

2020 Transit Accessibility Report: Florida

Prepared for the state of Florida by the
Accessibility Observatory at the University of Minnesota

January 30, 2023



**ACCESSIBILITY
OBSERVATORY**

UNIVERSITY OF MINNESOTA

Driven to DiscoverSM

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1 Introduction

This report presents the results of an evaluation of accessibility to jobs by transit throughout the state of Florida. *Accessibility* refers to the ease of reaching valued destinations. It combines the simpler metric of mobility with the understanding that travel is driven by a desire to reach destinations. Accessibility can be measured for various transportation modes, to different types of destinations, and at different times of day. There are a variety of ways to define accessibility, but the number of destinations reachable within a given travel time is highly comprehensible and transparent—as well as the most directly comparable across locations.

This study focuses on access to jobs, the most significant non-home travel destination. Accessibility is calculated at the Census block level by computing the travel time from each block to surrounding blocks, and then adding up the total number of jobs that can be reached within different travel time thresholds. This process is repeated for every block within the state of Florida, and the results are aggregated to provide accessibility summaries for each county, and the jurisdiction of each metropolitan planning organization (MPO), within the state.

[Section 2](#) presents these results, summarized statewide, by MPO, and by county. [Section 3](#) provides an overview of the data sources and methodology used in this study. A separate document, *Access Across America: Transit 2020 Methodology*, describes the methodology and data sources in greater detail.

2 Accessibility Evaluation Results

2.1 Statewide Accessibility

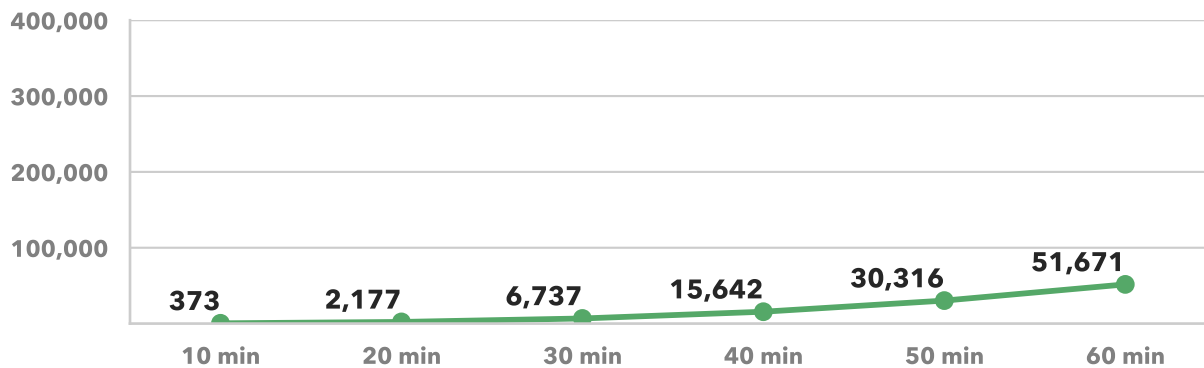
Florida

Job Accessibility Results—Transit, 2020

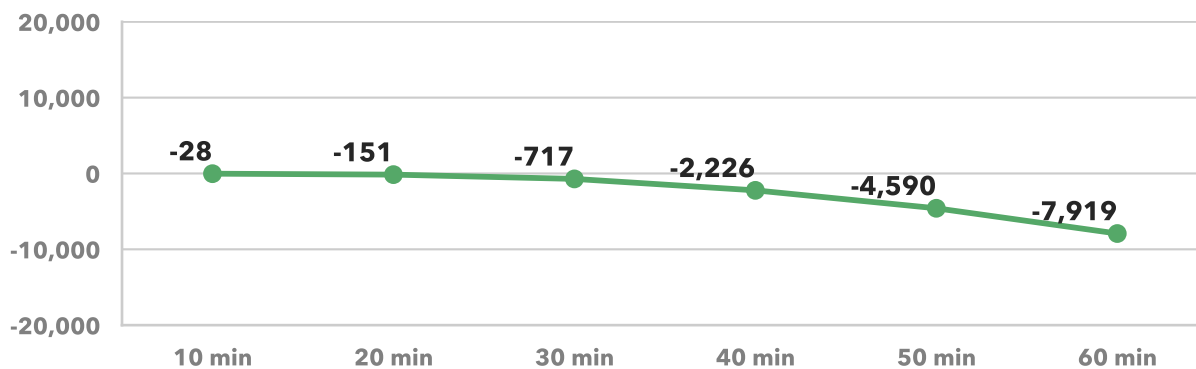
1-Year Change in Weighted Accessibility	-11.20%
Total Jobs	8,452,404
Average Job Density (per mi ²)	155
Total Workers	8,453,506
Average Worker Density (per mi ²)	155

Job and worker totals are based on LEHD estimates and may not match other sources.

Average Job Accessibility by Travel Time Threshold (worker-weighted)



Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



2.2 Accessibility in Metropolitan Areas

The following sections analyze accessibility in the metropolitan areas (as defined by jurisdictions of MPOs that lie within or partially within the state of Florida. The following MPO jurisdictions are included:

- Bay County Transportation Planning Organization
- Broward MPO
- Capital Region Transportation Planning Agency
- Charlotte-Punta Gorda MPO
- Collier MPO
- Florida-Alabama Transportation Planning Organization
- Gainesville MTPO
- Heartland Regional TPO
- Hernando/Citrus County MPO
- Hillsborough MPO
- Indian River County MPO
- Lake-Sumter MPO
- Lee County MPO
- METROPLAN Orlando
- Martin MPO
- Miami-Dade MPO
- North Florida Transportation Planning Organization
- Ocala - Marion County Transportation Planning Organization
- Okaloosa-Walton Transportation Planning Organization
- Palm Beach MPO
- Pasco County MPO
- Pinellas County MPO

- Polk County Transportation Planning Organization
- River to Sea Transportation Planning Organization
- Sarasota-Manatee MPO
- Space Coast Transportation Planning Organization
- St. Lucie Transportation Planning Organization

[Table 1](#) provides the average (worker-weighted—see [Section 3.4](#)) job accessibility by transit during the AM peak period for each MPO. The following pages provide additional details and maps for each MPO.

Table 1: Average Job Accessibility by Travel Time Threshold for Metropolitan Areas (Transit, AM Peak)

MPO	10 min	20 min	30 min	40 min	50 min	60 min
Bay County Transportation Planning Organization	166	796	2,267	4,654	7,882	11,925
Broward MPO	379	2,650	9,973	26,340	55,761	101,842
Capital Region Transportation Planning Agency	207	1,139	3,087	6,017	9,774	14,493
Charlotte-Punta Gorda MPO	99	469	1,148	2,123	3,293	4,674
Collier MPO	180	783	2,198	4,628	8,350	13,565
Florida-Alabama Transportation Planning Organization	185	996	2,980	6,591	11,884	18,999
Gainesville MTPO	404	3,016	10,343	21,649	35,801	50,819
Heartland Regional TPO	107	424	845	1,320	1,786	2,257
Hernando/Citrus County MPO	56	280	725	1,446	2,487	3,896
Hillsborough MPO	382	2,417	8,453	21,090	42,342	72,409
Indian River County MPO	121	583	1,343	2,438	3,809	5,527
Lake-Sumter MPO	120	476	1,125	2,159	3,544	5,250
Lee County MPO	148	860	2,446	5,088	9,027	14,509
METROPLAN Orlando	341	1,916	6,080	14,727	30,277	54,823
Martin MPO	195	785	1,941	3,792	6,454	9,662
Miami-Dade MPO	1,057	6,470	18,671	41,499	77,577	128,274
North Florida Transportation Planning Organization	277	1,296	4,143	10,350	21,115	36,634
Ocala - Marion County Transportation Planning Organization	101	442	1,234	2,471	4,152	6,289
Okaloosa-Walton Transportation Planning Organization	210	940	2,334	4,363	6,786	9,499
Palm Beach MPO	291	1,372	3,496	6,855	11,358	17,414
Pasco County MPO	128	467	1,380	3,079	5,780	9,451
Pinellas County MPO	427	2,887	9,690	22,728	44,042	74,361
Polk County Transportation Planning Organization	162	829	2,286	4,575	7,878	12,136
River to Sea Transportation Planning Organization	137	785	2,166	4,544	8,101	12,684
Sarasota-Manatee MPO	225	1,272	3,916	8,822	16,312	26,276
Space Coast Transportation Planning Organization	156	647	1,802	3,816	6,989	11,536
St. Lucie Transportation Planning Organization	121	602	1,435	2,699	4,141	5,870

Bay County Transportation Planning Organization

Job Accessibility Results—Transit, 2020

1-Year Change in Weighted Accessibility **+2.29%**

Total Jobs **77,610**

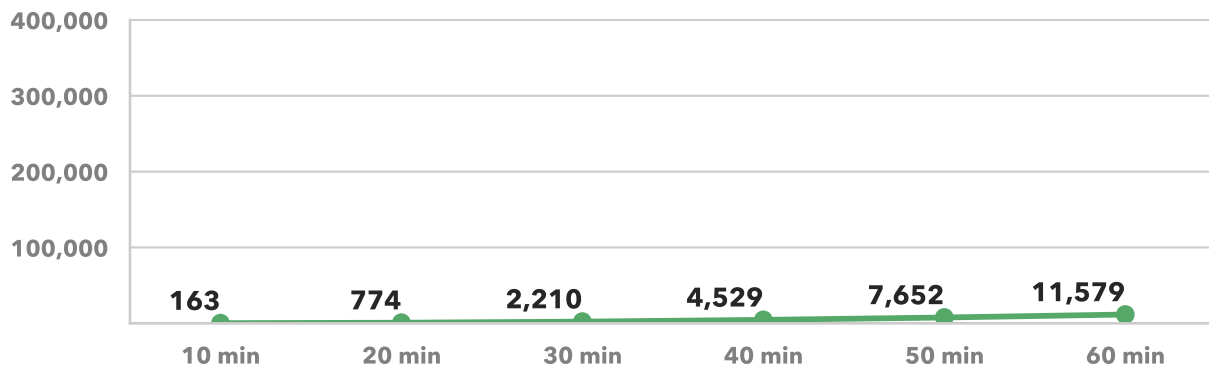
Average Job Density (per mi²) **194**

Total Workers **72,621**

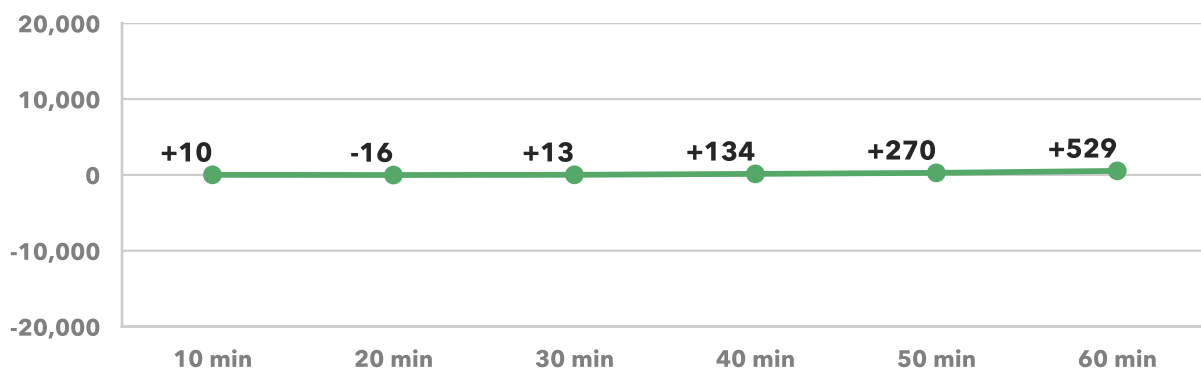
Average Worker Density (per mi²) **182**

Job and worker totals are based on LEHD estimates and may not match other sources.

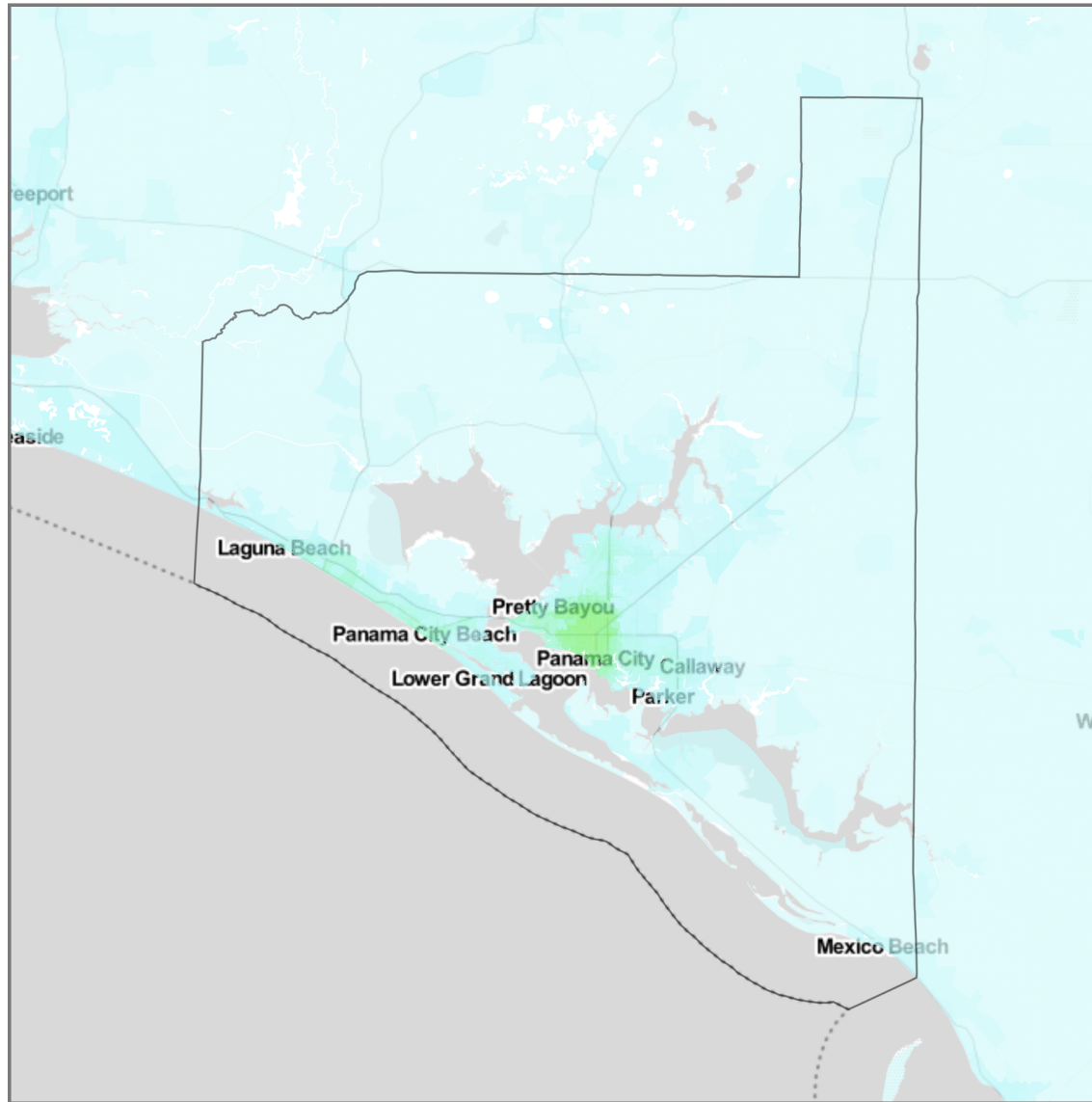
Average Job Accessibility by Travel Time Threshold (worker-weighted)



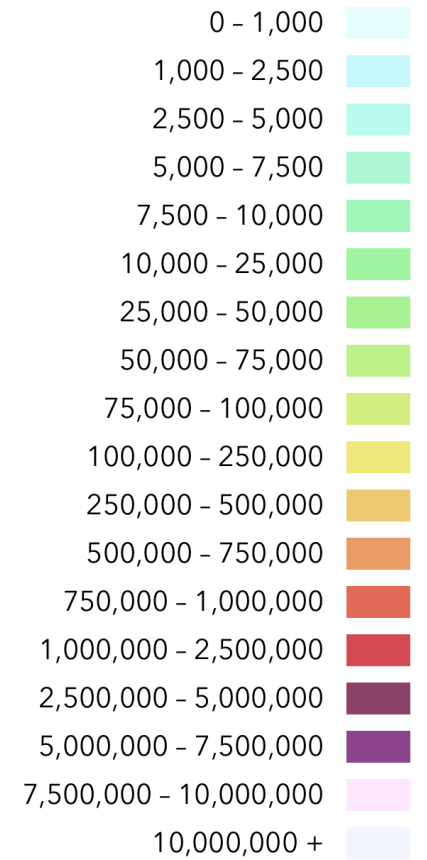
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Bay County Transportation Planning Organization



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

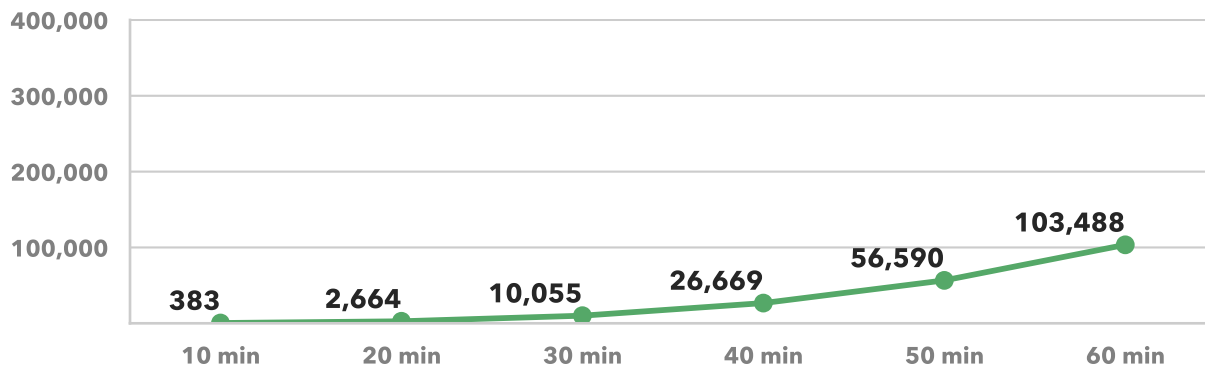
Broward MPO

Job Accessibility Results—Transit, 2020

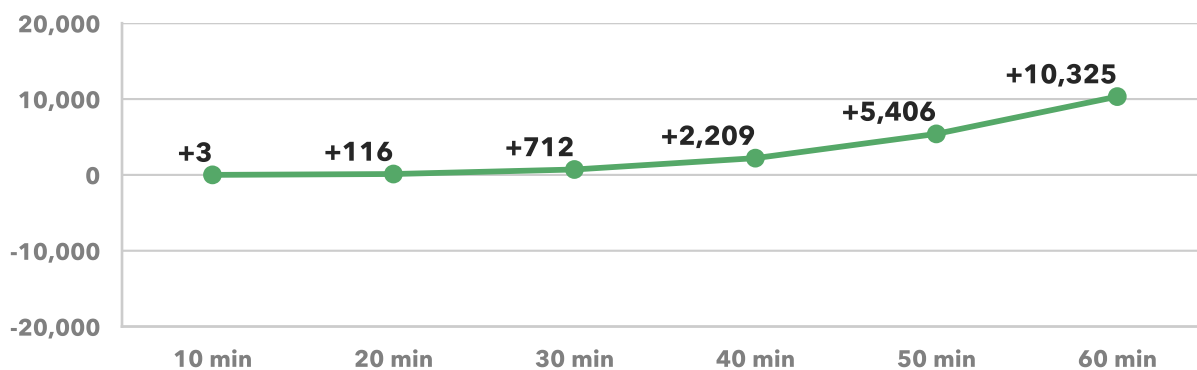
1-Year Change in Weighted Accessibility	+8.90%
Total Jobs	825,858
Average Job Density (per mi ²)	1746
Total Workers	839,117
Average Worker Density (per mi ²)	1774

Job and worker totals are based on LEHD estimates and may not match other sources.

Average Job Accessibility by Travel Time Threshold (worker-weighted)

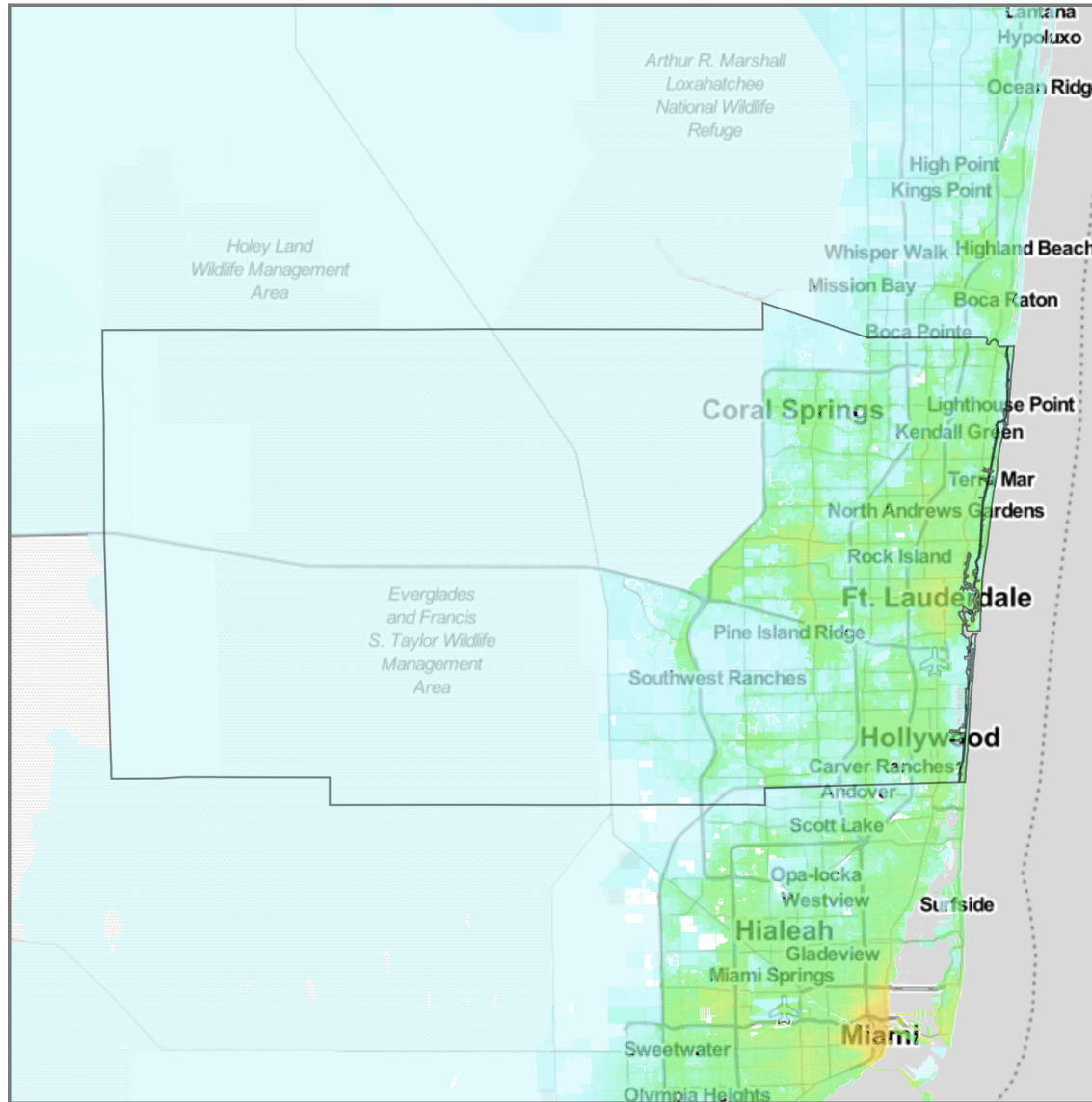


Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)

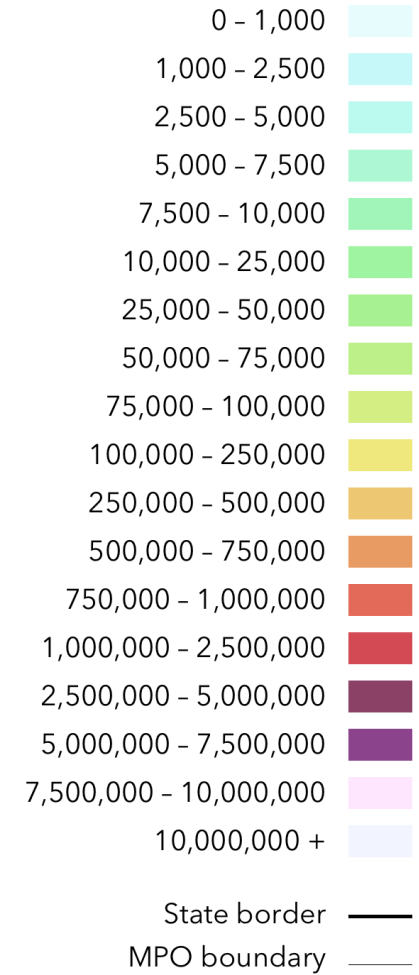


Broward MPO

6



Jobs within 30 minutes
(Transit, AM peak)



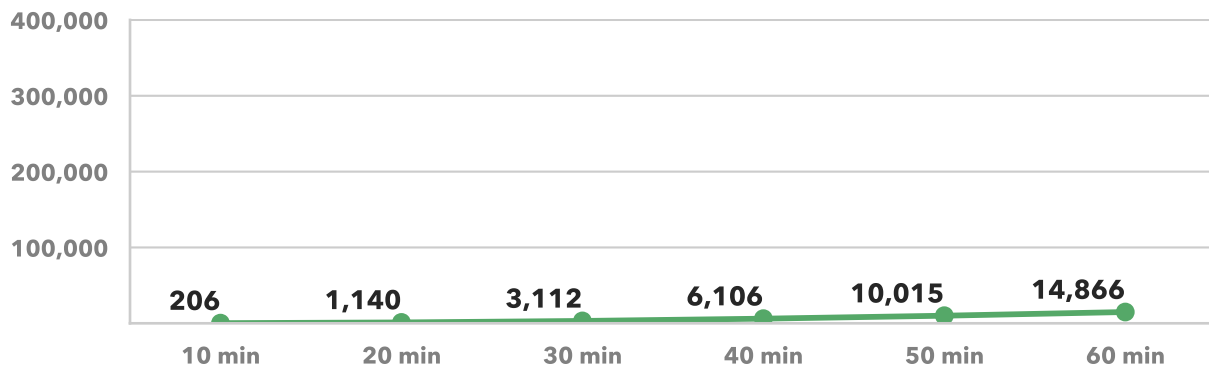
Capital Region Transportation Planning Agency

Job Accessibility Results—Transit, 2020

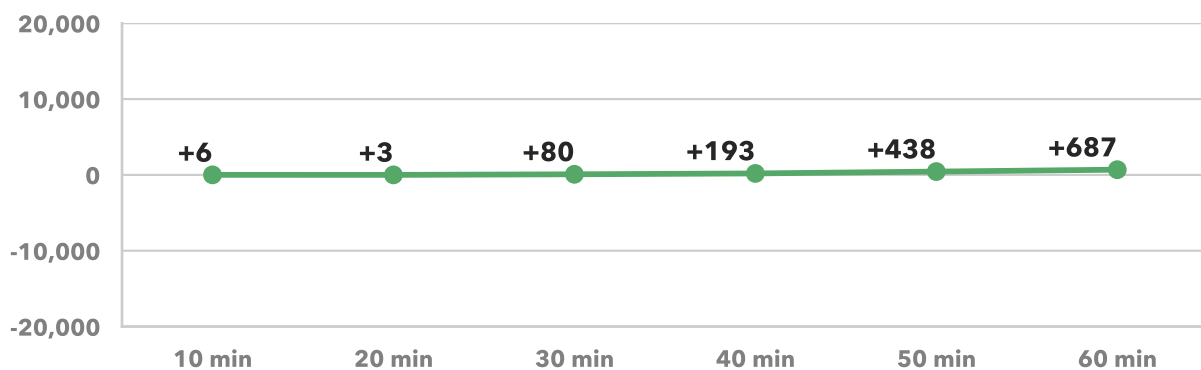
1-Year Change in Weighted Accessibility	+3.00%
Total Jobs	179,612
Average Job Density (per mi ²)	189
Total Workers	156,596
Average Worker Density (per mi ²)	165

Job and worker totals are based on LEHD estimates and may not match other sources.

Average Job Accessibility by Travel Time Threshold (worker-weighted)

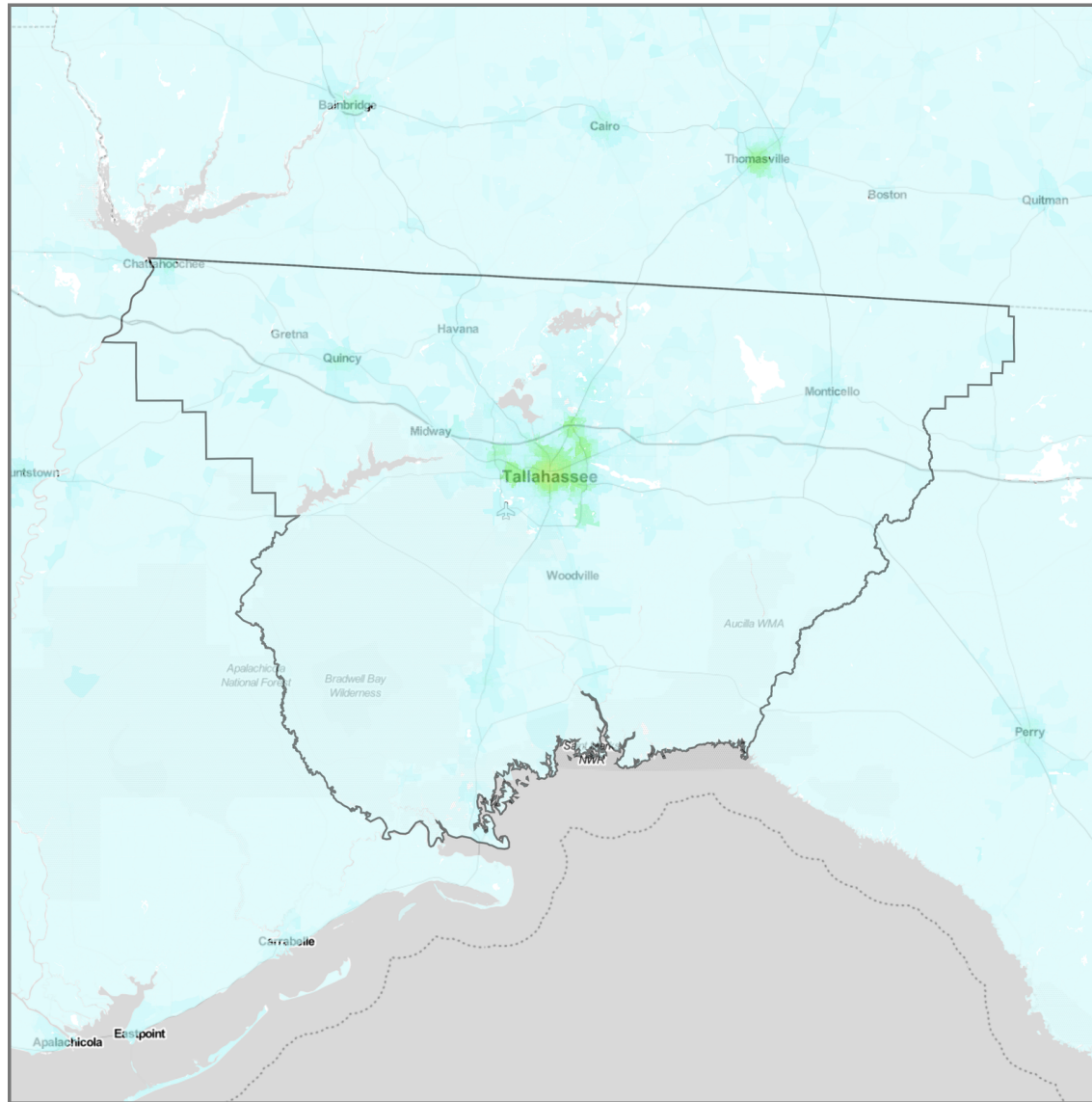


Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)

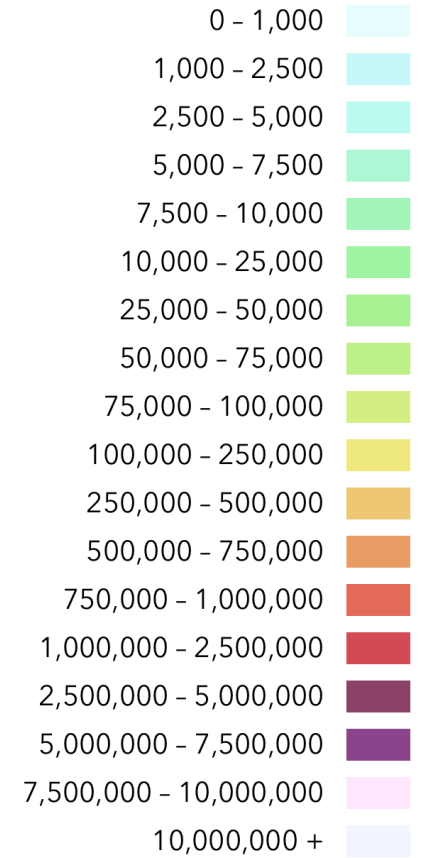


Capital Region Transportation Planning Agency

11



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

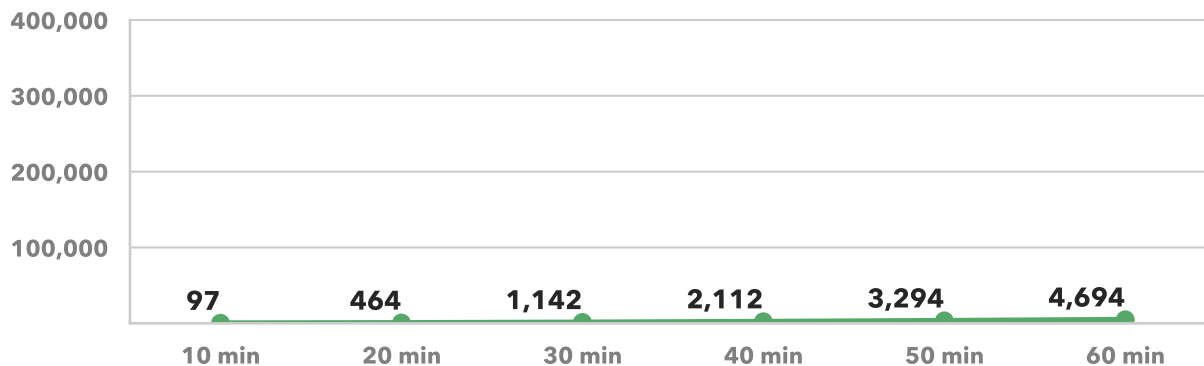
Charlotte-Punta Gorda MPO

Job Accessibility Results—Transit, 2020

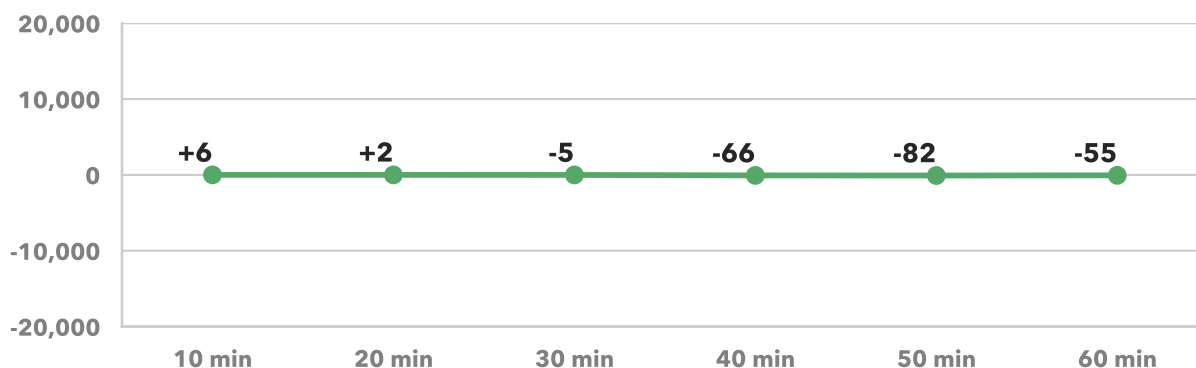
1-Year Change in Weighted Accessibility	-0.51%
Total Jobs	49,032
Average Job Density (per mi ²)	177
Total Workers	56,983
Average Worker Density (per mi ²)	206

Job and worker totals are based on LEHD estimates and may not match other sources.

Average Job Accessibility by Travel Time Threshold (worker-weighted)

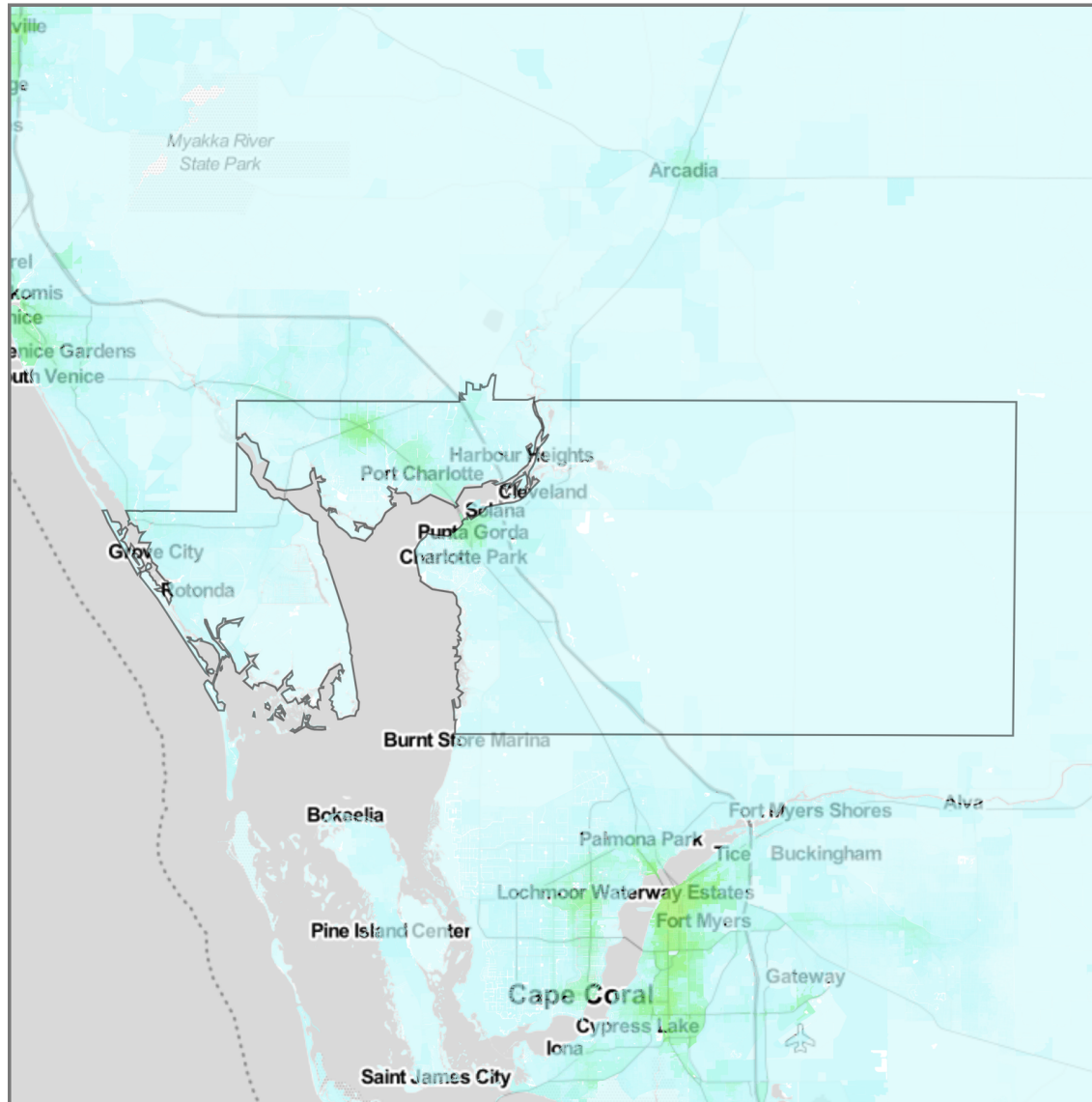


Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



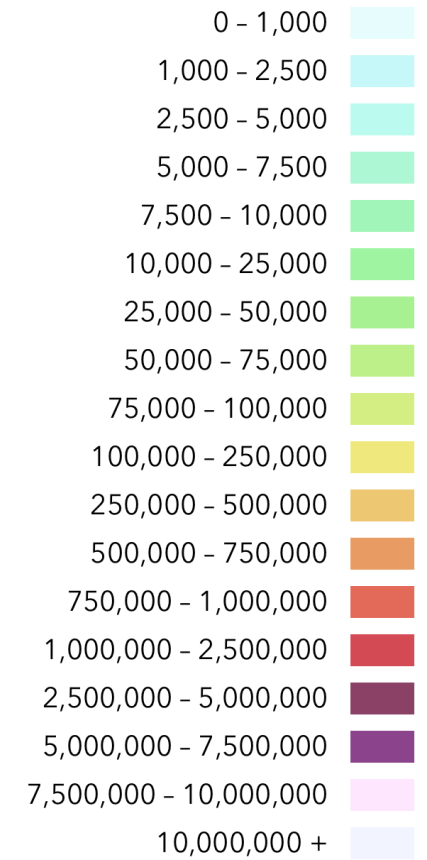
Charlotte-Punta Gorda MPO

13



Jobs within 30 minutes

(Transit, AM peak)



State border

MPO boundary

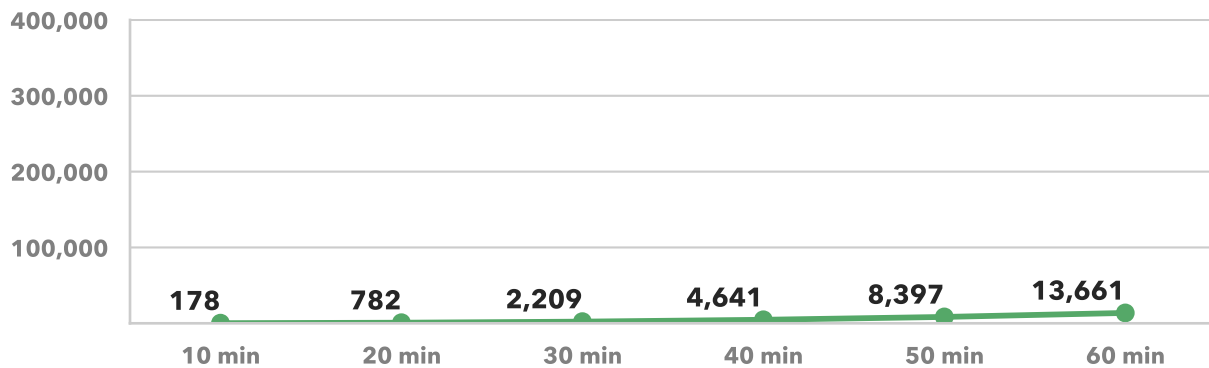
Collier MPO

Job Accessibility Results—Transit, 2020

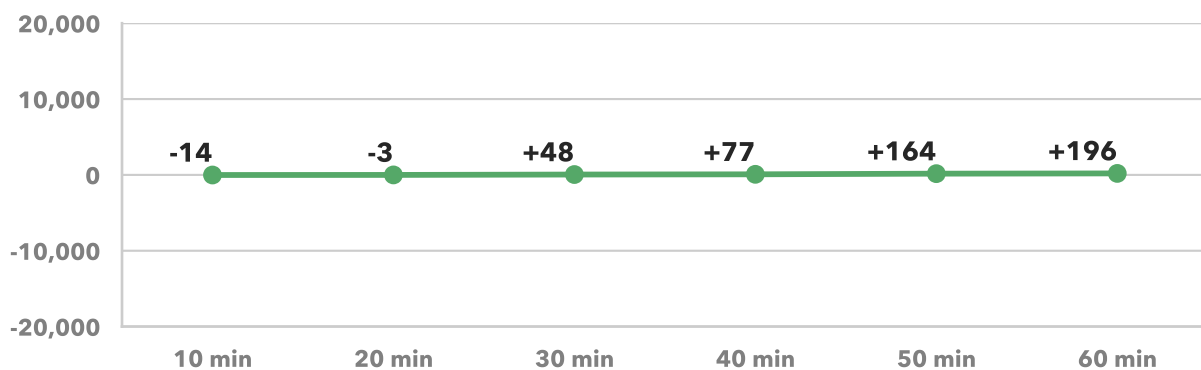
1-Year Change in Weighted Accessibility	+0.67%
Total Jobs	140,836
Average Job Density (per mi ²)	176
Total Workers	140,245
Average Worker Density (per mi ²)	175

Job and worker totals are based on LEHD estimates and may not match other sources.

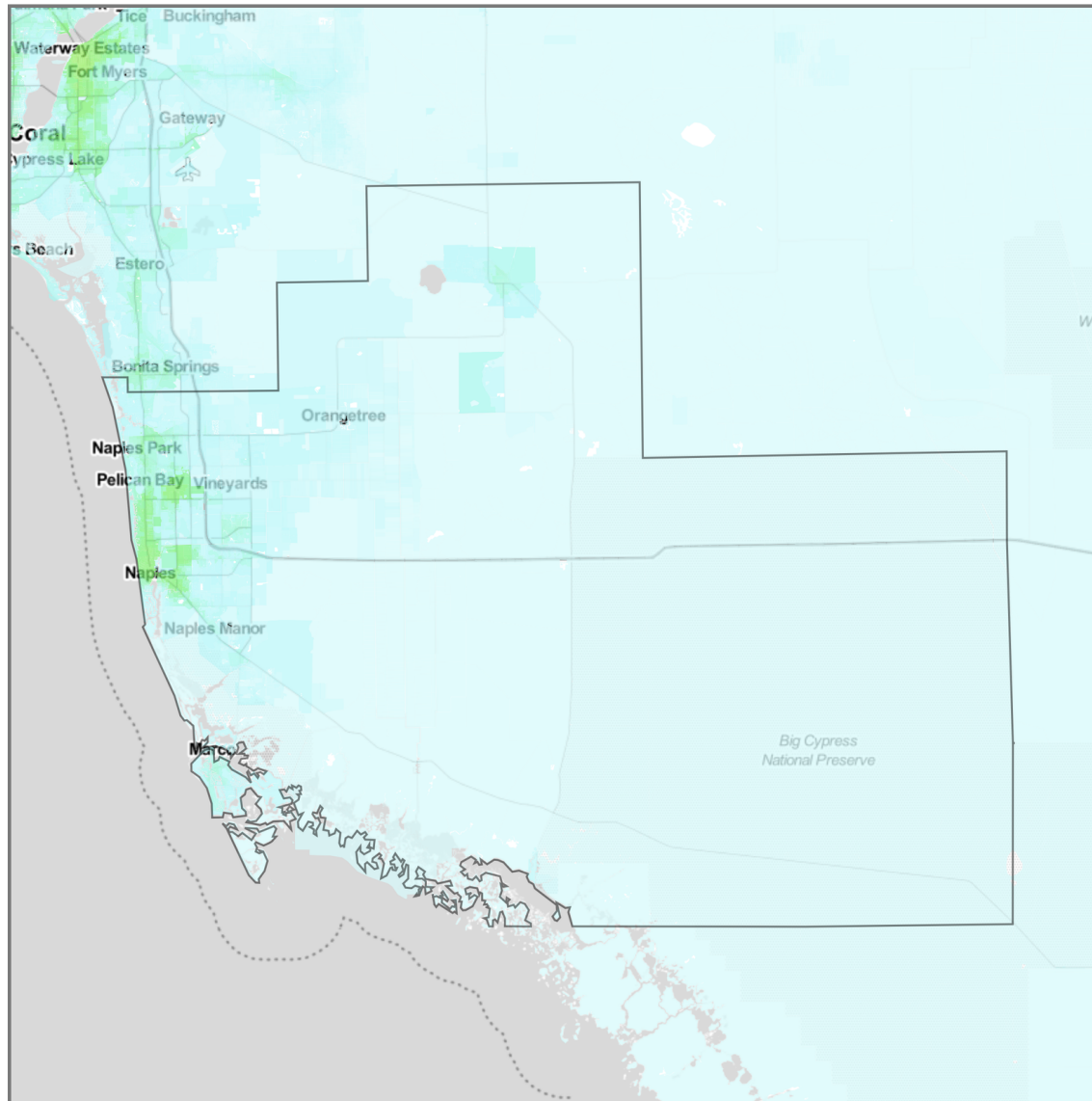
Average Job Accessibility by Travel Time Threshold (worker-weighted)



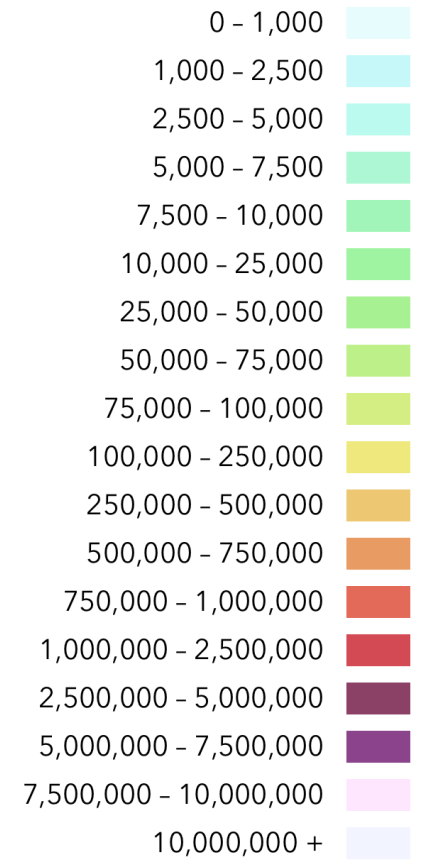
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Collier MPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

Florida-Alabama Transportation Planning Organization

Job Accessibility Results—Transit, 2020

1-Year Change in Weighted Accessibility **-3.53%**

Total Jobs **195,961**

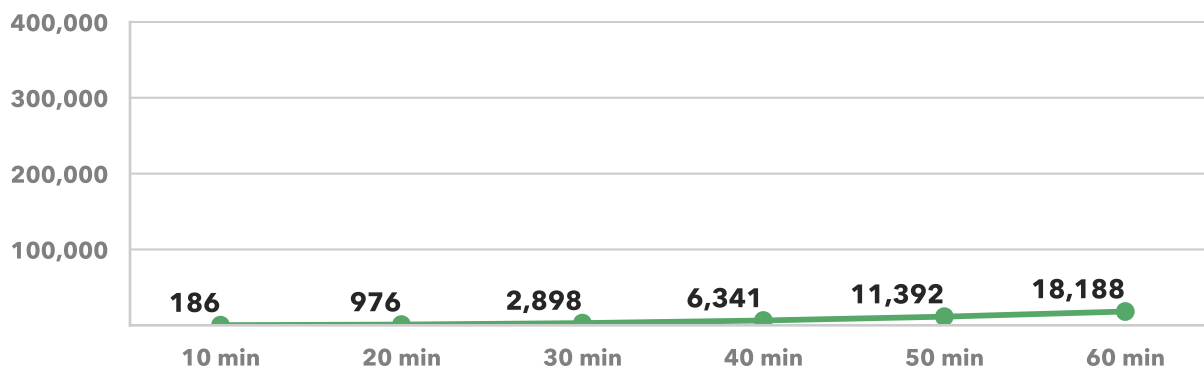
Average Job Density (per mi²) **424**

Total Workers **182,698**

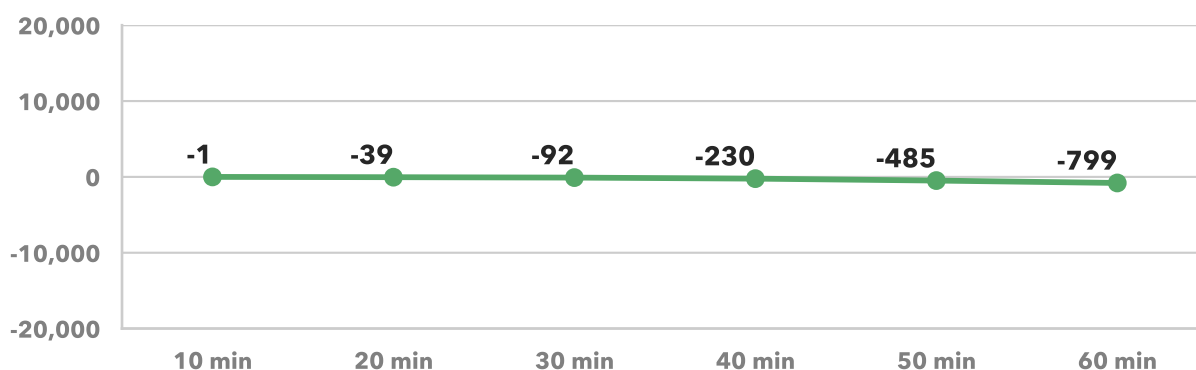
Average Worker Density (per mi²) **395**

Job and worker totals are based on LEHD estimates and may not match other sources.

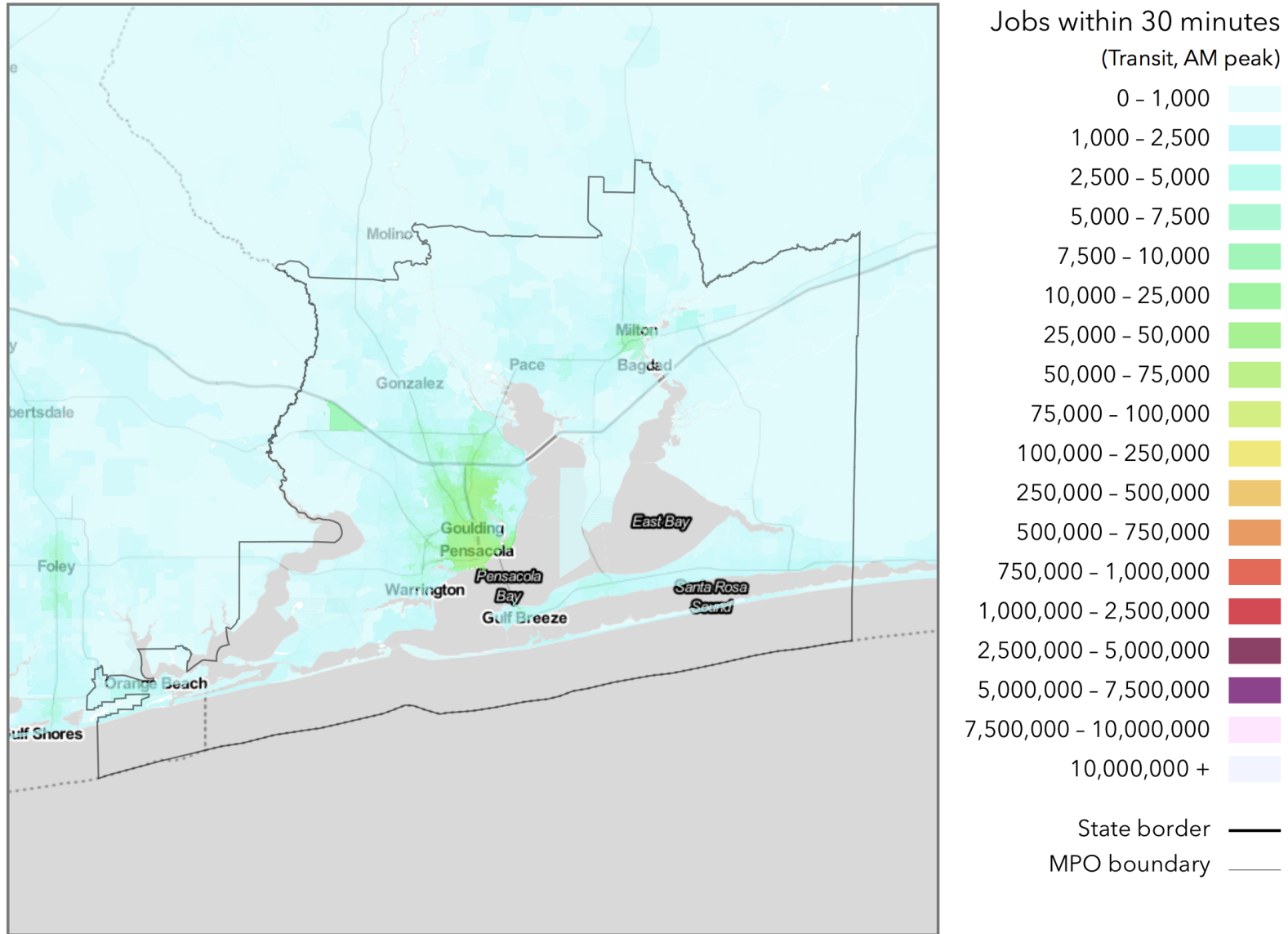
Average Job Accessibility by Travel Time Threshold (worker-weighted)



Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Florida-Alabama Transportation Planning Organization



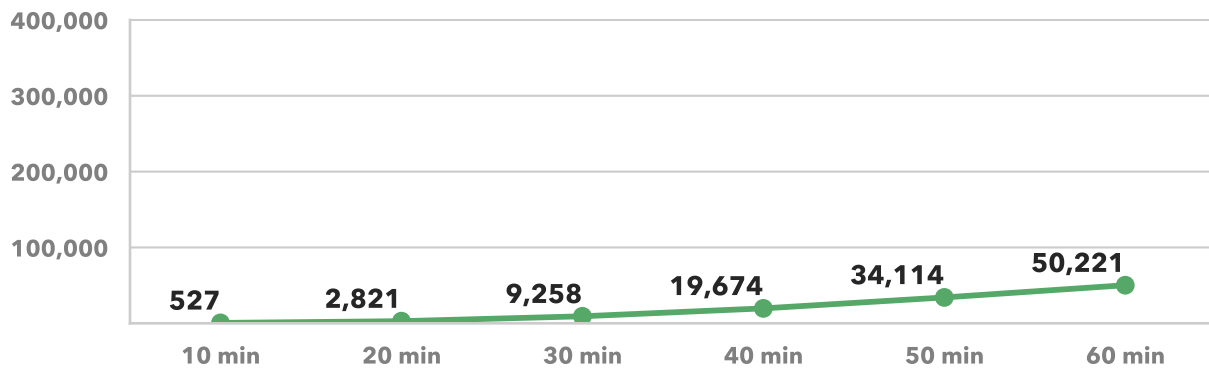
Gainesville MTPO

Job Accessibility Results—Transit, 2020

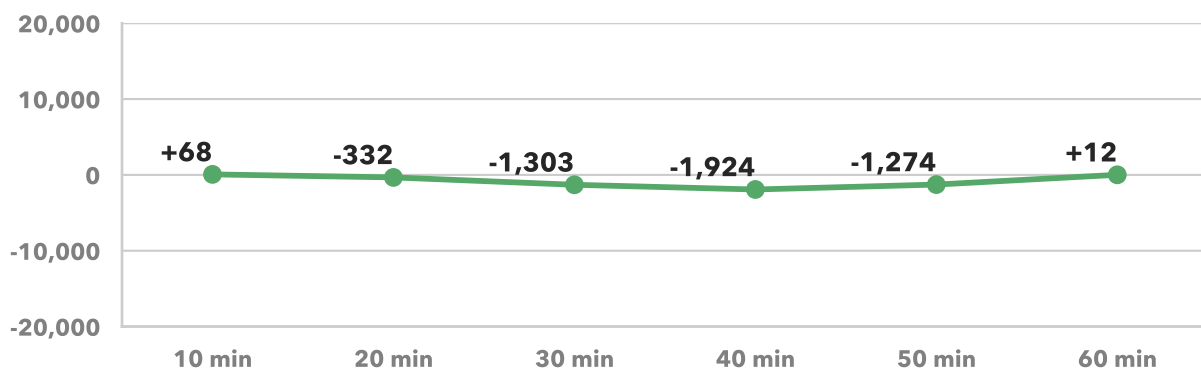
1-Year Change in Weighted Accessibility	-6.28%
Total Jobs	109,649
Average Job Density (per mi ²)	1508
Total Workers	79,521
Average Worker Density (per mi ²)	1094

Job and worker totals are based on LEHD estimates and may not match other sources.

Average Job Accessibility by Travel Time Threshold (worker-weighted)

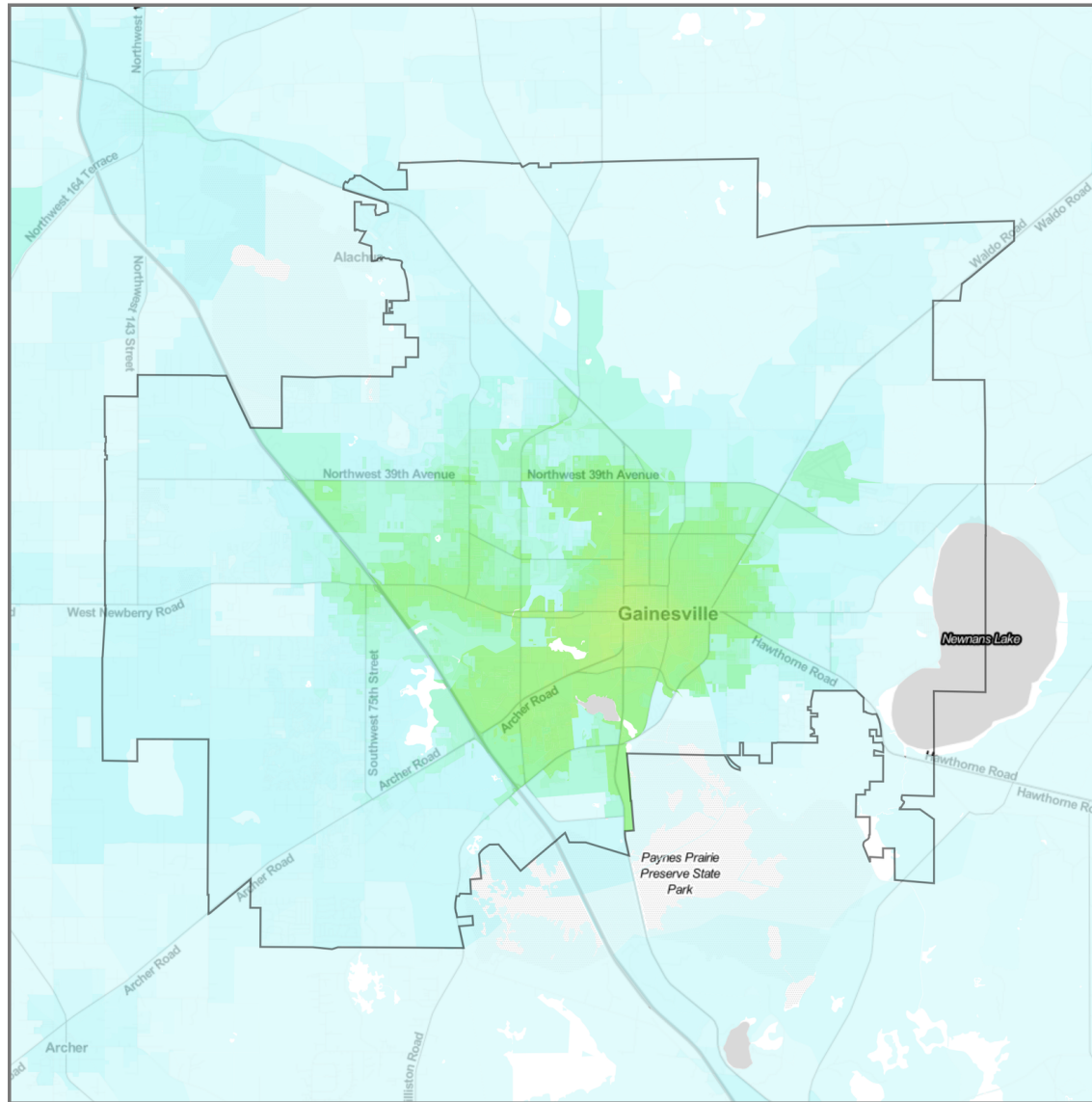


Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)

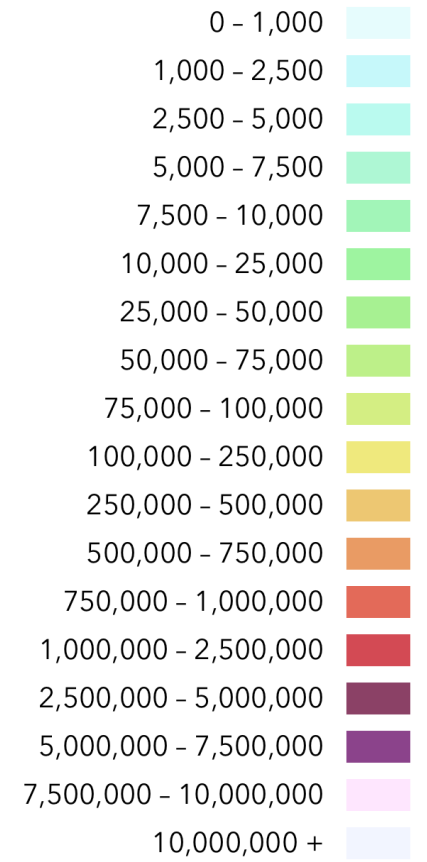


Gainesville MTP0

19



Jobs within 30 minutes
(Transit, AM peak)



State border

MPO boundary

Heartland Regional TPO

Job Accessibility Results—Transit, 2020

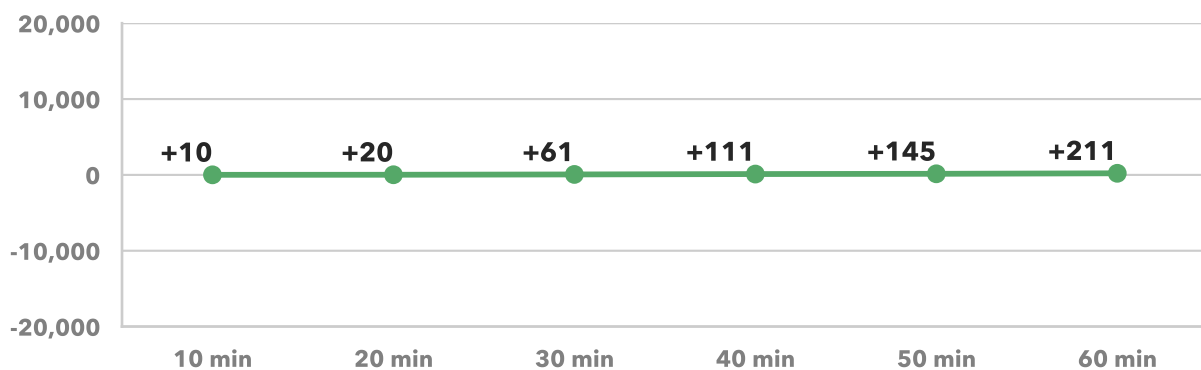
1-Year Change in Weighted Accessibility	+7.93%
Total Jobs	68,487
Average Job Density (per mi ²)	35
Total Workers	85,853
Average Worker Density (per mi ²)	43

Job and worker totals are based on LEHD estimates and may not match other sources.

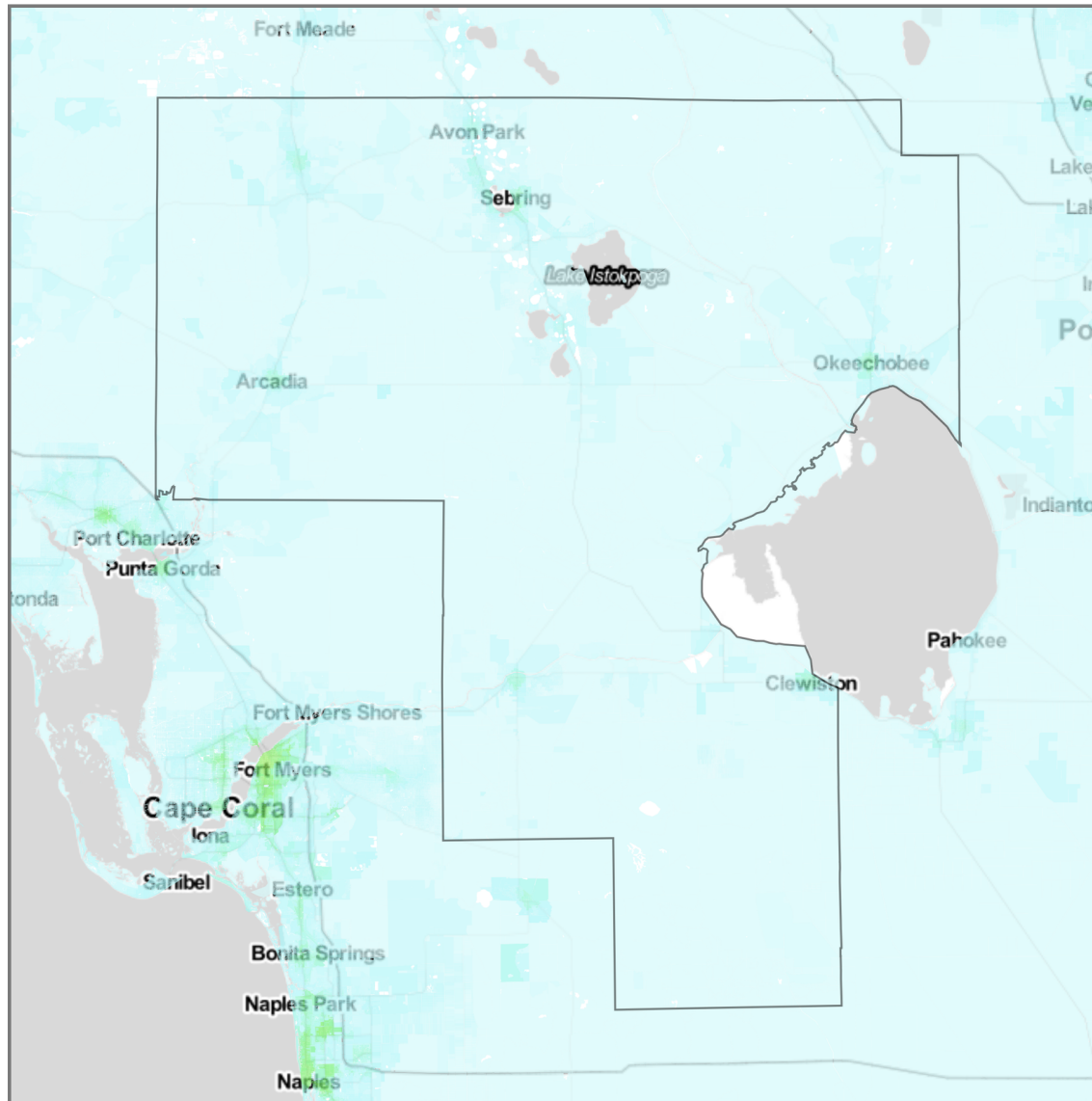
Average Job Accessibility by Travel Time Threshold (worker-weighted)



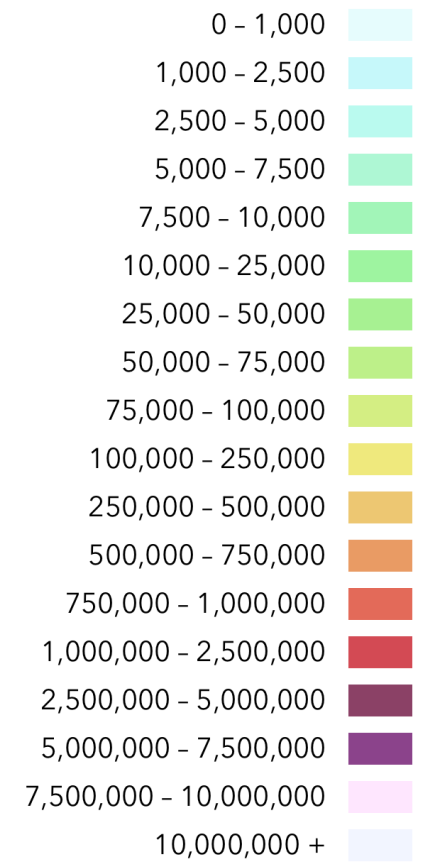
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Heartland Regional TPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

Hernando/Citrus County MPO

Job Accessibility Results—Transit, 2020

1-Year Change in Weighted Accessibility **+11.01%**

Total Jobs **76,965**

Average Job Density (per mi²) **178**

Total Workers **106,460**

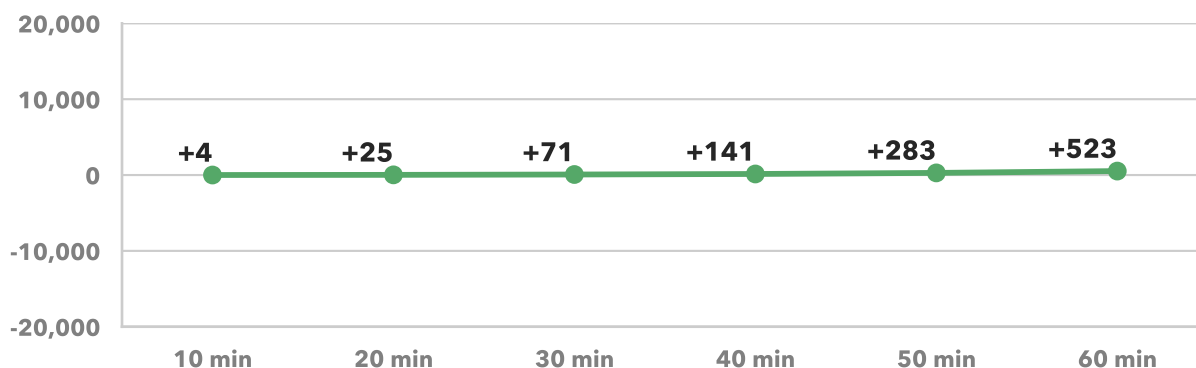
Average Worker Density (per mi²) **246**

Job and worker totals are based on LEHD estimates and may not match other sources.

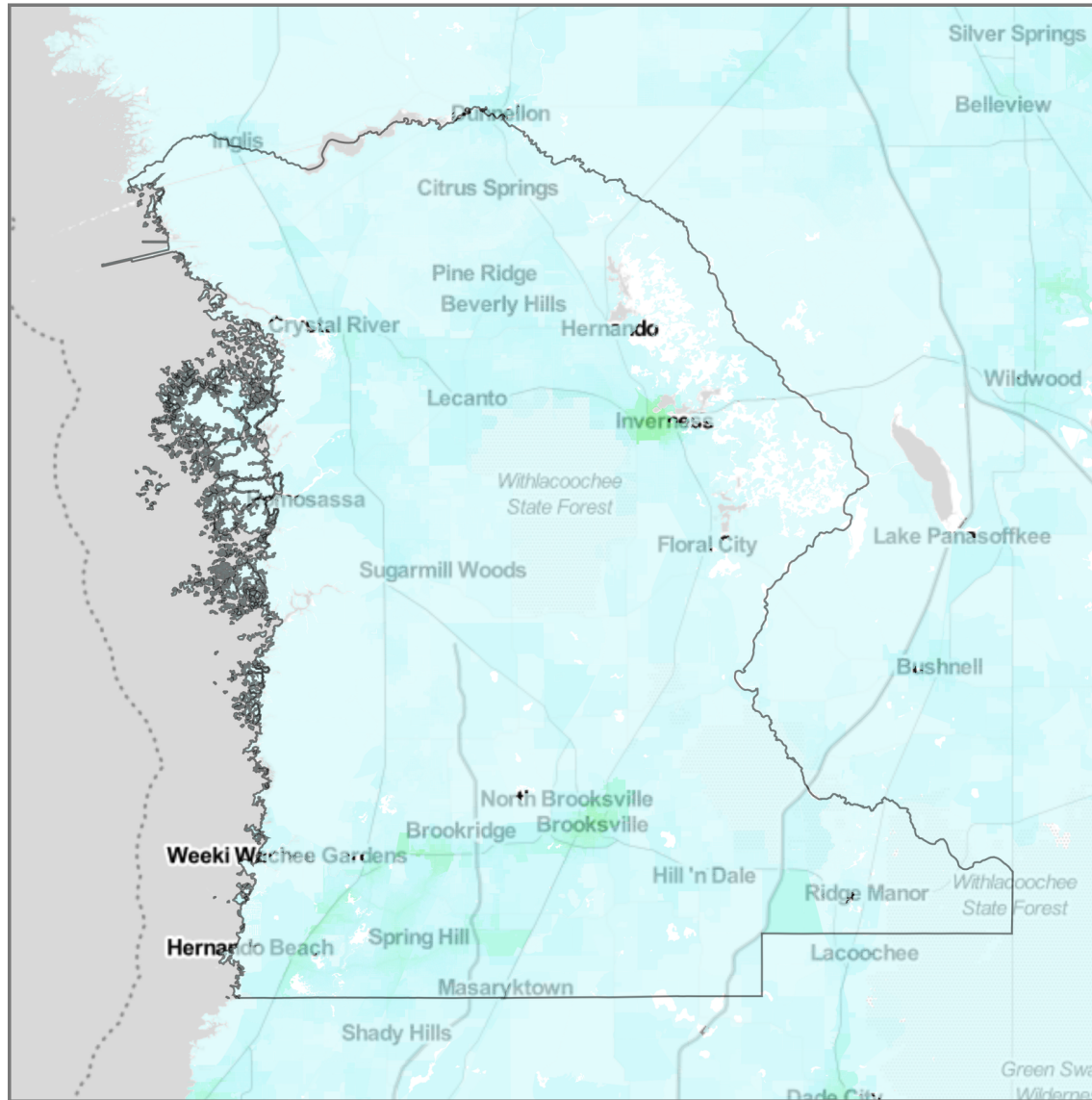
Average Job Accessibility by Travel Time Threshold (worker-weighted)



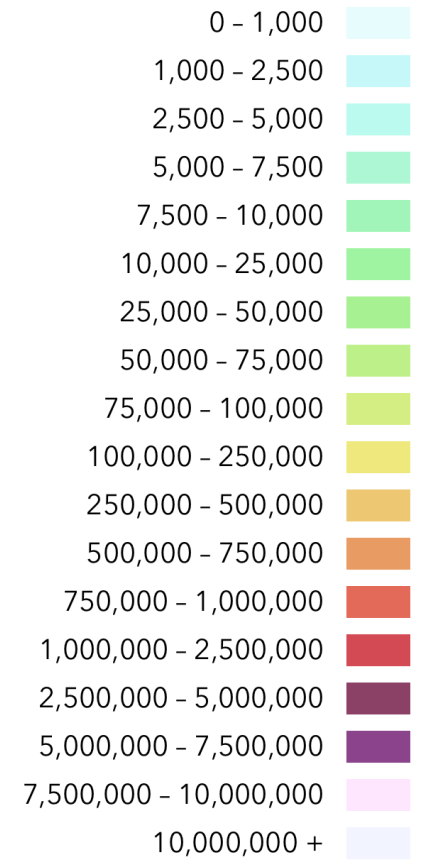
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Hernando/Citrus County MPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

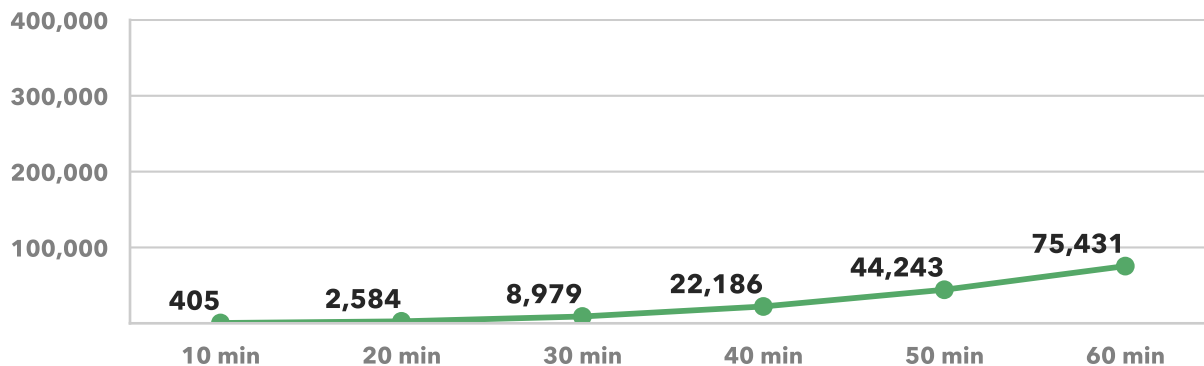
Hillsborough MPO

Job Accessibility Results—Transit, 2020

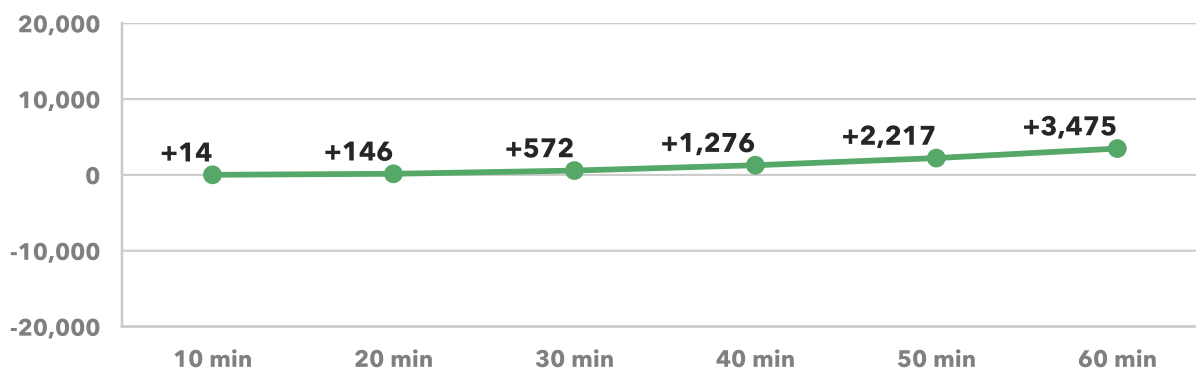
1-Year Change in Weighted Accessibility	+5.63%
Total Jobs	702,623
Average Job Density (per mi ²)	1638
Total Workers	609,745
Average Worker Density (per mi ²)	1422

Job and worker totals are based on LEHD estimates and may not match other sources.

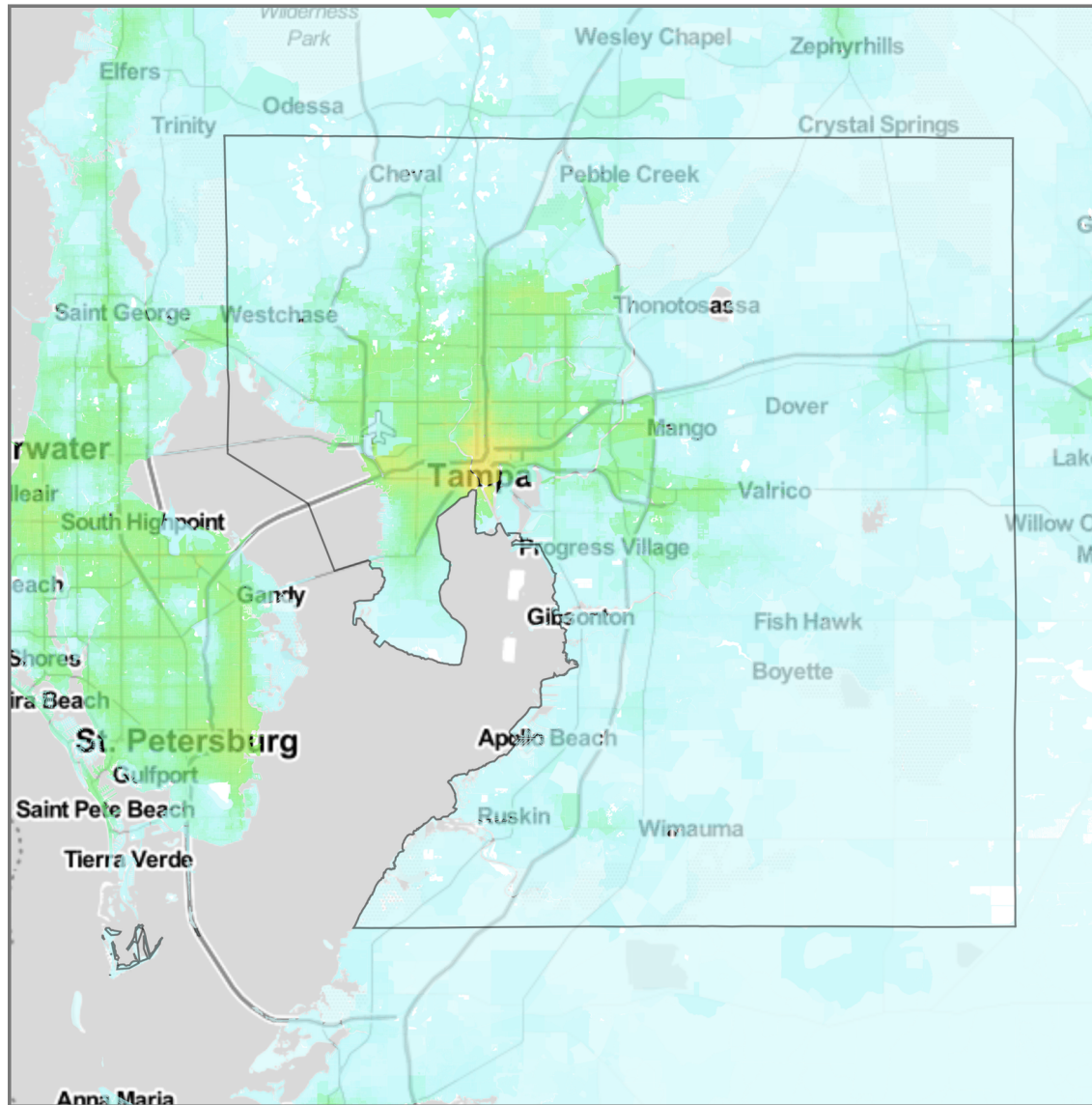
Average Job Accessibility by Travel Time Threshold (worker-weighted)



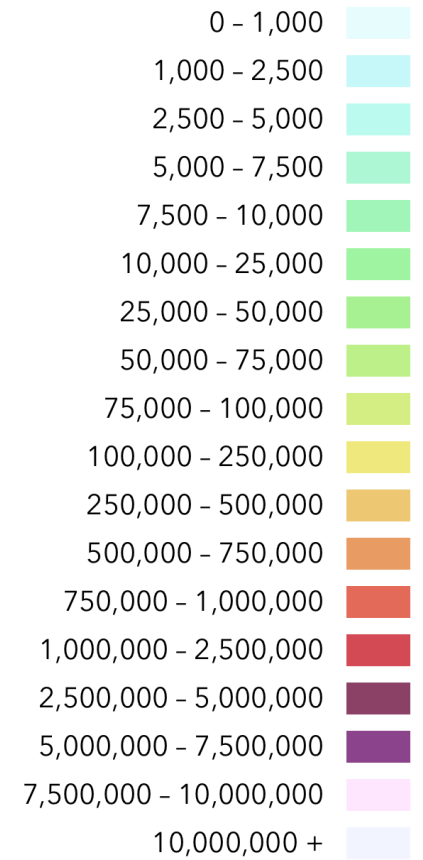
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Hillsborough MPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

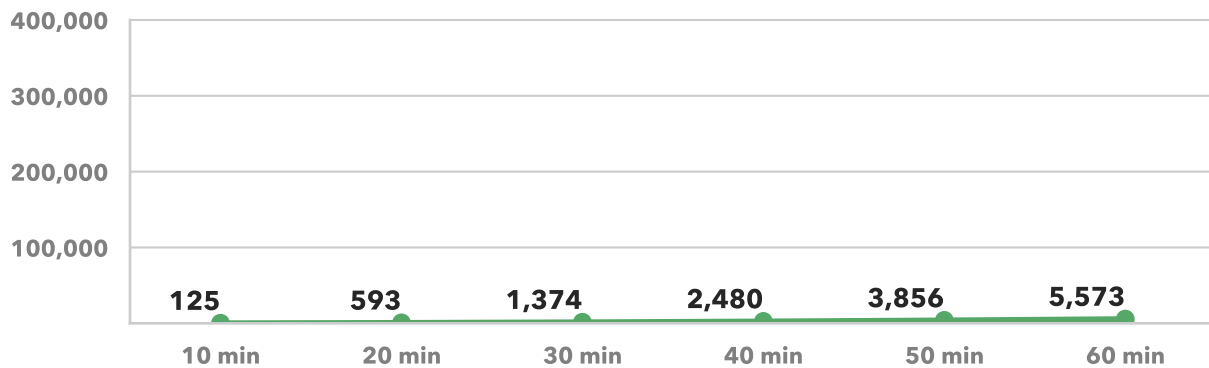
Indian River County MPO

Job Accessibility Results—Transit, 2020

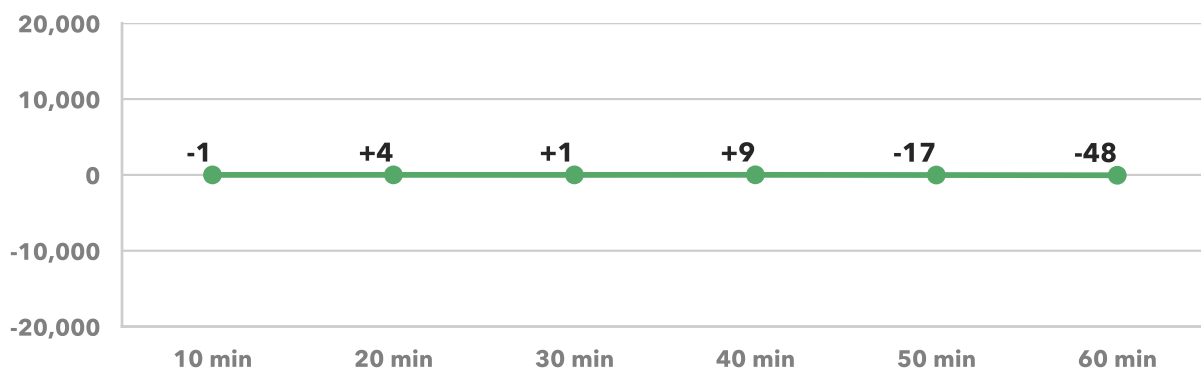
1-Year Change in Weighted Accessibility	-0.04%
Total Jobs	48,133
Average Job Density (per mi ²)	712
Total Workers	54,700
Average Worker Density (per mi ²)	809

Job and worker totals are based on LEHD estimates and may not match other sources.

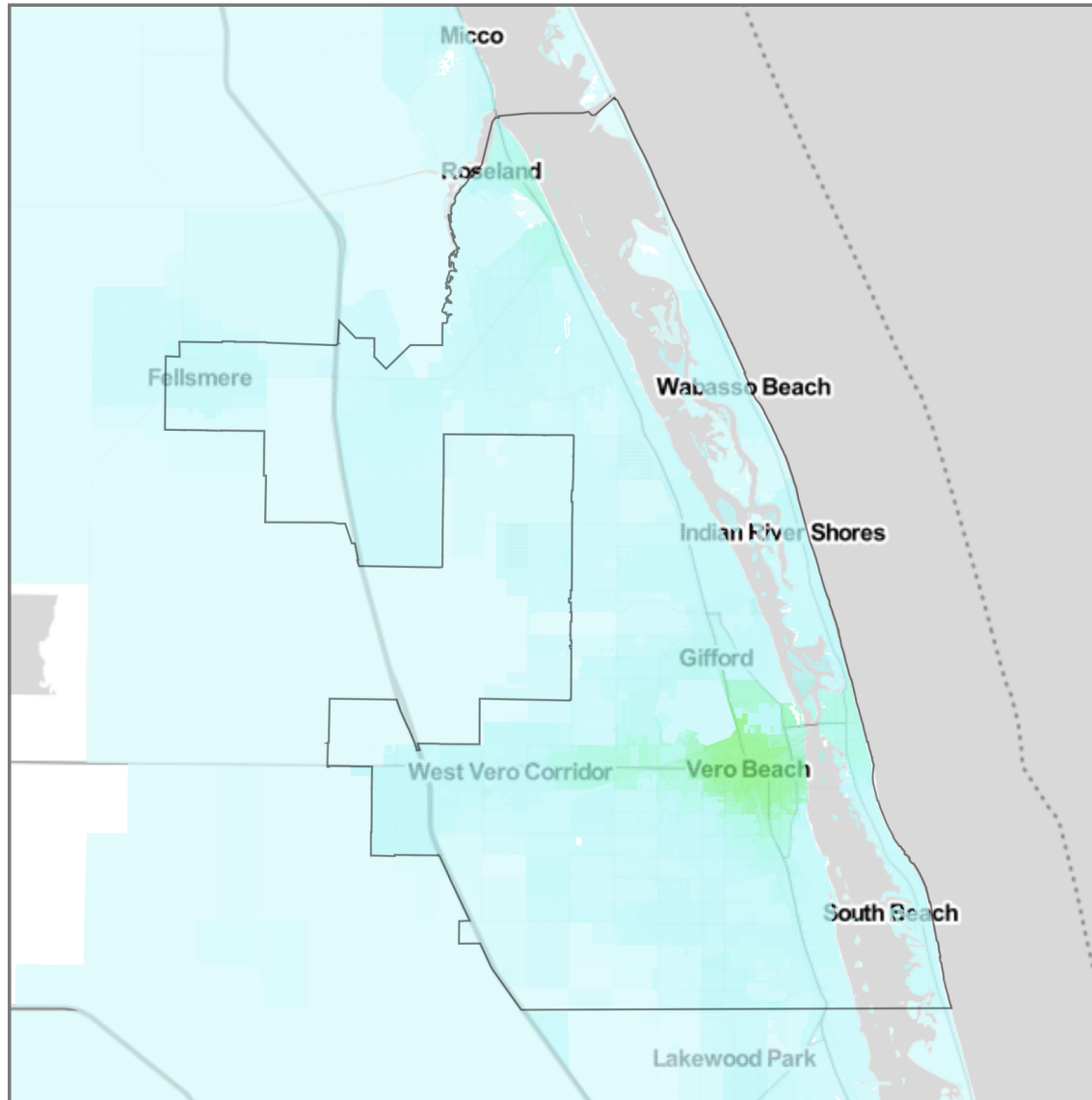
Average Job Accessibility by Travel Time Threshold (worker-weighted)



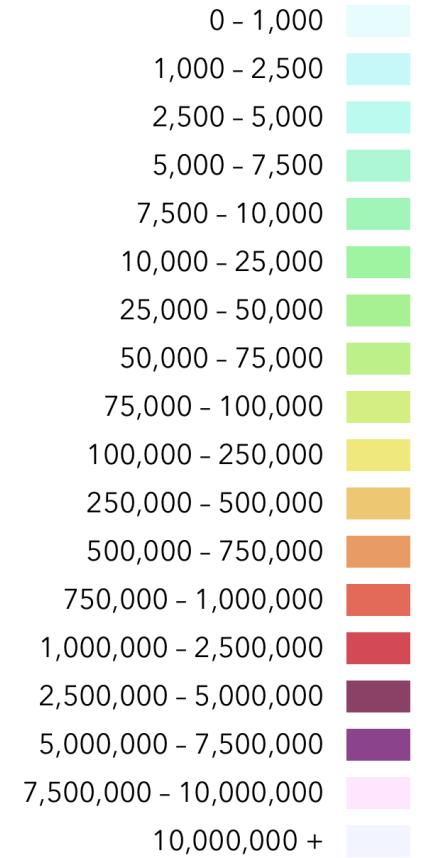
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Indian River County MPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

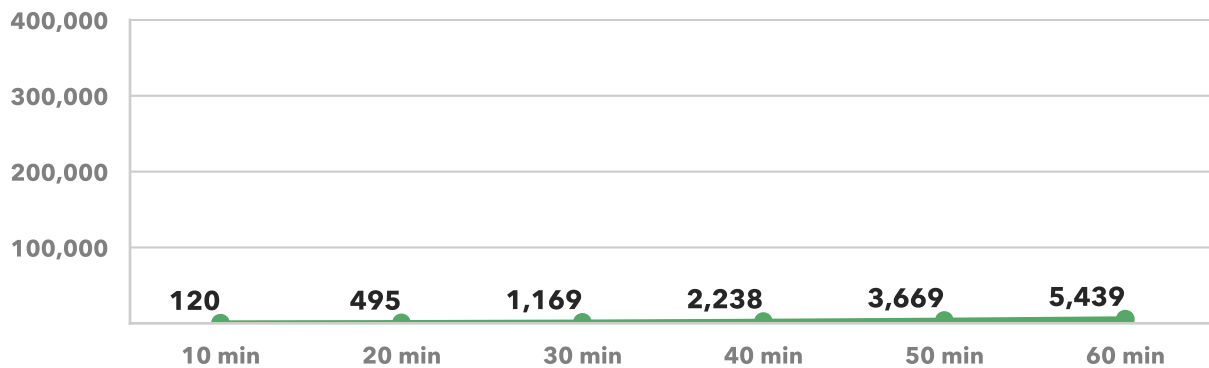
Lake-Sumter MPO

Job Accessibility Results—Transit, 2020

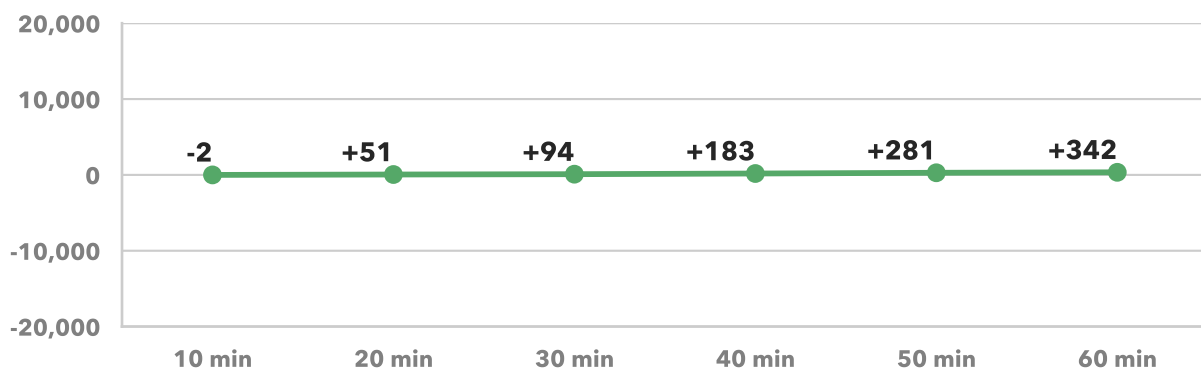
1-Year Change in Weighted Accessibility	+7.68%
Total Jobs	123,015
Average Job Density (per mi ²)	184
Total Workers	160,915
Average Worker Density (per mi ²)	241

Job and worker totals are based on LEHD estimates and may not match other sources.

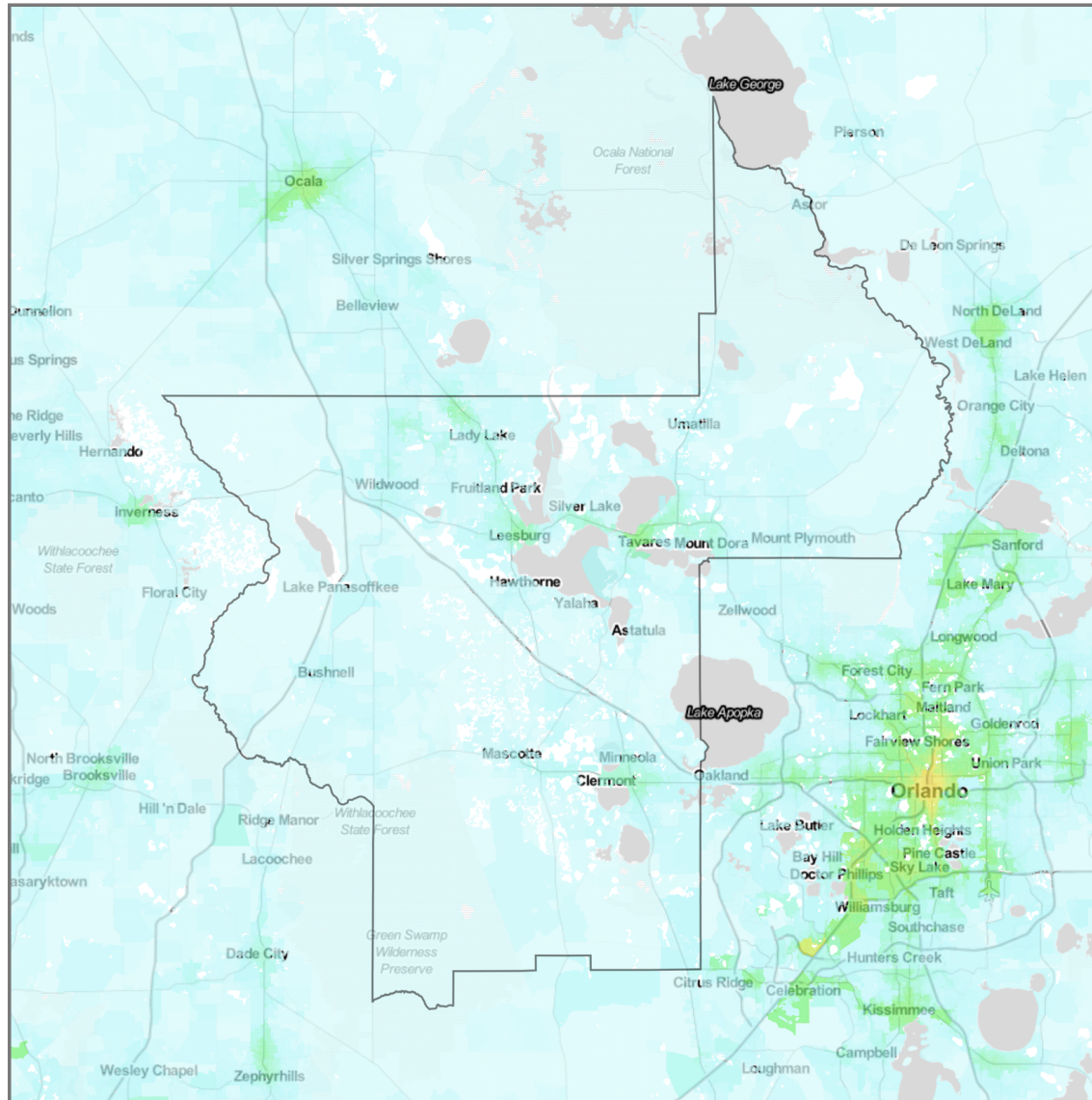
Average Job Accessibility by Travel Time Threshold (worker-weighted)



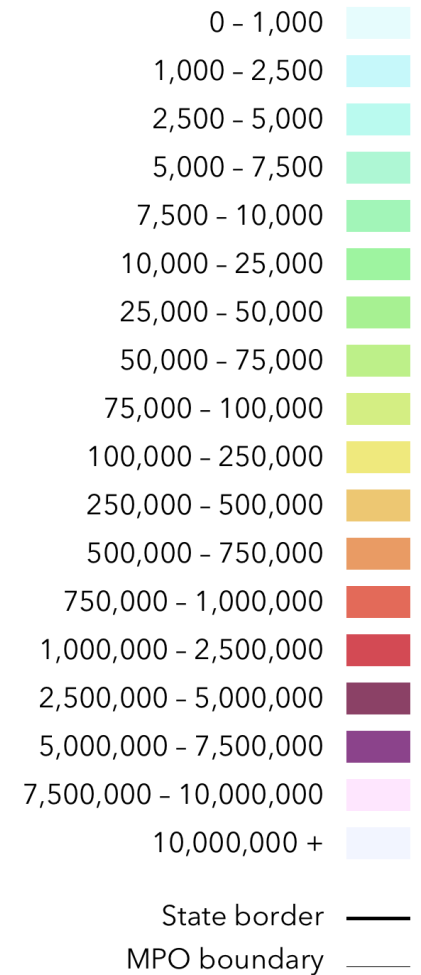
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Lake-Sumter MPO



Jobs within 30 minutes
(Transit, AM peak)



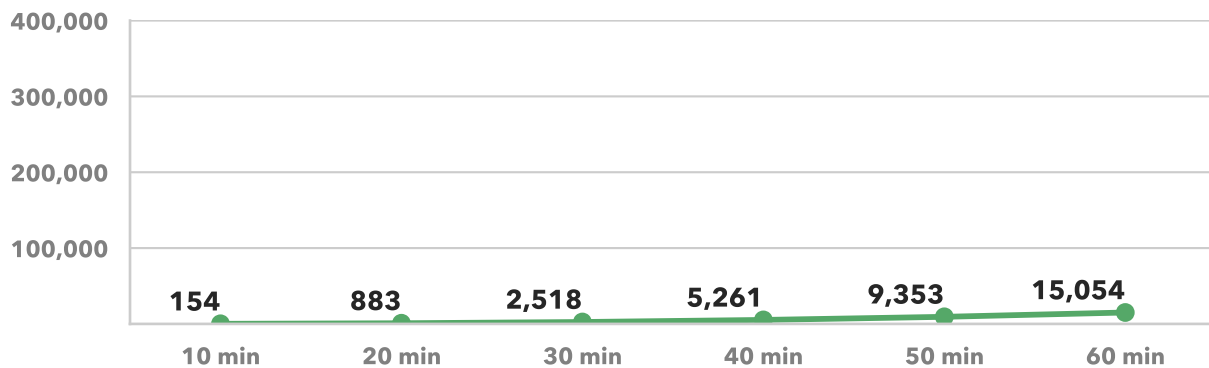
Lee County MPO

Job Accessibility Results—Transit, 2020

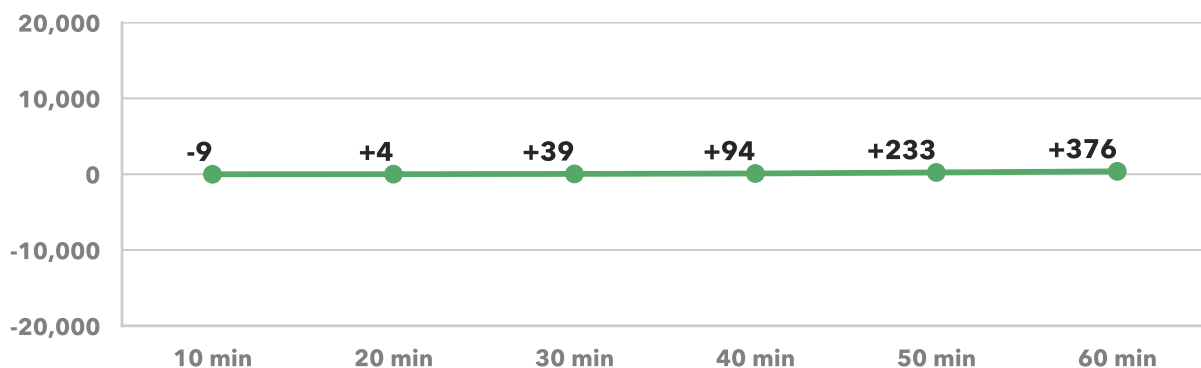
1-Year Change in Weighted Accessibility	+1.31%
Total Jobs	247,684
Average Job Density (per mi ²)	777
Total Workers	264,790
Average Worker Density (per mi ²)	830

Job and worker totals are based on LEHD estimates and may not match other sources.

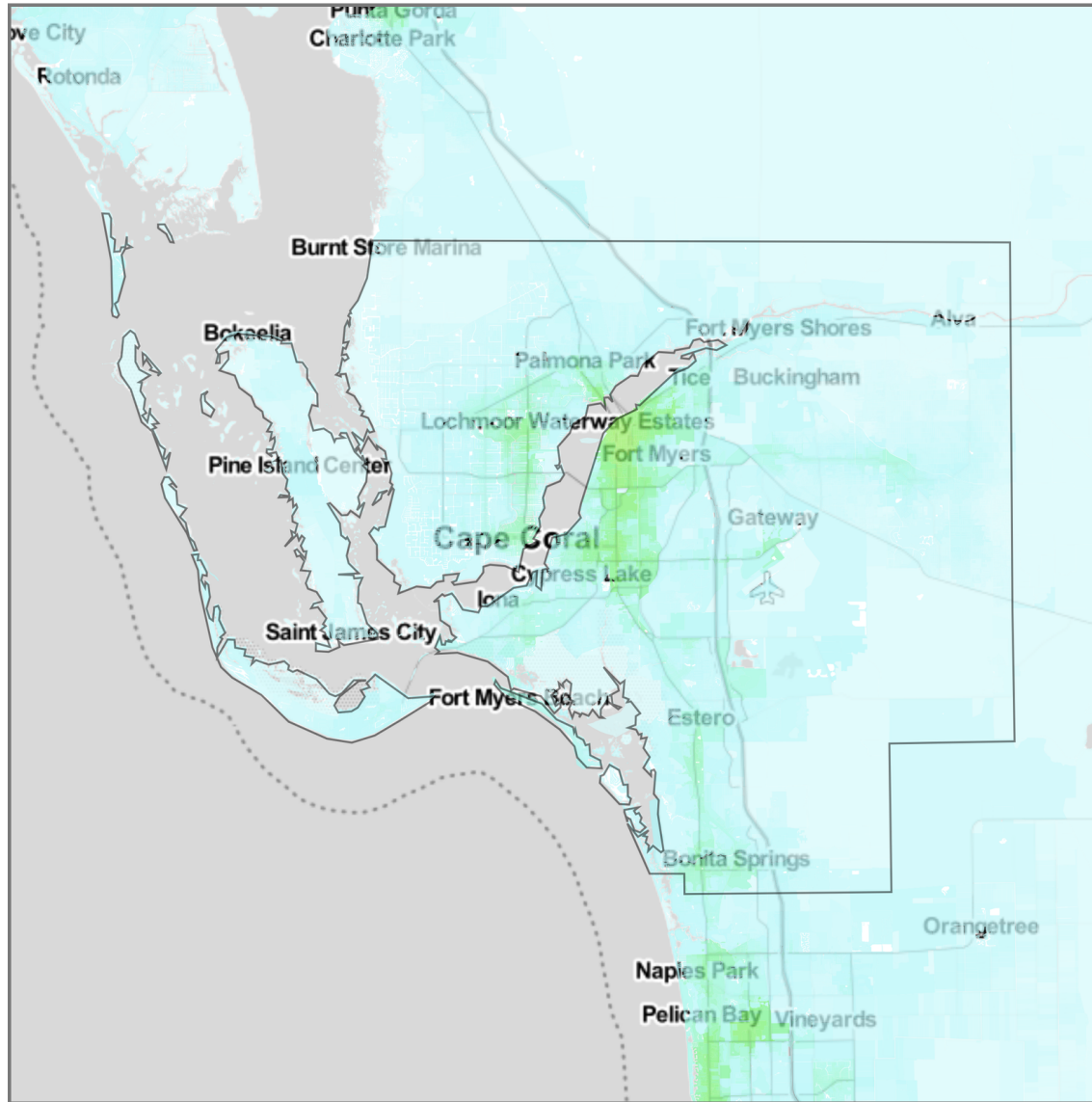
Average Job Accessibility by Travel Time Threshold (worker-weighted)



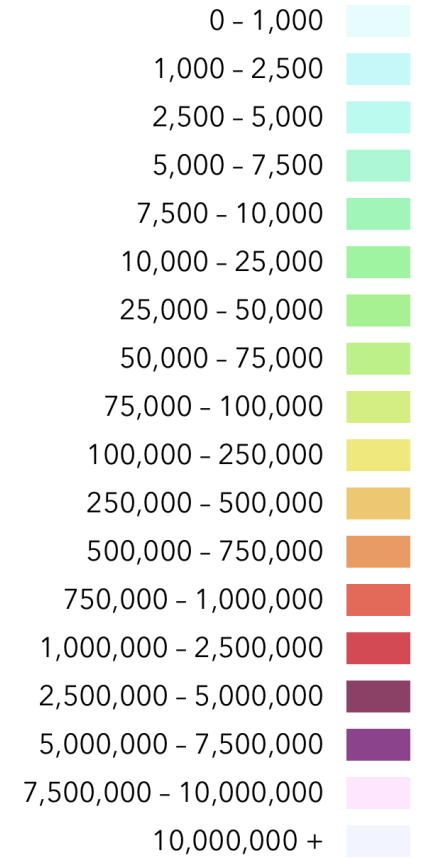
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Lee County MPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

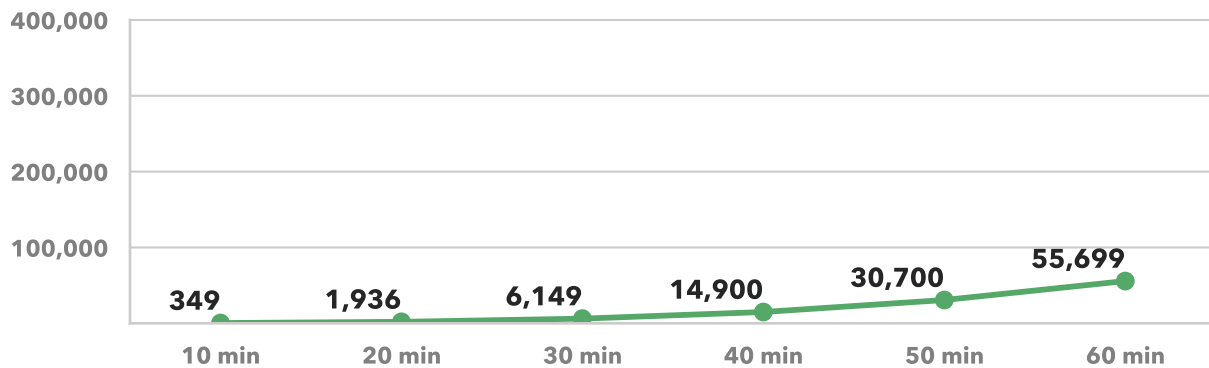
METROPLAN Orlando

Job Accessibility Results—Transit, 2020

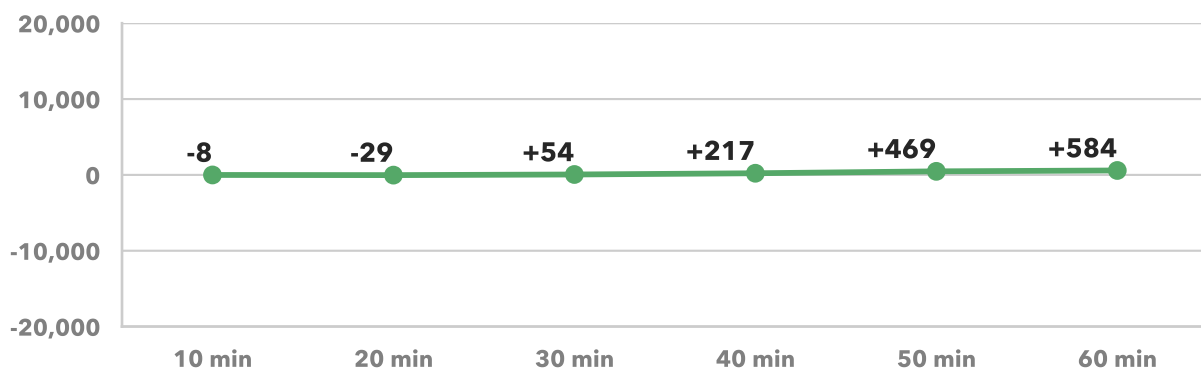
1-Year Change in Weighted Accessibility	+0.70%
Total Jobs	1,164,787
Average Job Density (per mi ²)	1055
Total Workers	998,633
Average Worker Density (per mi ²)	905

Job and worker totals are based on LEHD estimates and may not match other sources.

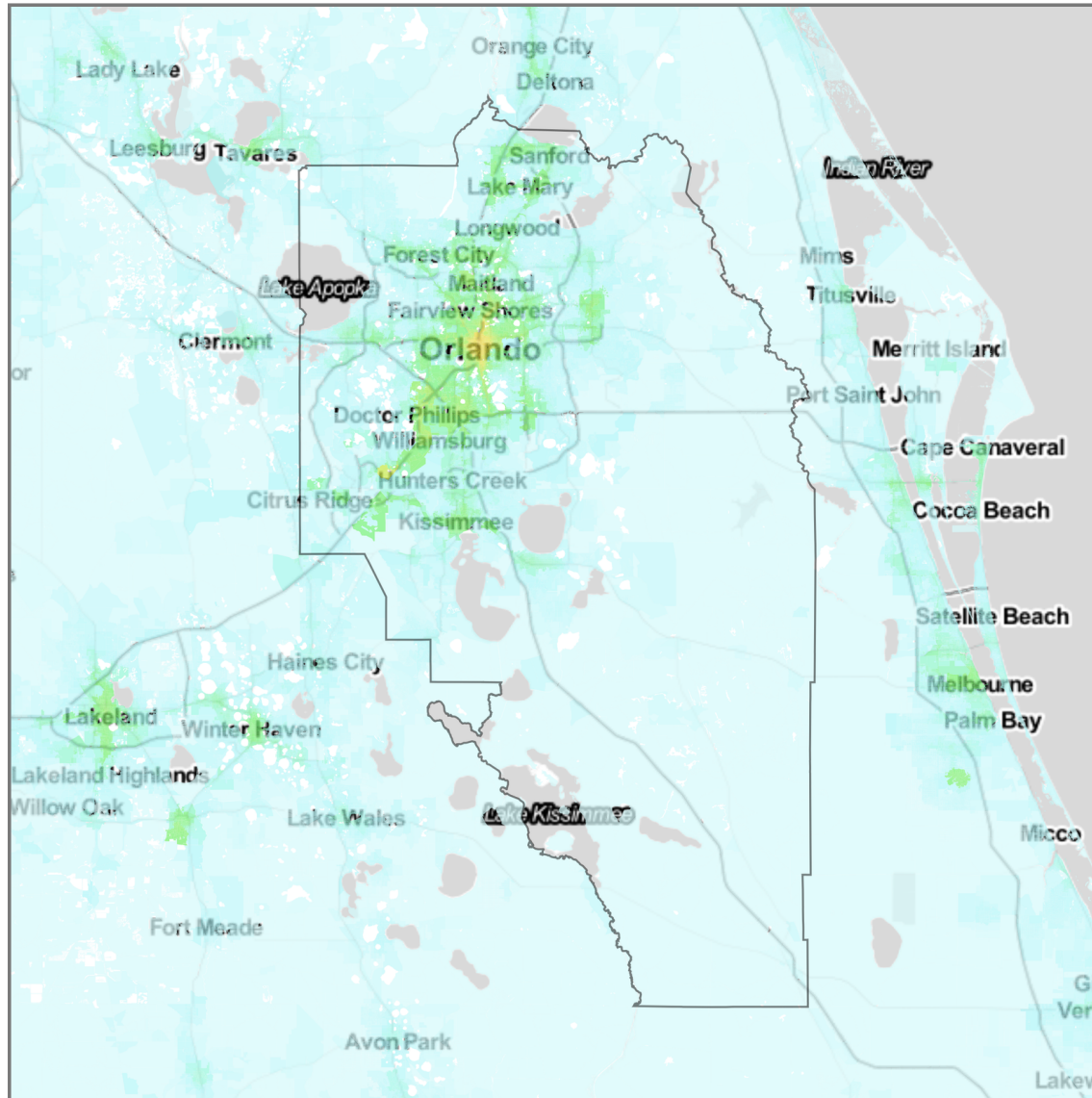
Average Job Accessibility by Travel Time Threshold (worker-weighted)



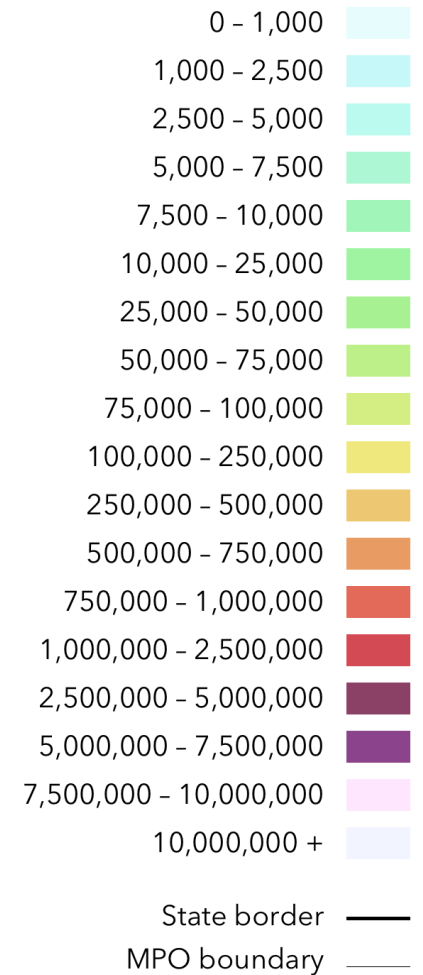
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



METROPLAN Orlando



Jobs within 30 minutes
(Transit, AM peak)



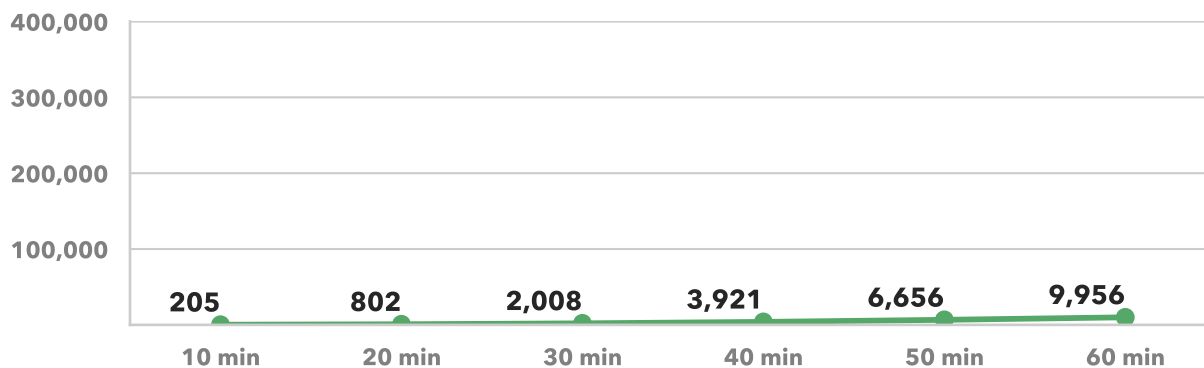
Martin MPO

Job Accessibility Results—Transit, 2020

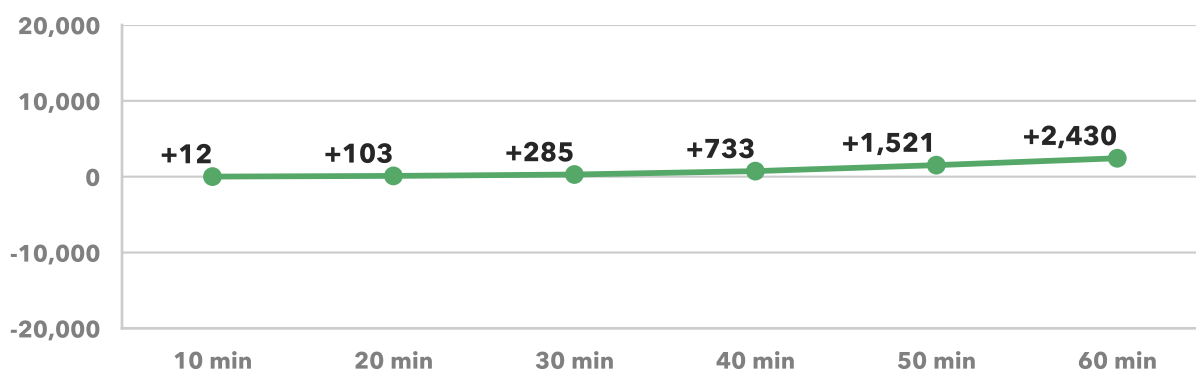
1-Year Change in Weighted Accessibility	+20.27%
Total Jobs	66,473
Average Job Density (per mi ²)	316
Total Workers	60,224
Average Worker Density (per mi ²)	286

Job and worker totals are based on LEHD estimates and may not match other sources.

Average Job Accessibility by Travel Time Threshold (worker-weighted)

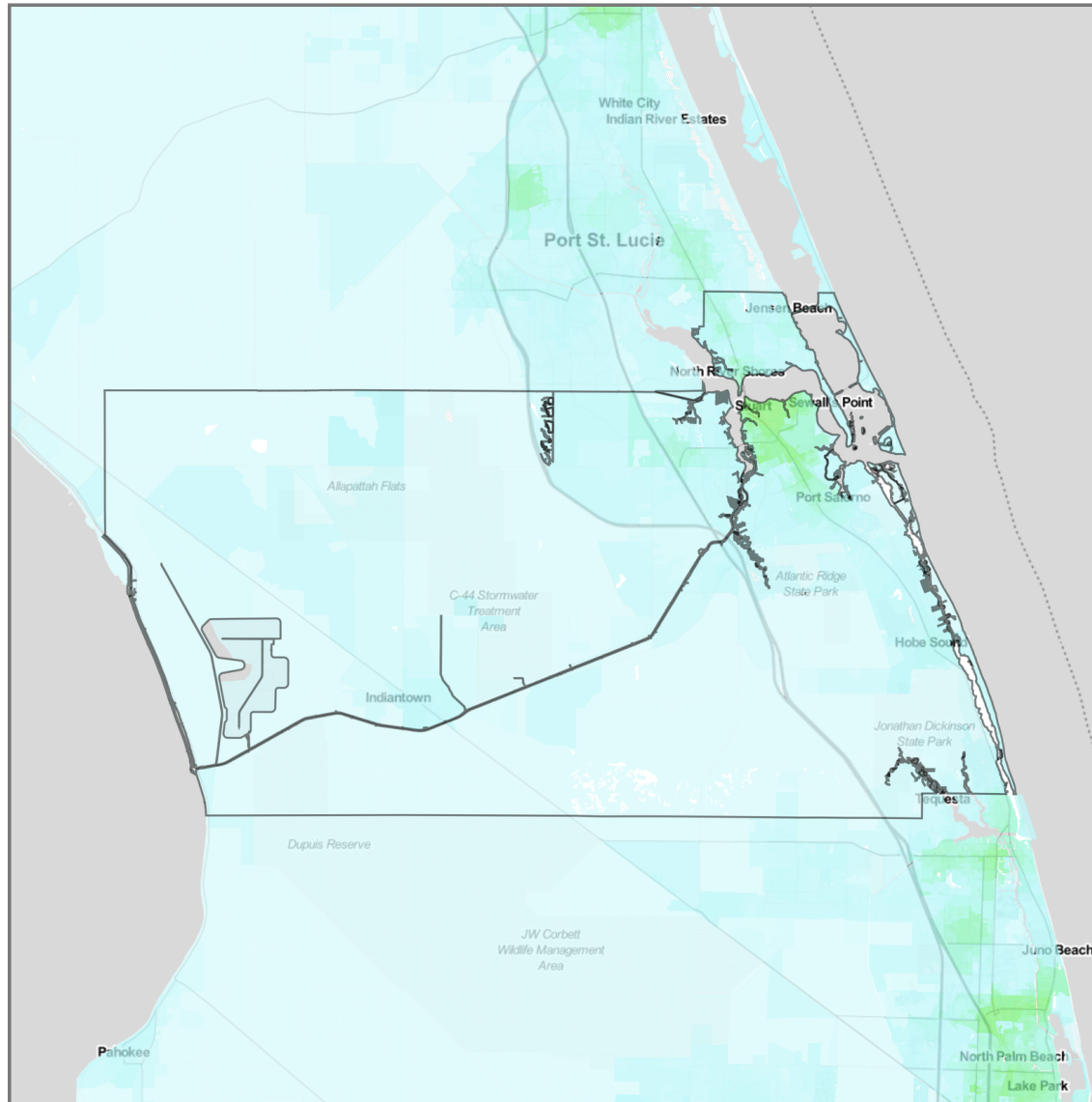


Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)

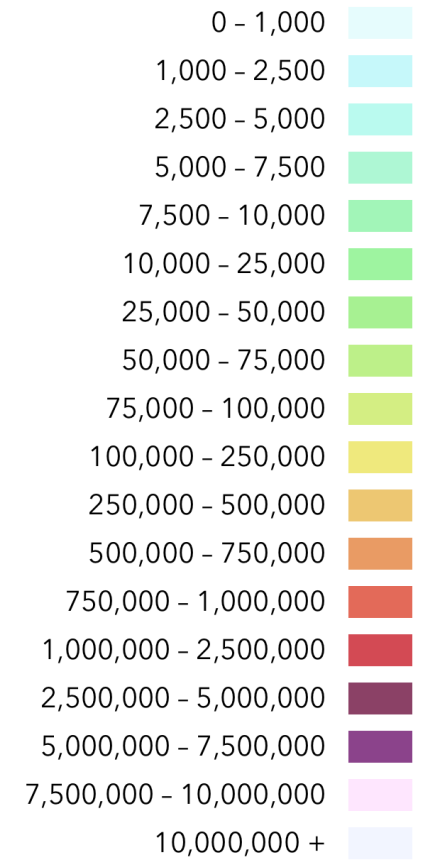


Martin MPO

35



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

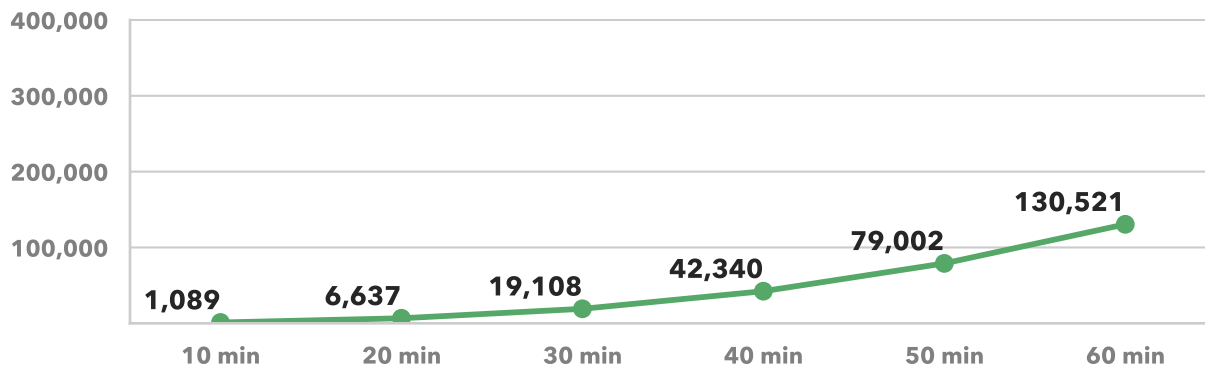
Miami-Dade MPO

Job Accessibility Results—Transit, 2020

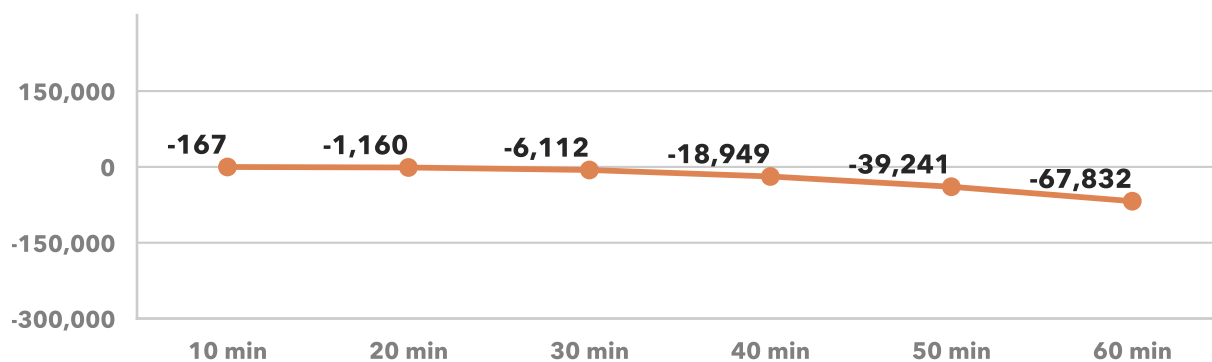
1-Year Change in Weighted Accessibility	-27.94%
Total Jobs	1,123,350
Average Job Density (per mi ²)	1440
Total Workers	1,081,941
Average Worker Density (per mi ²)	1387

Job and worker totals are based on LEHD estimates and may not match other sources.

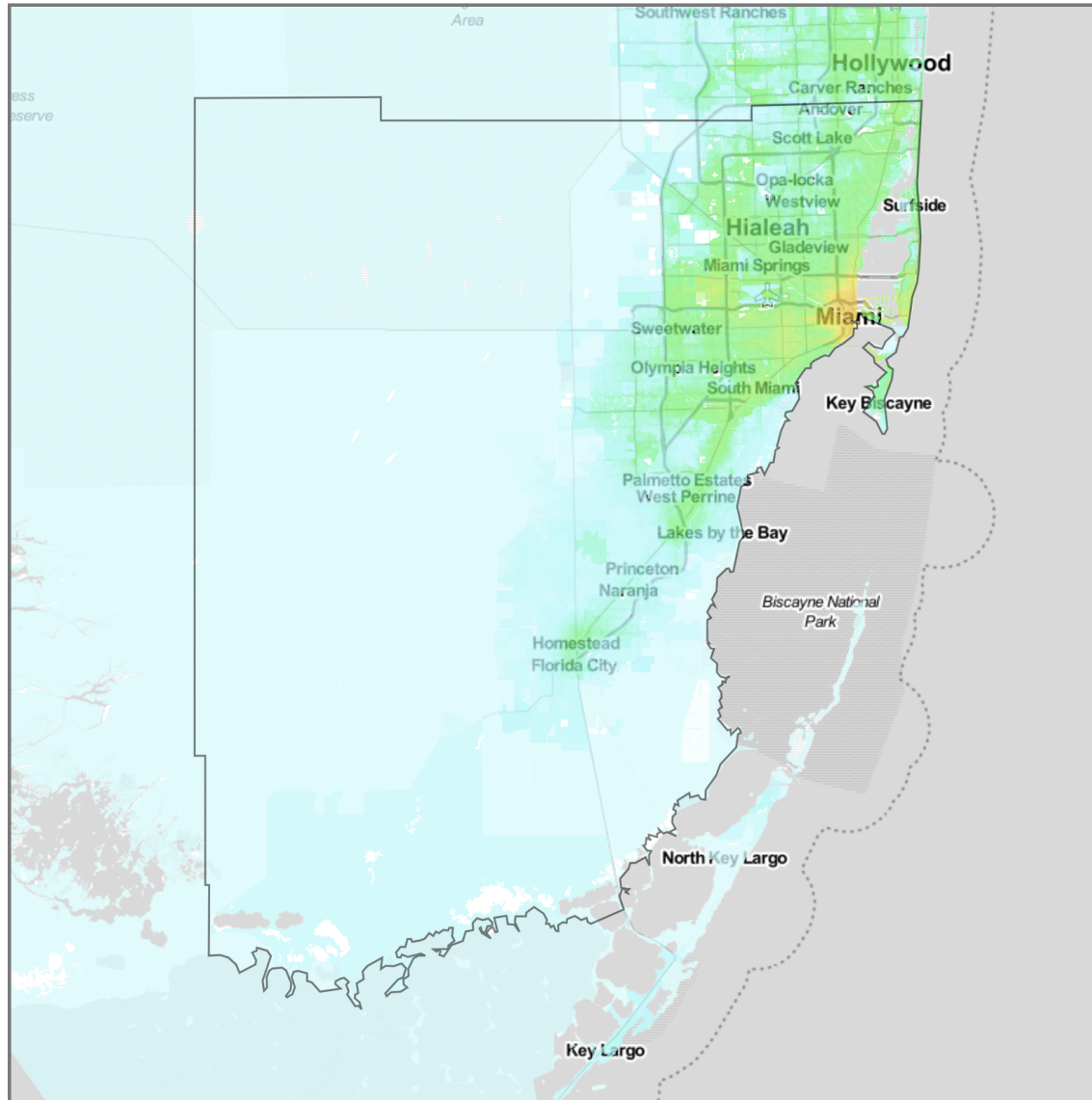
Average Job Accessibility by Travel Time Threshold (worker-weighted)



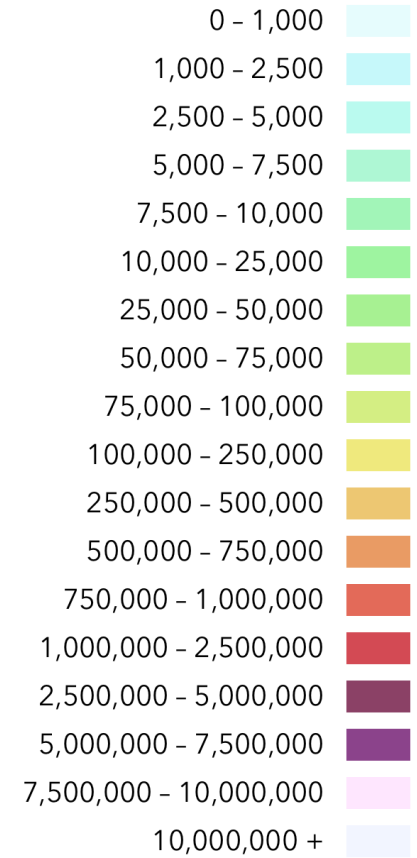
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Miami-Dade MPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

North Florida Transportation Planning Organization

Job Accessibility Results—Transit, 2020

1-Year Change in Weighted Accessibility **+3.07%**

Total Jobs **687,323**

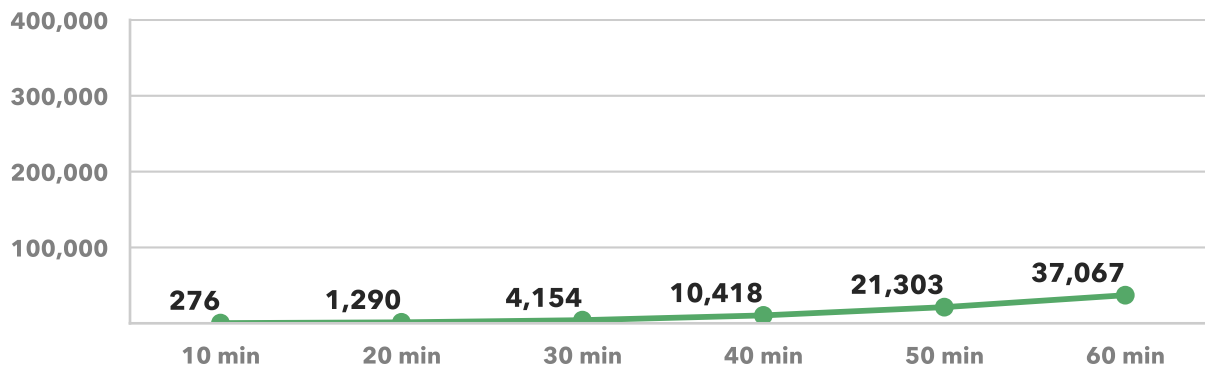
Average Job Density (per mi²) **664**

Total Workers **652,213**

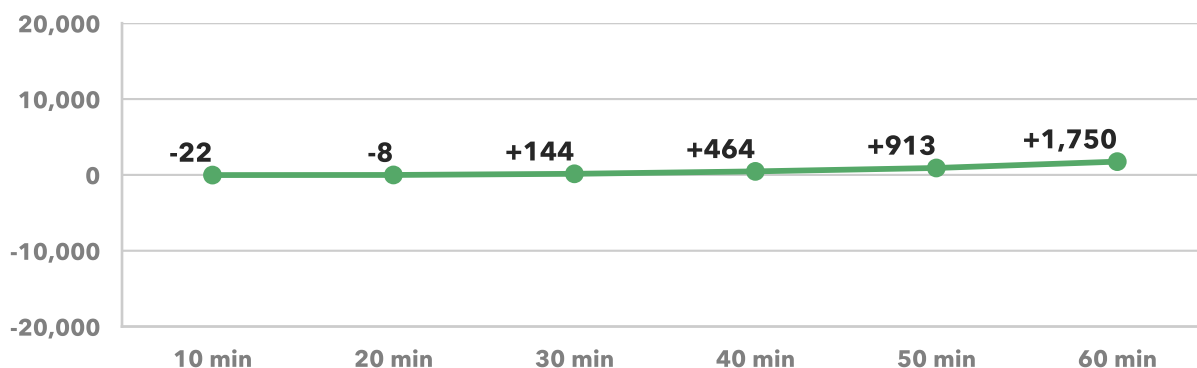
Average Worker Density (per mi²) **630**

Job and worker totals are based on LEHD estimates and may not match other sources.

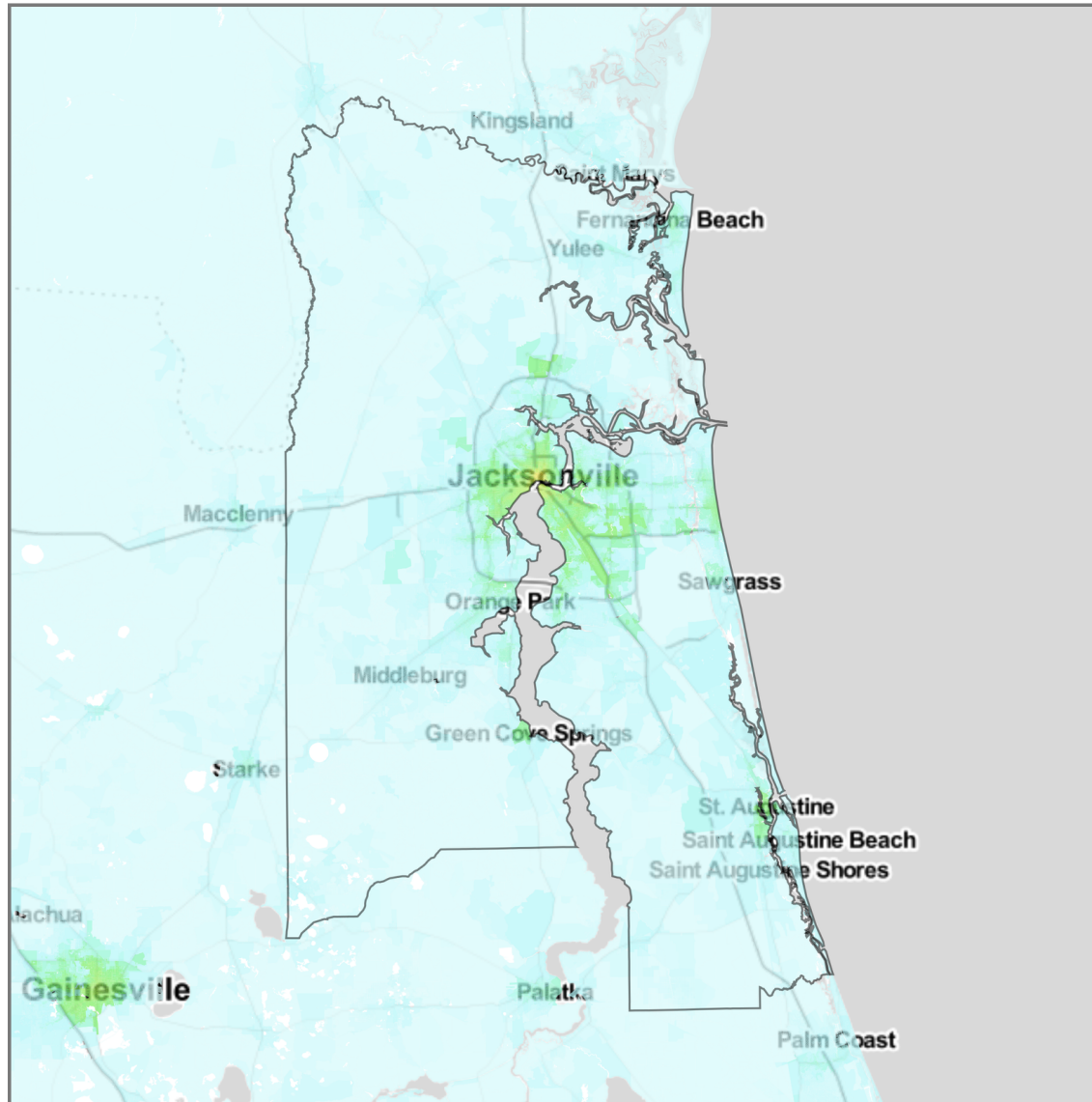
Average Job Accessibility by Travel Time Threshold (worker-weighted)



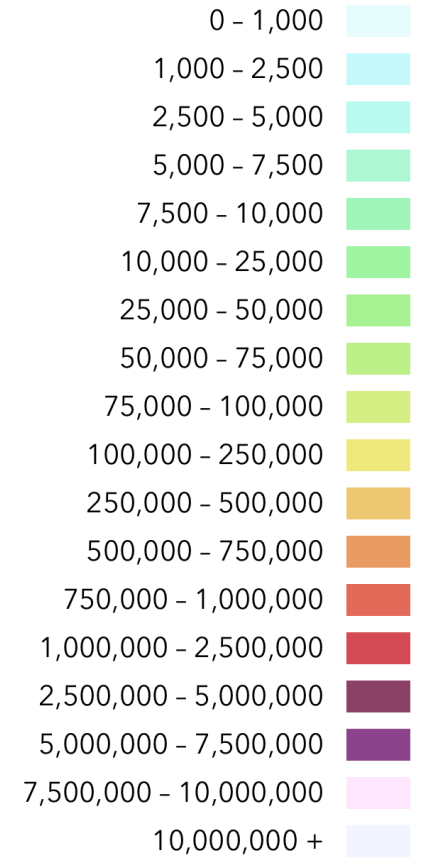
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



North Florida Transportation Planning Organization



Jobs within 30 minutes
(Transit, AM peak)



State border

MPO boundary

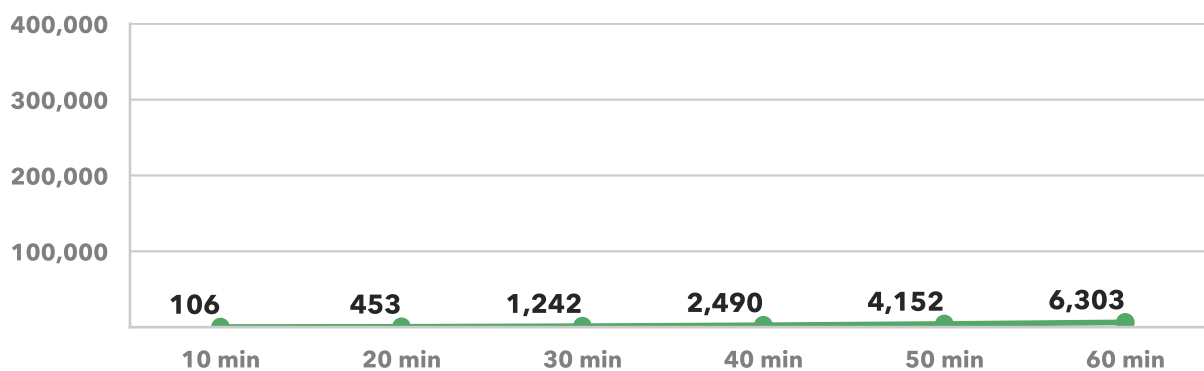
Ocala - Marion County Transportation Planning Organization

Job Accessibility Results—Transit, 2020

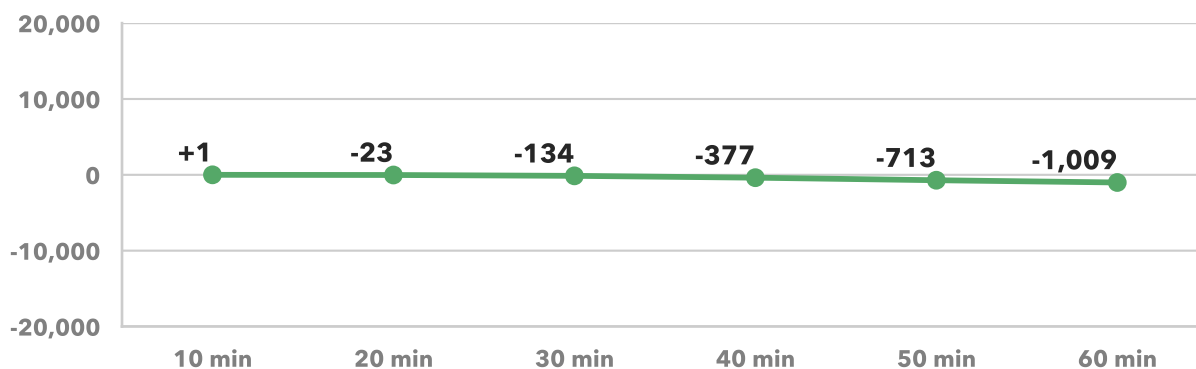
1-Year Change in Weighted Accessibility	-10.26%
Total Jobs	101,552
Average Job Density (per mi ²)	158
Total Workers	120,513
Average Worker Density (per mi ²)	188

Job and worker totals are based on LEHD estimates and may not match other sources.

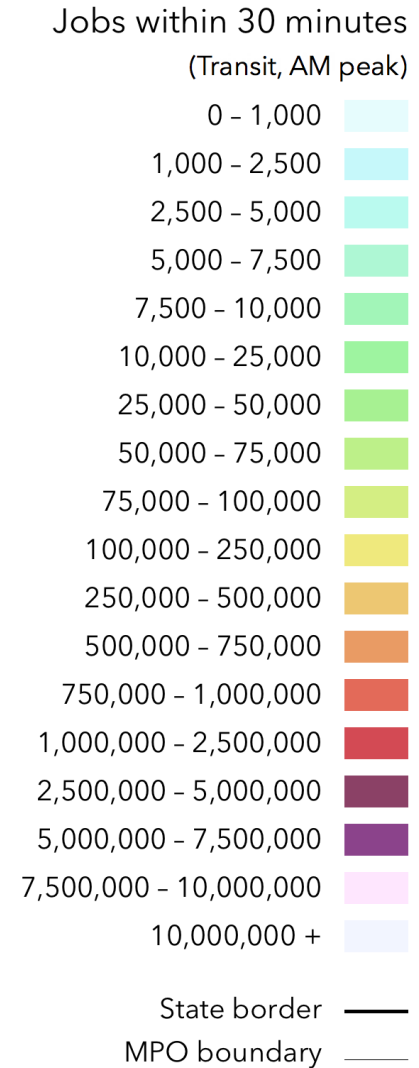
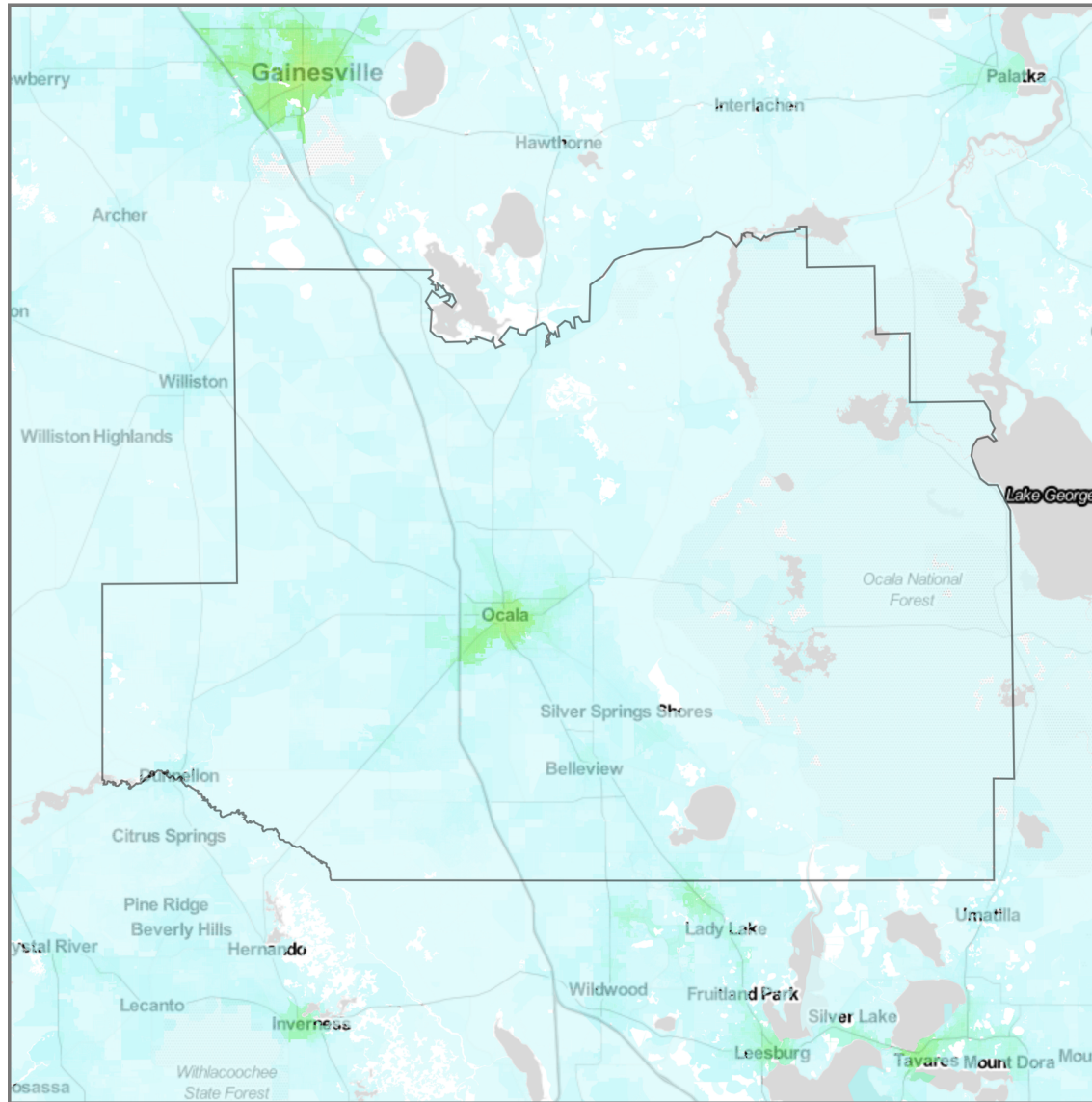
Average Job Accessibility by Travel Time Threshold (worker-weighted)



Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Ocala - Marion County Transportation Planning Organization



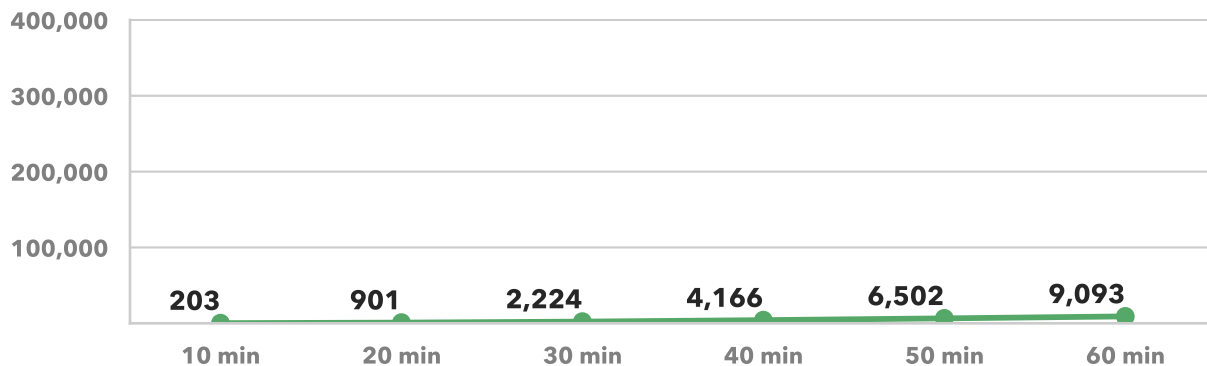
Okaloosa-Walton Transportation Planning Organization

Job Accessibility Results—Transit, 2020

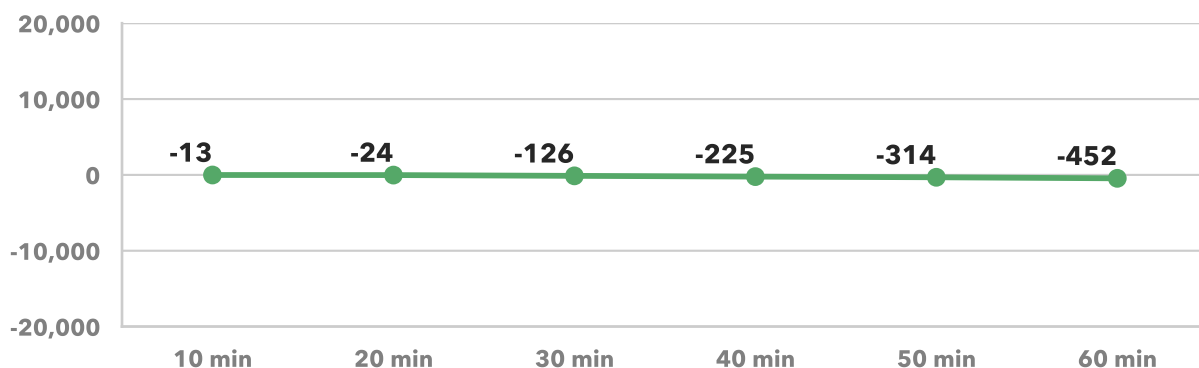
1-Year Change in Weighted Accessibility	-4.64%
Total Jobs	112,618
Average Job Density (per mi ²)	200
Total Workers	94,338
Average Worker Density (per mi ²)	167

Job and worker totals are based on LEHD estimates and may not match other sources.

Average Job Accessibility by Travel Time Threshold (worker-weighted)

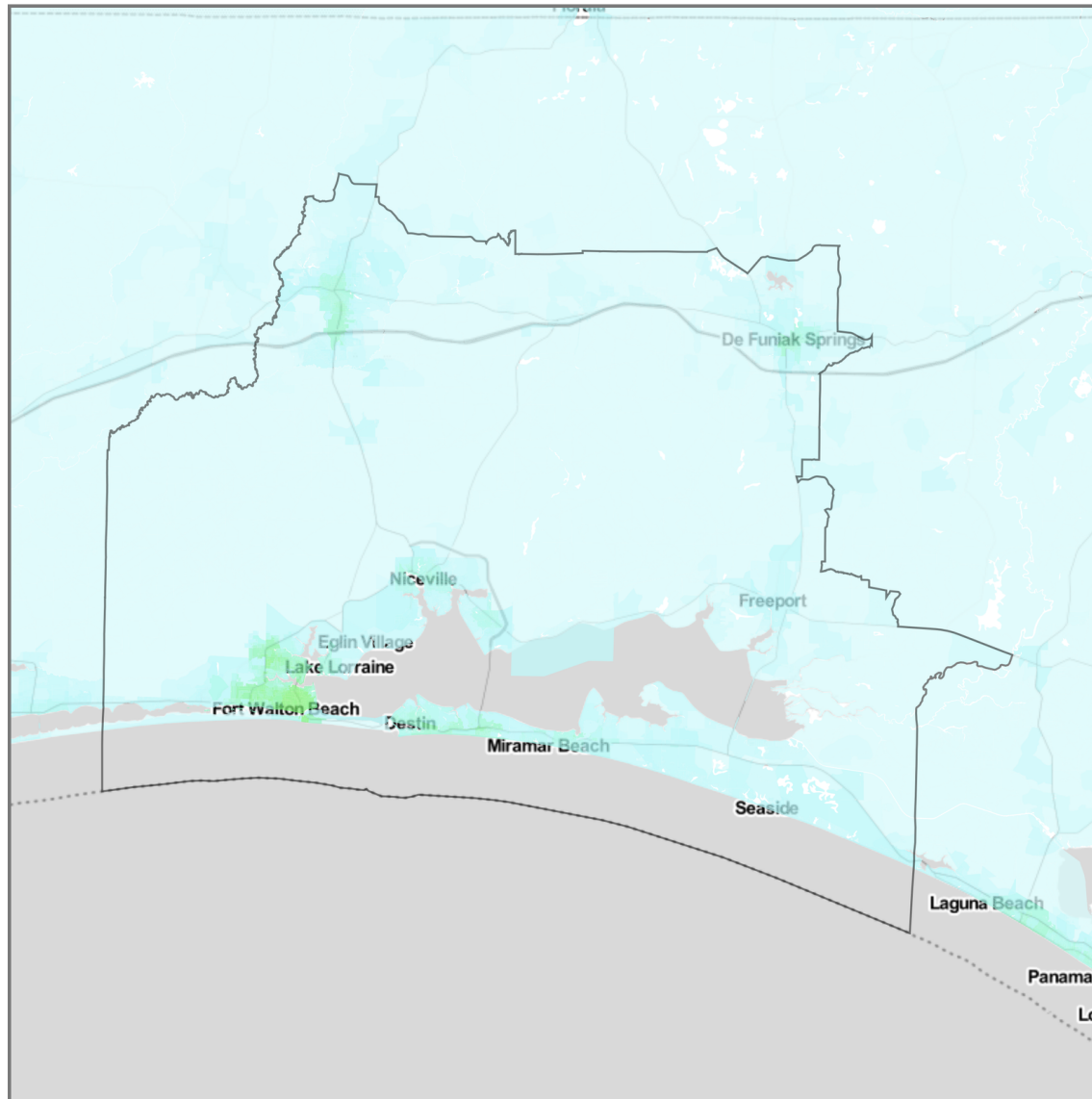


Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)

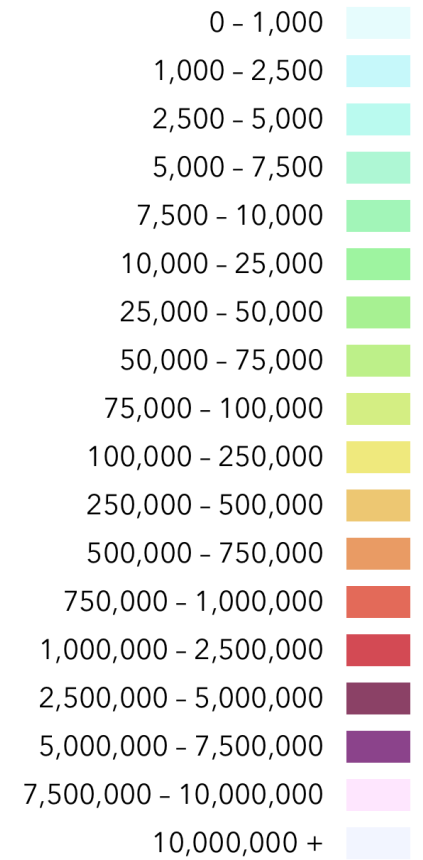


Okaloosa-Walton Transportation Planning Organization

43



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

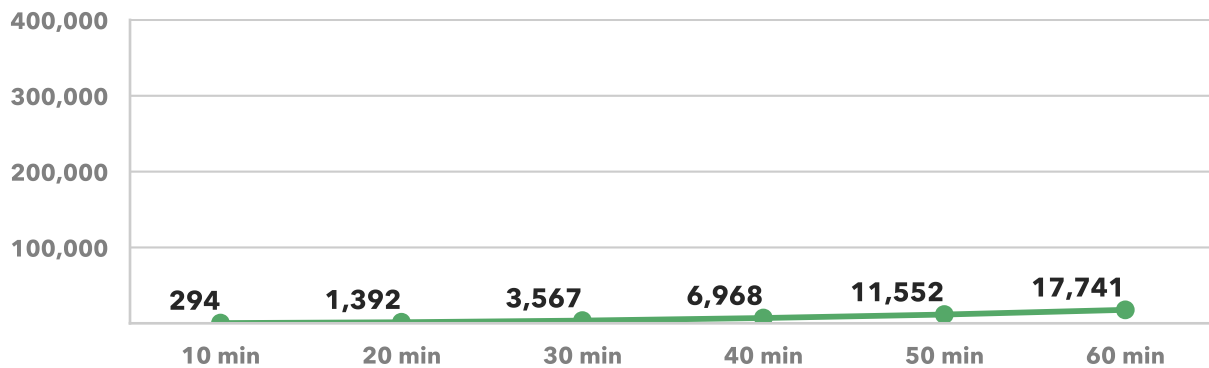
Palm Beach MPO

Job Accessibility Results—Transit, 2020

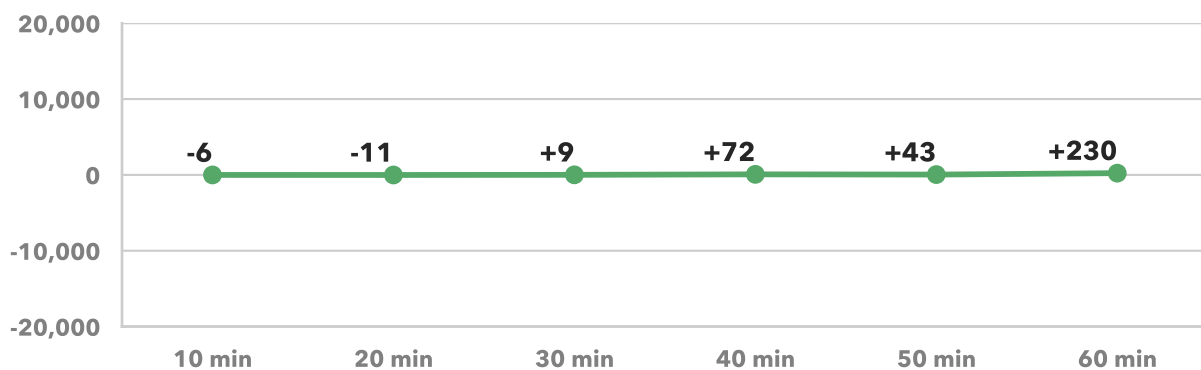
1-Year Change in Weighted Accessibility	+0.20%
Total Jobs	604,516
Average Job Density (per mi ²)	791
Total Workers	578,036
Average Worker Density (per mi ²)	756

Job and worker totals are based on LEHD estimates and may not match other sources.

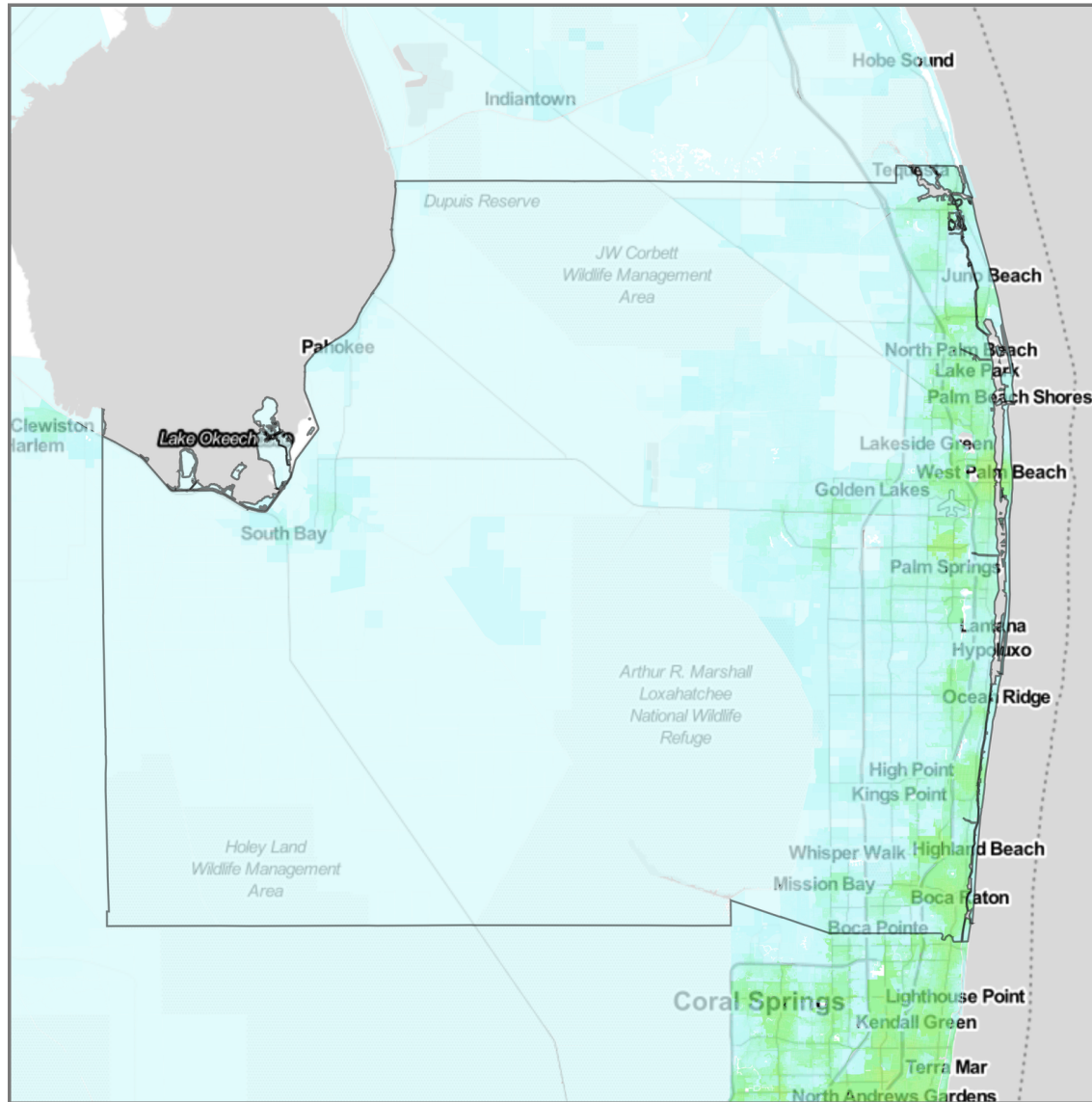
Average Job Accessibility by Travel Time Threshold (worker-weighted)



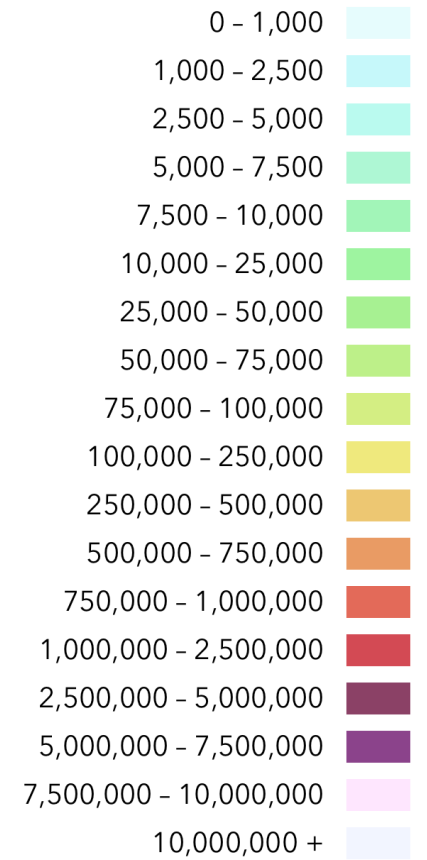
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Palm Beach MPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

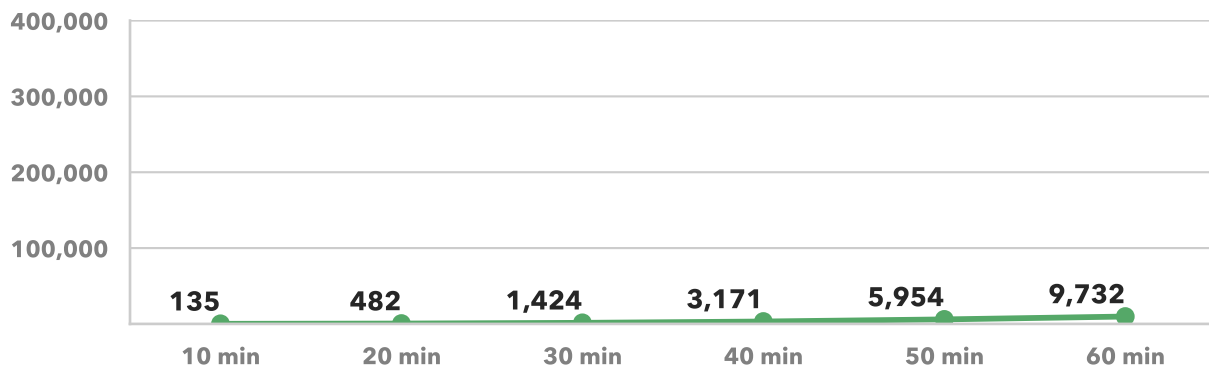
Pasco County MPO

Job Accessibility Results—Transit, 2020

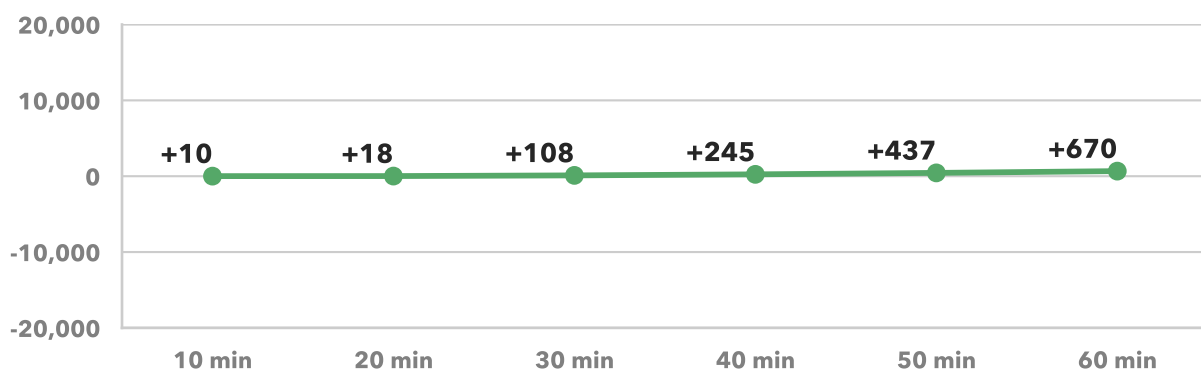
1-Year Change in Weighted Accessibility	+7.35%
Total Jobs	118,991
Average Job Density (per mi ²)	402
Total Workers	199,646
Average Worker Density (per mi ²)	674

Job and worker totals are based on LEHD estimates and may not match other sources.

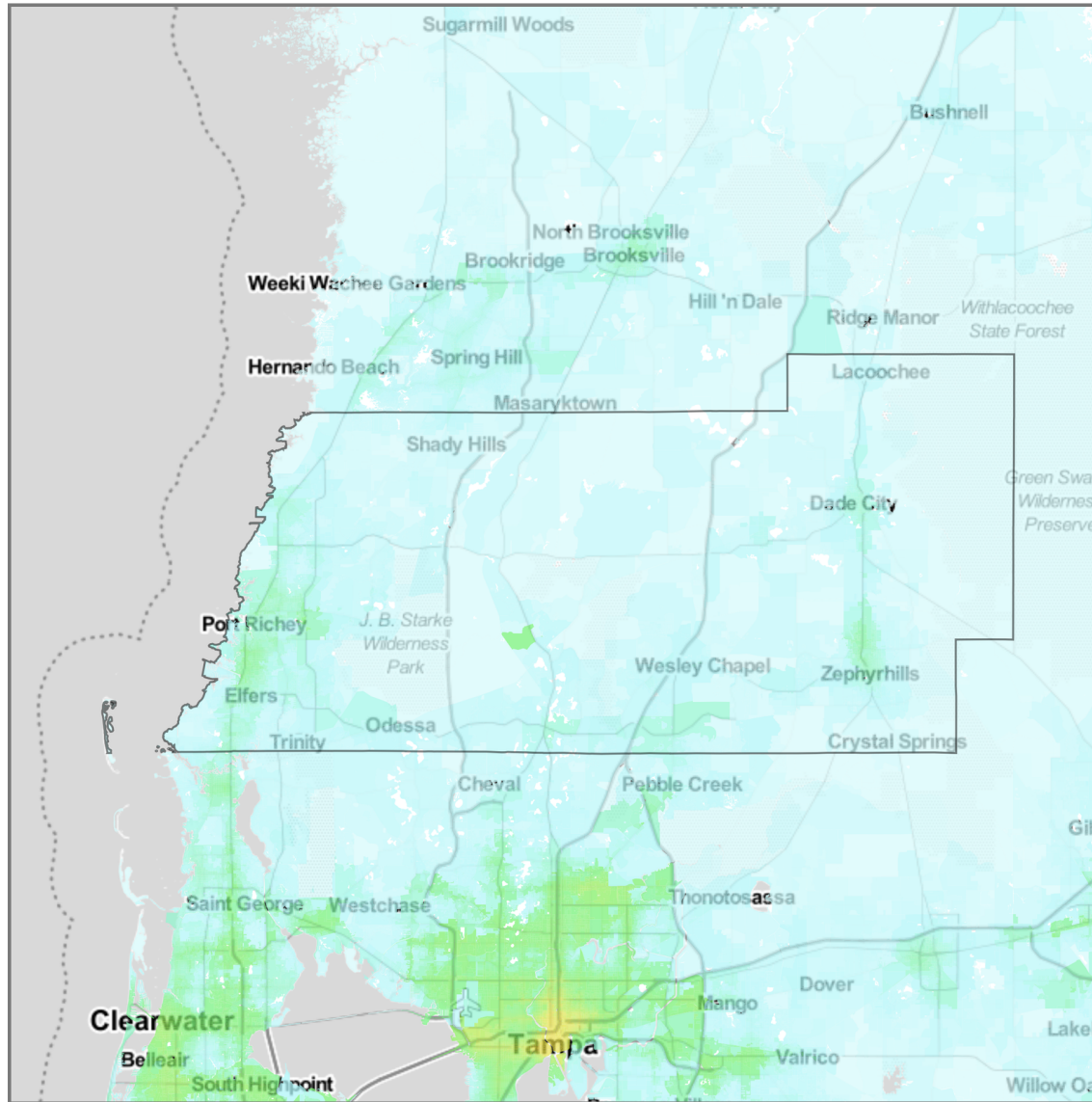
Average Job Accessibility by Travel Time Threshold (worker-weighted)



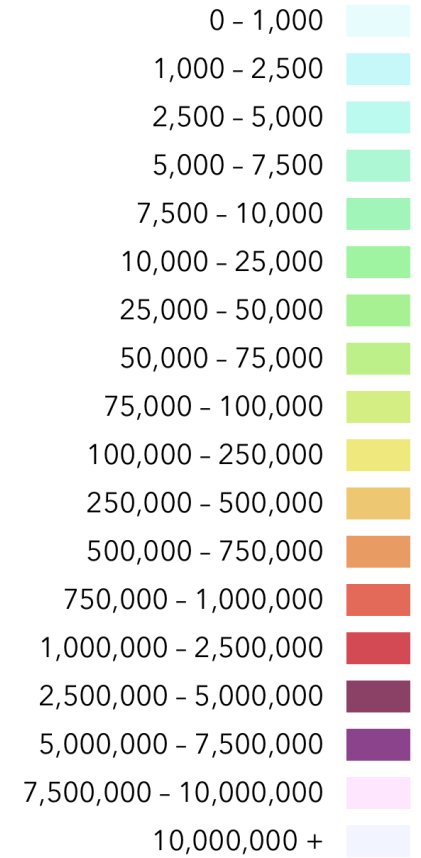
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Pasco County MPO



Jobs within 30 minutes
(Transit, AM peak)



State border ———
MPO boundary ———

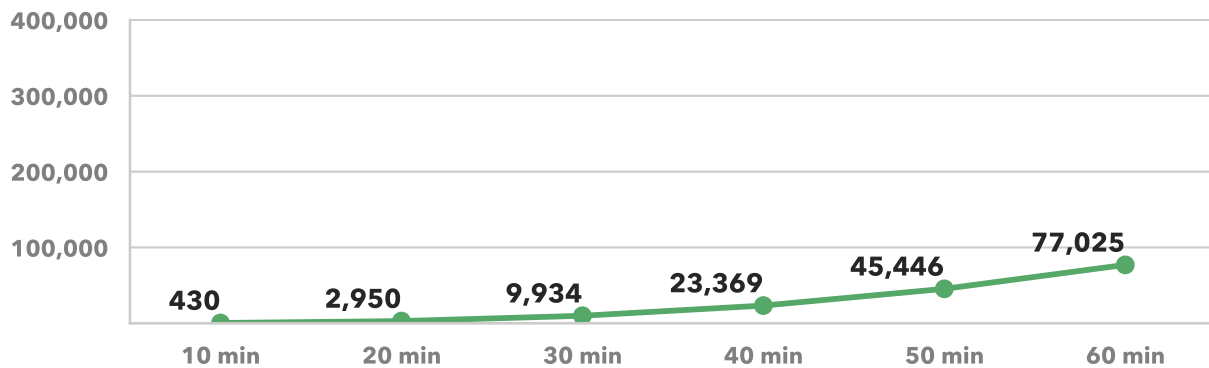
Pinellas County MPO

Job Accessibility Results—Transit, 2020

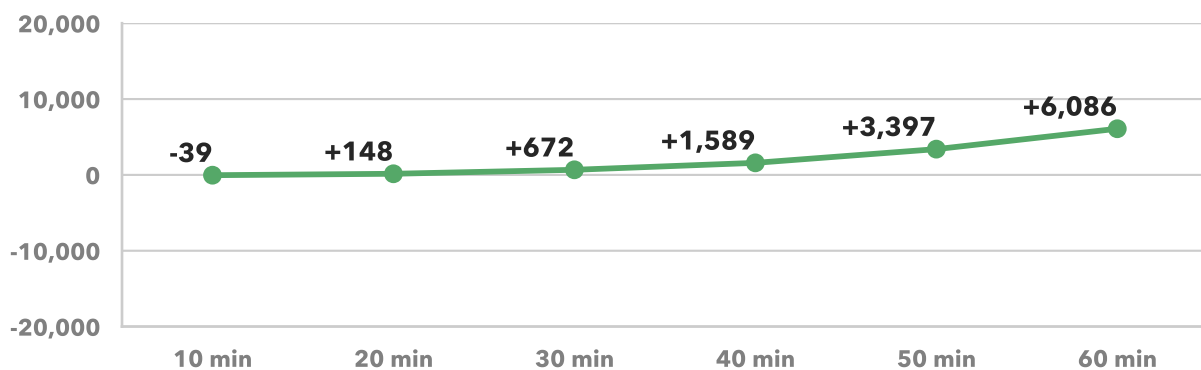
1-Year Change in Weighted Accessibility	+6.72%
Total Jobs	438,474
Average Job Density (per mi ²)	3906
Total Workers	412,029
Average Worker Density (per mi ²)	3671

Job and worker totals are based on LEHD estimates and may not match other sources.

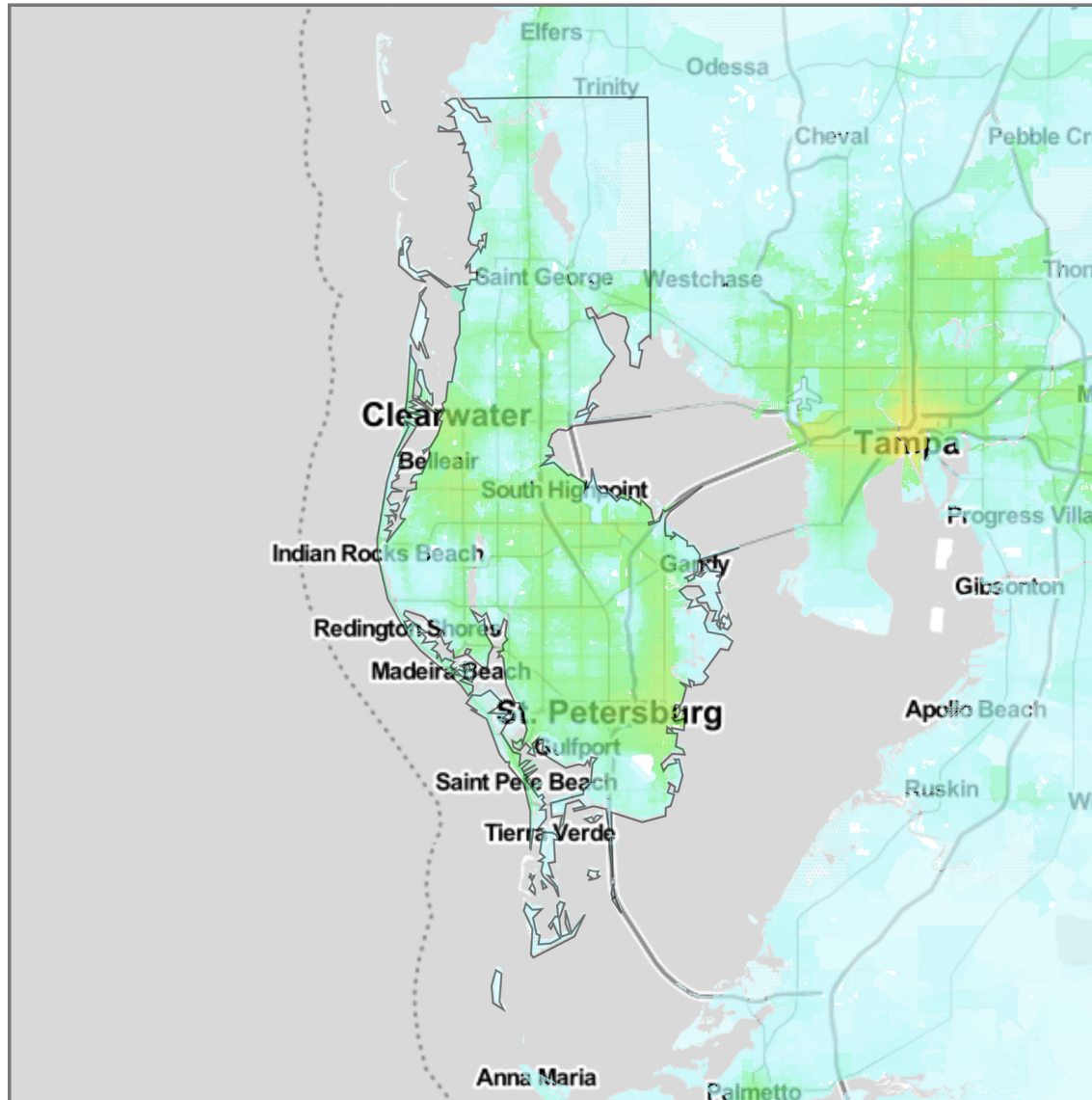
Average Job Accessibility by Travel Time Threshold (worker-weighted)



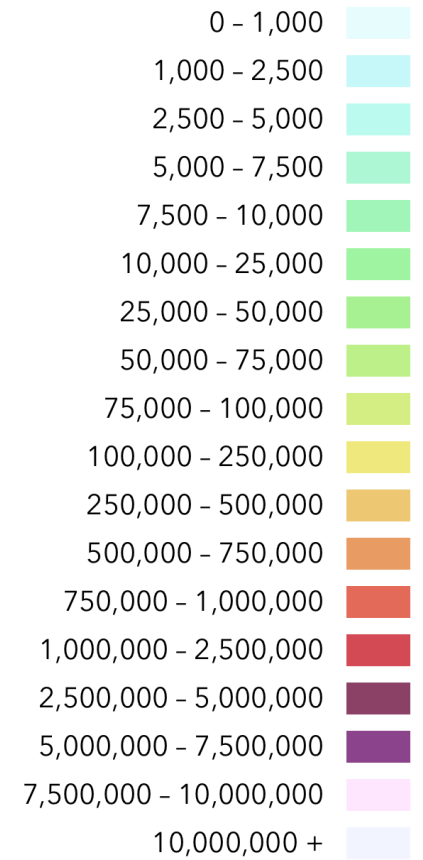
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Pinellas County MPO



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

Polk County Transportation Planning Organization

Job Accessibility Results—Transit, 2020

1-Year Change in Weighted Accessibility **+2.61%**

Total Jobs **232,441**

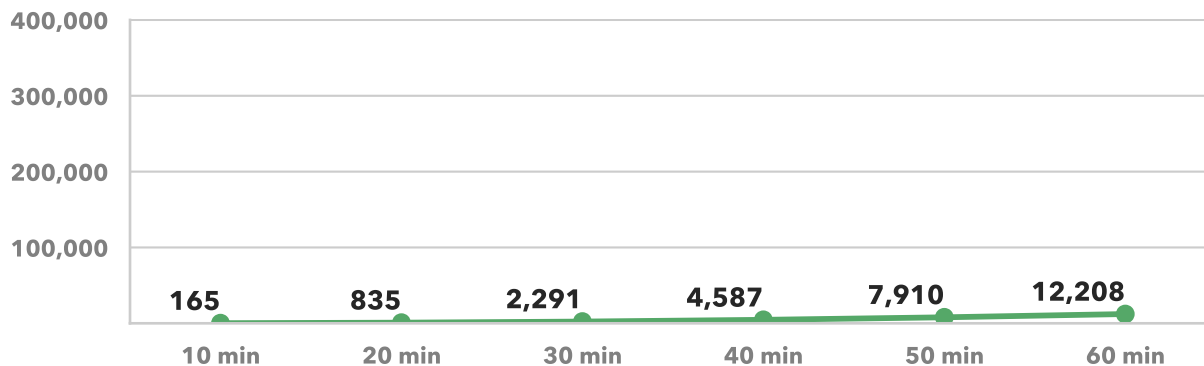
Average Job Density (per mi²) **299**

Total Workers **272,961**

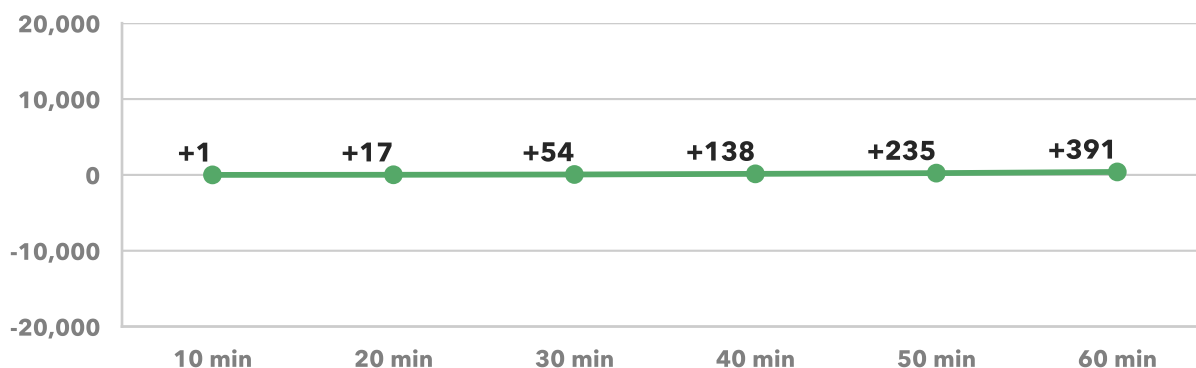
Average Worker Density (per mi²) **351**

Job and worker totals are based on LEHD estimates and may not match other sources.

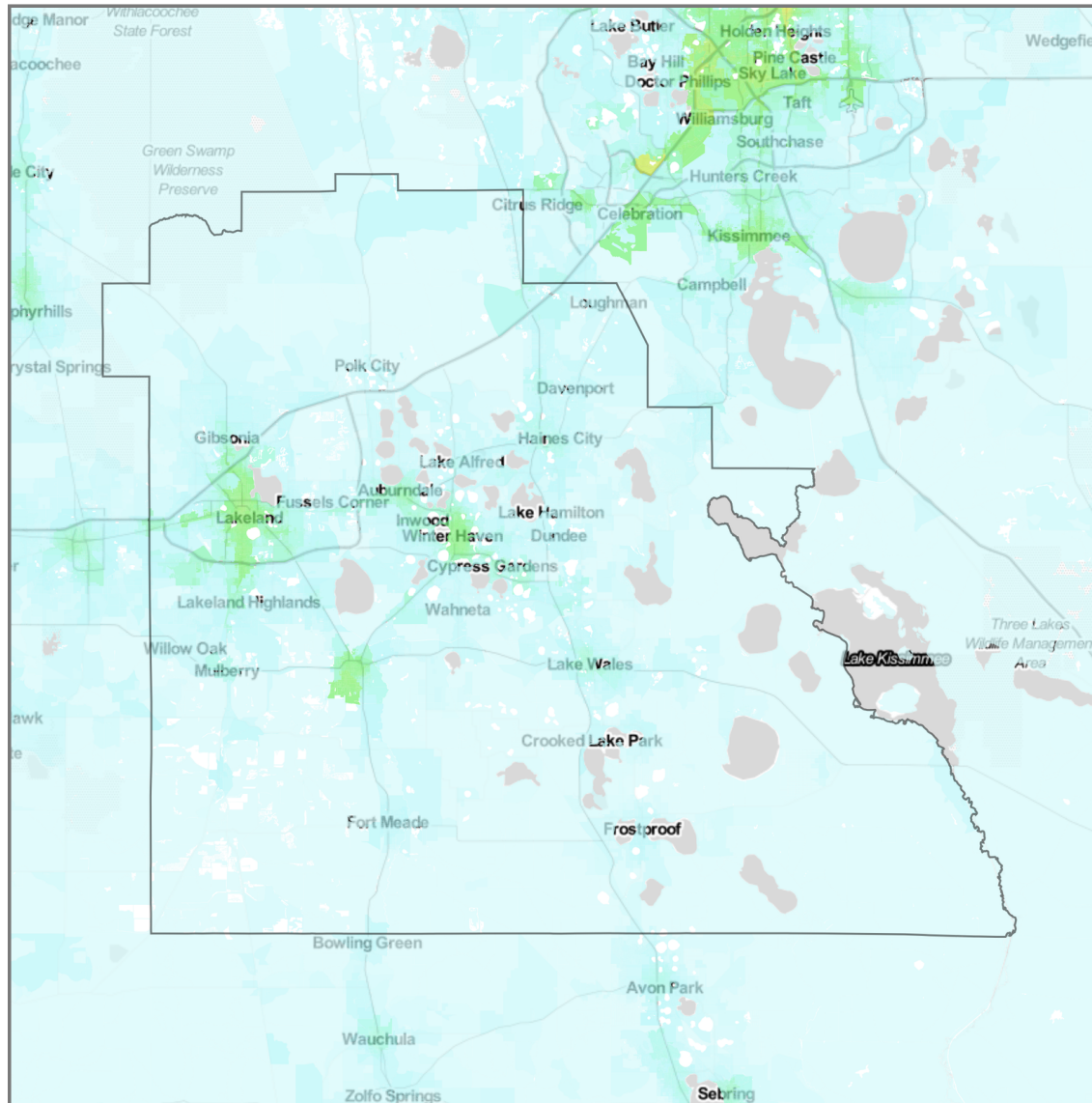
Average Job Accessibility by Travel Time Threshold (worker-weighted)



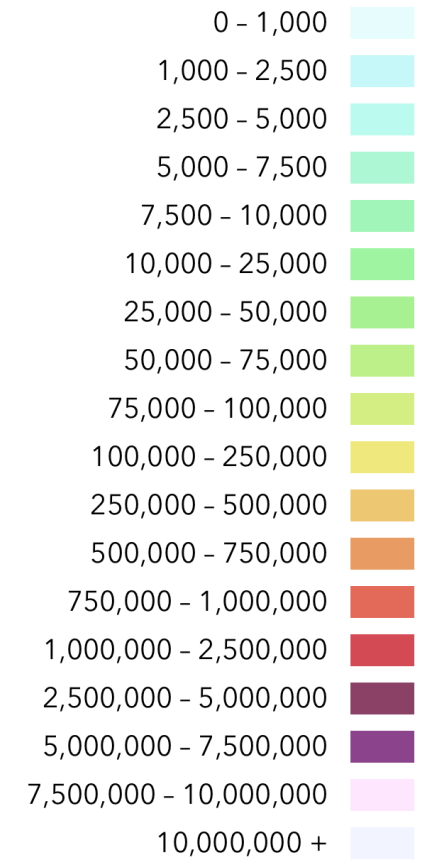
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Polk County Transportation Planning Organization



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

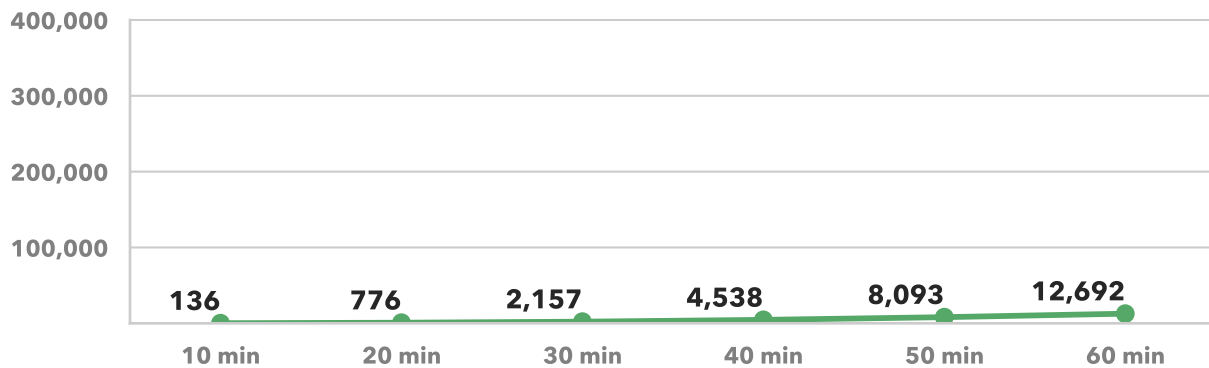
River to Sea Transportation Planning Organization

Job Accessibility Results—Transit, 2020

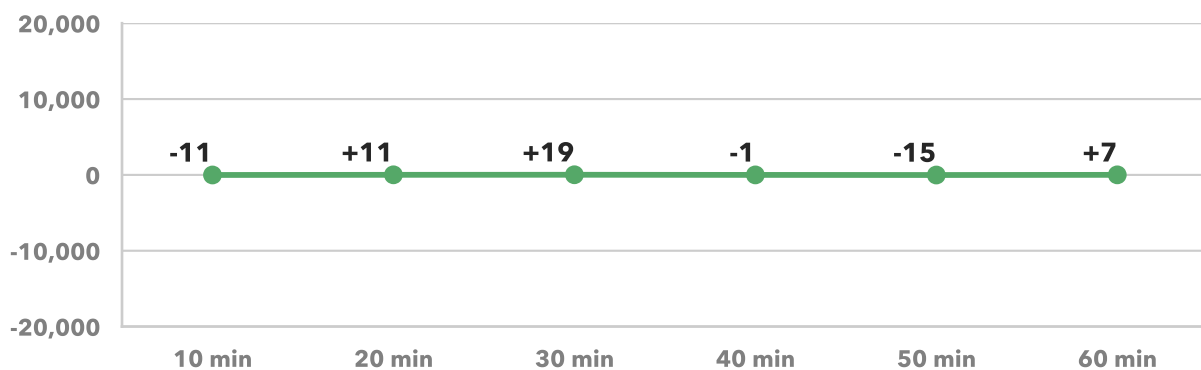
1-Year Change in Weighted Accessibility	-0.13%
Total Jobs	191,122
Average Job Density (per mi ²)	365
Total Workers	249,393
Average Worker Density (per mi ²)	476

Job and worker totals are based on LEHD estimates and may not match other sources.

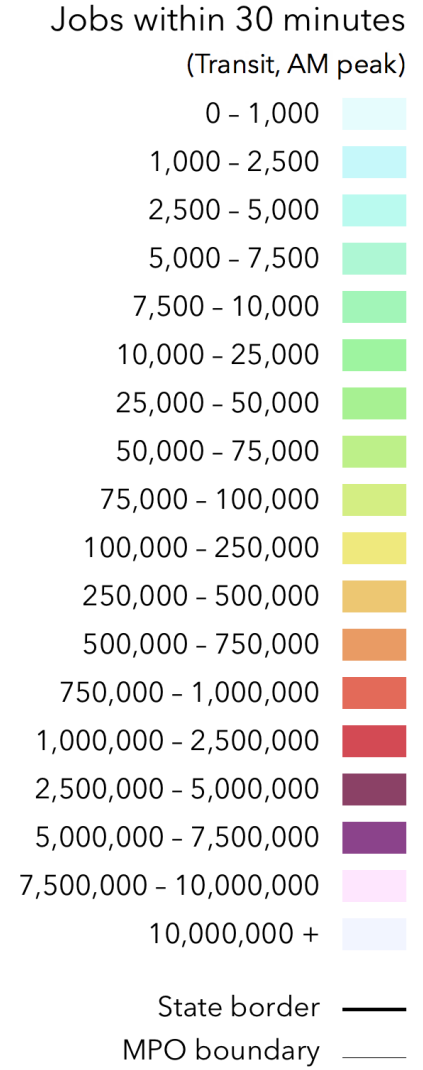
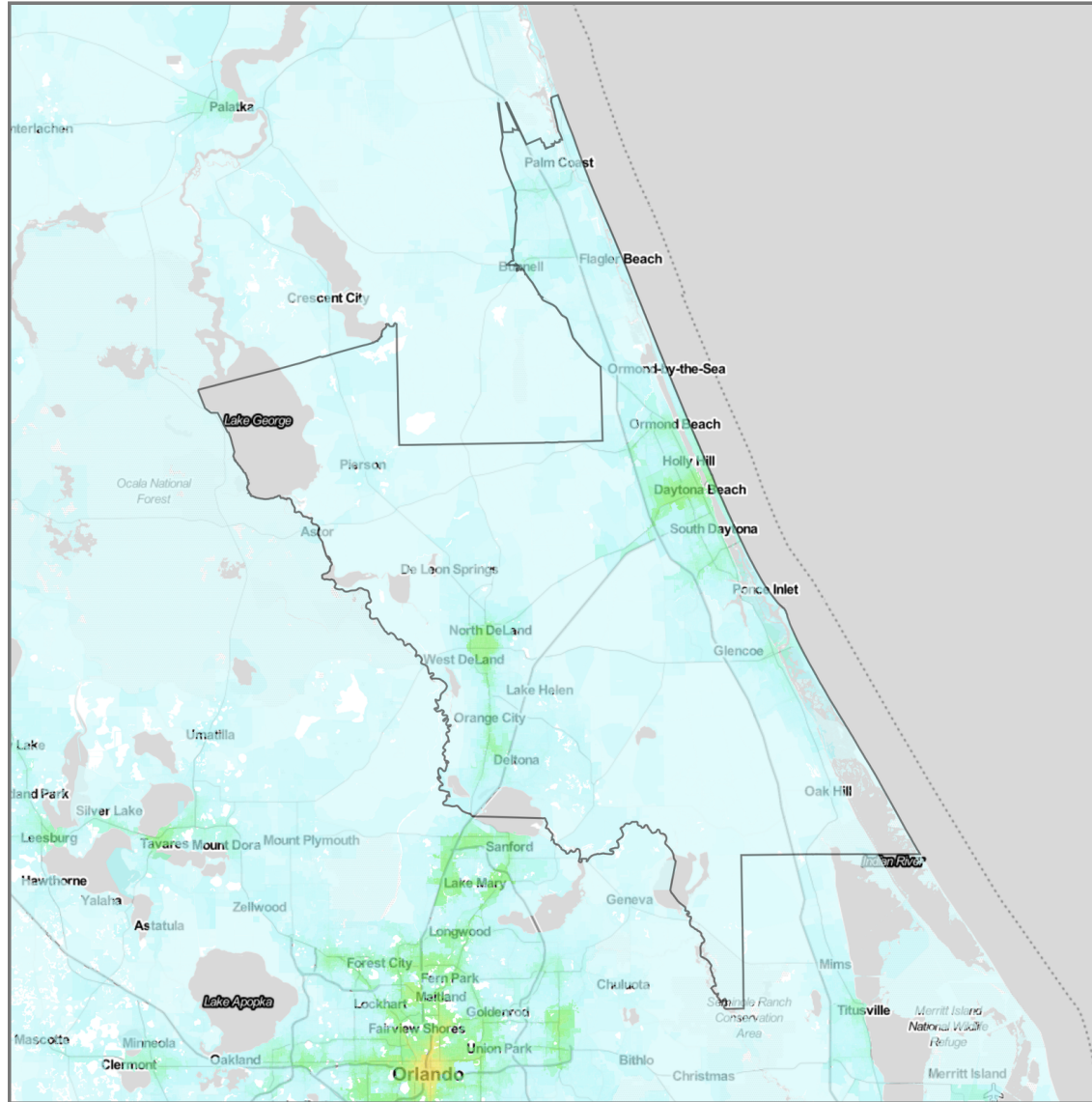
Average Job Accessibility by Travel Time Threshold (worker-weighted)



Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



River to Sea Transportation Planning Organization



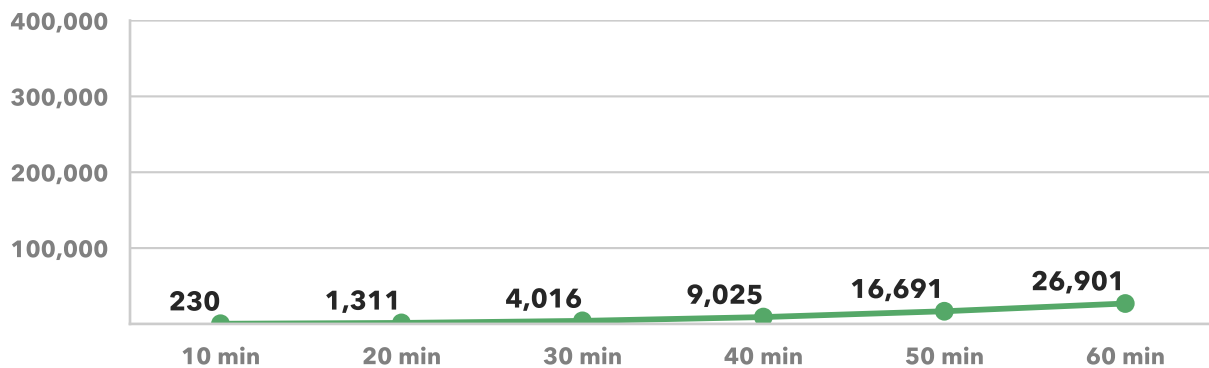
Sarasota-Manatee MPO

Job Accessibility Results—Transit, 2020

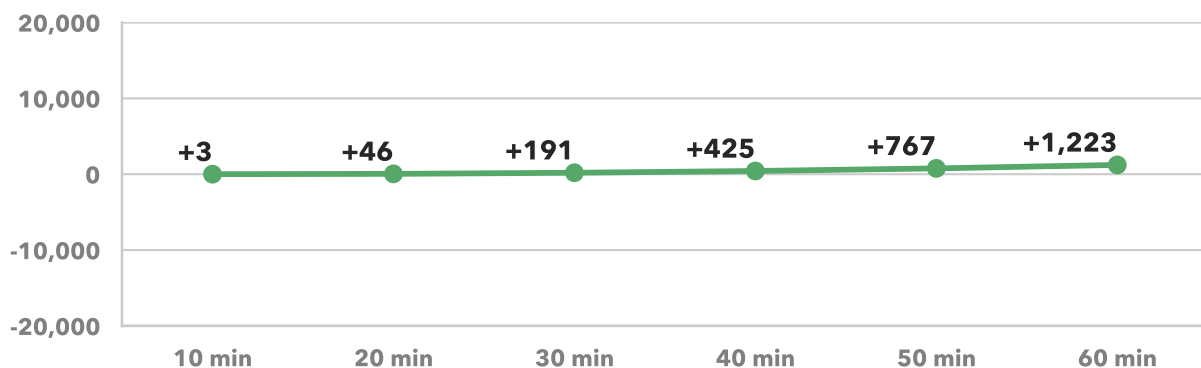
1-Year Change in Weighted Accessibility	+4.49%
Total Jobs	283,010
Average Job Density (per mi ²)	549
Total Workers	296,353
Average Worker Density (per mi ²)	575

Job and worker totals are based on LEHD estimates and may not match other sources.

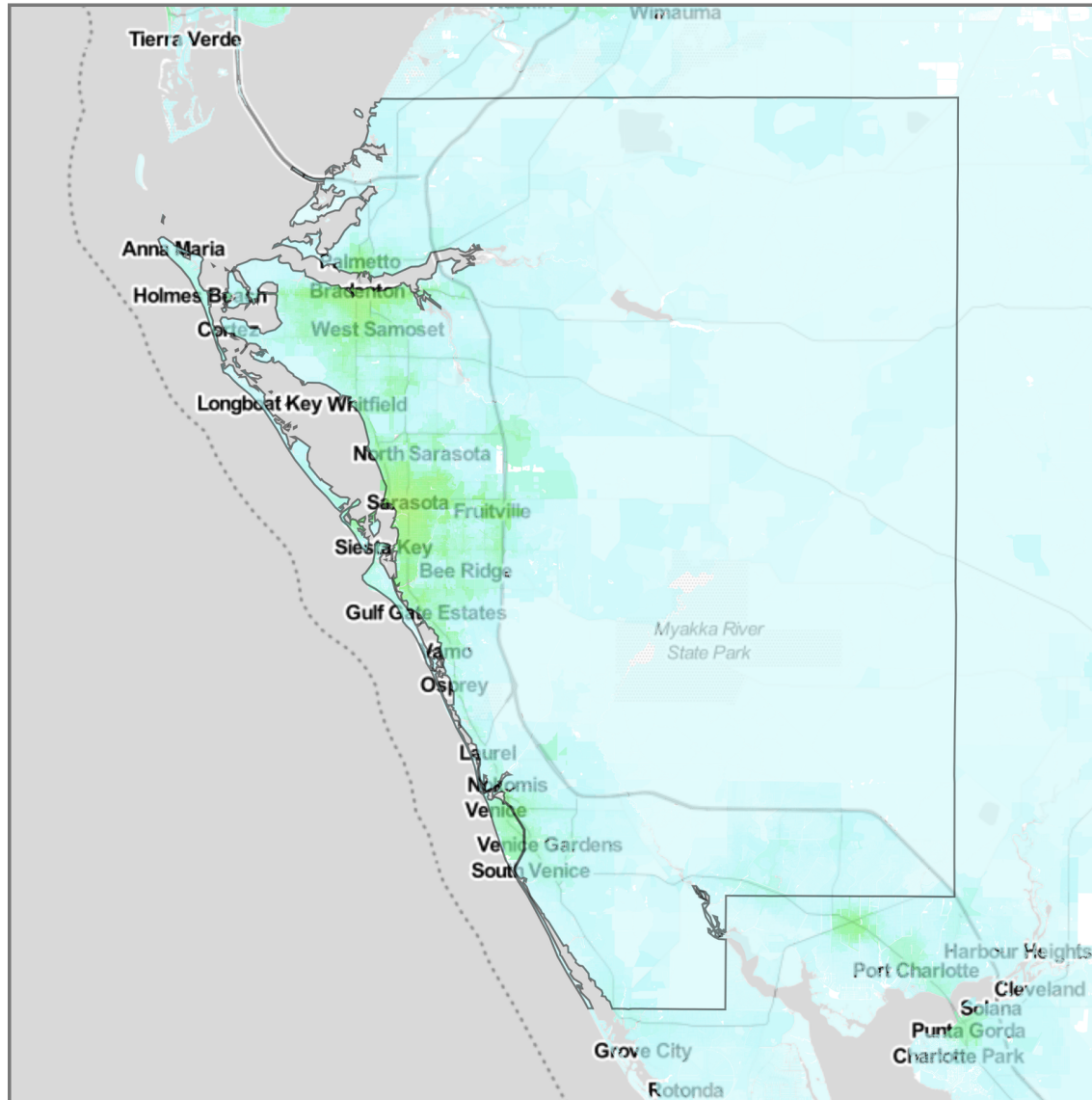
Average Job Accessibility by Travel Time Threshold (worker-weighted)



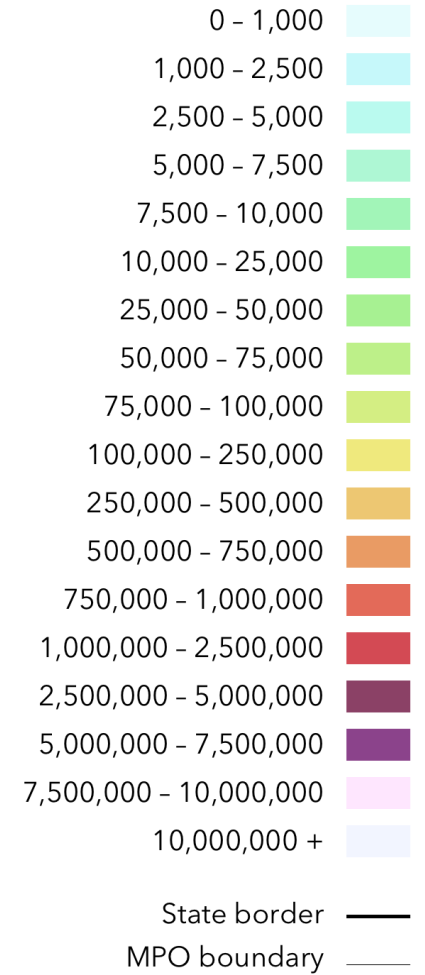
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Sarasota-Manatee MPO



Jobs within 30 minutes
(Transit, AM peak)



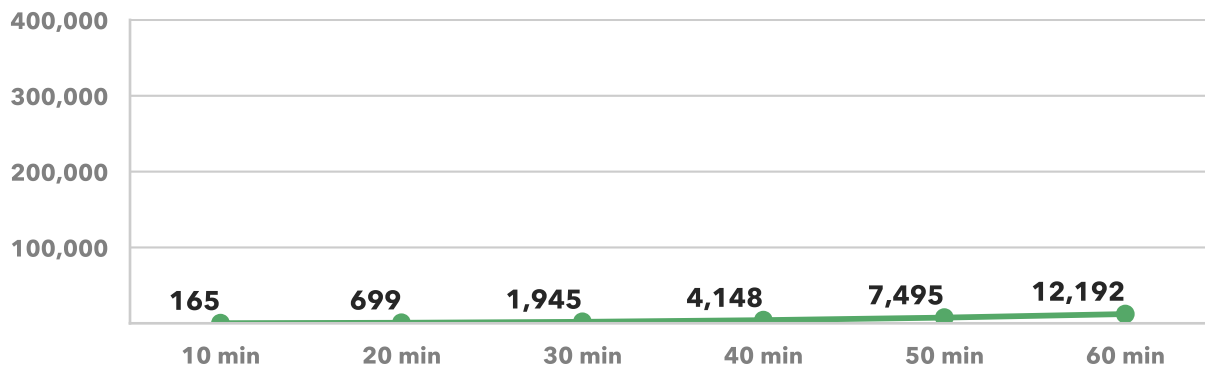
Space Coast Transportation Planning Organization

Job Accessibility Results—Transit, 2020

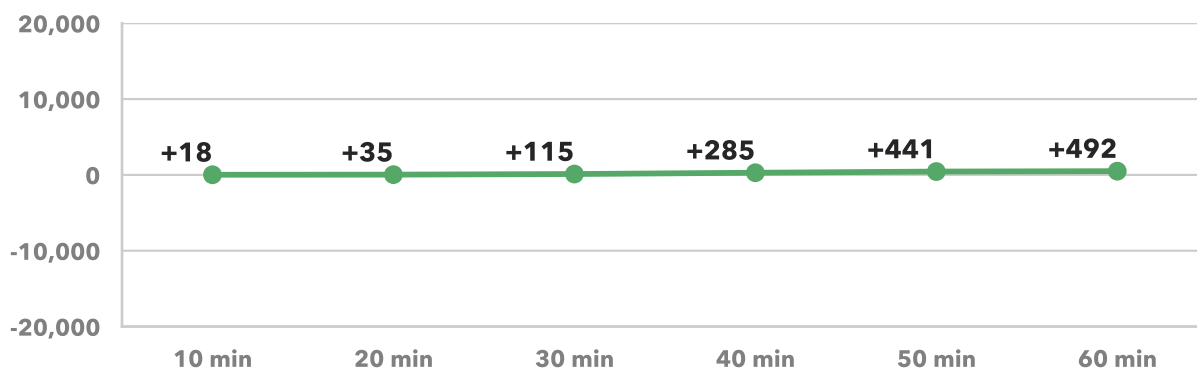
1-Year Change in Weighted Accessibility	+6.36%
Total Jobs	200,563
Average Job Density (per mi ²)	487
Total Workers	227,237
Average Worker Density (per mi ²)	552

Job and worker totals are based on LEHD estimates and may not match other sources.

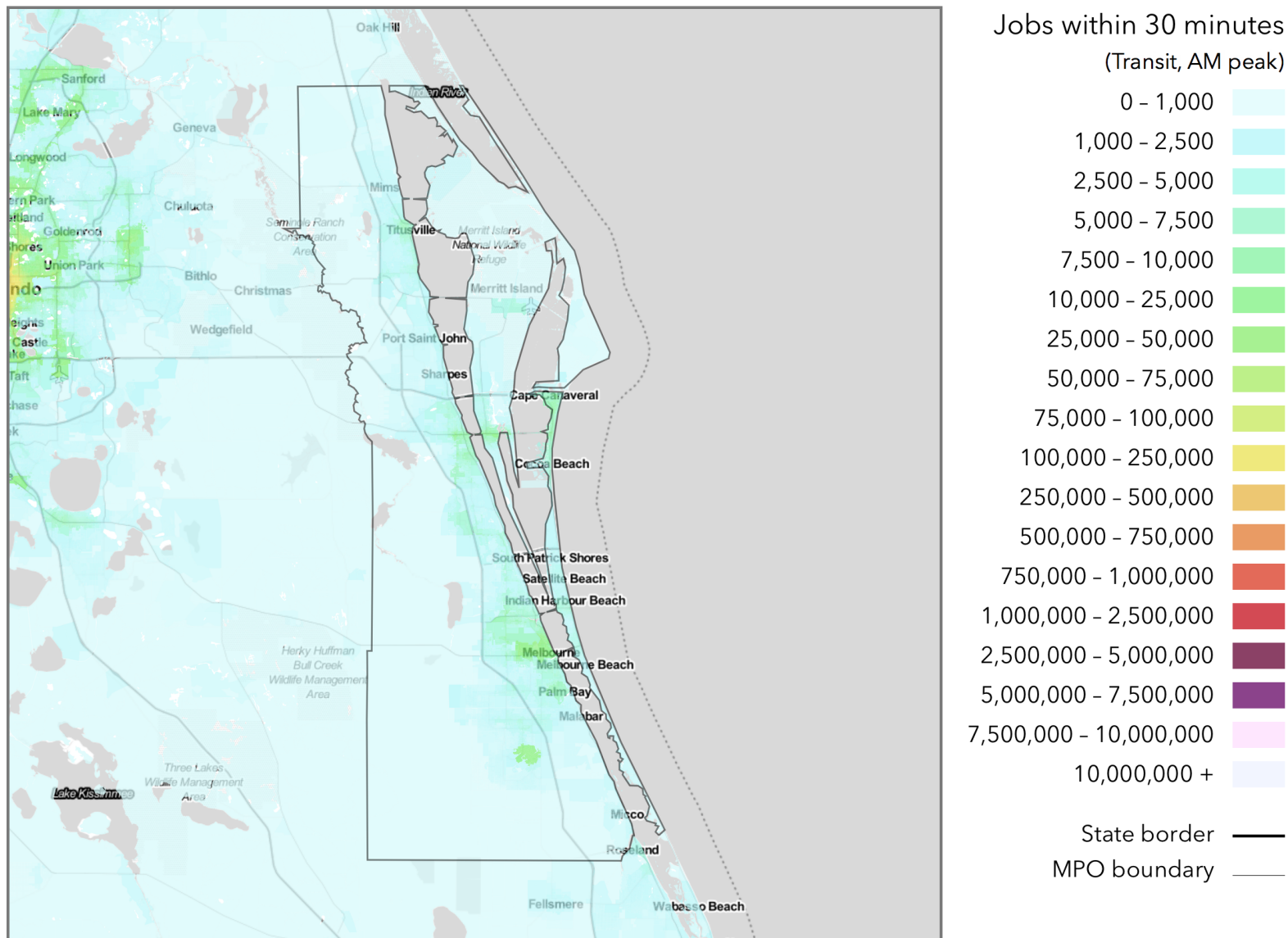
Average Job Accessibility by Travel Time Threshold (worker-weighted)



Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



Space Coast Transportation Planning Organization



St. Lucie Transportation Planning Organization

Job Accessibility Results—Transit, 2020

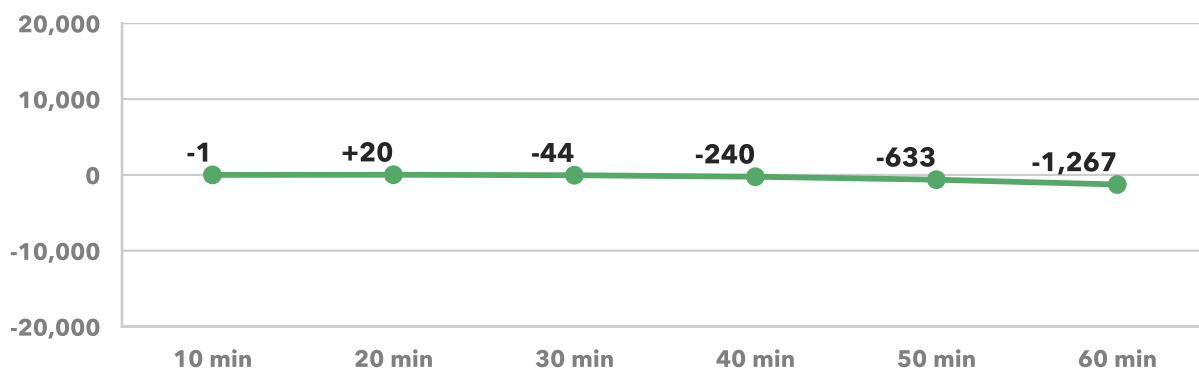
1-Year Change in Weighted Accessibility	-6.47%
Total Jobs	74,914
Average Job Density (per mi ²)	334
Total Workers	115,548
Average Worker Density (per mi ²)	516

Job and worker totals are based on LEHD estimates and may not match other sources.

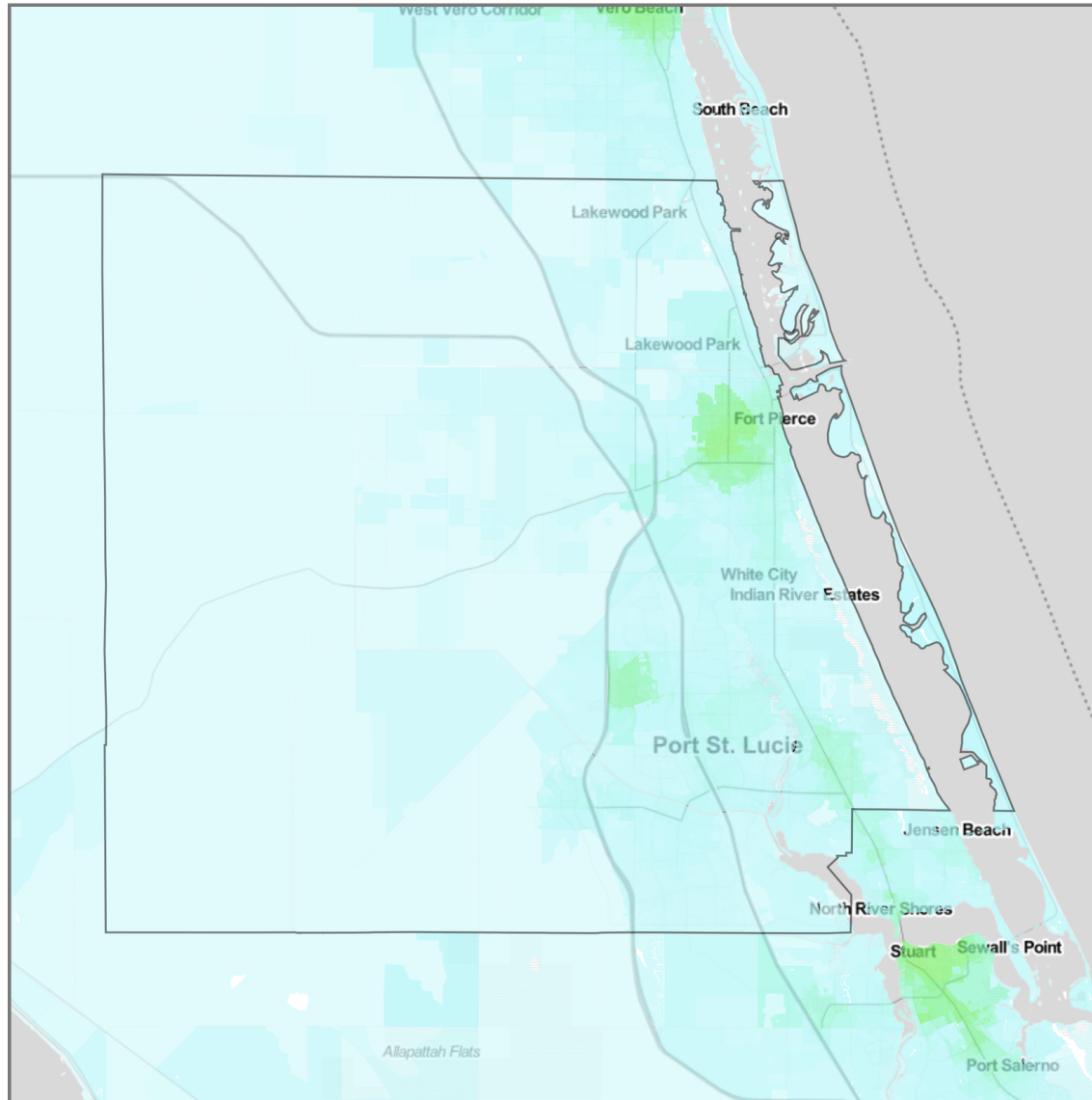
Average Job Accessibility by Travel Time Threshold (worker-weighted)



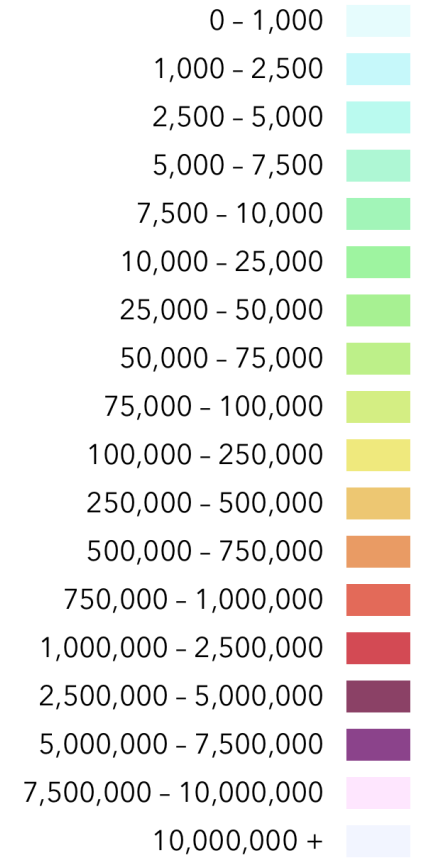
Average 1-Year Change in Job Accessibility by Travel Time Threshold (worker-weighted)



St. Lucie Transportation Planning Organization



Jobs within 30 minutes
(Transit, AM peak)



State border —
MPO boundary —

2.3 Accessibility by County

Table 2: Average Job Accessibility by Travel Time Threshold for Counties (Transit, AM Peak)

County	10 min	20 min	30 min	40 min	50 min	60 min
Alachua	334	2,419	8,245	17,231	28,479	40,417
Baker	72	261	558	887	1,200	1,499
Bay	166	796	2,267	4,654	7,882	11,925
Bradford	71	263	539	799	1,036	1,262
Brevard	157	647	1,805	3,819	6,989	11,530
Broward	379	2,650	9,973	26,340	55,761	101,842
Calhoun	56	126	224	348	456	565
Charlotte	100	471	1,151	2,127	3,302	4,686
Citrus	40	191	429	747	1,139	1,551
Clay	167	528	1,253	2,240	3,409	4,734
Collier	180	782	2,195	4,620	8,334	13,537
Columbia	109	386	863	1,412	1,959	2,563
DeSoto	120	492	1,059	1,576	2,021	2,308
Dixie	30	93	133	168	214	302
Duval	331	1,698	5,670	14,580	30,253	53,000
Escambia	220	1,321	4,064	9,138	16,626	26,752
Flagler	45	129	339	698	1,201	1,856
Franklin	85	234	381	483	554	618
Gadsden	97	269	484	721	971	1,195
Gilchrist	25	59	130	200	246	296
Glades	36	88	142	223	283	370
Gulf	69	185	337	460	568	645
Hamilton	44	146	226	281	391	509
Hardee	90	367	630	898	1,122	1,312
Hendry	184	718	1,248	1,698	2,170	2,672
Hernando	68	343	932	1,933	3,426	5,530
Highlands	88	348	758	1,308	1,858	2,454
Hillsborough	382	2,417	8,452	21,087	42,337	72,400
Holmes	57	156	268	378	469	541
Indian River	120	574	1,322	2,399	3,748	5,438
Jackson	75	261	485	718	942	1,191
Jefferson	15	78	134	200	262	316
Lafayette	37	97	127	166	227	274
Lake	131	519	1,227	2,345	3,855	5,731
Lee	149	866	2,467	5,112	9,060	14,536
Leon	251	1,426	3,911	7,662	12,487	18,565
Levy	32	116	218	312	409	512
Liberty	85	124	162	210	254	294

Table 2: (continued)

Madison	74	228	416	541	649	739
Manatee	189	1,052	3,232	7,274	13,468	21,779
Marion	101	442	1,234	2,470	4,148	6,282
Martin	195	786	1,943	3,797	6,454	9,652
Miami-Dade	1,062	6,505	18,808	41,703	77,808	128,565
Monroe	390	1,470	2,691	4,023	5,360	6,693
Nassau	100	329	744	1,172	1,651	2,119
Okaloosa	219	1,069	2,706	5,070	7,887	11,024
Okeechobee	89	365	786	1,307	1,844	2,424
Orange	432	2,486	7,999	19,634	40,622	73,330
Osceola	152	703	2,078	4,567	8,925	16,906
Palm Beach	291	1,372	3,496	6,855	11,358	17,414
Pasco	128	467	1,380	3,079	5,780	9,451
Pinellas	421	2,847	9,549	22,412	43,443	73,417
Polk	162	828	2,286	4,575	7,878	12,135
Putnam	76	308	655	1,088	1,616	2,106
Santa Rosa	99	287	657	1,180	1,850	2,638
Sarasota	260	1,489	4,591	10,360	19,132	30,725
Seminole	218	1,161	3,485	8,038	16,122	29,294
St. Johns	200	541	1,168	2,110	3,376	4,935
St. Lucie	120	601	1,434	2,697	4,140	5,872
Sumter	55	223	537	1,088	1,771	2,496
Suwannee	64	258	478	742	969	1,180
Taylor	61	252	566	903	1,228	1,559
Union	55	174	243	319	386	458
Volusia	151	888	2,456	5,152	9,193	14,398
Wakulla	30	93	195	350	489	642
Walton	111	210	363	634	986	1,435
Washington	41	239	433	619	792	930

3 Data Sources and Methodology

The following sections provide a brief overview of the data sources and methodology used to prepare this report. For a detailed description, please consult the Accessibility Observatory's *Access Across America: 2018 Methodology* report.

3.1 Travel Times by Transit

Travel times by transit were calculated using General Transit Feed Specification (GTFS) data and OpenStreetMap road network data. GTFS data are included wherever feeds are made available by transit agencies, and the targeted service date for analysis was January 22nd, 2020, to reflect non-holiday, normal weekday service schedules. A list of transit agencies statewide for which GTFS data were available and included in the computations is given below.

3.2 Geography

Census blocks are the fundamental unit for travel time and accessibility calculation, and block-level accessibility results are aggregated over larger areas for analysis. When calculating accessibility for an individual origin, all potential destinations within 37.3 miles (60km) are included, even if those destinations are located in a different state or other jurisdiction. Only locations within the United States are included. The MPO jurisdictions used for aggregate analysis are based on data provided in the US Department of Transportation's National Transportation Atlas Database 2018^{*}.

3.3 Population and Job Distribution

Data describing the distribution of labor and employment in the region are drawn from the U.S. Census Bureau's Longitudinal Employer-Household Dynamics program (LEHD)[†]. The LEHD Origin-Destination Employment Statistics (LODES) dataset, which is updated annually, provides Census block-level estimates of employee home and work locations. This analysis uses LODES data from 2018, the most recent available as of this writing, as well as from 2017 to allow for annual comparisons.

3.4 Accessibility Calculation

The accessibility metrics presented in this analysis are *cumulative opportunity* metrics—they reflect the total amount of opportunities (in this case, jobs) reachable within given travel time thresholds from an origin location. To calculate these metrics, the travel time calculations described above are performed first to identify the travel time from one origin to all surrounding destinations. Next, the number of jobs at each destination is summed for all destinations that can be reached within a given travel time threshold, providing the accessibility value for a single origin at a single departure time.

This process provides accessibility values for individual Census blocks. To summarize this block-level data to larger areas such as MPOs and states, the accessibility values for the relevant blocks are weighted by the number of workers living in each block and then averaged. This person-weighted approach allows the summary metric to reflect the distribution of residents within the area. For example, a person-weighted accessibility value of 134,173 indicates that a typical resident within the area can reach 134,173 jobs.

In the case of accessibility by transit, local accessibility levels depend not just on the availability and routes of transit service but also on their frequency. A traveler using transit service that runs more frequently will have to spend less time waiting. In order to reflect transit frequency, transit accessibility values are calculated at each minute and then averaged to reflect typical accessibility levels during a time period of interest. The summary data in this analysis used the 7 – 9 AM time period.

^{*}http://www.rita.dot.gov/bts/sites/rita.dot.gov/bts/files/publications/national_transportation_atlas_database/index.html

[†]<http://lehd.ces.census.gov/data/>