2019 Transportation Justice & Title VI Report
Title VI, EJ, and TJ . . . “Oh my!”
Putting it all together

Transportation Justice

Title VI

Environmental Justice

Mobility Challenged (formerly: Transportation Justice)
Update to 2013 EJ/Title VI Report and 2015 TJ Report

Satisfy all requirements (and hopefully requests, too!)

New analyses -- particularly around multimodal connectivity

More streamlined
  - Less project justification
  - Fewer background statistics

Guided by working group
Transportation Justice & Title VI Report

- Executive Summary
- Background

- Part 1: Environmental Justice
  - Introduction, spatial analysis, public participation
  - Title VI Plan Summary – full plan in Appendix

- Part 2: Mobility Challenged
  - Introduction, spatial analysis, public participation

- Summary of Recommendations
Public Opinion Survey
Telephone survey sample of 600 residents
- Reflective of population
- Stronger demographic quotas now in place

Opinions of transportation system and policy

Revamped in 2017 for the 2050 Regional Transportation Plan
Public Opinion Survey

Transportation sometimes keeps me from activities

- Under $25K: 47%
- $25K to $50K: 20%
- $50K to $100K: 18%
- More than $100K: 9%
Public Opinion Survey

I have heard of WILMAPCO

- UNDER $25K: 10%
- $25K TO $50K: 19%
- $50K TO $100K: 29%
- MORE THAN $100K: 43%
Public Opinion Survey

I have heard of WILMAPCO

- **WHITE**: 38%
- **HISPANIC**: 18%
- **BLACK**: 19%
Improving bus service “very important”
Spatial Analysis
New EJ Area Definitions

- Use latest available data: 2012-2016 American Community Survey (ACS)

- Census block group level analysis. Locate **heaviest concentrations** of EJ groups. Work to ID other areas not captured by ACS.

- Tweak methodology
  - More inclusive for places home to high percentages of low income or minority groups only (not in combination)
EJ NEIGHBORHOODS*
WILMAPCO Region

2019 Transportation Justice Report

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* EJ Neighborhoods are concentrations of low-income and minority populations, based on data from the 2012-16 American Community Survey. Neighborhoods in the City of Newark are disqualified from being EJ areas per a decision by the WILMAPCO Council. Heavy student presence inflates the city’s poverty levels.

EJ Areas
- Moderate
- Significant

Source: 2012-16 ACS

miles

0 5 10

City of Wilmington inset
Planned EJ Analysis

- Multi-modal connectivity analysis – low-wage employment, grocery stores, libraries, hospitals, senior centers vs. EJ areas (UD analysis)
- Food desert bus connectivity to supermarkets
- Location efficiency (CNT); travel time
- Health impacts (via Policy Map and SDOH)
- TIP project equity
- Public bus affordability
- Crash rates
- SLR exposure
Planned EJ Analysis

Connectivity Analyses
WILMAPCO Region
2015 Transportation Justice Report
TJ Analysis: Connectivity

- Extended analysis: all regional block groups to destinations (calculated at housing unit level) by mode
- Block groups with TJ and MC and other variables flagged for equity analysis
- Rich regional AND equity based analyses
TJ Analysis: Connectivity

- Libraries
- Low-wage job centers
- Grocery stores
- Community centers
- Senior centers
- State Service Centers
- Urgent care
- Medical centers
- Pharmacies
TJ Analysis: Connectivity
TJ Analysis: Connectivity

- 10 minute accessible walking trip
- 10 minute accessible biking trip
- 15 minute accessible car trip
- 45 minute accessible, one-way bus trip (including no more than 15 mins walking, total)
45-minute transit trip to supermarket
10-minute walk access to a low-wage center
10-minute bike access to a pharmacy
Planned MC Analysis

- Multi-modal connectivity analysis – low-wage employment, grocery stores, libraries, hospitals, senior centers vs. MC areas (UD analysis)
- Location efficiency (CNT)
- Health impacts (via Policy Map and SDOH)
- Crash rates
- ARCCA public transit analysis
- ARCCA pedestrian analysis
Public Participation
LEP Clusters Definitions

- Use latest available data: 2012-2016 American Community Survey
- Census block group level analysis
- Tweak methodology
  - More stringent
  - Screen for dominant non-English language
LEP Clusters*  
WILMAPCO Region  
2019 Transportation Justice Report

*Limited English Proficient (LEP) clusters are contiguous census block groups where the percentage of the population over 5 years of age who speak English less than "very well" greatly exceeds the regional average. LEP clusters are then screened by noting the heavy presence of Hispanics and/or Asians within them, which allows for their further classification as "Spanish language dominant," "Asian language dominant," or a mixture of the two. Data: 2012 - 2016 American Community Survey and the 2010 Census.
Timeline

- Analysis to proceed through Spring 2019 with draft by Summer 2019
- Will follow on the heels of the 2050 RTP
- Projected Council endorsement in November 2019
EXTRA SLIDES
What is Title VI?

- **Civil Rights Act**
  - Discriminatory Statute (*race, color, national origin*)
  - Regulatory requirements
  - Enforceable in court

- **Differing FTA/FHWA Interpretations**
  - *Race, color, national origin*, sex, age, disability, low-income, and limited English proficiency

- **General MPO Requirements**
  - Title VI Policies/Program
  - Demographic and mobility analyses
What is Environmental Justice?

- **Executive and DOT Orders**
  - Disparate impacts to *low income* and *minority persons*
  - Not enforceable in court

- **Requirement 1: Fair Treatment**
  - No group should bear a disproportionate share of transportation's *benefits* or *burdens*

- **Requirement 2: Meaningful Involvement**
  - Facilitate involvement of those affected by proposed actions/polices
What is Transportation Justice?

- **WILMAPCO—extension of EJ**
  - Mobility needs of **seniors, people with disabilities** and **households without vehicles**

- **Our analysis**: connectivity and accessibility analyses; public engagement needs

- Re-classify as “Mobility Challenged”
New EJ Area Definitions

MODERATE – 3 paths
1. Poverty greater than the regional average, and
   • NH Blacks 3x the regional average, or
   • Hispanics 3x the regional average, or
   • NH Asians 3x the regional average
2. Racial/ethnic minorities 2x the regional average
3. Poverty 2x the regional average

SIGNIFICANT - 3 paths
1. Poverty 2x greater than the regional average, and
   • NH Blacks 3x the regional average, or
   • Hispanics 3x the regional average, or
   • NH Asians 3x the regional average
2. Racial/ethnic minorities 90% or more the block group’s population
3. Poverty 3x the regional average
1. Percentage of the population over 25 with less than a 9th grade education exceeds 3x the regional average

• PLUS - adjoining block groups with a percentage of the population over 25 with less than a 9th grade education exceeding 2x the regional average
New LEP Area Definitions

LEP CLUSTER

1. Percentage of the population over 5 who speak English less than “Very Well” exceeds 3x the regional average

   • PLUS - adjoining block groups with a percentage of the population over 5 who speak English less than “Very Well” exceeding 2x the regional average

LANGUAGE SCREEN

• Spanish (high % of Hispanics)
• Asian (high % of Asian)
• Spanish/Asian mixture (high % of both Hispanic and Asian)
New MC Area Definitions

MODERATE – 4 paths

1. Households without vehicles greater than 2x the regional average, and
   • Disabled greater than the regional average, or
   • Seniors greater the regional average, or

2. Households without vehicles greater than 3x the regional average

3. Disabled greater than 3x the regional average

4. Seniors greater than 3x the regional average

SIGNIFICANT

1. Households without vehicles greater than 3x the regional average, and
   • Disabled greater than the regional average, or
   • Seniors greater than the regional average, or
*EJ Neighborhoods are concentrations of low-income and minority populations, based on data from the 2012-16 American Community Survey. Neighborhoods in the City of Newark are disqualified from being EJ areas, per a decision by the WILMAPCO Council. Heavy student presence inflates the city’s poverty levels.
MC Neighborhoods*  
WILMAPCO Region  
2019 Transportation Justice Report  

*MC Neighborhoods are concentrations of senior, people with disabilities, and households without an automobile based on data from the 2002-2006 American Community Survey, and the 2010 Census.

Proposed MC Areas  
- Moderate  
- Significant  

Current MC Areas  
- Moderate/Significant  

City of Wilmington Inset

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miles

Scale: 1 mile = 0.64 miles

Source: 2012-2016 ACS, 2010 Census
LEP Clusters

WILMAPCO Region

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*Proposed LEP Clusters

- LEP: Spanish speaking
- LEP: Asian language-speaking
- LEP: Mix of Spanish and Asian Languages

Current LEP Clusters
- All three LEP clusters

Source: 2002-05 ACS, 2010 Census

“Limited English Proficient (LEP) clusters are contiguous census block groups where the percentage of the population over 5 years of age who speak English less than ‘very well’ greatly exceeds the regional average. LEP clusters are then screened by noting the heavy presence of Hispanics and/or Asians within them, which allow for their further classification as ‘Spanish language-dominant,’ ‘Asian language dominant,’ or a mixture of the two. Data: 2002 - 2015 American Community Survey and the 2010 Census.”