

JOB ACCESS STUDY

DAVE SOBUSH | DIRECTOR, POLICY & RESEARCH
TAMPA BAY PARTNERSHIP

OVERVIEW

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- Builds upon 2011 Brookings report *“Missed Opportunity: Transit and Jobs in Metropolitan America”*
- Unique in that it models job access change from a system investment perspective
- Primary unit of analysis is 60-minute transit commute
- Inputs taken from published agency plans, modeled by UMN Accessibility Observatory
- Scenarios are additive, with maps showing aggregate job access change

REGIONAL TRANSPORTATION

THE “WHY”

Connecting our residents to jobs and opportunity

93,000
NEW RESIDENTS

250+
PER DAY

GROWTH

More than 500,000 new residents will arrive in the Tampa Bay MSA by 2030

ACCESS

Only 16% of jobs are accessible by the average resident within a 90-minute commute (Brookings 2011)

OPTIONS

Currently ranked #20 (out of 20) in transit supply and ridership



This isn't about transportation.

Final Report from the Central Florida Transportation Task Force

SCENARIO COMPARISON

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	Improved Local Bus Service	SunRunner/Streetcar Modernization/FL Ave BRT	RRT	Additional Premium Transit Services (Rail, BRT) and Express Bus.
Scenario A	*			
Scenario B	*	*		
Scenario C	*	*	*	
Scenario D	*	*	*	*

NOTE: These scenarios represent unequal amounts of investment, financial or otherwise

SCENARIO COMPARISON

Scenario A	18 New Routes	34 Routes Increased Frequency/Hours
Scenario B	Scenario A PLUS	2 BRT Routes Streetcar Modernization/Extension
Scenario C	Scenario B PLUS	Regional Rapid Transit
Scenario D	Scenario C PLUS	8 Express Bus 8 BRT Routes 5 Rail Projects

NOTE: These scenarios represent unequal amounts of investment, financial or otherwise

SCENARIO A: LOCAL BUS

- Typical MSA Resident: **+26,006 jobs**
- **29.0%** Job Access Increase
- **9.2%** of all Jobs Accessible (base=7.2%)

(Note: 1.2M Jobs in MSA)

St. Pete: +58.9K / +29.2% / 20.8% of Jobs

Pinellas: +47.3K / +36.3% / 14.1% of Jobs

SCENARIO B: ADDING LOCAL PREMIUM

- Typical MSA Resident: **+27,270 jobs**
- **30.4%** Job Access Increase
 - 1.4% Marginal Increase
- **9.3%** of all Jobs Accessible (base=7.2%)

St. Pete: +65.5K / +33.1% / 21.0% of Jobs

Pinellas: +48.9K / +37.5% / 14.3% of Jobs

SCENARIO C: ADDING REGIONAL RAPID TRANSIT

- Typical MSA Resident: **+31,582 jobs**
- **35.2%** Job Access Increase
 - 4.8% Marginal Increase
- **9.7%** of all Jobs Accessible (base=7.2%)

St. Pete: +71.9K / +35.7% / 21.8% of Jobs

Pinellas: +53.1K / +40.8% / 14.6% of Jobs

ACCESS GAINS – RRT

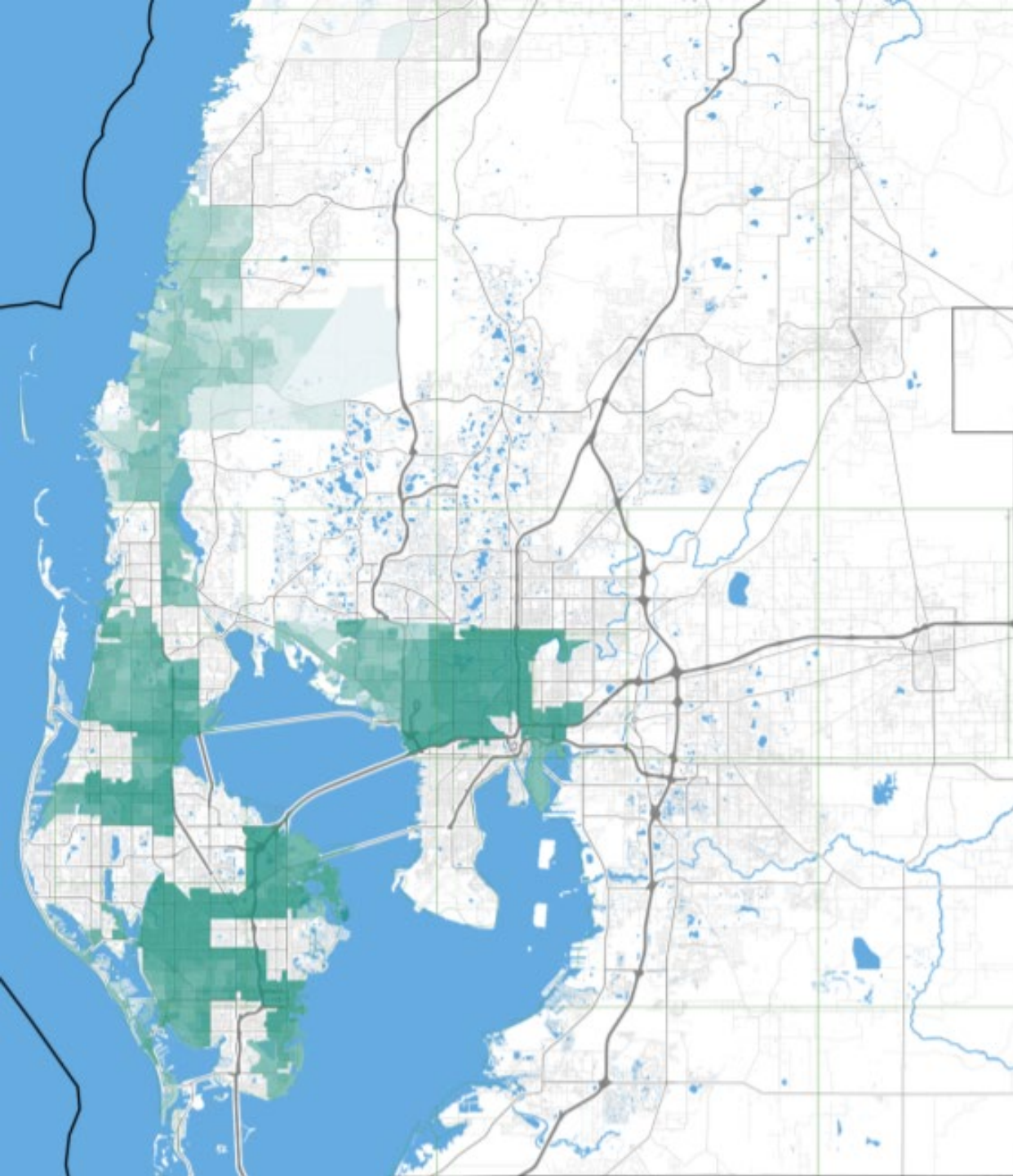
- Concentrated around, but not limited to, workers residing close to RRT alignment.

SCENARIO D: ENVISION 2030

- Typical MSA Resident: **+52,035 jobs**
- **57.9%** Job Access Increase
 - 22.7% Marginal Increase
- **11.3%** of all Jobs Accessible (base=7.2%)
- 116K workers able to access **+150K** more jobs

St. Pete: +111.2K / +55.2% / 24.9% of Jobs

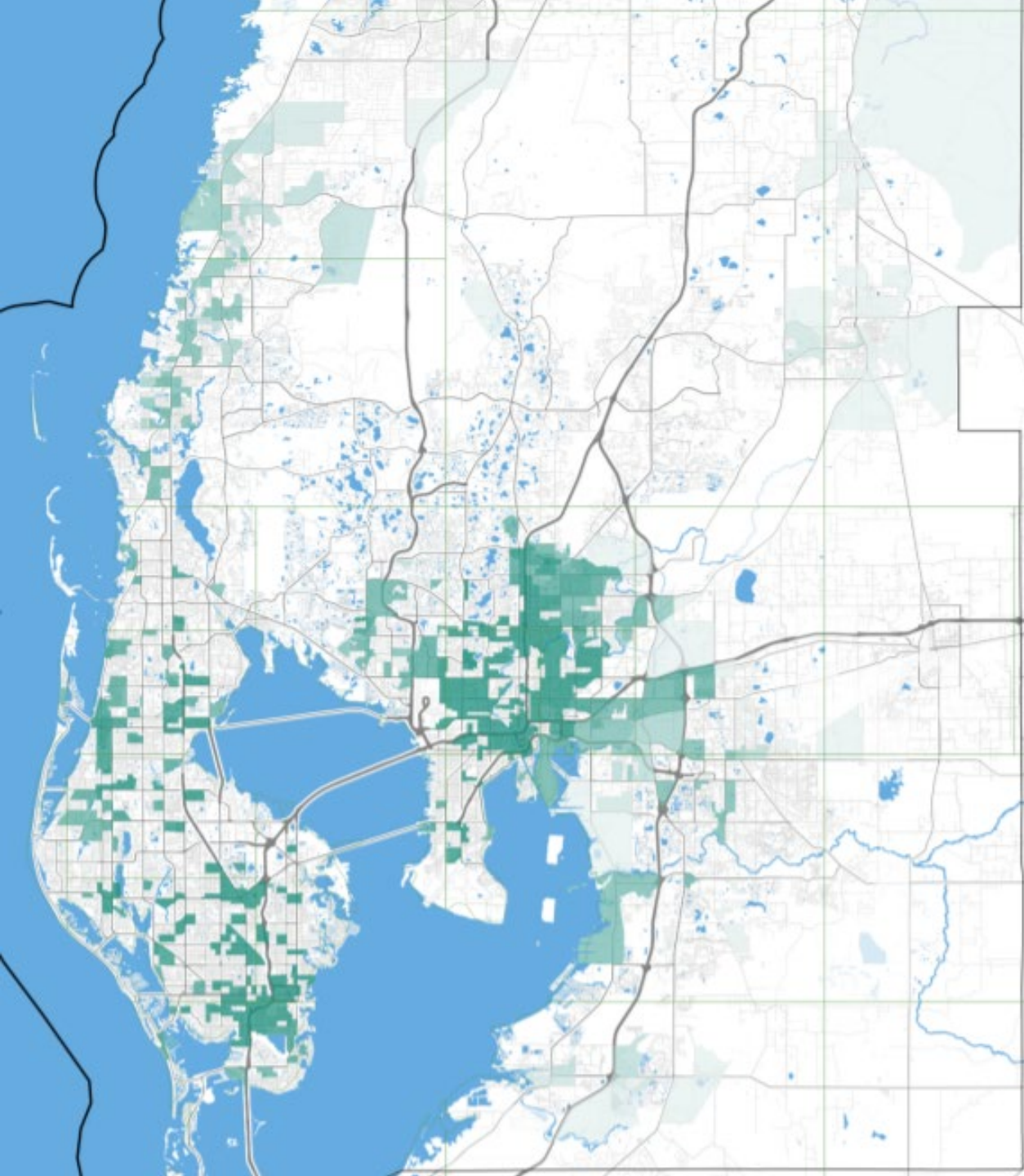
Pinellas: +89.2K / +68.5% / 17.5% of Jobs



JOB ACCESS: COVID-AFFECTED

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- ZIP codes where 5% or more of workforce filed, as of April 4, 2020 an initial claim for Re-employment Assistance
- 41 of 139 ZIP codes (29.5%) met this criteria
- Home to 414,617 Workers
- Typical Resident: **+76,374 jobs**
- **55.7%** Job Access Increase
- **17.0%** of all Jobs Accessible (10.9%)



JOB ACCESS: HIGH POVERTY/ FEW VEHICLES

- Block groups with Poverty Rate >20%, or...
- Block groups with >20% no vehicle or >75% one vehicle
- 580 of 2,004 block groups (28.9%) met this criteria
- Home to 290,111 Workers
- Typical Resident: **+74,403 jobs**
- **52.0%** Job Access Increase
- **17.3%** of all Jobs Accessible (11.4%)

SCENARIO COMPARISON

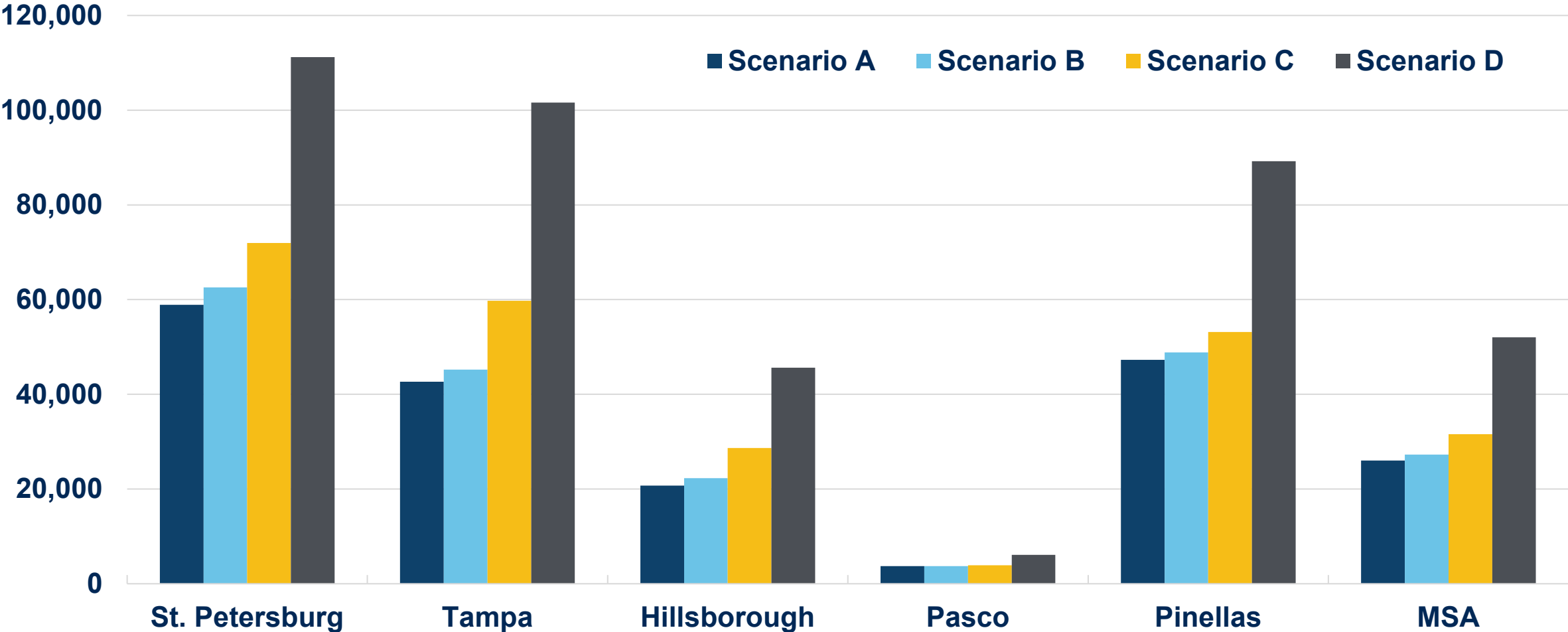
	Improved Local Bus Service	SunRunner/Streetcar Modernization/FL Ave BRT	RRT	Additional Premium Transit Services (Rail, BRT) and Express Bus.	60-Minute Job Access Change (#)	60-Minute Job Access Change (%)	Share of MSA Jobs Accessible (60-Min)
<i>Baseline</i>					0	0%	7.2%
Scenario A	*				26,006	29.0%	9.2%
Scenario B	*	*			27,270	30.4%	9.3%
Scenario C	*	*	*		31,582	35.2%	9.7%
Scenario D	*	*	*	*	52,035	57.9%	11.3%

SCENARIO COMPARISON

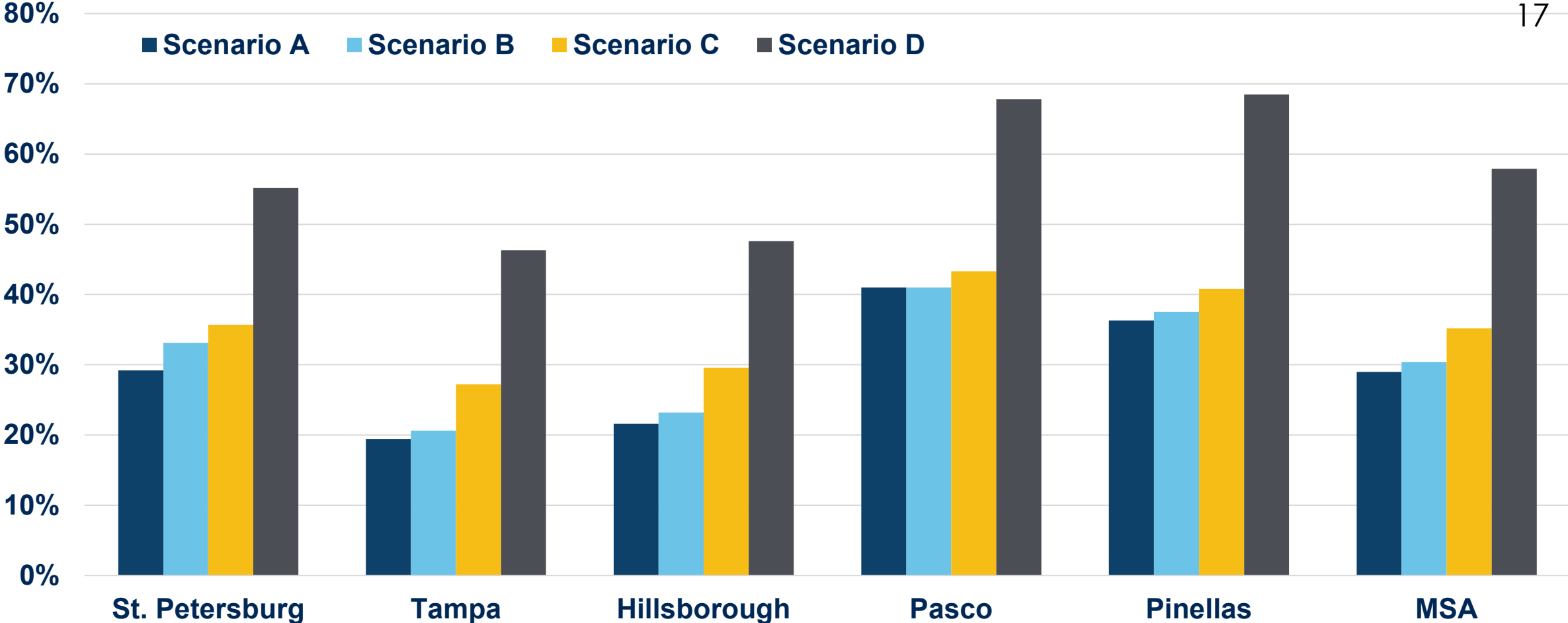
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	Additional Projects	Marginal Job Access Change	Job Access Change per Additional Project
Scenario A	52	29.0%	0.56%
Scenario B	3	1.40%	0.47%
Scenario C	1	4.80%	4.80%
Scenario D	21	22.7%	1.08%

SCENARIO COMPARISON: NUMERIC CHANGE

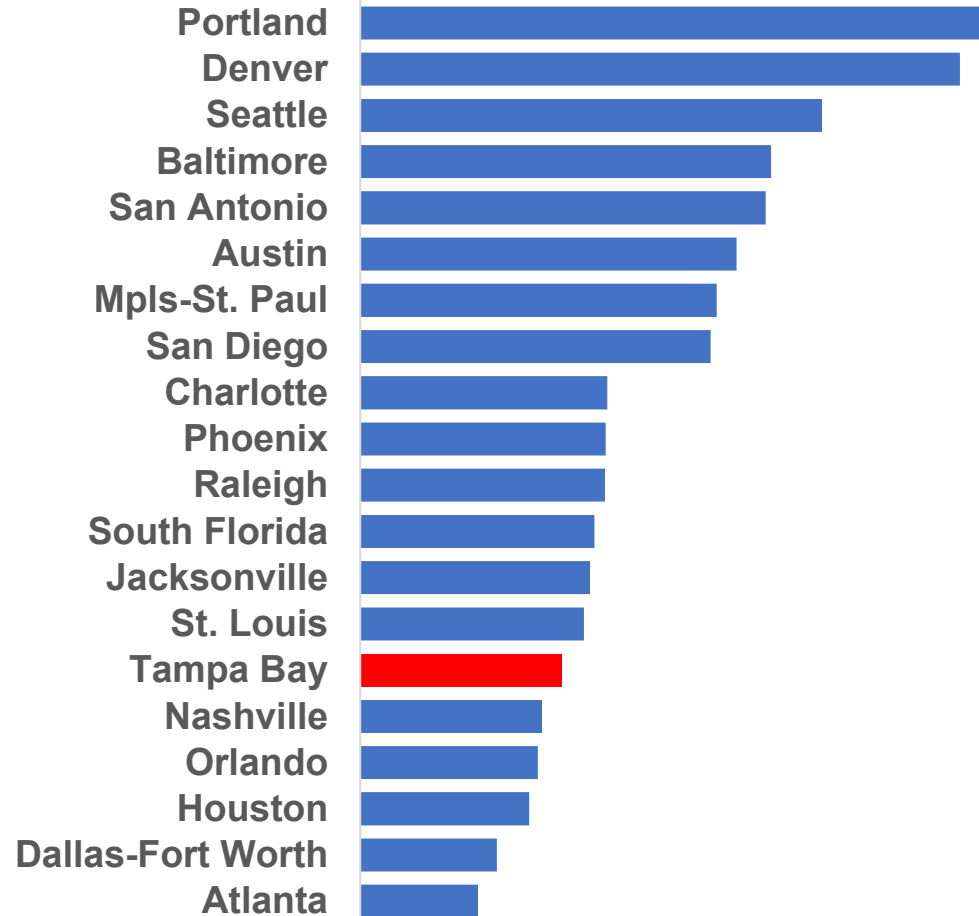


SCENARIO COMPARISON: PERCENTAGE CHANGE

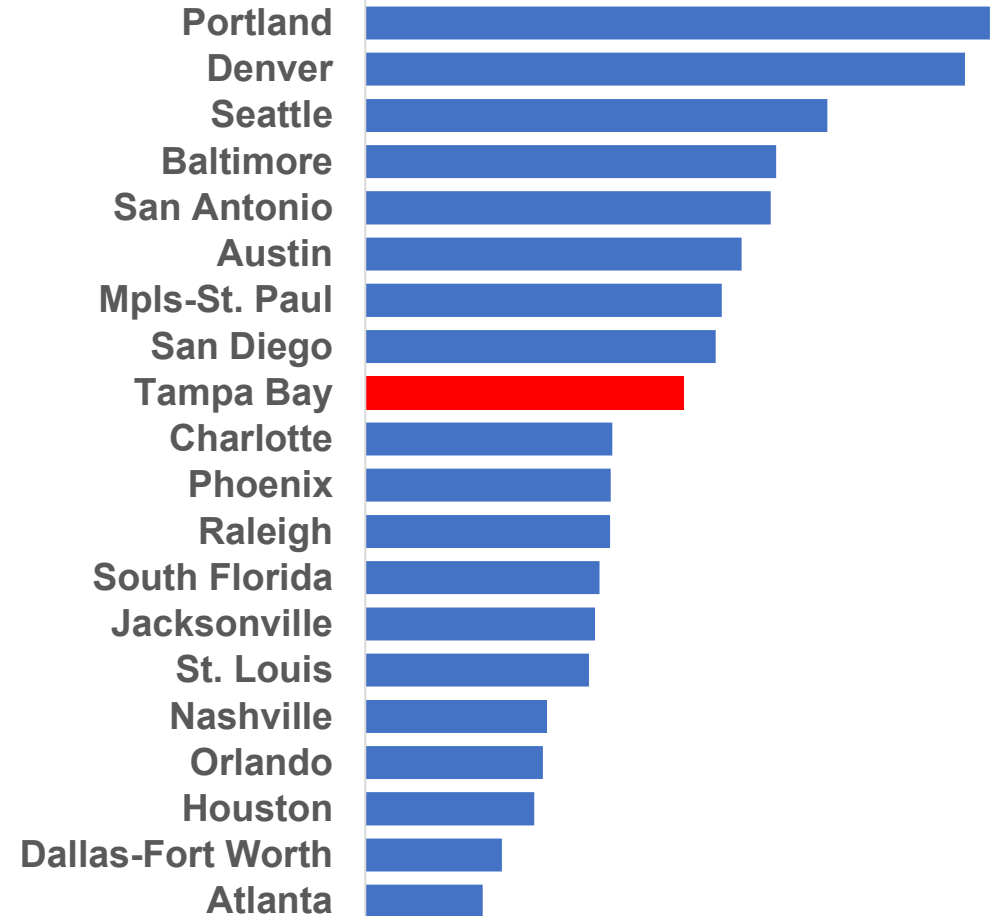


ACCESSIBILITY OBSERVATORY RANKINGS

CURRENT STATE



FUTURE STATE



KEY TAKEAWAYS: RESEARCH

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- **Job Access** is an additional goal and analysis tool for transit planning.
 - Other goals (TOD, Cost Effectiveness) still warrant consideration
- **Regional Rapid Transit** has a larger impact on job access than planned premium service projects that serve a single county.
 - Adding RRT increases job access by 4.8% MSA-wide, with larger impacts near stations
- **Massive investment in local bus** along arterial roads provides significant impact and increases job access by **29% (+26K jobs)** for the typical Tampa Bay worker.
 - However, significant locality effects are present. For example, Pasco County workers only access 1% additional jobs as cross-county linkages do not exist.

KEY TAKEAWAYS: RESEARCH (CONT'D)

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- The **Envision 2030** scenario increases the number of jobs accessible to the average Tampa Bay worker by **57.9%**, putting nearly **58,000** additional jobs within a 60-minute commute.
- Implementing Envision 2030 catapults Tampa Bay from **15th to 9th** in job access, ahead of RCR markets Charlotte, Phoenix, and Raleigh. Among the 49 largest MSAs in the United States, Tampa Bay would jump from **41st to 27th** in job access.
 - What the data shows is that we need everything to compete
 - While research scenarios stack, investments need not. Implement as able!
- **Land Use** strategies that incentivize transit-oriented development, affordable housing, and/or employment centers can accelerate job access gains.

THANK YOU

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