2045 Population and Employment Allocations Project Update
2045 Population and Employment Allocations

• Background
• MPO Regional Transportation Scenarios & Outreach
• Hillsborough County Land Use Implications
• Next Steps
What does the future look like?

<table>
<thead>
<tr>
<th>Year</th>
<th>Population</th>
<th>Employment</th>
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</thead>
<tbody>
<tr>
<td>2016</td>
<td>1,293,000</td>
<td>830,000</td>
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<tr>
<td>2020</td>
<td>1,467,000</td>
<td>939,000</td>
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<td>2025</td>
<td>1,603,000</td>
<td>1,026,000</td>
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<td>2030</td>
<td>1,723,000</td>
<td>1,103,000</td>
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<td>2035</td>
<td>1,825,000</td>
<td>1,168,000</td>
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<tr>
<td>2040</td>
<td>1,920,000</td>
<td>1,229,000</td>
</tr>
<tr>
<td>2045</td>
<td>2,007,000</td>
<td>1,284,000</td>
</tr>
</tbody>
</table>
What does the future look like?

714,000 more people

454,000 more jobs
Land for Future Development and Redevelopment

52,200 acres

Vacant, developable and redevelopable land within the Urban Services Area and three Cities.
Reaching “Buildout”

Approximate Buildout of USA & Cities

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<thead>
<tr>
<th>Year</th>
<th>Population</th>
<th>Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>1,352,800</td>
<td>865,800</td>
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<tr>
<td>2020</td>
<td>1,602,900</td>
<td>1,025,900</td>
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<td>2025</td>
<td>1,824,900</td>
<td>1,128,700</td>
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<td>2030</td>
<td>1,919,900</td>
<td>1,167,900</td>
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<td>2035</td>
<td>2,007,100</td>
<td>1,228,700</td>
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<td>2040</td>
<td>2,074,900</td>
<td>1,257,000</td>
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<tr>
<td>2045</td>
<td>2,107,800</td>
<td>1,284,000</td>
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</table>
How will we respond?

- Exploring our options for future growth
- Understanding the implications of choices
- Developing a “hybrid plan”
Aligning with Other Efforts

Local Population & Employment Projections
Trends & Market Analysis

MPO Regional Scenarios

Hybrid Scenario or Vision

Regional LRTP

MPO LRTP
Local Comprehensive Plan
CIP
Master Plans
MPO Regional Transportation Scenarios & Outreach
Why scenario planning? And, how will it be used?

- Help people visualize the long-term implications of today’s decisions
- Explore “what-ifs” – about things we control and also things we don’t
- Build consensus with quantitative feedback … what long-range outcomes are the most widely accepted?

The Atlanta Regional Commission used a similar process to develop its 2050 LRTP
Scenario planning – our process

- Three exaggerated future scenarios
- Seek broad public feedback
- Develop hybrid, realistic scenario
Engagement plan and other outreach strategies

• MetroQuest will be the primary tool for receiving feedback, but also:
  • Pop-up events
  • Outreach at community events, locations
  • Purchased ads
  • Earned media and,
  • Partnerships
MetroQuest – What is Important to You?

Tampa Bay Regional LRTP

What is important to you?

Traffic Jams

Reduce amount of time spent sitting in traffic on a typical weekday

Open/Green Spaces

Storm Vulnerability

Traffic Jams

Alternatives to Driving

Economic Prosperity

Public Service Costs

Clean Air & Water

Equal Opportunity

Drag your top 5 items above this line

DRAFT

Suggest another
MetroQuest – Imagine Your Future!

Tampa Bay Regional LRTP

3. How should we grow?

Scenario A
Imagine a future where we primarily invest in NEW TECHNOLOGIES and select roadway projects to manage traffic flow. Click on Show Map to view scenario.

- Investments in new technologies & driverless cars influence commuting
- Regional rapid buses on I-275 shoulders
- Select roadway projects help improve local and regional connectivity
- Pinellas redevelops while Hillsborough and Pasco grow in suburbs and rural areas

Future impact on your priorities:
- Clean Air & Water
- Open/Green Spaces
- Economic Prosperity
- Livable Communities
- Transit Connectivity
- Social Equity
- Educational Opportunity

By 2045, Worse than today
By 2045, Better than today

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PROXY DATA* To be updated based on technical modeling results
- Regional rapid buses on I-275 shoulders
- Targeted roadway projects
- Investments in new technologies & driverless cars influence commuting
- Pinellas redevelops while Hillsborough and Pasco grow in suburbs and rural areas
New tolled express lanes create a loop linking the three counties

- SR 54 (Pasco) to McMullen-Booth Road (Pinellas) to Howard Frankland Bridge to downtown Tampa (Hillsborough)

North of downtown Tampa, I-275 converted to street-level boulevard.

Growth focused near expressway interchanges and corridors
Significant bus and rail investments incentivizes infill and redevelopment, creating denser towns and cities.

Rail service on existing train tracks connects the three counties and rapid bus service found on most major roads.

Rail service connects the region to Orlando.
MetroQuest – Rate the Options!

What should be in the plan?

Roadways  Transit  Community  Funding

Roadway Options
- Advanced Technology
- New/Expanded Ramps
- Elevated Toll Roads
- Complete the Loop
- I-275 Boulevard

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Advanced Technology
Invest in smart infrastructure to support driverless vehicles and better manage traffic flow.

Please rate this image from 1 star (least preferred) to 5 stars (most preferred).
We need your help!

• Outreach across the region from July 20-September 30
• Help connect us with civic groups, get the word out
• Encourage people to visit [www.ItsTimeTampaBay.org](http://www.ItsTimeTampaBay.org) this summer!
Hillsborough County
Land Use Implications
Trend Plus Scenario

- Continuation of existing trends
- Outward expansion
- Highway investment with transit
- Greatest amount of new infrastructure needed
- More impervious surface
Belt and Boulevard Scenario

- Reinvent I-275 as a boulevard with busway
- Tolled express lanes
- Expansion along I-4 based on ULI report
- Assumes that some 2045 population growth will be absorbed by other counties.
Transit Oriented Scenario

- Significant transit investment
- Rail and bus rapid transit
- Intensification and redevelopment along transit corridors
- Can absorb all 2045 population and employment growth within existing USA boundaries
- Less auto dependent trips
Implications of the Scenarios
Growth within the Urban Services Area

- **Trend**: Population 458,300, Employment 454,000
- **Beltway**: Population 491,100, Employment 454,000
- **Transit Oriented**: Population 566,000, Employment 454,000
Acres of New Impervious Surface

- Trend: 29,000
- Beltway: 24,800
- Transit Oriented: 25,200
Demand for Water and Sewer
(new millions of gallons per day)

- **Trend**: 76.4 total
  - Within USA: 54.4
  - Outside of USA: 22.0

- **Beltway**: 63.5 total
  - Within USA: 52.3
  - Outside of USA: 11.2

- **Transit Oriented**: 65.0 total
  - Within USA: 56.1
  - Outside of USA: 8.9

*Includes land uses that require urban services.*
Demand for Water and Sewer
(new distribution lines: 000s of feet)

Trend
- 2,270
- 1,490

Beltway
- 2,010
- 590

Transit Oriented
- 2,020
- 580

* Includes land uses that require urban services.
New Local Streets (lane miles)

- **Trend**: 2,130 total - 1,290 within USA, 840 outside of USA
- **Beltway**: 1,490 total - 1,150 within USA, 340 outside of USA
- **Transit Oriented**: 1,480 total - 1,150 within USA, 330 outside of USA
New Home-based Auto Trips per Day

<table>
<thead>
<tr>
<th>Category</th>
<th>Within USA</th>
<th>Outside of USA</th>
<th>Total</th>
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<tbody>
<tr>
<td>Trend</td>
<td>1,080,000</td>
<td>666,000</td>
<td>1,746,000</td>
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<tr>
<td>Beltway</td>
<td>1,022,000</td>
<td>411,000</td>
<td>1,463,000</td>
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<tr>
<td>Transit Oriented</td>
<td>1,080,000</td>
<td>383,000</td>
<td>1,433,000</td>
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</table>
Next Steps

- MPO Regional Transportation Scenario Outreach – July-September
- Continued input from Local Governments on Preferred Land Use alternatives
- Hybrid scenario by end of 2018