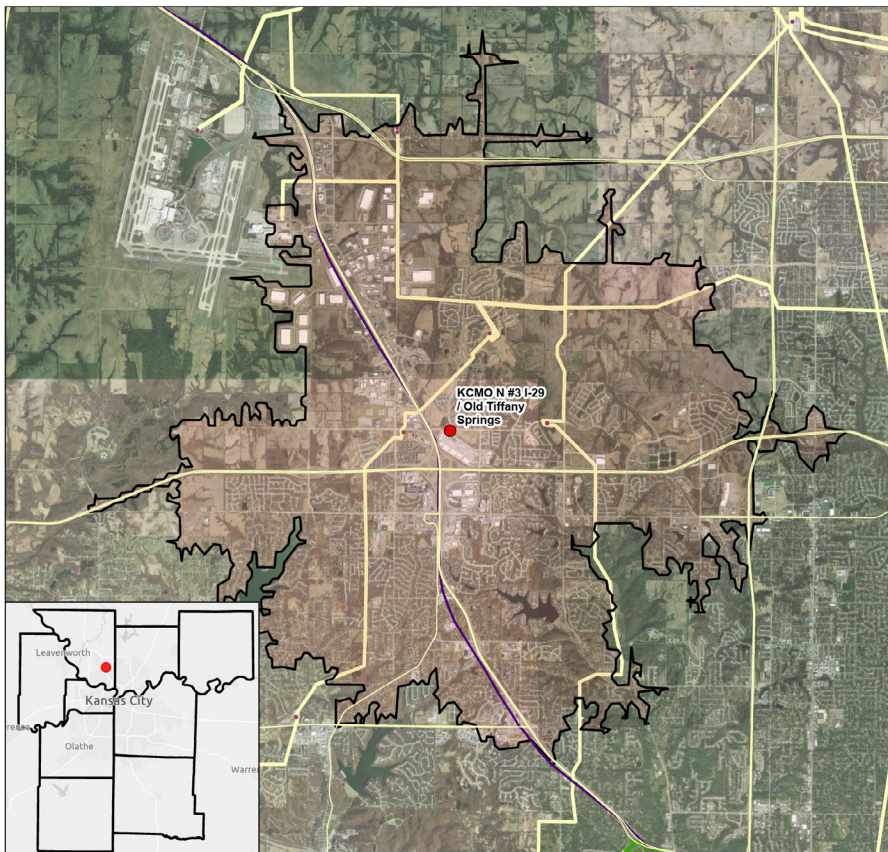
**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 16,738
 Work trips: 23,375
 Multi-Family Housing: 7,836
 2030 Total EVs: 2,205
 2035 Total EVs: 3,546
 Renter Occupied Housing Units: 12,899
 Total Population: 76,418
 Nearest Substation Distance: 0.75 miles

Location Details:
 County: Platte County
 City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 17,710
 Work trips: 17,964
 Multi-Family Housing: 5,490
 2030 Total EVs: 2,554
 2035 Total EVs: 3,820
 Renter Occupied Housing Units: 8,071
 Total Population: 49,122
 Nearest Substation Distance: 0.55 miles

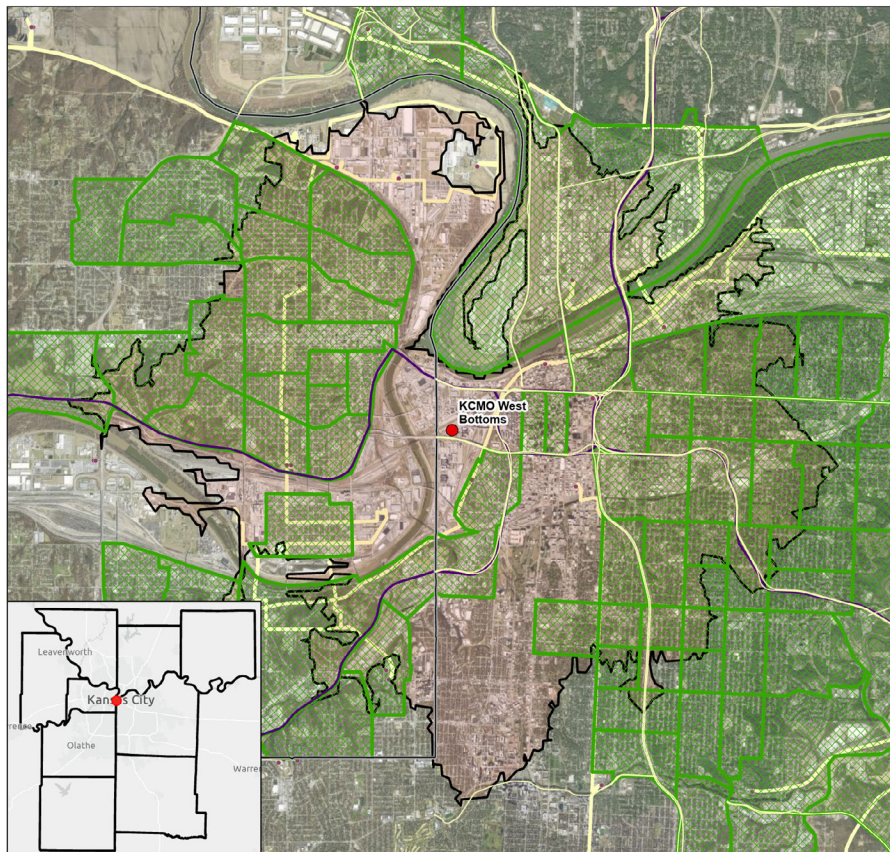
Location Details:
 County: Platte County
 City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





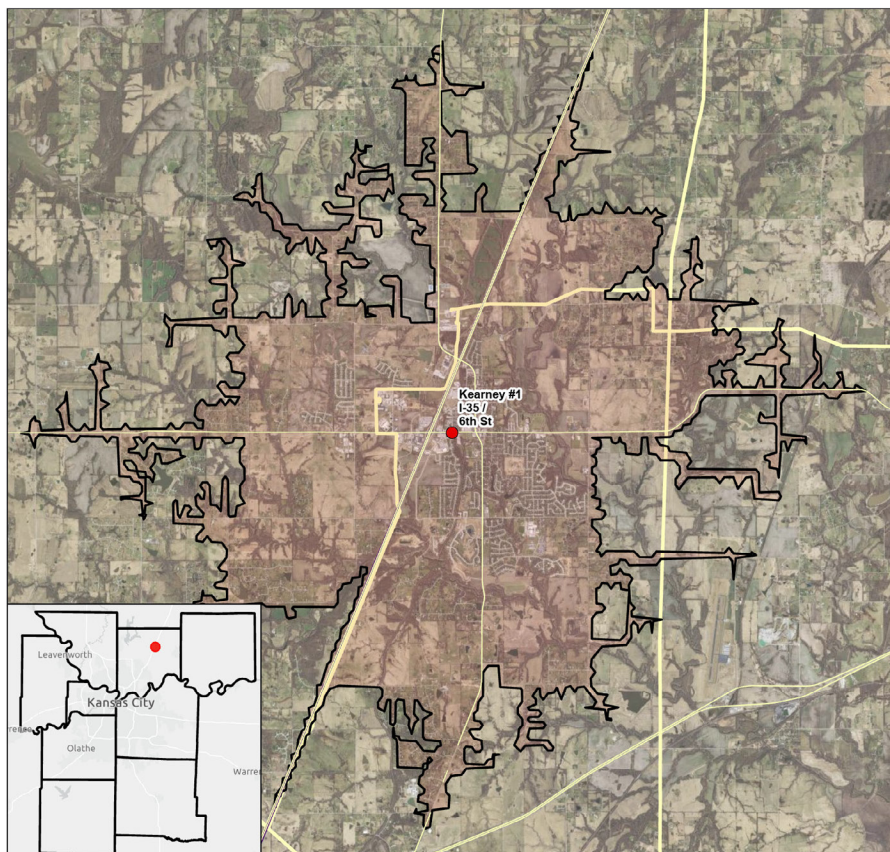
Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 19,753
 Work trips: 95,484
 Multi-Family Housing: 29,793
 2030 Total EVs: 2,094
 2035 Total EVs: 3,765
 Renter Occupied Housing Units: 36,206
 Total Population: 121,571
 Nearest Substation Distance: 0.63 miles

Location Details:
 County: Jackson County
 City: Kansas City, MO

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar



Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 696
 Work trips: 2,190
 Multi-Family Housing: 142
 2030 Total EVs: 340
 2035 Total EVs: 553
 Renter Occupied Housing Units: 807
 Total Population: 13,152
 Nearest Substation Distance: 7.26 miles

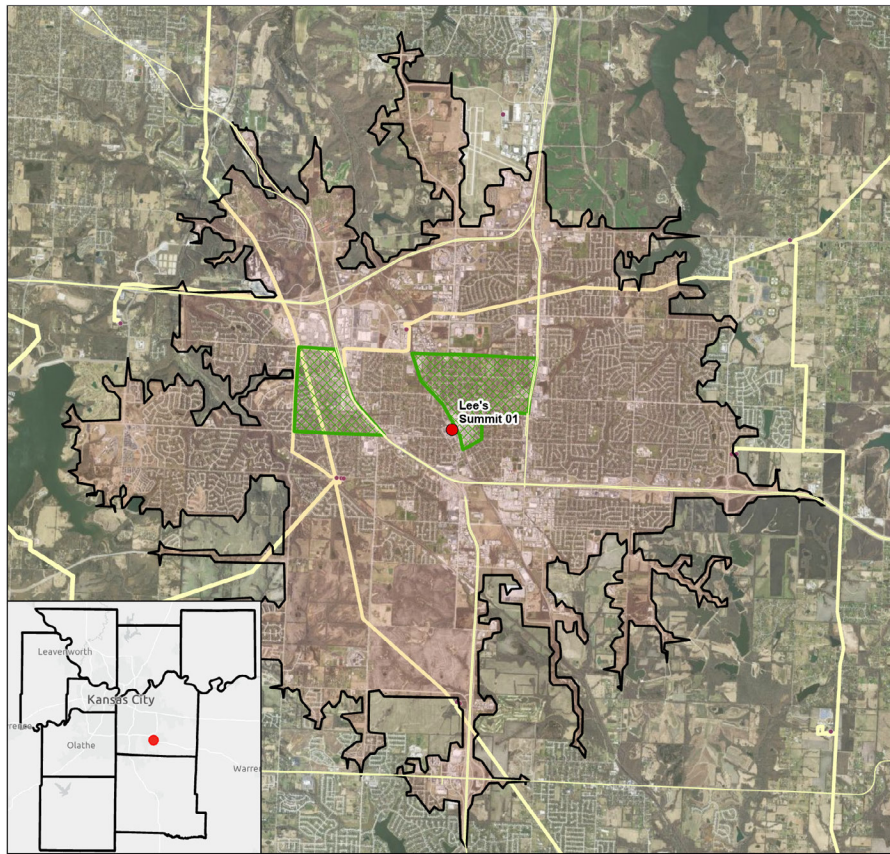
Location Details:
 County: Clay County
 City: Kearney

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





Supporting Data and Demographics (within 3 mile driving distance)

Long-Term Visitors: 4,615
 Work trips: 25,695
 Multi-Family Housing: 4,475
 2030 Total EVs: 1,582
 2035 Total EVs: 2,637
 Renter Occupied Housing Units: 7,873
 Total Population: 65,649
 Nearest Substation Distance: 1.3 miles

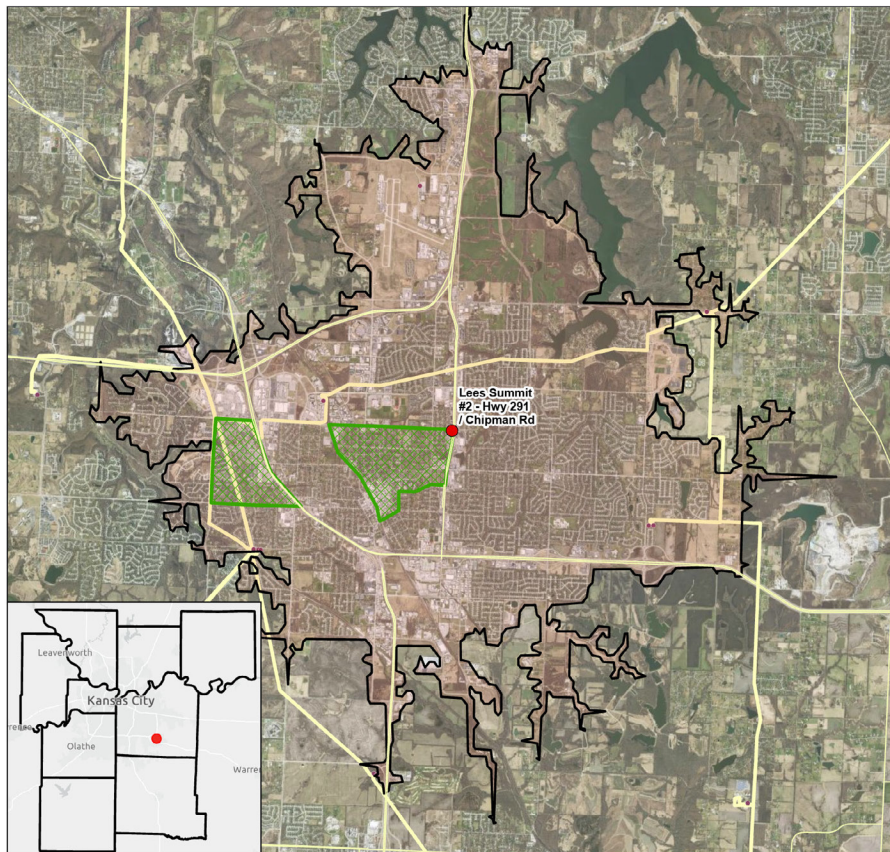
Location Details:

County: Jackson County
 City: Lee's Summit

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar



Supporting Data and Demographics (within 3 mile driving distance)

Long-Term Visitors: 4,596
 Work trips: 27,077
 Multi-Family Housing: 3,910
 2030 Total EVs: 1,413
 2035 Total EVs: 2,366
 Renter Occupied Housing Units: 7,136
 Total Population: 58,632
 Nearest Substation Distance: 1.56 miles

Location Details:

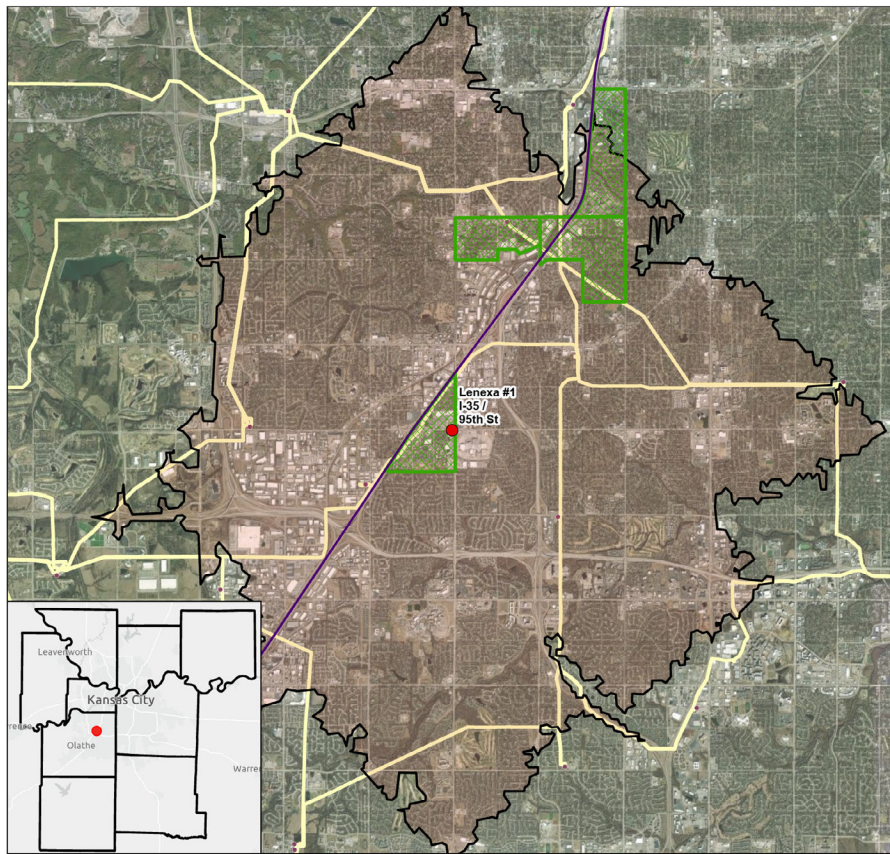
County: Jackson County
 City: Lee's Summit

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar





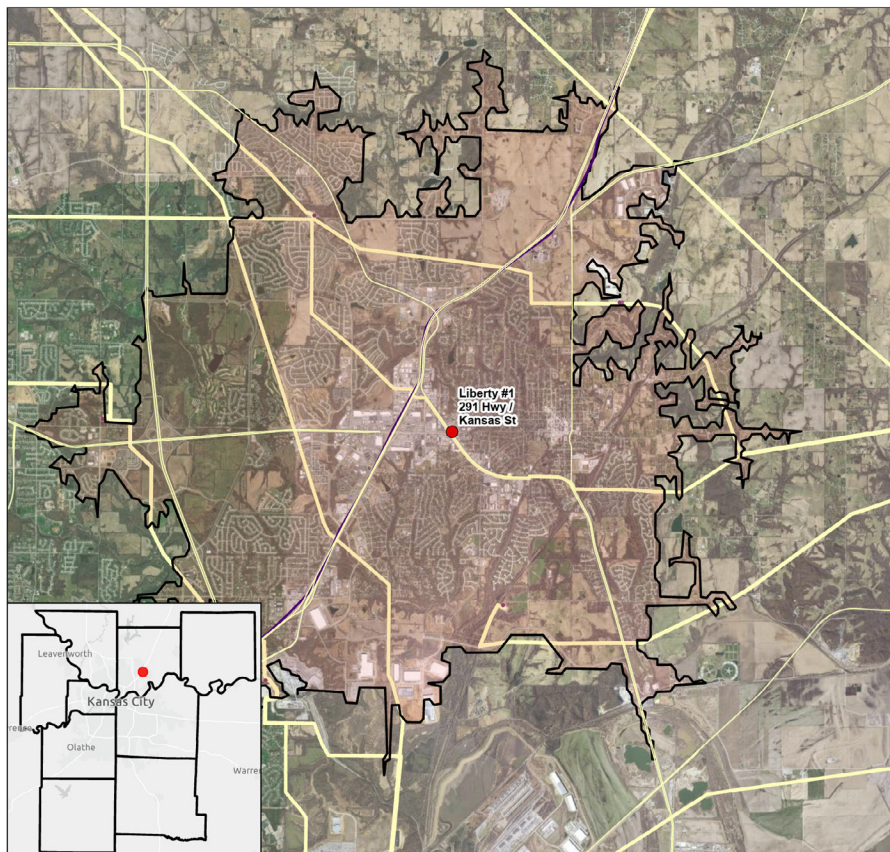
Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 21,664
Work trips: 75,040
Multi-Family Housing: 20,908
2030 Total EVs: 4,384
2035 Total EVs: 8,311
Renter Occupied Housing Units: 29,030
Total Population: 151,897
Nearest Substation Distance: 1.2 miles

Location Details:
County: Johnson County
City: Lenexa

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 8,125
Work trips: 20,234
Multi-Family Housing: 3,714
2030 Total EVs: 1,529
2035 Total EVs: 2,527
Renter Occupied Housing Units: 5,610
Total Population: 62,564
Nearest Substation Distance: 2.13 miles

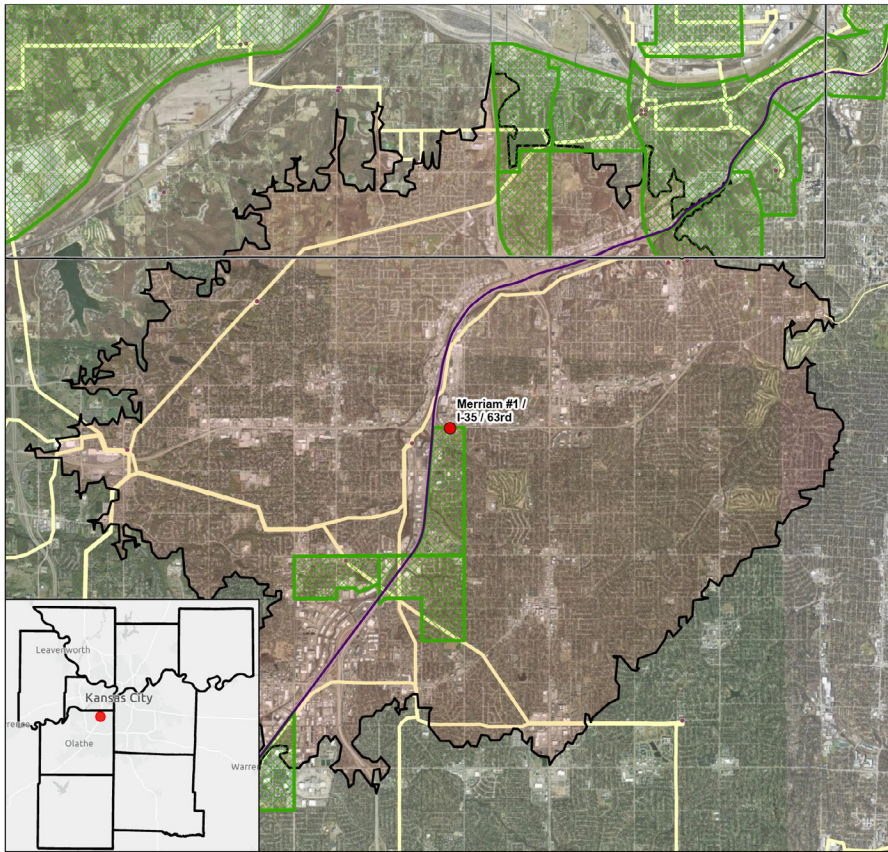
Location Details:
County: Clay County
City: Liberty

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





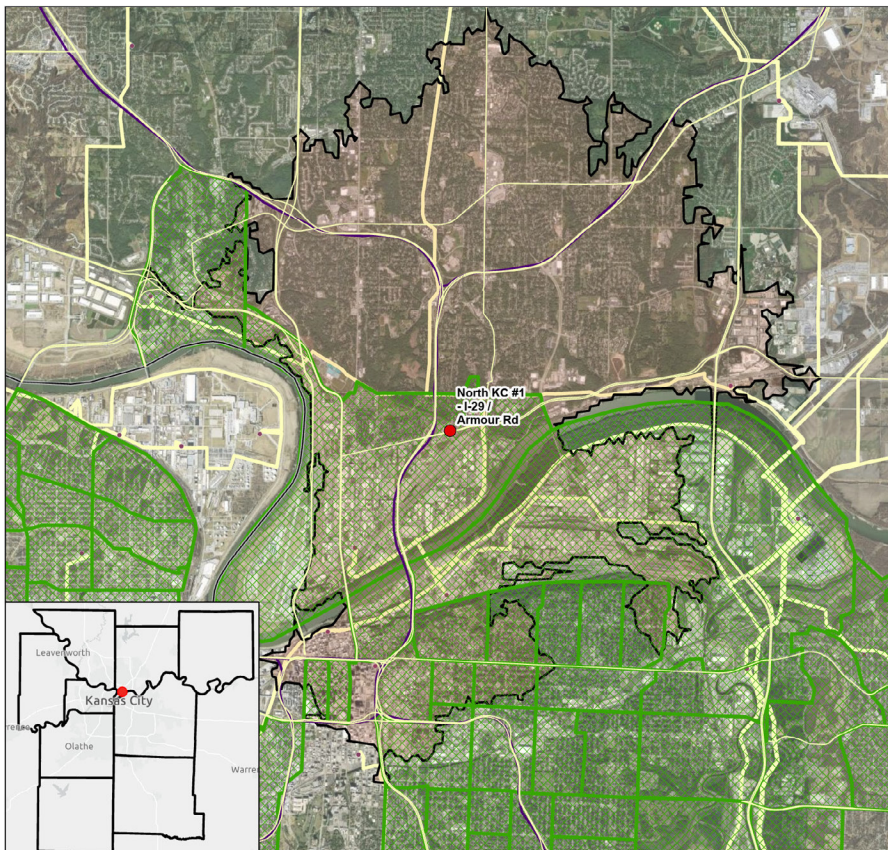
Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 18,760
 Work trips: 42,113
 Multi-Family Housing: 13,694
 2030 Total EVs: 3,935
 2035 Total EVs: 7,524
 Renter Occupied Housing Units: 23,155
 Total Population: 142,362
 Nearest Substation Distance: 0.48 miles

Location Details:
 County: Johnson County
 City: Merriam

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 17,420
 Work trips: 52,953
 Multi-Family Housing: 17,334
 2030 Total EVs: 1,737
 2035 Total EVs: 2,939
 Renter Occupied Housing Units: 21,165
 Total Population: 81,748
 Nearest Substation Distance: 0.53 miles

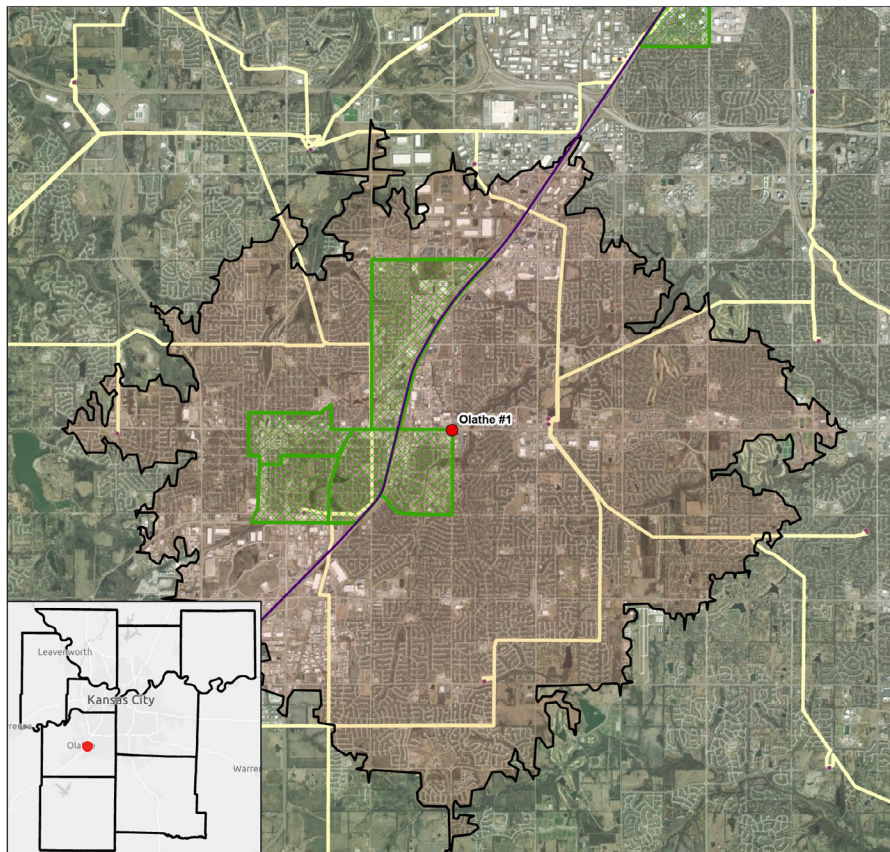
Location Details:
 County: Clay County
 City: North Kansas City

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

State of Missouri, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





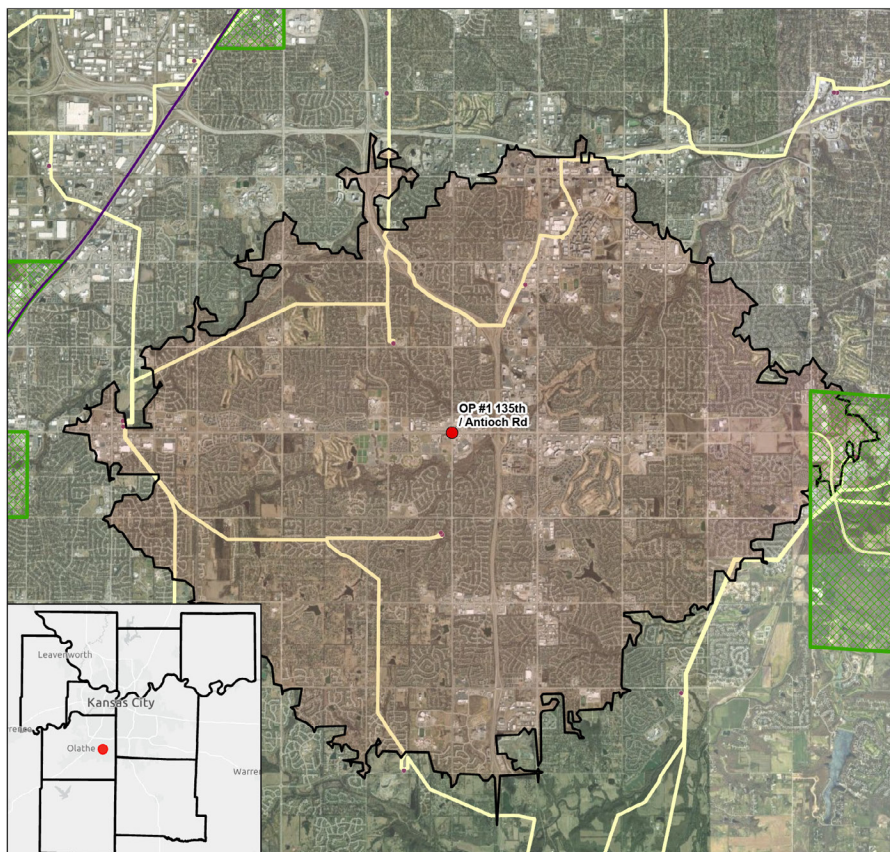
**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 12,576
 Work trips: 38,913
 Multi-Family Housing: 9,332
 2030 Total EVs: 4,225
 2035 Total EVs: 7,796
 Renter Occupied Housing Units: 14,777
 Total Population: 129,614
 Nearest Substation Distance: 1.14 miles

Location Details:
 County: Johnson County
 City: Olathe

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Maxar



**Supporting Data and Demographics
(within 3 mile driving distance)**
 Long-Term Visitors: 13,467
 Work trips: 52,508
 Multi-Family Housing: 13,241
 2030 Total EVs: 4,218
 2035 Total EVs: 7,581
 Renter Occupied Housing Units: 16,162
 Total Population: 117,821
 Nearest Substation Distance: 1.19 miles

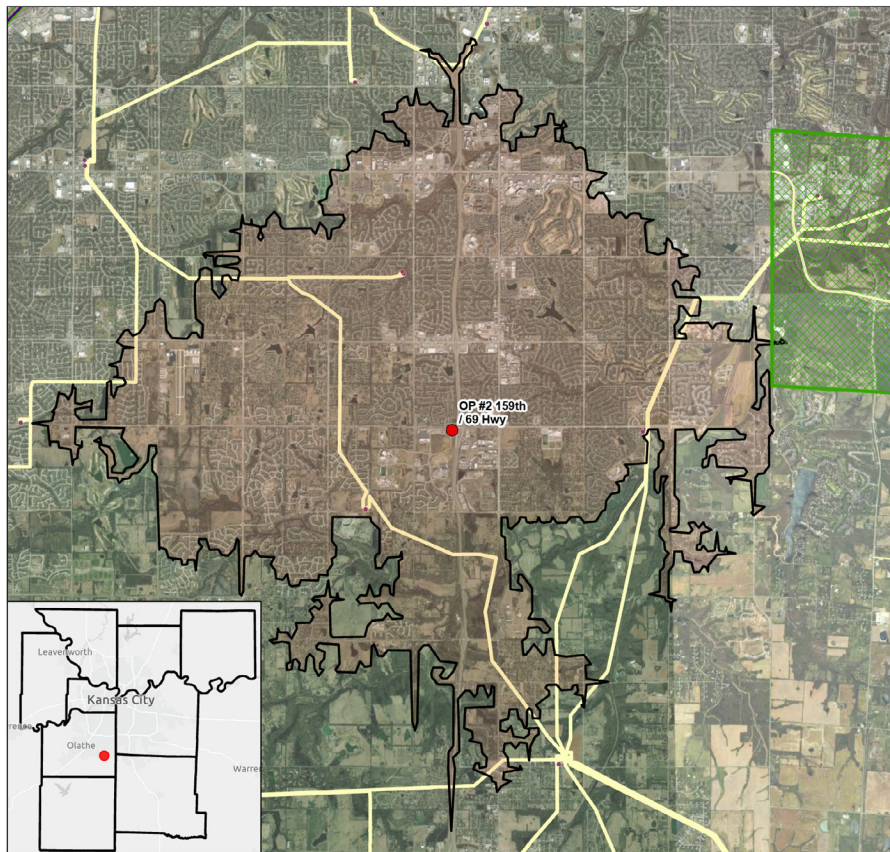
Location Details:
 County: Johnson County
 City: Overland Park

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Maxar





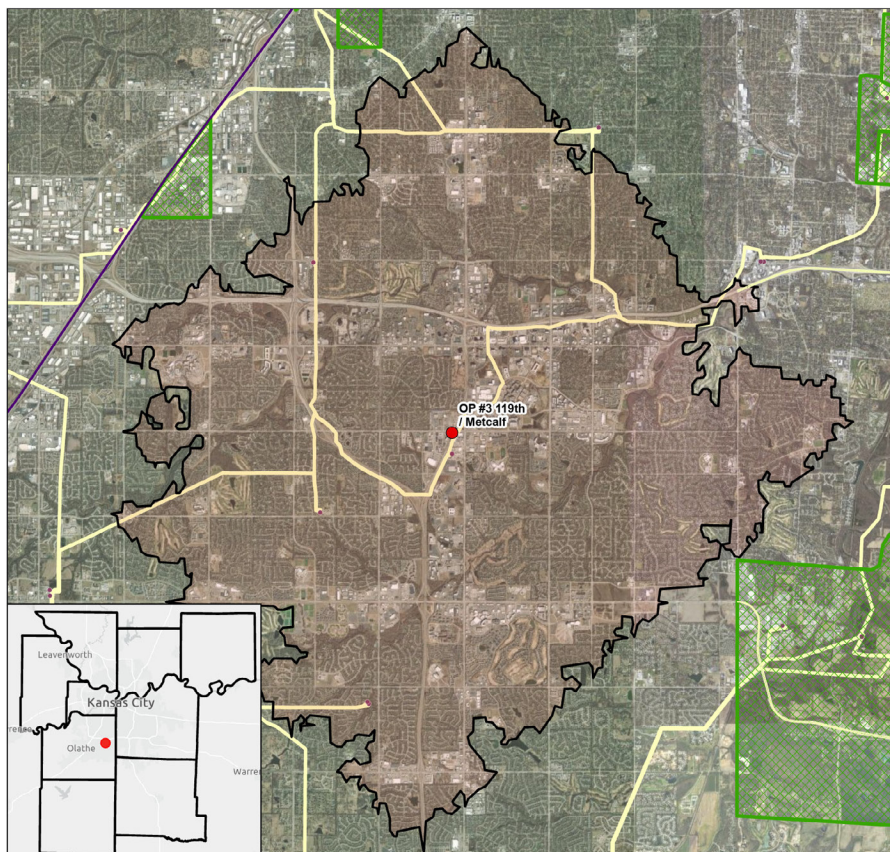
Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 5,184
 Work trips: 15,870
 Multi-Family Housing: 5,242
 2030 Total EVs: 2,508
 2035 Total EVs: 4,438
 Renter Occupied Housing Units: 6,573
 Total Population: 66,890
 Nearest Substation Distance: 1.38 miles

Location Details:
 County: Johnson County
 City: Overland Park

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Maxar



Supporting Data and Demographics (within 3 mile driving distance)
 Long-Term Visitors: 19,812
 Work trips: 75,317
 Multi-Family Housing: 18,333
 2030 Total EVs: 4,279
 2035 Total EVs: 7,829
 Renter Occupied Housing Units: 22,121
 Total Population: 135,068
 Nearest Substation Distance: 0.25 miles

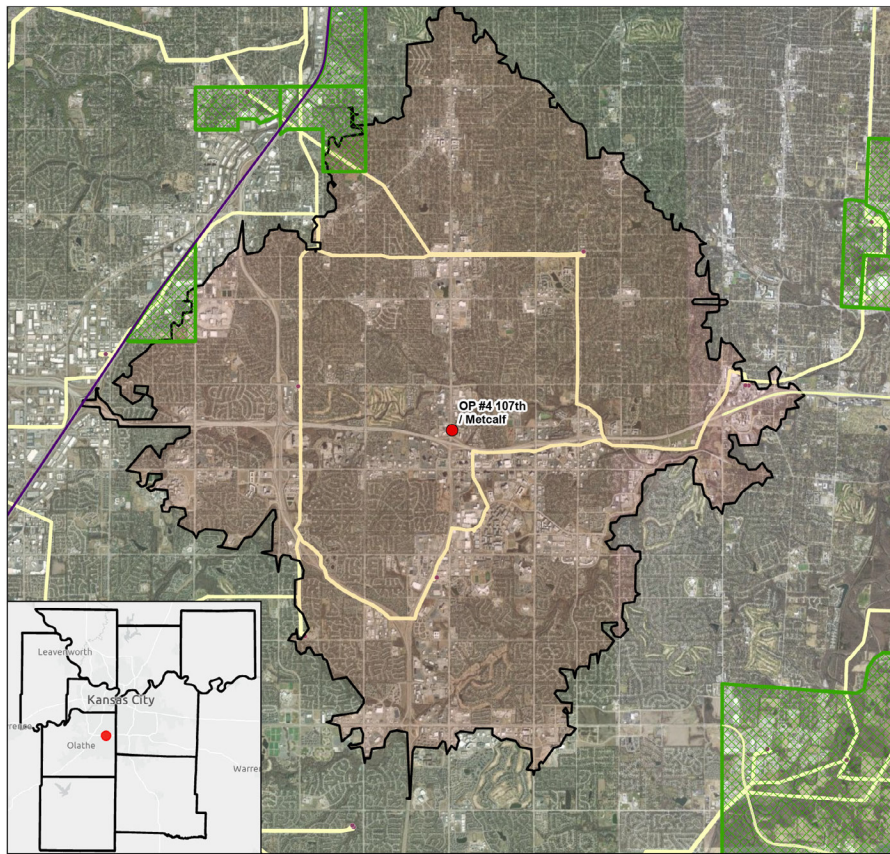
Location Details:
 County: Johnson County
 City: Overland Park

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Maxar





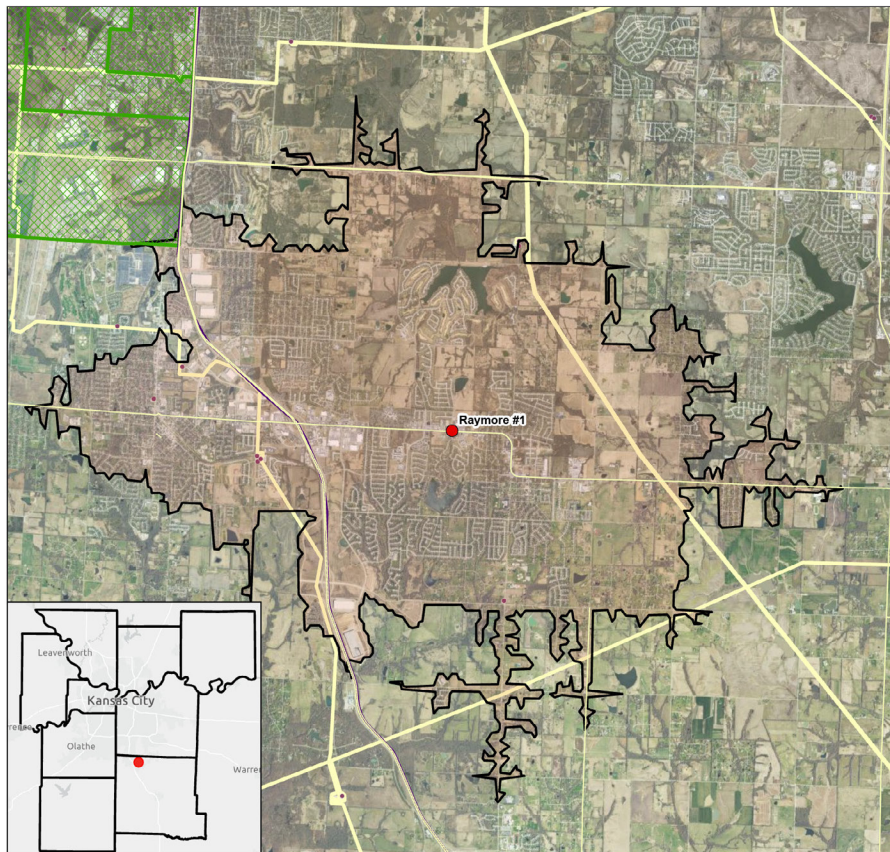
Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 20,456
Work trips: 69,208
Multi-Family Housing: 14,059
2030 Total EVs: 3,541
2035 Total EVs: 6,594
Renter Occupied Housing Units: 19,205
Total Population: 121,181
Nearest Substation Distance: 1.75 miles

Location Details:
County: Johnson County
City: Overland Park

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, Maxar



Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 2,561
Work trips: 8,829
Multi-Family Housing: 1,523
2030 Total EVs: 975
2035 Total EVs: 1,665
Renter Occupied Housing Units: 5,212
Total Population: 42,750
Nearest Substation Distance: 2.09 miles

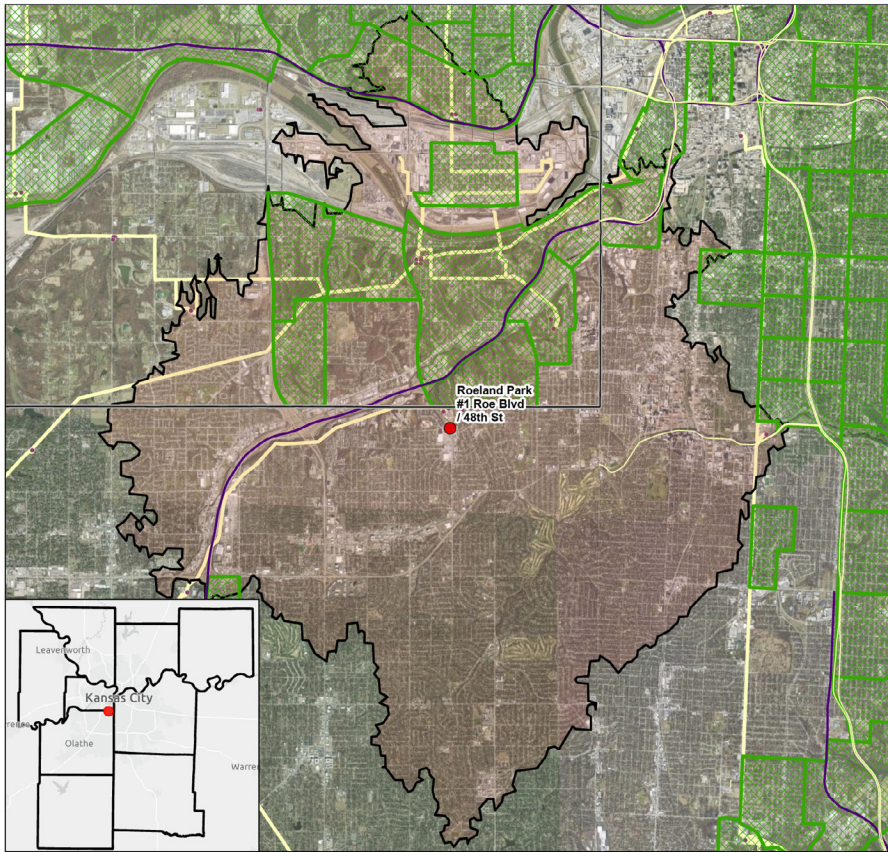
Location Details:
County: Cass County
City: Raymore

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS, MARC/ local jurisdictions, State of Missouri, Maxar





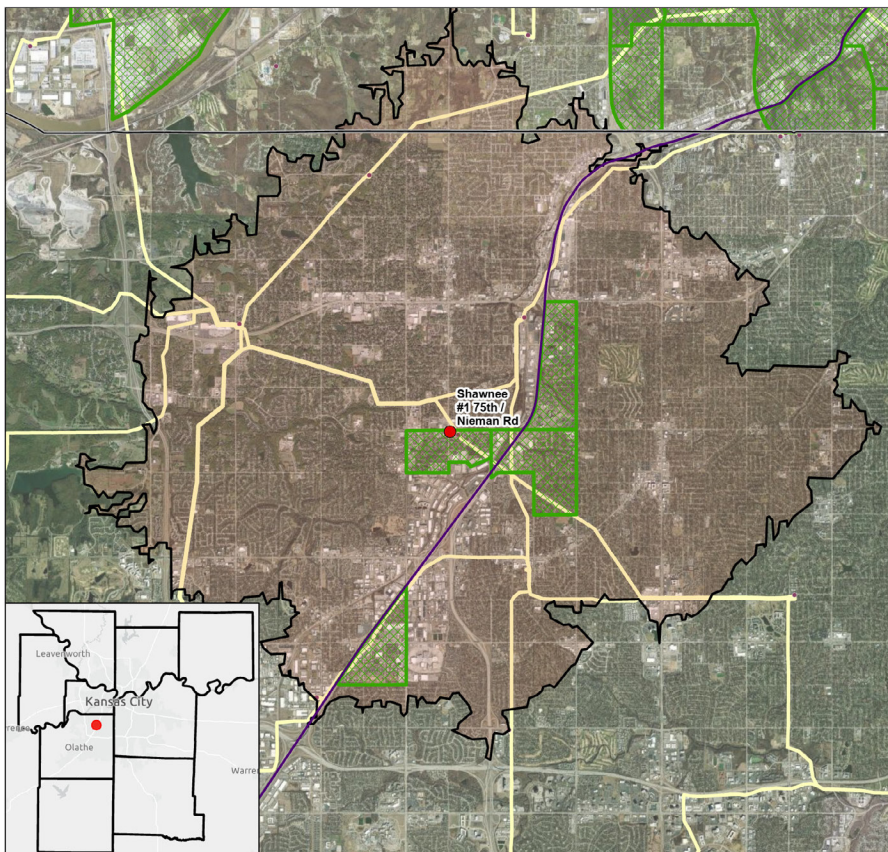
Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 19,386
Work trips: 59,682
Multi-Family Housing: 17,075
2030 Total EVs: 3,222
2035 Total EVs: 5,976
Renter Occupied Housing Units: 24,735
Total Population: 135,566
Nearest Substation Distance: 0.21 miles

Location Details:
County: Johnson County
City: Roeland Park

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



Supporting Data and Demographics
(within 3 mile driving distance)
Long-Term Visitors: 19,912
Work trips: 43,270
Multi-Family Housing: 15,416
2030 Total EVs: 4,063
2035 Total EVs: 7,754
Renter Occupied Housing Units: 24,613
Total Population: 144,219
Nearest Substation Distance: 0.1 miles

Location Details:
County: Johnson County
City: Shawnee

Legend

- Counties
- Alternative Fuel Corridors
- Disadvantaged Census Tracts
- Substations
- Transmission Lines
- Primary and Secondary Roads 2023
- 3 Mile Driving Distance
- Proposed EV Charging Station

MARC/local jurisdictions, Maxar, Missouri DNR, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS





8.3 Survey #1 Results

8.3.1 MARC LRTP 2024 Survey, EV Questions

This survey was conducted by ETC Institute in May 2024 for the Mid-America Regional Council (MARC). Results were provided to WSP by MARC for inclusion in the Kansas City Regional EV Readiness Plan.

Q6. How likely are you to purchase an electric vehicle (EV)?

Q6. How likely are you to purchase an electric vehicle	Number	Percent
I plan to purchase an EV in the next year	15	0.8 %
I plan to purchase an EV in the next 5 years	169	9.5 %
I plan to purchase an EV in the next 10 years	90	5.1 %
I have some interest in getting an EV in the future, but not sure when	535	30.2 %
I have no interest in buying an EV	881	49.8 %
I already own an EV	53	3.0 %
Not provided	27	1.5 %
Total	1770	100.0 %

Missing Cases = 0

Response Percent = 100.0 %

Q6. How likely are you to purchase an electric vehicle (EV)? (without "not provided")

Q6. How likely are you to purchase an electric vehicle	Number	Percent
I plan to purchase an EV in the next year	15	0.9 %
I plan to purchase an EV in the next 5 years	169	9.7 %
I plan to purchase an EV in the next 10 years	90	5.2 %
I have some interest in getting an EV in the future, but not sure when	535	30.7 %
I have no interest in buying an EV	881	50.5 %
I already own an EV	53	3.0 %
Total	1743	100.0 %

Missing Cases = 27

Response Percent = 98.5 %

Q6a. Listed below are potential barriers to your household's ownership of an electric vehicle (EV). For each potential barrier, please indicate whether you believe it is a "Major Barrier," "Minor Barrier," or "Not a Barrier" to you and your household's ownership of an electric vehicle.

(N=1770)

	Major barrier	Minor barrier	Not a barrier	Not provided
Q6a-1. Not enough public charging stations	47.9%	25.6%	18.0%	8.5%
Q6a-2. Vehicle purchase price	59.9%	19.2%	13.8%	7.2%
Q6a-3. Insufficient driving range	55.3%	22.9%	14.5%	7.4%
Q6a-4. Don't know enough about EVs to buy one	12.7%	21.6%	55.5%	10.2%
Q6a-5. Nowhere to charge it at home/no dedicated parking area	39.2%	19.3%	33.3%	8.2%
Q6a-6. Cost of charging the vehicle at home	33.1%	24.7%	32.8%	9.4%
Q6a-7. Long charging times	50.3%	23.7%	17.7%	8.2%
Q6a-8. Lack of options among plug-in vehicle models currently offered	31.8%	27.1%	29.3%	11.8%
Q6a-9. Higher state registration fees for EVs	35.4%	22.8%	27.6%	14.2%
Q6a-10. Difficult to use technology	14.1%	21.8%	53.6%	10.5%
Q6a-11. Safety	22.8%	20.3%	43.8%	13.2%
Q6a-12. Other	11.9%	1.2%	2.0%	85.0%

Q6a. Listed below are potential barriers to your household's ownership of an electric vehicle (EV). For each potential barrier, please indicate whether you believe it is a "Major Barrier," "Minor Barrier," or "Not a Barrier" to you and your household's ownership of an electric vehicle. (without "not provided")

(N=1770)

	Major barrier	Minor barrier	Not a barrier
Q6a-1. Not enough public charging stations	52.3%	28.0%	19.6%
Q6a-2. Vehicle purchase price	64.5%	20.6%	14.9%
Q6a-3. Insufficient driving range	59.7%	24.7%	15.6%
Q6a-4. Don't know enough about EVs to buy one	14.2%	24.0%	61.8%
Q6a-5. Nowhere to charge it at home/no dedicated parking area	42.7%	21.0%	36.3%
Q6a-6. Cost of charging the vehicle at home	36.5%	27.3%	36.2%
Q6a-7. Long charging times	54.8%	25.9%	19.3%
Q6a-8. Lack of options among plug-in vehicle models currently offered	36.1%	30.7%	33.2%
Q6a-9. Higher state registration fees for EVs	41.2%	26.6%	32.1%
Q6a-10. Difficult to use technology	15.8%	24.4%	59.8%
Q6a-11. Safety	26.2%	23.4%	50.4%
Q6a-12. Other	78.9%	7.9%	13.2%

Q7. Which THREE barriers from the list in Question 6a do you think impact your decision THE MOST?

Q7. Top choice	Number	Percent
Not enough public charging stations	226	12.8 %
Vehicle purchase price	548	31.0 %
Insufficient driving range	332	18.8 %
Don't know enough about EVs to buy one	46	2.6 %
Nowhere to charge it at home/no dedicated parking area	74	4.2 %
Cost of charging the vehicle at home	27	1.5 %
Long charging times	33	1.9 %
Lack of options among plug-in vehicle models currently offered	17	1.0 %
Higher state registration fees for EVs	26	1.5 %
Difficult to use technology	3	0.2 %
Safety	69	3.9 %
Other	133	7.5 %
None chosen	236	13.3 %
Total	1770	100.0 %

Missing Cases = 0

Q7. Which THREE barriers from the list in Question 6a do you think impact your decision THE MOST?

<u>Q7. 2nd choice</u>	<u>Number</u>	<u>Percent</u>
Not enough public charging stations	233	13.2 %
Vehicle purchase price	221	12.5 %
Insufficient driving range	315	17.8 %
Don't know enough about EVs to buy one	67	3.8 %
Nowhere to charge it at home/no dedicated parking area	157	8.9 %
Cost of charging the vehicle at home	102	5.8 %
Long charging times	178	10.1 %
Lack of options among plug-in vehicle models currently offered	49	2.8 %
Higher state registration fees for EVs	49	2.8 %
Difficult to use technology	9	0.5 %
Safety	53	3.0 %
Other	27	1.5 %
<u>None chosen</u>	<u>310</u>	<u>17.5 %</u>
Total	1770	100.0 %

Missing Cases = 0

Q7. Which THREE barriers from the list in Question 6a do you think impact your decision THE MOST?

<u>Q7. 3rd choice</u>	<u>Number</u>	<u>Percent</u>
Not enough public charging stations	156	8.8 %
Vehicle purchase price	137	7.7 %
Insufficient driving range	174	9.8 %
Don't know enough about EVs to buy one	57	3.2 %
Nowhere to charge it at home/no dedicated parking area	127	7.2 %
Cost of charging the vehicle at home	138	7.8 %
Long charging times	245	13.8 %
Lack of options among plug-in vehicle models currently offered	102	5.8 %
Higher state registration fees for EVs	101	5.7 %
Difficult to use technology	16	0.9 %
Safety	62	3.5 %
Other	46	2.6 %
<u>None chosen</u>	<u>409</u>	<u>23.1 %</u>
Total	1770	100.0 %

Missing Cases = 0

Q7. Which THREE barriers from the list in Question 6a do you think impact your decision THE MOST?
(top 3)

<u>Q7. Top choice</u>	<u>Number</u>	<u>Percent</u>
Not enough public charging stations	615	34.7 %
Vehicle purchase price	906	51.2 %
Insufficient driving range	821	46.4 %
Don't know enough about EVs to buy one	170	9.6 %
Nowhere to charge it at home/no dedicated parking area	358	20.2 %
Cost of charging the vehicle at home	267	15.1 %
Long charging times	456	25.8 %
Lack of options among plug-in vehicle models currently offered	168	9.5 %
Higher state registration fees for EVs	176	9.9 %
Difficult to use technology	28	1.6 %
Safety	184	10.4 %
Other	206	11.6 %
<u>None chosen</u>	<u>236</u>	<u>13.3 %</u>
Total	4591	

Number of Cases = 1770

Number of Responses = 4591

Average Number Of Responses Per Case = 2.6

Number Of Cases With At Least One Response = 1770

Response Percent = 100.0 %



8.4 Survey #2 Results

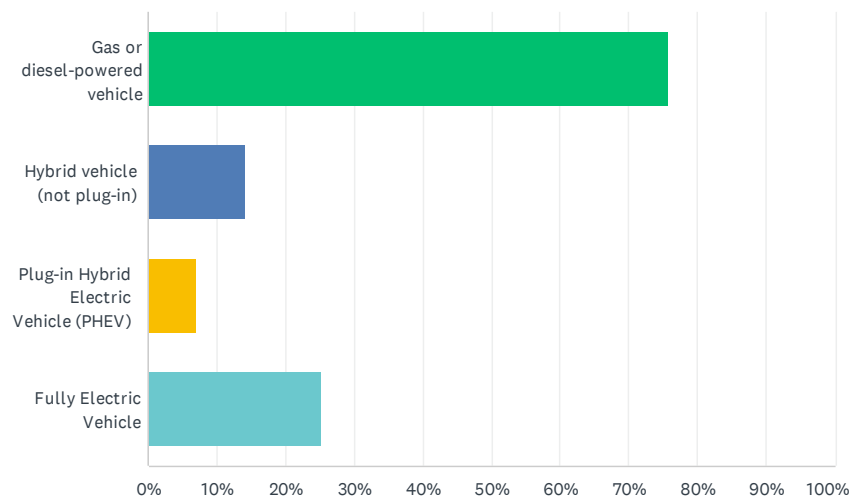
8.4.1 Vireo Public Opinion Survey, Fall 2024

The following online public opinion survey was conducted by Vireo in Fall of 2024 as part of a comprehensive public outreach effort for the Kansas City Regional EV Readiness Plan. Results are not representative and no additional data analysis has been performed.

KC Regional Electric Vehicle (EV) Readiness Plan - Opinion Survey

Q1 Which of the following do you currently own or lease? Select all that apply.

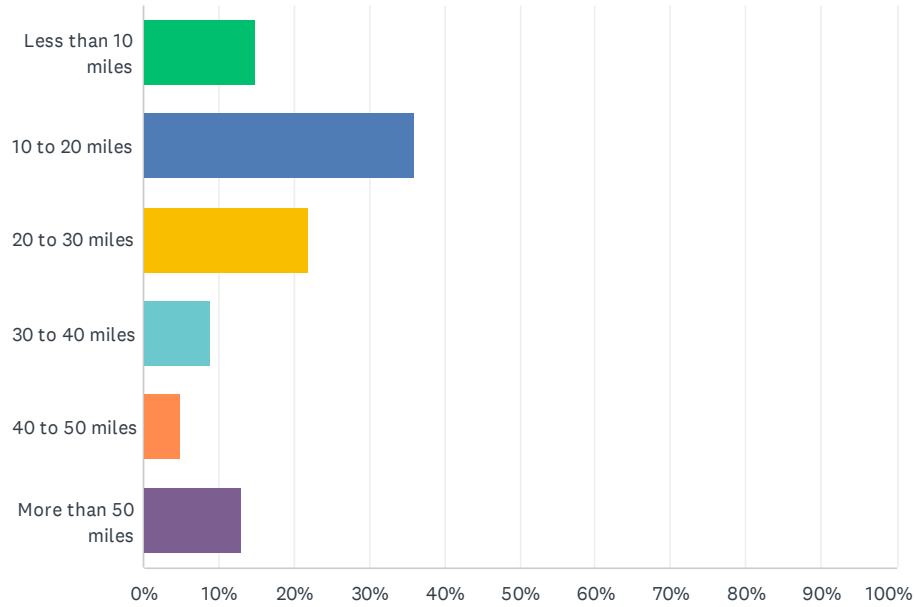
Answered: 99 Skipped: 2



ANSWER CHOICES	RESPONSES	
Gas or diesel-powered vehicle	75.76%	75
Hybrid vehicle (not plug-in)	14.14%	14
Plug-in Hybrid Electric Vehicle (PHEV)	7.07%	7
Fully Electric Vehicle	25.25%	25
Total Respondents: 99		

Q2 Approximately how many miles do you drive each day?

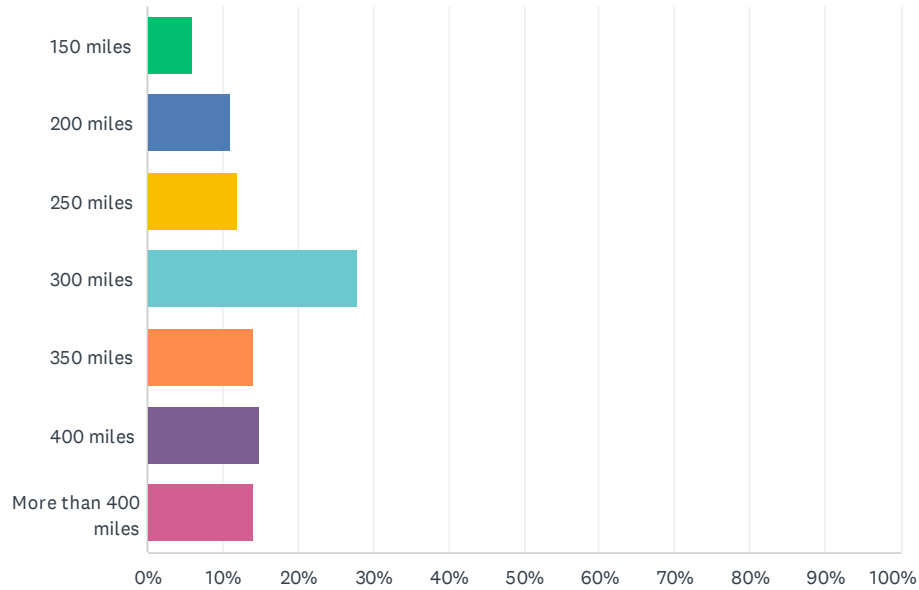
Answered: 100 Skipped: 1



ANSWER CHOICES	RESPONSES	
Less than 10 miles	15.00%	15
10 to 20 miles	36.00%	36
20 to 30 miles	22.00%	22
30 to 40 miles	9.00%	9
40 to 50 miles	5.00%	5
More than 50 miles	13.00%	13
TOTAL		100

Q3 Think about how many miles you can drive on a full tank of gas. Then think about driving an EV. How many miles would you like to be able to drive on a single EV charge?

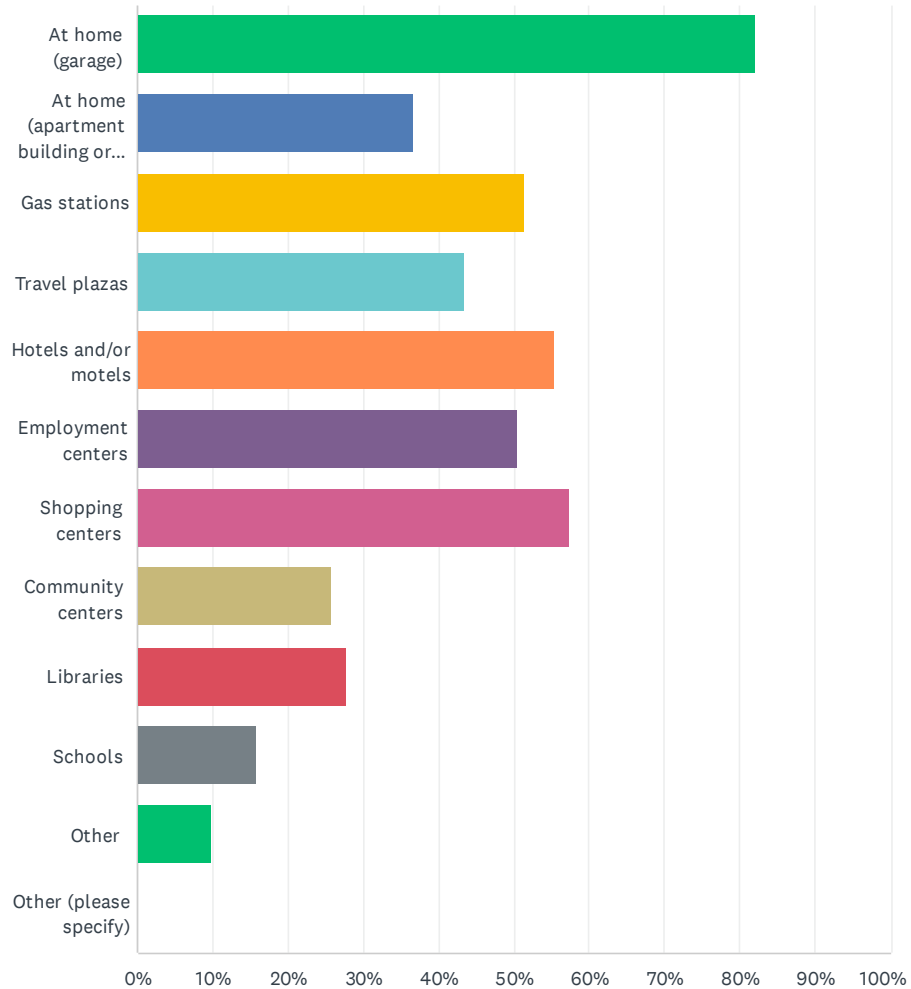
Answered: 100 Skipped: 1



ANSWER CHOICES	RESPONSES	
150 miles	6.00%	6
200 miles	11.00%	11
250 miles	12.00%	12
300 miles	28.00%	28
350 miles	14.00%	14
400 miles	15.00%	15
More than 400 miles	14.00%	14
TOTAL		100

Q4 Where would you expect to find EV charging locations most often? Select up to four responses.

Answered: 101 Skipped: 0



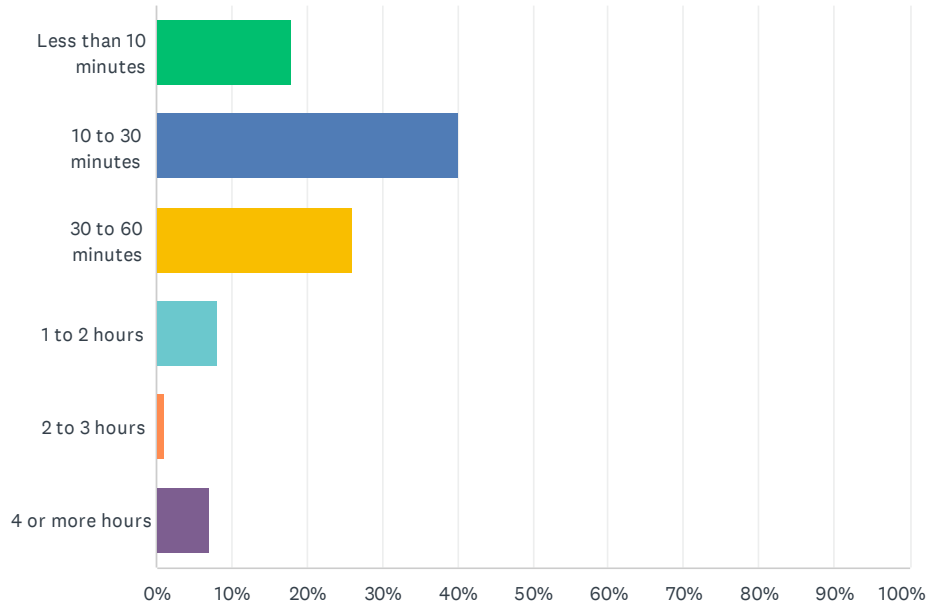
KC Regional Electric Vehicle (EV) Readiness Plan - Opinion Survey

ANSWER CHOICES	RESPONSES	
At home (garage)	82.18%	83
At home (apartment building or townhouse parking area)	36.63%	37
Gas stations	51.49%	52
Travel plazas	43.56%	44
Hotels and/or motels	55.45%	56
Employment centers	50.50%	51
Shopping centers	57.43%	58
Community centers	25.74%	26
Libraries	27.72%	28
Schools	15.84%	16
Other	9.90%	10
Other (please specify)	0.00%	0
Total Respondents: 101		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q5 How long are you willing to wait for an EV battery to fully charge?

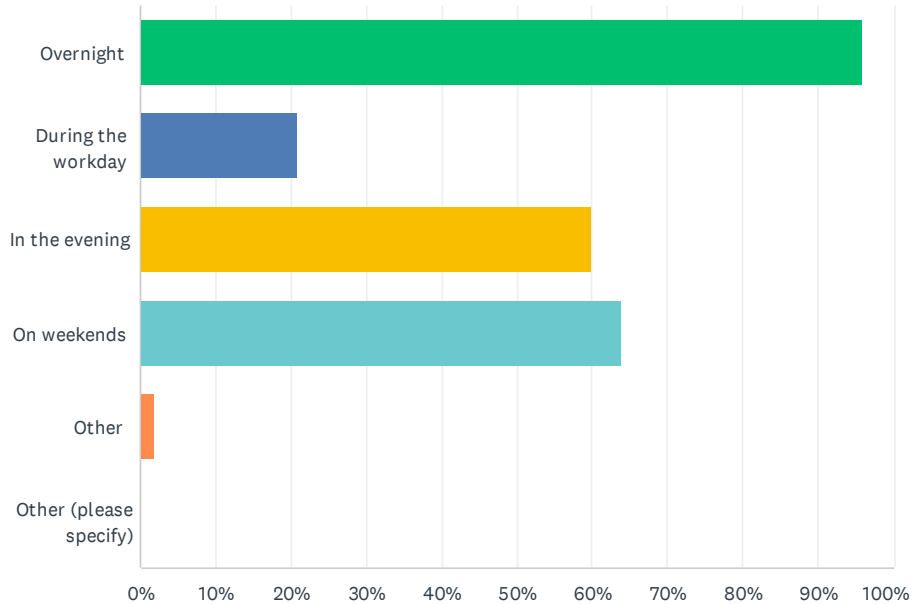
Answered: 100 Skipped: 1



ANSWER CHOICES	RESPONSES	
Less than 10 minutes	18.00%	18
10 to 30 minutes	40.00%	40
30 to 60 minutes	26.00%	26
1 to 2 hours	8.00%	8
2 to 3 hours	1.00%	1
4 or more hours	7.00%	7
TOTAL		100

Q6 It may be possible to charge your EV while you're at home. Generally, what times of day are you typically there? Select all that apply.

Answered: 100 Skipped: 1

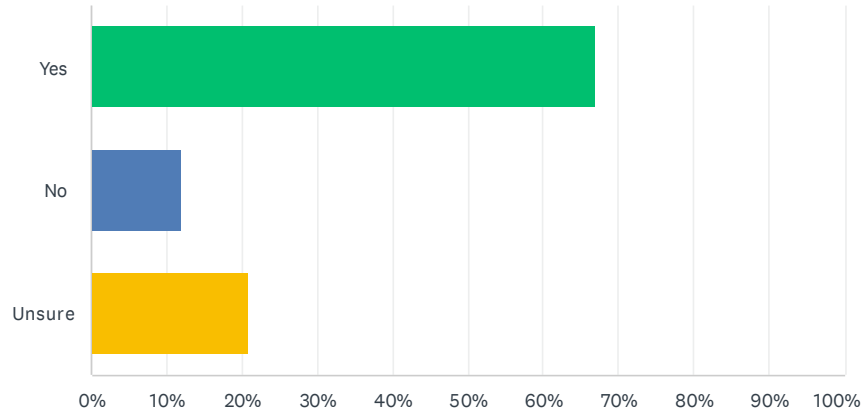


ANSWER CHOICES	RESPONSES	
Overnight	96.00%	96
During the workday	21.00%	21
In the evening	60.00%	60
On weekends	64.00%	64
Other	2.00%	2
Other (please specify)	0.00%	0
Total Respondents: 100		

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q7 If you needed to charge an EV battery away from home, would you be willing to pay more for charging times that were faster than 30 minutes?

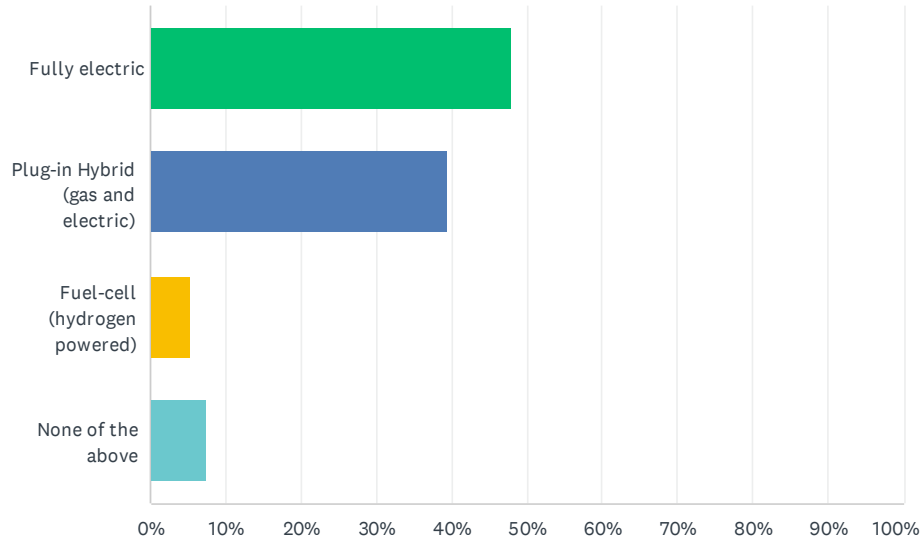
Answered: 100 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	67.00%	67
No	12.00%	12
Unsure	21.00%	21
TOTAL		100

Q8 Which of the following types of EVs appeals to you most?

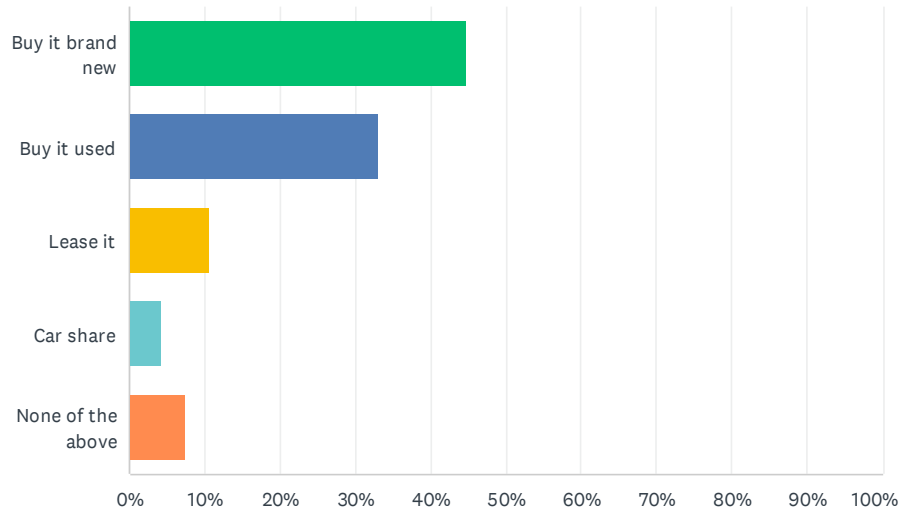
Answered: 94 Skipped: 7



ANSWER CHOICES	RESPONSES	
Fully electric	47.87%	45
Plug-in Hybrid (gas and electric)	39.36%	37
Fuel-cell (hydrogen powered)	5.32%	5
None of the above	7.45%	7
TOTAL		94

Q9 Which EV purchasing option appeals to you most?

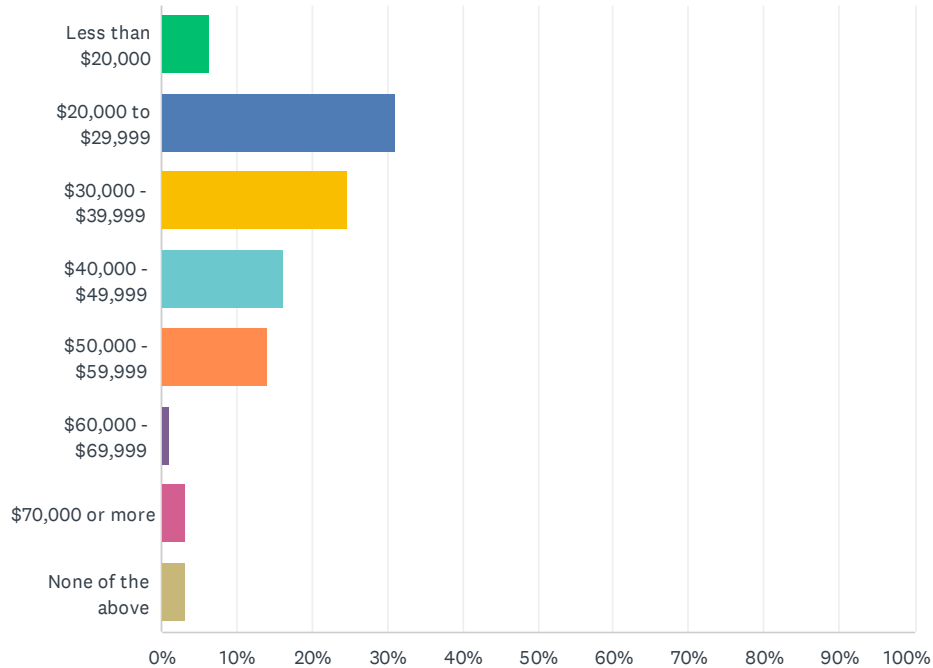
Answered: 94 Skipped: 7



ANSWER CHOICES	RESPONSES	
Buy it brand new	44.68%	42
Buy it used	32.98%	31
Lease it	10.64%	10
Car share	4.26%	4
None of the above	7.45%	7
TOTAL		94

Q10 How much money do you anticipate spending on your next vehicle?

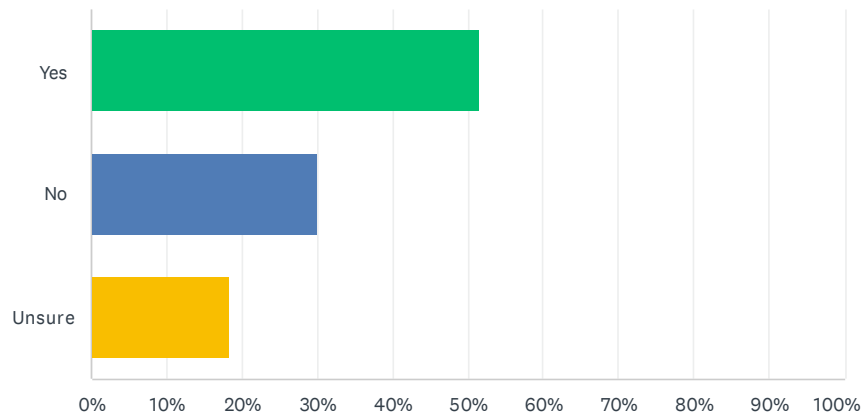
Answered: 93 Skipped: 8



ANSWER CHOICES	RESPONSES	
Less than \$20,000	6.45%	6
\$20,000 to \$29,999	31.18%	29
\$30,000 - \$39,999	24.73%	23
\$40,000 - \$49,999	16.13%	15
\$50,000 - \$59,999	13.98%	13
\$60,000 - \$69,999	1.08%	1
\$70,000 or more	3.23%	3
None of the above	3.23%	3
TOTAL		93

Q11 According to Kelley Blue Book, the average cost for an electric car is \$55,242 (as of April 2024) as compared to \$44,989 for a gas-powered vehicle. Prices also dropped 9% during the first quarter of 2024. With pricing in mind, would you consider purchasing an EV?

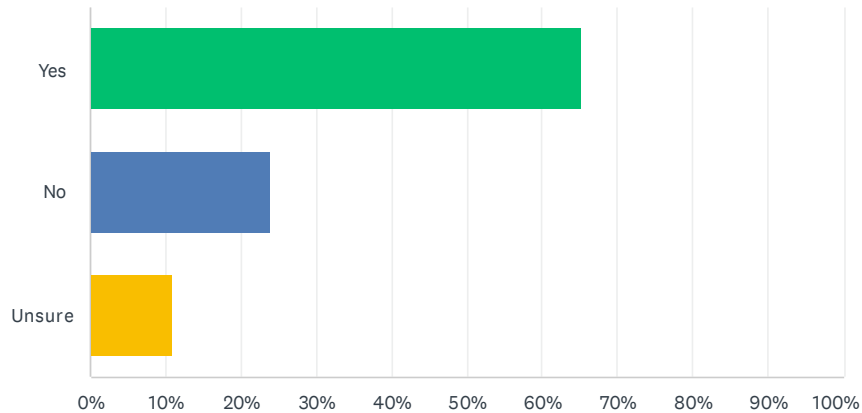
Answered: 93 Skipped: 8



ANSWER CHOICES	RESPONSES	
Yes	51.61%	48
No	30.11%	28
Unsure	18.28%	17
TOTAL		93

Q12 Everygy offers \$500 rebates for faster EV charging at home via an approved and installed 240-volt outlet or hardwired charging station. Would the availability of at-home EV charging rebates encourage you to purchase an electric vehicle?

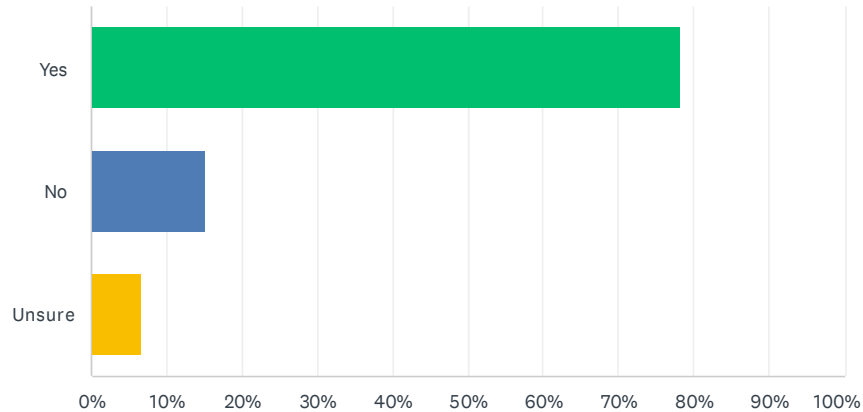
Answered: 92 Skipped: 9



ANSWER CHOICES	RESPONSES	
Yes	65.22%	60
No	23.91%	22
Unsure	10.87%	10
TOTAL		92

Q13 The U.S. government offers a tax credit of up to \$7,500 toward purchasing an EV. Would the availability of tax credits encourage you to buy an electric vehicle?

Answered: 92 Skipped: 9

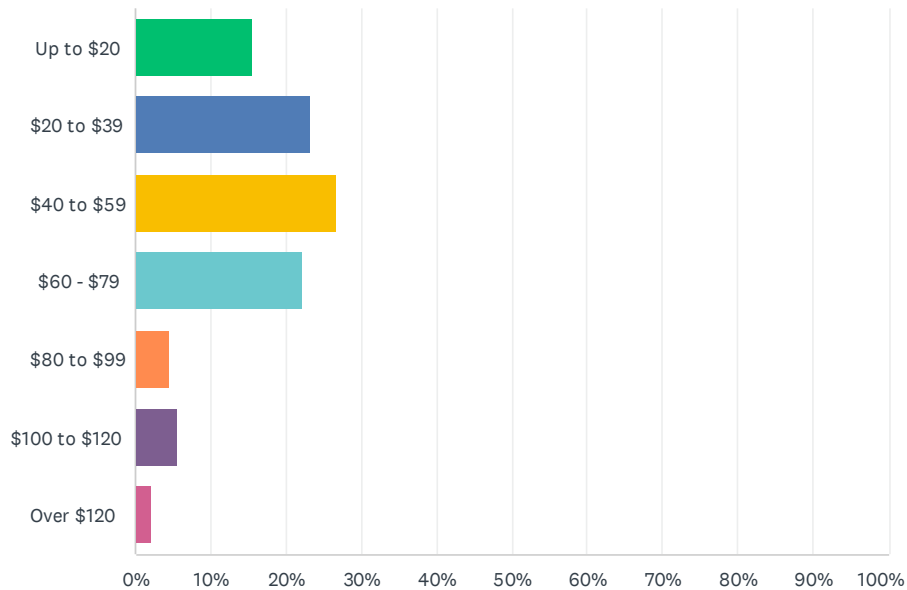


ANSWER CHOICES		RESPONSES	
Yes		78.26%	72
No		15.22%	14
Unsure		6.52%	6
TOTAL			92

Q14 Most EV owners charge their vehicles at home. National data from September 2023 suggests EV drivers pay about 5 to 6 cents per mile. Their monthly electric bills increase \$60 to \$72 (if they drive 1,200 miles each month). Drivers of gas-powered vehicles pay 15 centers per mile.

What amount of electric bill increase due to EV charging would be affordable for you?

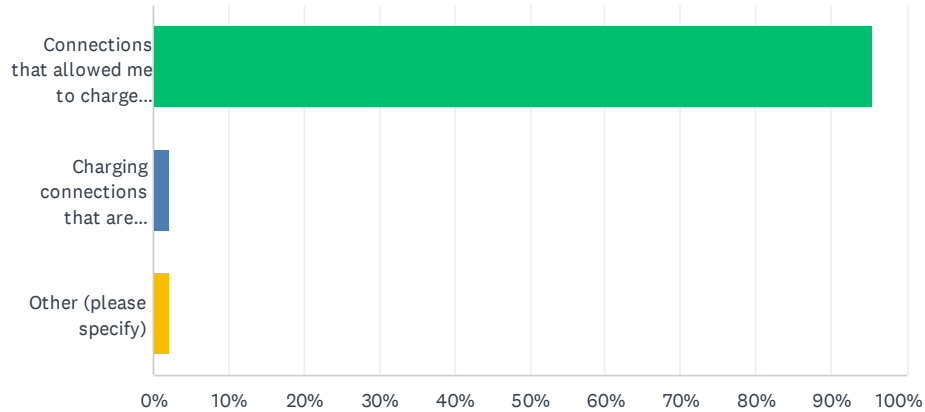
Answered: 90 Skipped: 11



ANSWER CHOICES	RESPONSES	
Up to \$20	15.56%	14
\$20 to \$39	23.33%	21
\$40 to \$59	26.67%	24
\$60 - \$79	22.22%	20
\$80 to \$99	4.44%	4
\$100 to \$120	5.56%	5
Over \$120	2.22%	2
TOTAL		90

Q15 If you owned an EV, what type of charging connections would you prefer most?

Answered: 91 Skipped: 10

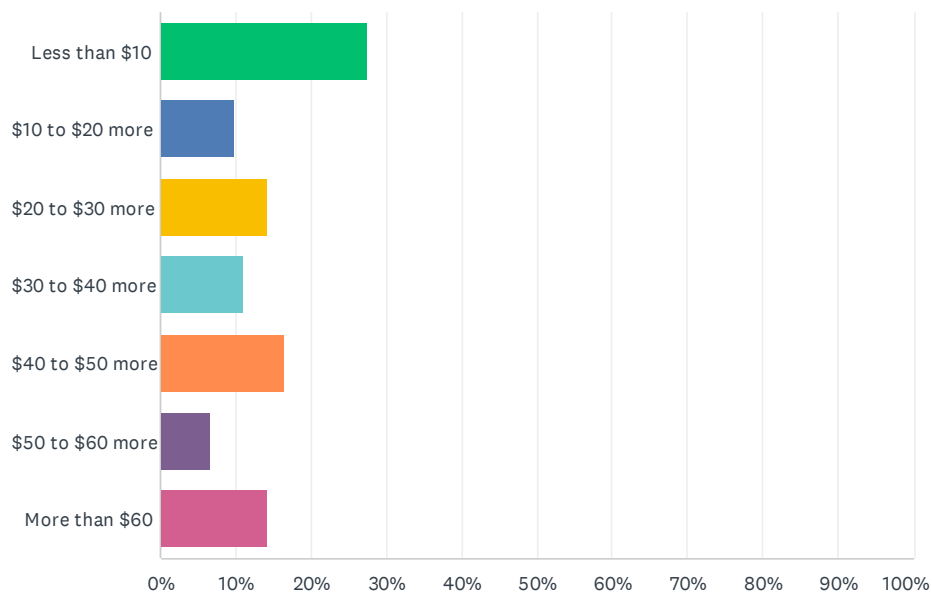


ANSWER CHOICES		RESPONSES	
Connections that allowed me to charge anywhere		95.60%	87
Charging connections that are dedicated to my vehicle make and/or model		2.20%	2
Other (please specify)		2.20%	2
TOTAL			91

#	OTHER (PLEASE SPECIFY)	DATE
1	I already own an EV	9/18/2024 3:31 PM
2	Will never own one	8/17/2024 4:56 PM

Q16 It costs more to register an EV than a gas-powered one. For example, in Kansas, it costs \$100 to register an EV and \$50 for an electric-hybrid vehicle or plug-in hybrid. Gas-powered Kansas vehicles can be registered for \$30 to \$40 (depending on their weight). Passenger vehicles in Missouri pay an alternative fuel vehicle decal fee of \$75. Gas-powered Missouri vehicles can be registered annually for \$18.25 to \$51.25 (depending on the amount of horsepower the vehicle produces). What additional cost to register an EV would be affordable for you?

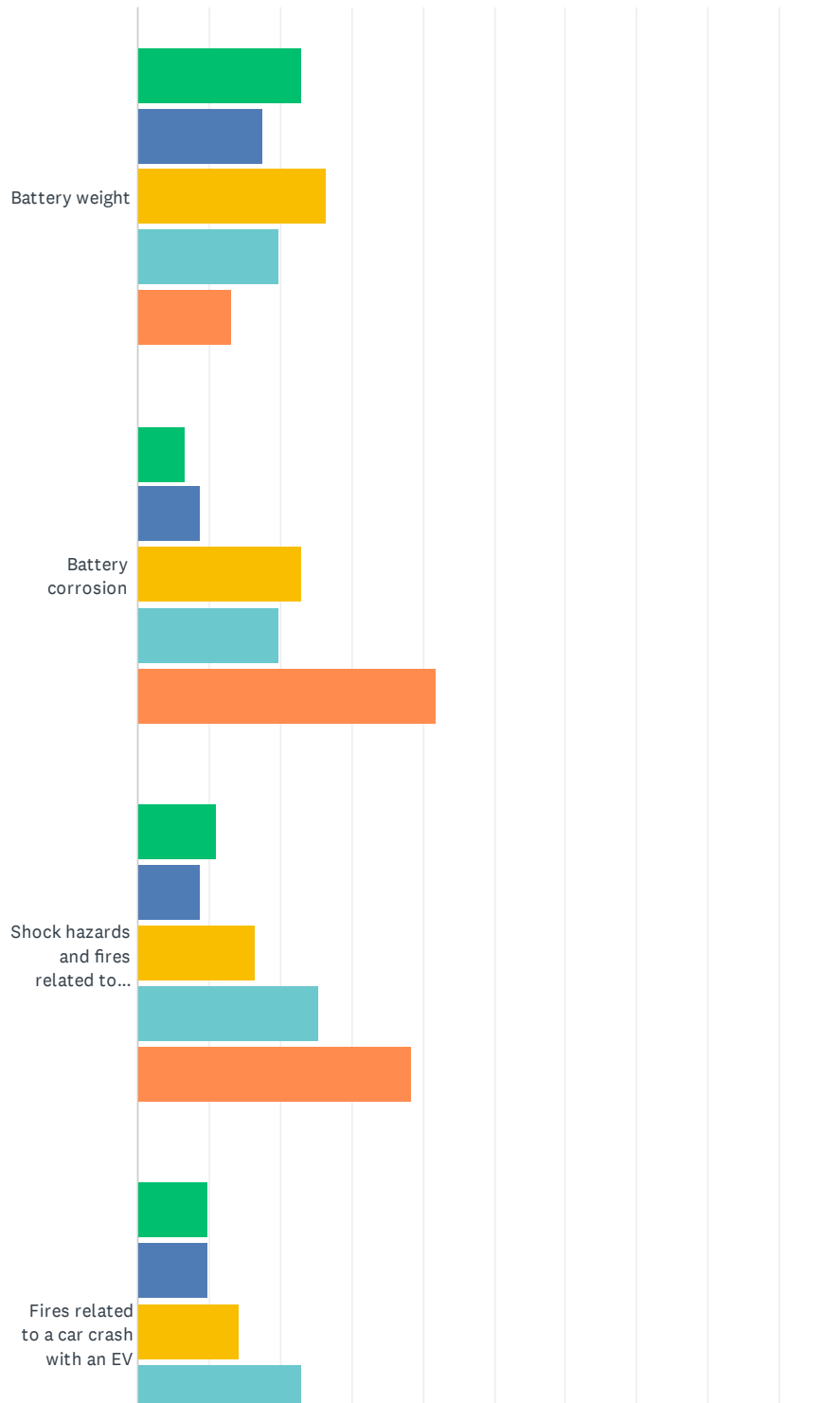
Answered: 91 Skipped: 10



ANSWER CHOICES	RESPONSES	
Less than \$10	27.47%	25
\$10 to \$20 more	9.89%	9
\$20 to \$30 more	14.29%	13
\$30 to \$40 more	10.99%	10
\$40 to \$50 more	16.48%	15
\$50 to \$60 more	6.59%	6
More than \$60	14.29%	13
TOTAL		91

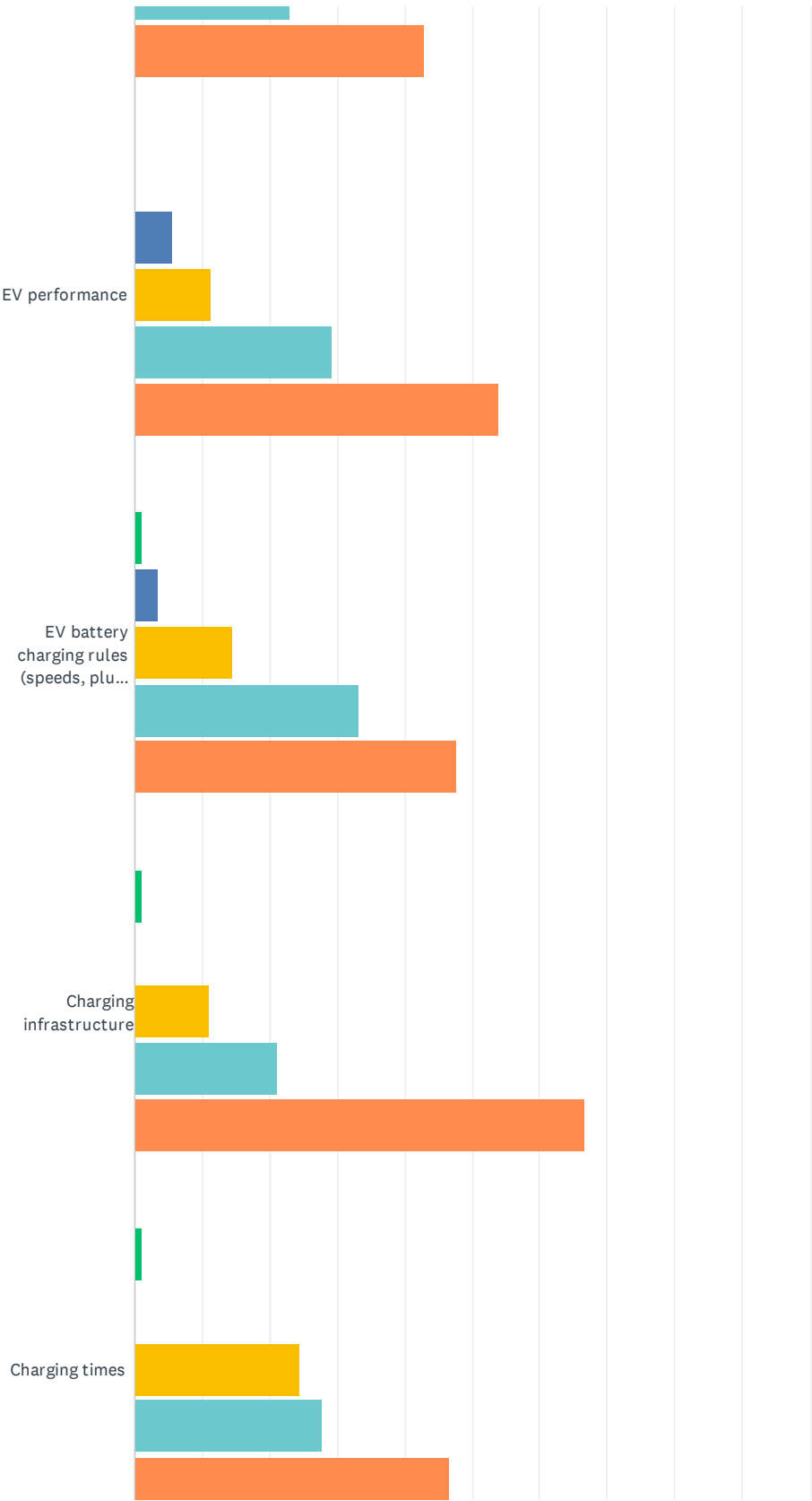
Q17 How important are the following EV features to you?

Answered: 91 Skipped: 10

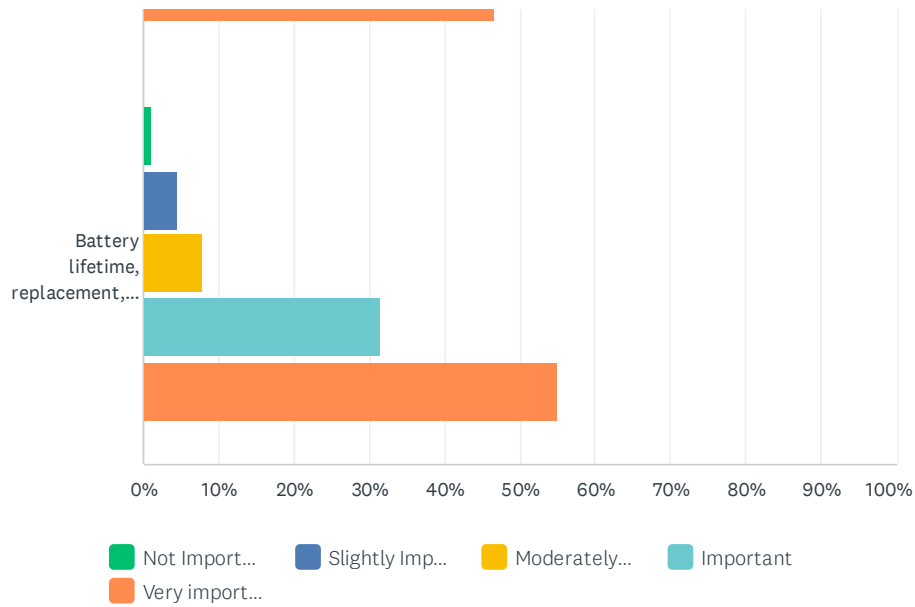


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KC Regional Electric Vehicle (EV) Readiness Plan - Opinion Survey



KC Regional Electric Vehicle (EV) Readiness Plan - Opinion Survey



	NOT IMPORTANT	SLIGHTLY IMPORTANT	MODERATELY IMPORTANT	IMPORTANT	VERY IMPORTANT	TOTAL	WEIGHTED AVERAGE
Battery weight	23.08% 21	17.58% 16	26.37% 24	19.78% 18	13.19% 12	91	2.82
Battery corrosion	6.59% 6	8.79% 8	23.08% 21	19.78% 18	41.76% 38	91	3.81
Shock hazards and fires related to flooded EV batteries	10.99% 10	8.79% 8	16.48% 15	25.27% 23	38.46% 35	91	3.71
Fires related to a car crash with an EV	9.89% 9	9.89% 9	14.29% 13	23.08% 21	42.86% 39	91	3.79
EV performance	0.00% 0	5.62% 5	11.24% 10	29.21% 26	53.93% 48	89	4.31
EV battery charging rules (speeds, plug types, locations)	1.11% 1	3.33% 3	14.44% 13	33.33% 30	47.78% 43	90	4.23
Charging infrastructure	1.11% 1	0.00% 0	11.11% 10	21.11% 19	66.67% 60	90	4.52
Charging times	1.11% 1	0.00% 0	24.44% 22	27.78% 25	46.67% 42	90	4.19
Battery lifetime, replacement, and/or disposal	1.12% 1	4.49% 4	7.87% 7	31.46% 28	55.06% 49	89	4.35

#	OTHER (PLEASE SPECIFY)	DATE
1	cargo space/storage space within car	9/23/2024 4:21 PM
2	Battery Material -- Very Important	9/23/2024 2:03 PM
3	Charging station safety and ease of use is important also. I'm concerned with having a curb right behind my heels when I'm trying to connect or disconnect the plug from my car. I've already fallen backwards once when the plug popped out unexpectedly in my hands. The	9/10/2024 11:41 PM

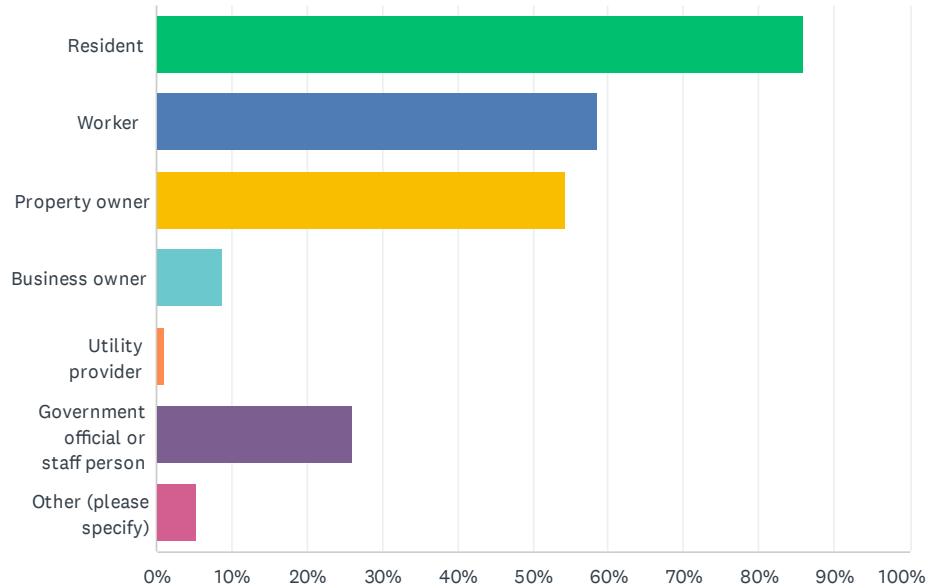
KC Regional Electric Vehicle (EV) Readiness Plan - Opinion Survey

stations should have a flat, urb free area. I actually had to go to the emergency because of a large lump on my head that I sustained when I fell. sustained. Also some of the companies that supply charging stations have extremely heavy plugs to wrestle. Older people and the handicap are going to have a lot of difficulty charging their cars

4	A power grid that supports more EVs, price of purchase, and range.	9/4/2024 11:50 AM
5	Clearly state mileage and life of vehicle vs life of battery and environmental hazards for battery disposal at end of life.	9/4/2024 8:20 AM
6	Maintenance and maintenance facilities	8/29/2024 2:44 PM
7	Amenities of the vehicle	8/22/2024 4:24 PM
8	Would and will not own one	8/17/2024 4:57 PM
9	EV weight (very important) EV safety as it relates to vulnerable road users, i.e. pedestrians, cyclists (very important)	8/16/2024 10:03 PM
10	Environmental benefits	8/16/2024 2:53 PM
11	This question was difficult to answer as hazards and fires aren't features.	8/9/2024 10:51 AM

Q18 How would you describe yourself in relationship to the Kansas City Metro? Select all that apply.

Answered: 92 Skipped: 9

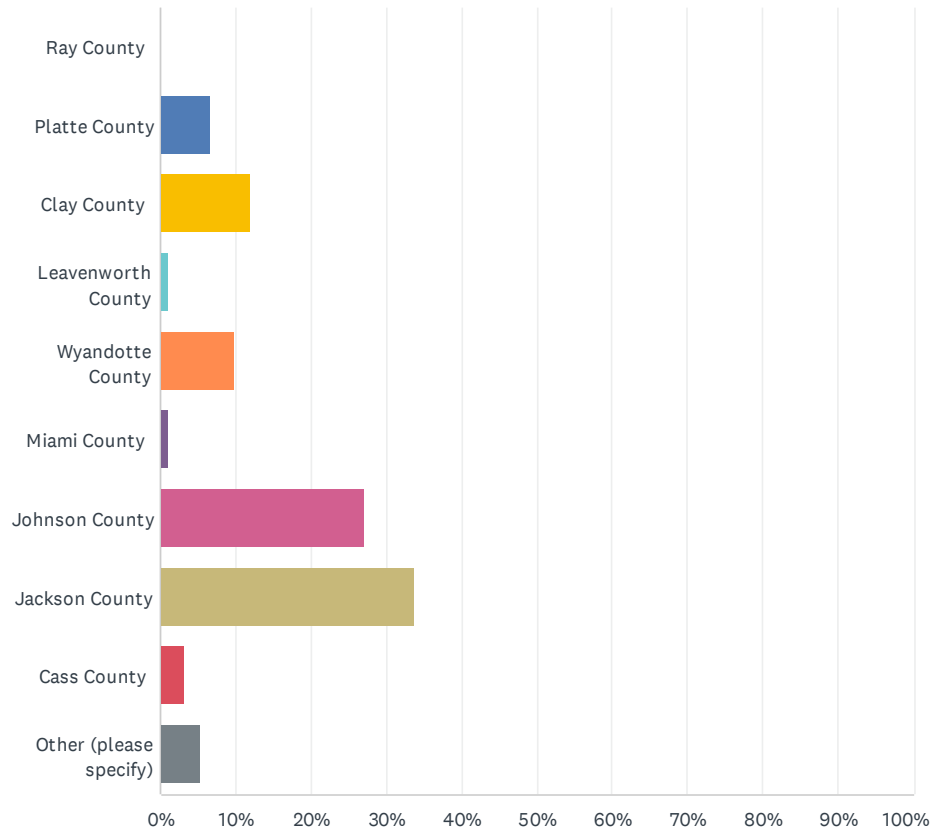


ANSWER CHOICES	RESPONSES	
Resident	85.87%	79
Worker	58.70%	54
Property owner	54.35%	50
Business owner	8.70%	8
Utility provider	1.09%	1
Government official or staff person	26.09%	24
Other (please specify)	5.43%	5
Total Respondents: 92		

#	OTHER (PLEASE SPECIFY)	DATE
1	I	9/26/2024 10:17 PM
2	EV Upfitter and owner in Saint Joseph, MO	9/18/2024 10:54 AM
3	Retired	9/4/2024 3:05 PM
4	I live in Wichita KS	8/31/2024 11:24 AM
5	Maimi county resident	8/17/2024 4:58 PM

Q19 Where do you live?

Answered: 92 Skipped: 9



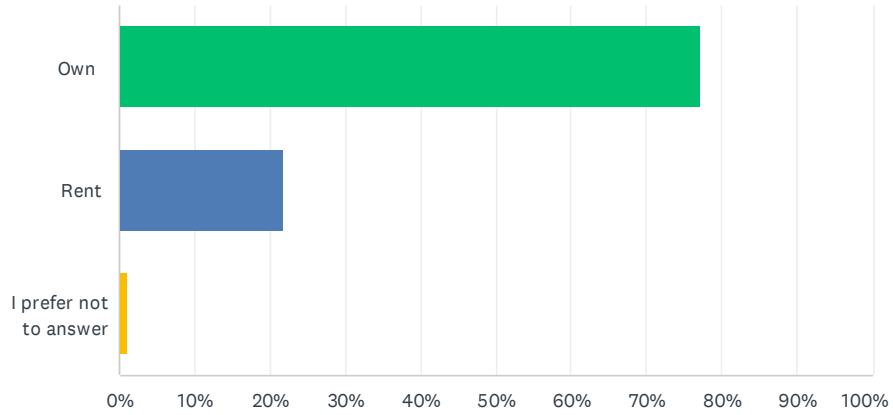
KC Regional Electric Vehicle (EV) Readiness Plan - Opinion Survey

ANSWER CHOICES	RESPONSES
Ray County	0.00% 0
Platte County	6.52% 6
Clay County	11.96% 11
Leavenworth County	1.09% 1
Wyandotte County	9.78% 9
Miami County	1.09% 1
Johnson County	27.17% 25
Jackson County	33.70% 31
Cass County	3.26% 3
Other (please specify)	5.43% 5
TOTAL	92

#	OTHER (PLEASE SPECIFY)	DATE
1	Buchanan	9/18/2024 10:54 AM
2	Sedgewick county	8/31/2024 11:24 AM
3	Douglas County	8/29/2024 3:43 PM
4	Johnson County, MO	8/13/2024 1:39 PM
5	Columbia, MO, own a lightning and drive to KC weekly	8/12/2024 10:09 PM

Q20 Do you own or rent the place where you live?

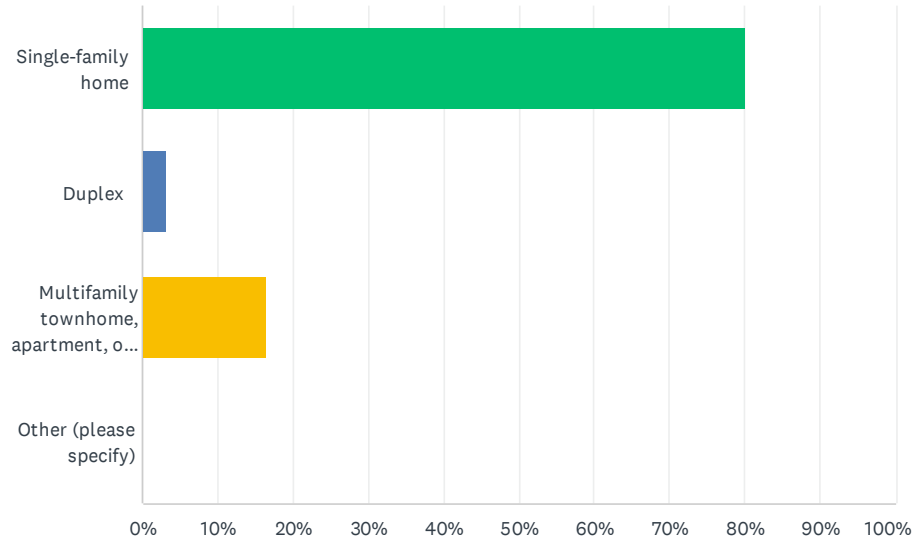
Answered: 92 Skipped: 9



ANSWER CHOICES		RESPONSES	
Own		77.17%	71
Rent		21.74%	20
I prefer not to answer		1.09%	1
TOTAL			92

Q21 What type of dwelling do you currently live in?

Answered: 91 Skipped: 10

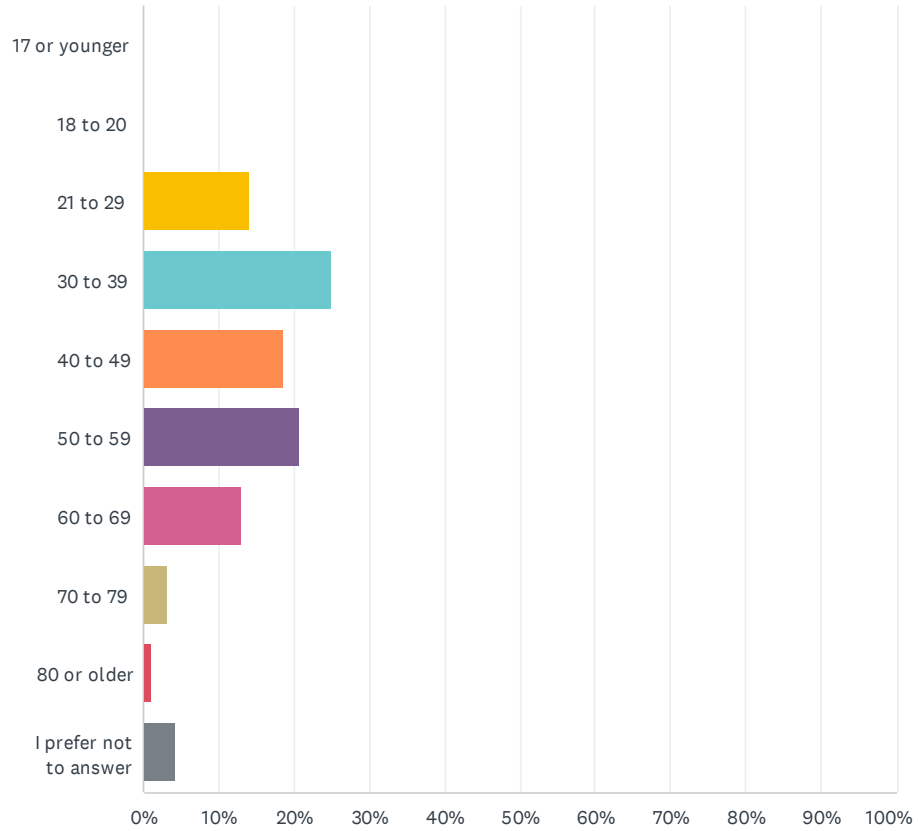


ANSWER CHOICES		RESPONSES	
Single-family home		80.22%	73
Duplex		3.30%	3
Multifamily townhome, apartment, or condominium		16.48%	15
Other (please specify)		0.00%	0
TOTAL			91

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

Q22 What category describes your age?

Answered: 92 Skipped: 9

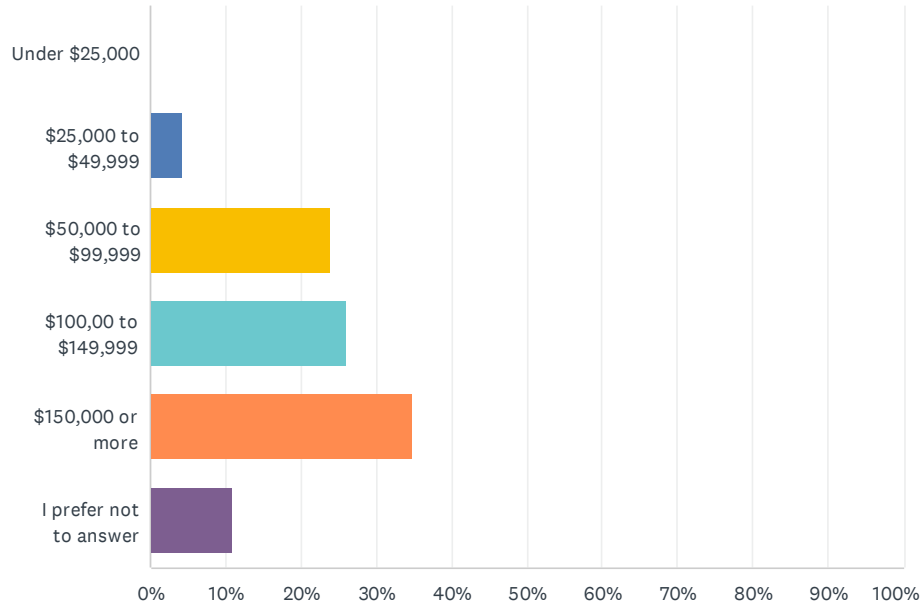


KC Regional Electric Vehicle (EV) Readiness Plan - Opinion Survey

ANSWER CHOICES	RESPONSES	
17 or younger	0.00%	0
18 to 20	0.00%	0
21 to 29	14.13%	13
30 to 39	25.00%	23
40 to 49	18.48%	17
50 to 59	20.65%	19
60 to 69	13.04%	12
70 to 79	3.26%	3
80 or older	1.09%	1
I prefer not to answer	4.35%	4
TOTAL		92

Q23 What is your household income?

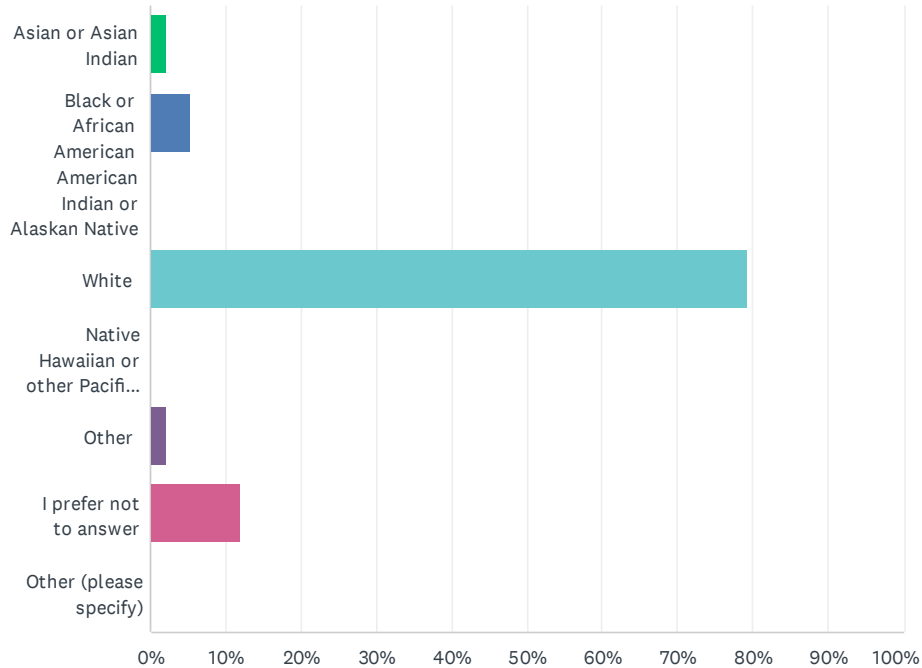
Answered: 92 Skipped: 9



ANSWER CHOICES	RESPONSES	
Under \$25,000	0.00%	0
\$25,000 to \$49,999	4.35%	4
\$50,000 to \$99,999	23.91%	22
\$100,00 to \$149,999	26.09%	24
\$150,000 or more	34.78%	32
I prefer not to answer	10.87%	10
TOTAL		92

Q24 What best describes your race/ethnicity?

Answered: 92 Skipped: 9



ANSWER CHOICES		RESPONSES	
Asian or Asian Indian		2.17%	2
Black or African American		5.43%	5
American Indian or Alaskan Native		0.00%	0
White		79.35%	73
Native Hawaiian or other Pacific Islander		0.00%	0
Other		2.17%	2
I prefer not to answer		11.96%	11
Other (please specify)		0.00%	0
Total Respondents: 92			

#	OTHER (PLEASE SPECIFY)	DATE
	There are no responses.	

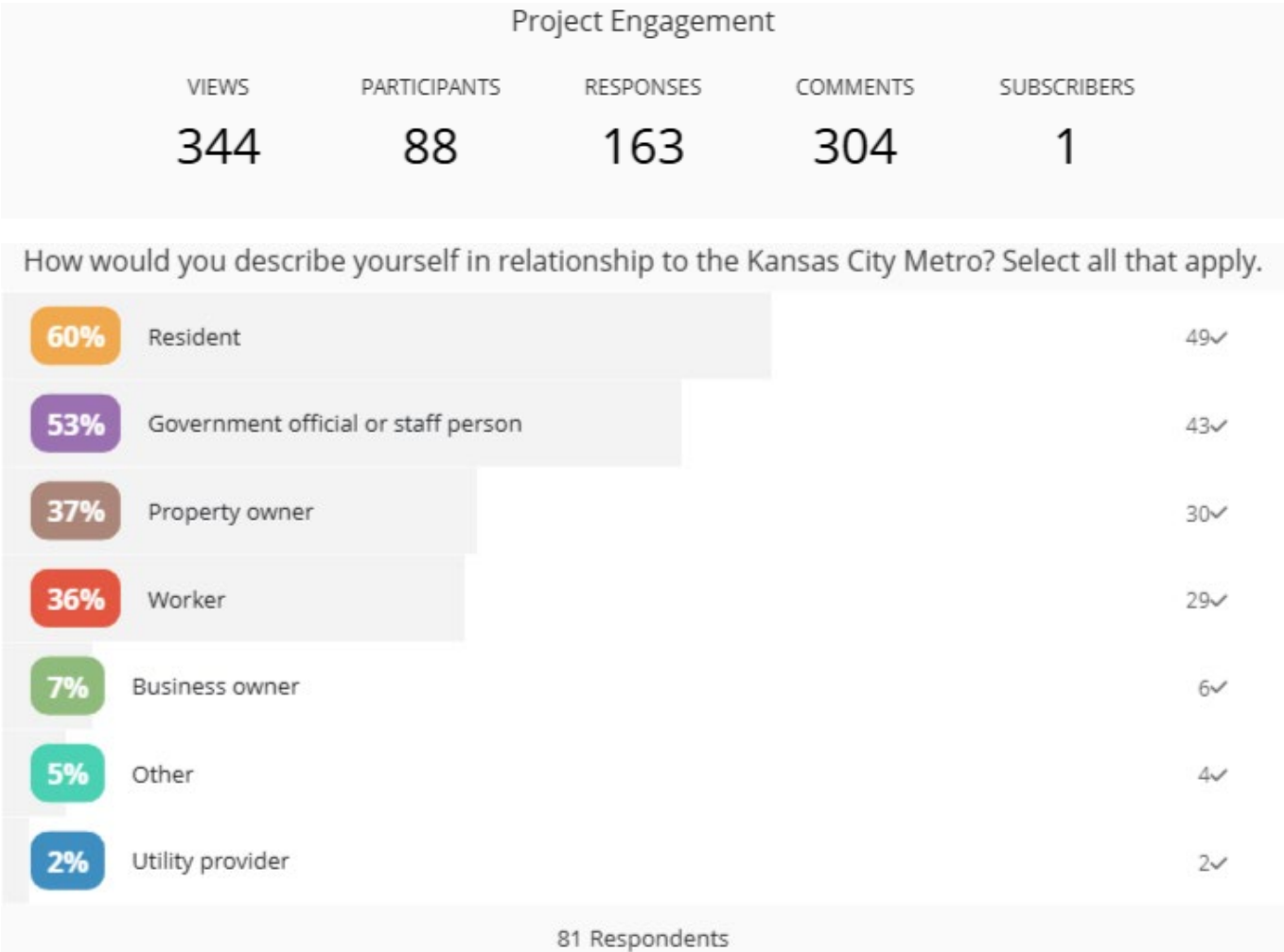


8.5 Survey #3 Results

8.5.1 Vireo Public Mapping Survey, Fall 2024

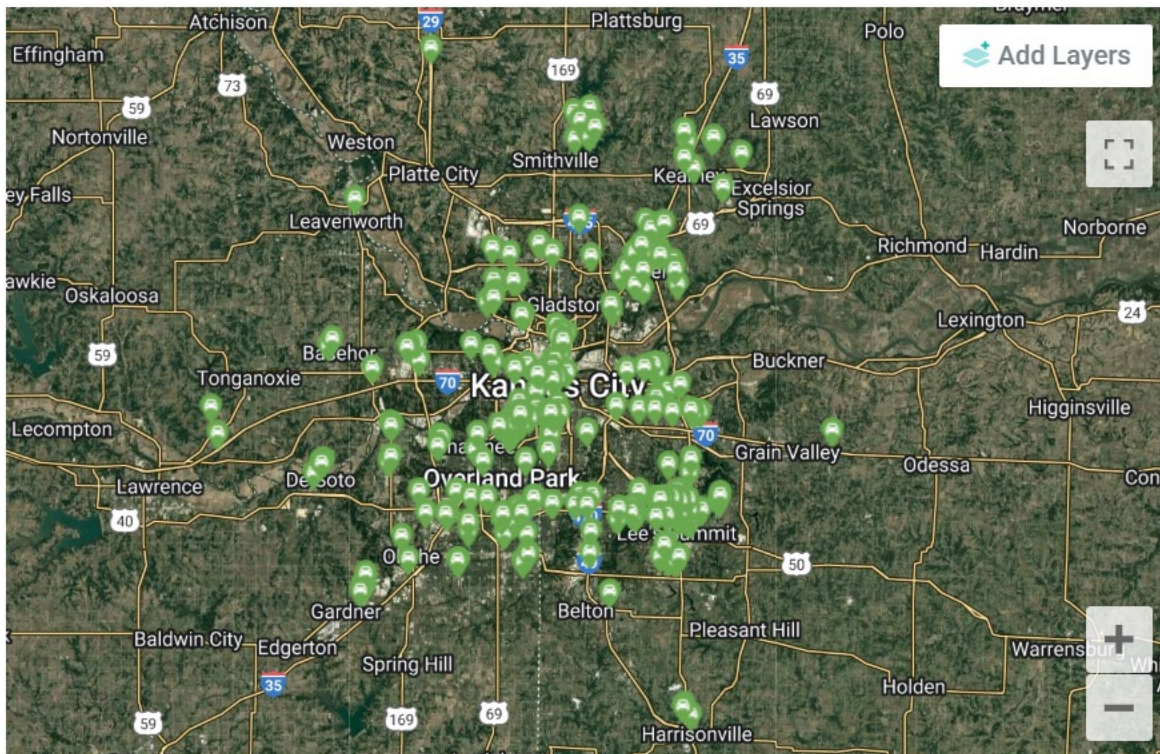
The following online public opinion mapping survey was conducted by Vireo in Fall of 2024 as part of a comprehensive public outreach effort for the Kansas City Regional EV Readiness Plan. Results are not representative and no additional data analysis has been performed.

Results of KC Regional Electric Vehicle Readiness Plan Survey #3



Results of KC Regional Electric Vehicle Readiness Plan Survey #3

Where within the Kansas City region should future EV charging stations be located? Place your comments on the map.



River Market parking lots.

3 Agree4 months ago

There is nothing on 49 highway if you are heading to southern Missouri.

1 Agree4 months ago

Need a DC fast-charger near intersection of I-35 and I-435

4 months ago

Need a DC fast-charging station near the intersection of I-70 and I-635.

4 months ago

Need a DC fastcharging station near the intersection of I-70 & I-435

4 months ago

Parking garage for all of west plaza. Shoppers, workers and residents use it daily.

4 months ago

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

Major businesses to the west but also the "final" QT location on this route that leads to the city or down south

4 months ago

A corridor that connects a few cities

4 months ago

Van Horn HS

4 months ago

William Chrisman HS

4 months ago

Truman High School

4 months ago

I70/Blue Ridge

4 months ago

I70/Noland Rd

4 months ago

I70/Lees Summit Rd

4 months ago

New Independence City Hall

4 months ago

Cable Dahmenr Arena

4 months ago

Independence Center

4 months ago

Independence Utility Center

4 months ago

Independence Square

4 months ago

Harry Truman Library

4 months ago

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

Need more EV charging on 35 south!

4 months ago

Winery + EV charging is a win for everyone.

4 months ago

More EV charging on I-70 please! If you're heading to St Louis there aren't many options.

4 months ago

EV charging for teachers/staff

4 months ago

EV charging for teachers/staff

4 months ago

Medical offices with proximity to SM Parkway

4 months ago

Existing EV charging at City Hall

4 months ago

The Rocks appartments coming in 2026

4 months ago

Large apartment complex with potential for E-bikes

4 months ago

Busy area with lots of KCK traffic

4 months ago

Busy shopping area

4 months ago

Gregg Klice Community Center would be a good location to provide charging for visitors of the community center and surrounding activities/events held at 18th and Vine

4 months ago

Gillham Park has a reasonably sized parking lot and is always in use - it would be a great spot for a station or two

4 months ago

Lansing City Hall (Park & Ride)

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

4 months ago

Legends Area... Proposed Buc-ees site

4 months ago

Different priorities for different market segments: fast chargers near highway rest stops for long-distance drivers (who may charge at home), and near work sites and/or residences for local drivers without home-charging options.

4 months ago

City of Leawood Ironwoods Park: Ironwoods Park (Event Space, Nature Center, Outdoor Theater, Cabins) - One Level 2 EV Charging Station (2 ports/EV Charging Station)

4 months ago

City of Leawood: Ironhorse Golf Course: Ironhorse Golf Course (Golf Course with Pro-shop, Restaurant, & Event Space) - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City of Leawood: Ironhorse Golf Course: Ironhorse Golf Course (Golf Course with Pro-shop, Restaurant, & Event Space) - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City of Leawood Ironwoods Park: Ironwoods Park (Event Space, Nature Center, Outdoor Theater, Cabins) - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City of Leawood Gezer Park: Gezer Park (Shelter, Playground, Park) - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City of Leawood I-Lan Park: I-Lan Park (Shelters, Playground, Park) - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City of Leawood Justice Center: Police Station/Court - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City of Leawood Justice Center: Police Station/Court - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

City Hall: City Hall/Johnson County Library - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City Hall: City Hall/Johnson County Library - Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City Park: Soccer Fields/Park Shelters/Inclusive Playground - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City Park: Aquatic Center - One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City Park - Event Space: One Level 2 EV Charging Station (2 ports/EV Charging Station).

4 months ago

City Park - Aquatic Center

4 months ago

The City of Parkville's downtown parking lot (which provides access to the Farmer's Market, English Landing Park, and Platte Landing Park along the Missouri riverfront) serves as a mobility hub for motorists (via Missouri Highway 9), freight (via truck routes and BNSF railroad), and active transportation users (via users of the parks system).

4 months ago

Great to be able to charge while waiting on soccer game to finish. Probably same applies to other large athletic complexes around the region.

4 months ago

no brainer to add EV public charging in parking lot of Department of Conservation building.

4 months ago

add new EV charging to a few public parking garages in the Plaza shopping district

4 months ago

new parking lot installed by City with stormwater collection and retention system. Great place to put an EV charging station for customers of businesses

4 months ago

Leawood City Park.

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

4 months ago

Many gas stations. Airport, Union Station. JCCC, UMKC, KUMC, Federal and State facilities. County offices. Various City Halls for the larger cities (e.g., Kansas City KS and MO, Overland Park, etc., Stadium complex, Larger malls. Museums (e.g., Nelson-Atkins, WW1).

4 months ago

Miller Park is a major recreational spot in De Soto.

4 months ago

I believe an ev charger should be placed in Downtown De Soto.

4 months ago

Near a major community space in De Soto.

4 months ago

Sports Complex

4 months ago

EV charging near Bartle Hall and/or the Music Hall would serve visitors of those locations.

4 months ago

EV charging should be located in destinations where people spend 2+ hours. Shorter dwell times won't allow enough time to charge a reasonable amount, unless it's a DC fast charger.

4 months ago

Community Patio near I-70 with easy access from all of Downtown KCK and KCMO

4 months ago

Community owned and administer location that would serve a broad market and remain under community control

4 months ago

Location that would allow the school district to move forward in swapping gas vehicles to electric vehicles and service the private sector as well

4 months ago

Easy access from Highway plus the ability to support future developments around the place

4 months ago

Opposite side of the bridge, same opportunity

4 months ago

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

Place with future things to do whale charging and community ownership

4 months ago

Nonprofit that would be able to benefit the community with extra shared income

4 months ago

hospital

4 months ago

costco

4 months ago

whole foods has lots of EV drivers

4 months ago

apple store

4 months ago

trader joes has lots of EV car drivers

4 months ago

cafe + restaurant locations

4 months ago

pizza & bk location

4 months ago

cafe location

4 months ago

Another location that has lots of traffic

4 months ago

Helpful location close to amenities

4 months ago

Helpful location close to highway

4 months ago

JOCO Community College and KU Edwards Campus

4 months ago

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

JOCO Community College

4 months ago

With the popularity of electric vehicles, the charging infrastructure is severely lacking. Extend power utilities along major transportation corridors and to logical locations like government facilities and significant activity centers. Clean power generation has to supply the necessary power for charging, so revisit nuclear power and increase harness of renewable energy generation like wind, solar, and geothermal.

4 months ago

This would be an ideal location for an electric charging station being in a City Park for use by nearby residents and park patrons.

4 months ago

In general, fast chargers should be installed in areas tourists will visit for a few hours. This will assuage concerns about taking an EV to visit such sites on a day trip. Slower chargers could be placed at hotels or near areas with high concentrations of Airbnb, Vrbo, etc., as overnight stays allow more time for charging.

4 months ago

Chargers should be located at locations visited by tourists, including the Truman Presidential Library and Independence Square. Fast chargers should be at such locations, while slow chargers could be placed at hotels where charging can be done for a longer time.

4 months ago

Charge at the soccer field! Win-win for the sports complex and for the EV owner.

4 months ago

Sports fields (soccer in particular) are a win-win for EV charging and the 1-2 hours you spend at a field watching/participating in an event.

4 months ago

Charging at supermarkets (Sprouts) is a win-win for both the business and the consumer.

4 months ago

The grocery store parking lot has many overflow spaces that would be a good option. High visibility and high traffic location.

4 months ago

Benefits courthouse visitors from around the county as well as visitors to local business

4 months ago

This area would greatly benefit from charging stations

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

4 months ago

Great central location in the county for charging stations.

4 months ago

A regional electric charging station at this location would benefit this industrial activity center as well as providing charging opportunities to the public, workers, and drivers.

4 months ago

Providing electric charging stations at the City of Liberty Street and Storm Maintenance facility would allow for the opportunity for the City to transition from fossil fuel fleet vehicles to electric fleet vehicles.

4 months ago

1. I-70, I-35, I-435, and I-49 to ensure that drivers on long-distance routes have easy access to charging infrastructure.
2. Central business districts where there is high vehicle traffic and a concentration of the Business, Offices and retail areas.
3. We can Focus on the underserved Communities and areas with limited to home charging, Ensuring equitable access for all residents.
4. Multi-unit residential Buildings and neighborhoods with the apartment complex Could be ideals for community based to Charging stations.
5. Include stations at entertainment venues like the T-Mobile Center, Kauffman Stadium, and Arrowhead Stadium to serve visitors attending events.
6. Install stations at universities, colleges, and community centers to cater to students, staff, and visitors.
7. Focus on expanding infrastructure in lower-income or historically underserved neighborhoods where current access to charging may be limited.
8. Corporate parks, business districts, and office complexes where people spend extended hours would benefit from EV charging to serve commuters.

4 months ago

Smithville, MO

4 months ago

Coffee shops, restaurants, and places where people will spend 1-2 hours at a time seem like they would be a good fit. Also, I wonder why convenience stores haven't started having fast charging stations to take advantage of the extra traffic they bring in. It doesn't have to be only gas or EV at convenience stores - it can be both! Places like QT, 7-11, etc. often just break even on the gas sales but use that to just bring people in. The profits are on what is sold within the stores. Do their gasoline suppliers prohibit them from having EV charging stations? If so, is there a way to turn that around? Maybe that is something to work on opening a dialogue about.

4 months ago

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

There are examples of fast chargers at gas stations. For example, Teslas are at several KS Turnpike service area locations. Also the KS NEVI plan has several at gas stations. There just may not be many examples in the Kansas City region yet. The Kansas City EV Readiness Plan should help identify such opportunities for communities and developers to consider.

4 months ago

Electric charging stations at the Liberty Wastewater Treatment plant would encourage the transition from fossil fuel powered City Utilities fleet vehicles to electric vehicles.

4 months ago

Electric charging stations would be beneficial at this commuter lot to encourage ride sharing and charging opportunities for commuters.

4 months ago

There would be an opportunity to provide electric vehicle charging at this vital industrial activity center to provide charging access to workers and drivers. It would also be beneficial to consider this location as a ridesharing commuter parking lot able to provide charging for commuters.

4 months ago

In the parking lots of Discovery and South Valley Middle Schools in the Liberty District, this educational activity center would be a great location for charging stations by providing access to charge electric vehicles for staff, district fleet, and nearby residents.

4 months ago

I-70, I-35, I-435 & I-49 to ensure that drivers on long-distance routes have easy access to charging stations.

4 months ago

Liberty Hospital is a vital activity center providing health care to the Liberty and KC northland region. It would be an ideal location for electric charging stations for patients and health care professionals.

4 months ago

Major highway exit, easily accessible to community members

4 months ago

near a highway exit and commuting route to lots of light industrial businesses, part of the Merriam Corridor Plan

4 months ago

The Liberty School District transportation "Bus Barn" would be an ideal location for electric charging stations due to the prevalence of electric vehicles driven by district bus drivers and staff.

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

Plus it opens the opportunity for the district to implement electric powered buses into the district school bus fleet.

4 months ago

In general it would be good to target shopping centers, gas stations, and highway rest stops. Nothing is targeted east of Troost. This will keep a several areas of our community marginalized from using the electric powered vehicle. Look at community places like the community centers, 47th street and blue parkway shopping center. 95th and hillcrest-Bannister area. Red bridge shopping center Red bridge and Holmes, something in the chiefs/royals sports complex.

4 months ago

With the prevalence of electric vehicles, the Liberty Stocksdale Park would be a great location for fast charging stations to serve patrons and residents at this vital outdoor physical activity center. The site is the location of national frisbee golf tournaments and a world class frisbee golf course, as well as nature trails, dog park, horseshoe pits, playground, and Cricket grounds.

4 months ago

With the prevalence of electric vehicles, the Liberty Sports Complex would be a great location for fast charging stations to serve patrons and residents at this vital outdoor physical activity center.

4 months ago

The last undeveloped area within the Liberty Commerce Center, a vital industrial activity center, would benefit workers and users by providing access to charging. With the prevalence of electric vehicles, and the potential for adding electric heavy trucks, this would be a great location for a fast charging station location.

4 months ago

Liberty High School is an educational activity center in Liberty that would benefit from charging stations providing access to students, staff, and residents. With the increased prevalence of electric vehicles, it would provide beneficial recharging access.

4 months ago

Liberty High School is an educational activity center in Liberty that would benefit from charging stations providing access to students, staff, and residents. With the increased prevalence of electric vehicles, it would provide beneficial recharging access.

4 months ago

Potential Shawnee locations

4 months ago

Liberty Commons is a vital commercial retail activity center in Liberty that would benefit residents and patrons by providing access to rapid vehicle charging stations.

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

4 months ago

William Jewell College is a vital educational hub in the Liberty area that would benefit from electric charging stations for students, staff, and residents.

4 months ago

QT

4 months ago

William Jewell College is a vital educational hub in the Liberty area that would benefit from electric charging stations for students, staff, and residents.

4 months ago

The Sports Complex would be a good location

4 months ago

Blink Charging Station at Walgreens 1191 W Kansas is existing

4 months ago

Vehicle charging areas are desperately needed near the Historic Downtown Liberty Square area, a vital economic and Civic activity center in Liberty.

4 months ago

2521 Glenn Hendren existing station

4 months ago

Vehicle charging areas are desperately needed near the Historic Downtown Liberty Square area, a vital economic and Civic activity center in Liberty.

4 months ago

The Liberty Triangle is a commercial hub in the Liberty and Kansas City northland. These existing former commuter lots previously intended for access to KCATA bus transit (route eliminated since COVID) would be a great location to revitalize ride sharing by providing charging opportunities to ride share participants.

4 months ago

Mission Farmer's Market. Great place to charge your car while visiting business along Johnson Drive.

4 months ago

The Liberty Community Center is a hub for local activity. With the increased demand for charging coupled to the increased supply of electric vehicles, the Liberty area is vastly underserved in this capacity and would benefit from access to fast-charging locations.

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

4 months ago

Trinity Lutheran Church. Popular church in Mission. Great place to charge your car while attending services.

4 months ago

Thank you for collecting this information.

4 months ago

I've received requests from residents for charging stations in the Red Bridge Shopping district.

4 months ago

Mohawk Park in Mission. Charge your car while taking a walk around the park, watching your kids play, or at an event.

4 months ago

The Country Club Plaza is under new ownership and the city is preparing to provide a substantial investment in the public infrastructure in this district. I've received requests for charging stations in the plaza.

4 months ago

Johnson County offices. Charge your car while renewing your car registration.

4 months ago

Watrer Works Park in Mission. Popular place to walk and watch the kids play. Charge your car while doing these activities.

4 months ago

Jacob Loose Park is one of the most utilized parks in the city and I've received numerous requests for charging stations here.

4 months ago

Popular Catholic church in Mission and NE Johnson County. Charge your card while at Mass.

4 months ago

Broadmoor Park in Mission. Popular place for walking, kids play area and community events.

4 months ago

Mission West Shopping Center.

4 months ago

Mission Family Aquatic Center. Great way for people to charge their car while they swim at the MFAC for spend time at Andersen Park.

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

4 months ago

Powell Community Center in Mission. Great way for people to charge while they work out or attend an event.

4 months ago

I work in the aviation insurance industry. My specialty is Unmanned Systems (drones) and the developing aviation eVTOL markets. As this complex system is developed I would encourage you to consider the future need for aviation charging stations as well. By 2025 - 2026 Archer plans to be active in LA transporting to & from regional locations to LAX. Joby and Archer plan to launch air taxi service in metropolitan areas within two years. Heliports don't need charging stations but Vertiport locations will. Something to keep in mind as you develop the infrastructure.

4 months ago

Airports are naturally located in and near major interstate and highway systems and should be considered for EV charging locations, as airports typically operate 24/7/365. Consideration should be given to having all major highway systems located near airports designated as alternative fuel infrastructure and supported with EV charging stations (charging and fuel infrastructure - CFI).

4 months ago

Pretty much wherever there are popular shopping and entertainment nodes, government buildings, and office clusters, there should be several charging stations scattered throughout the parking lots and on-street parking.

4 months ago

Airports naturally support EV infrastructure and are close to major interstate systems.

4 months ago

Sugar Creek, along US 24 Highway.

Will these stations be paid for with grant money?

Will the municipality have to install, pay for and do the upkeep on these stations?

If required of businesses, Sugar Creek might drive businesses away, rather than encourage.

Mayor Mike Larson

4 months ago

close to strip malls or restaurants

4 months ago

I think each suburb should have them.

4 months ago

While I have no suggestion on specific charging at specific locations, I would have an overall recommendation to consider charging at or around airports and multi-modal transportation points.

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

I would also consider installing chargers "airside" at airports (inside the fence), which would allow airports to electrify their vehicles and ground service equipment, allow opportunities for flight schools to use emerging aviation technology including electric aircraft, and allow our airports to be able to accommodate these aircraft that will be commercially viable over the next decade. This allows our airports to benefit from the improvements immediately while allowing future growth in a phase approach. Airports can also look at onsite (solar) generation to reduce their demand on the grid and provide a redundant and resilient energy source for the community that can drastically improve the community's response and readiness for a natural disaster. There is grant funding for fleet electrification, solar generation, etc. that can also be used.

4 months ago

Brookside shops seems like a good location.

4 months ago

EV stations in the parking lots serving the brookside shops make sense.

4 months ago

Since 2016

4 months ago

Already have 4 stations at 4th and Delaware in our lot since 2016

4 months ago

Need to ensure coverage includes the full metro area, not just areas that are power houses.

4 months ago

We need to work with BPU and get KCK to build charging stations. Its an EV charging desert.

4 months ago

Municipal buildings in or close to downtown areas, courts or multifamily dwelling areas are the most viable locations for EV charging stations. They guarantee public access, are typically well maintained and have high volume throughout the week.

4 months ago

Public Building

4 months ago

I think all courthouses/district courts should have EV charging stations.

4 months ago

Gregory & Wornall parking lot.

4 months ago

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

Steamboat Arabia & other River Market parking lots.

4 months ago

Lee's Summit downtown parking garage. Concentration of residential, commercial, civic, and alternative transportation options here and will grow more dense with Farmer's Market. Similar idea to downtown Olathe parking garage charging stations on S. Cherry Street.

4 months ago

Lots of commuter traffic from Saint Joseph to KC. Additionally, a good spot for commercial EV traffic in the future. Very limited charging options north of the river currently, especially level 3 chargers capable of charging work trucks and delivery EV's.

4 months ago

Cities outside the urban core need to be considered as well

4 months ago

High volume of traffic/parkers. 200,000 customers per year

4 months ago

High volume of traffic/parkers

4 months ago

High volume of traffic/parkers

4 months ago

High volume of traffic/parkers

4 months ago

High volume of traffic/parkers

4 months ago

Could use more chargers along K-10 corridor to Lawrence and Topeka

4 months ago

This area has the potential to be a mobility hub, with EV charging, bike route, streetcar, buses and more.

4 months ago

Parkville/KC area needs more public charging

4 months ago

Public on-street parking and multifamily residential area

Results of KC Regional Electric Vehicle Readiness Plan Survey #3

4 months ago

Government Building/School/Neighborhood Area

4 months ago

Public Parking Lot

4 months ago