

Environmental Justice Analysis



Title VI Implementation Program

- 1) Signed Assurance
- 2) Method of Administration
- 3) Title VI Implementation Plan
 - Nondiscrimination Statement of Policy
 - Title VI Coordinator
 - Procedures for Assuring Compliance and Enforcement
 - Outreach
 - Training
 - Complaints
 - Title VI Issues
 - Program Review; Performance Measures
 - Data Collection
 - Environmental Justice: Burdens and Benefits Analysis**
 - Compliance
 - Enforcement Procedures
 - Accomplishment Report
 - Annual Work Plan
 - Title VI Contract Provisions
 - Disadvantaged Business Enterprises (DBE)
 - Title VI Manuals and Procedures
- 4) Public Involvement



Environmental Justice Analysis

Incorporate environmental justice and equity principles into the regional transportation planning process, by considering the distribution of benefits and burdens of investments.



Using census information, analyze regional data to identify EJ communities of concern.

Census tracts exceeding regional mean for protected populations.

- Minorities.
- Low Income.
- Elderly.
- Mobility disability.
- Female head of household.



COMMUNITIES OF CONCERN FOR MARICOPA COUNTY

Category	Population		Census Tracts			
	Population	Percent	Number of Tracts \geq County Average	% Tracts	Affected Population	% of Targeted Population Captured in Tracts
Maricopa County	3,072,149	100%	663	100%	--	--
Minority	1,037,619	34%	238	36%	699,429	67%
Age 60+	466,269	15%	197	30%	280,901	60%
Poverty	355,668	12%	234	35%	255,373	72%
Mobility	368,306	12%	296	45%	235,200	64%
Female Hsehd.	71,467	2%	322	49%	51,639	72%

Source: U.S. Census - 2000

Regional Transportation Plan

Fig. 7-1

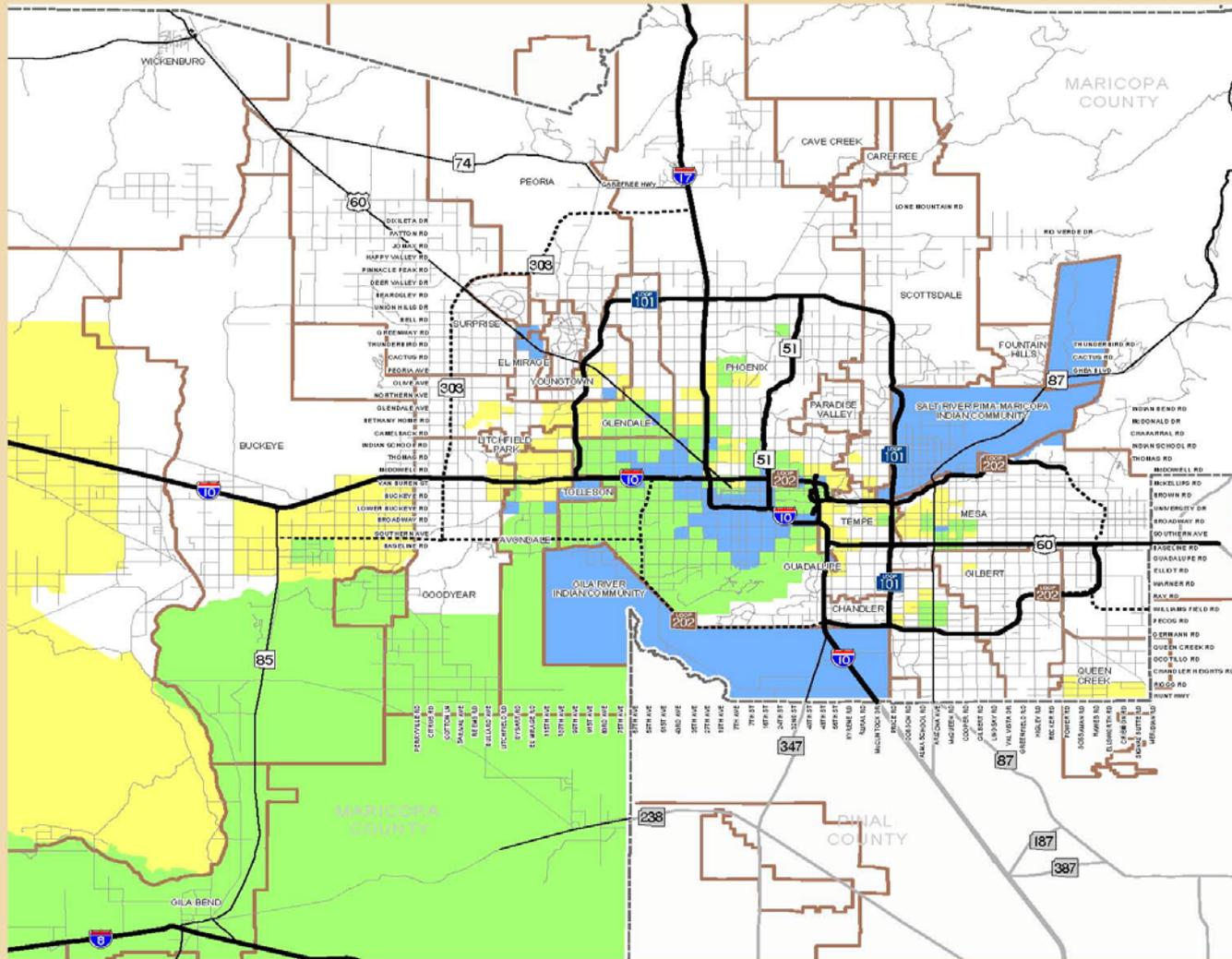


Environmental Justice: Minority Populations in Maricopa County (2000 Census)

Percent Minority Population

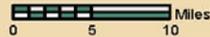
(County Average = 33.78%)

- 0% to 33%
- 33% to 50%
- 50% to 75%
- 75% to 100%
- Municipal Planning Area
- County Boundary
- Existing Freeway
- Planned Freeway/Highway
- Highways
- Other Roads



Source: 2000 Census, Tract level data

While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.



Regional Transportation Plan

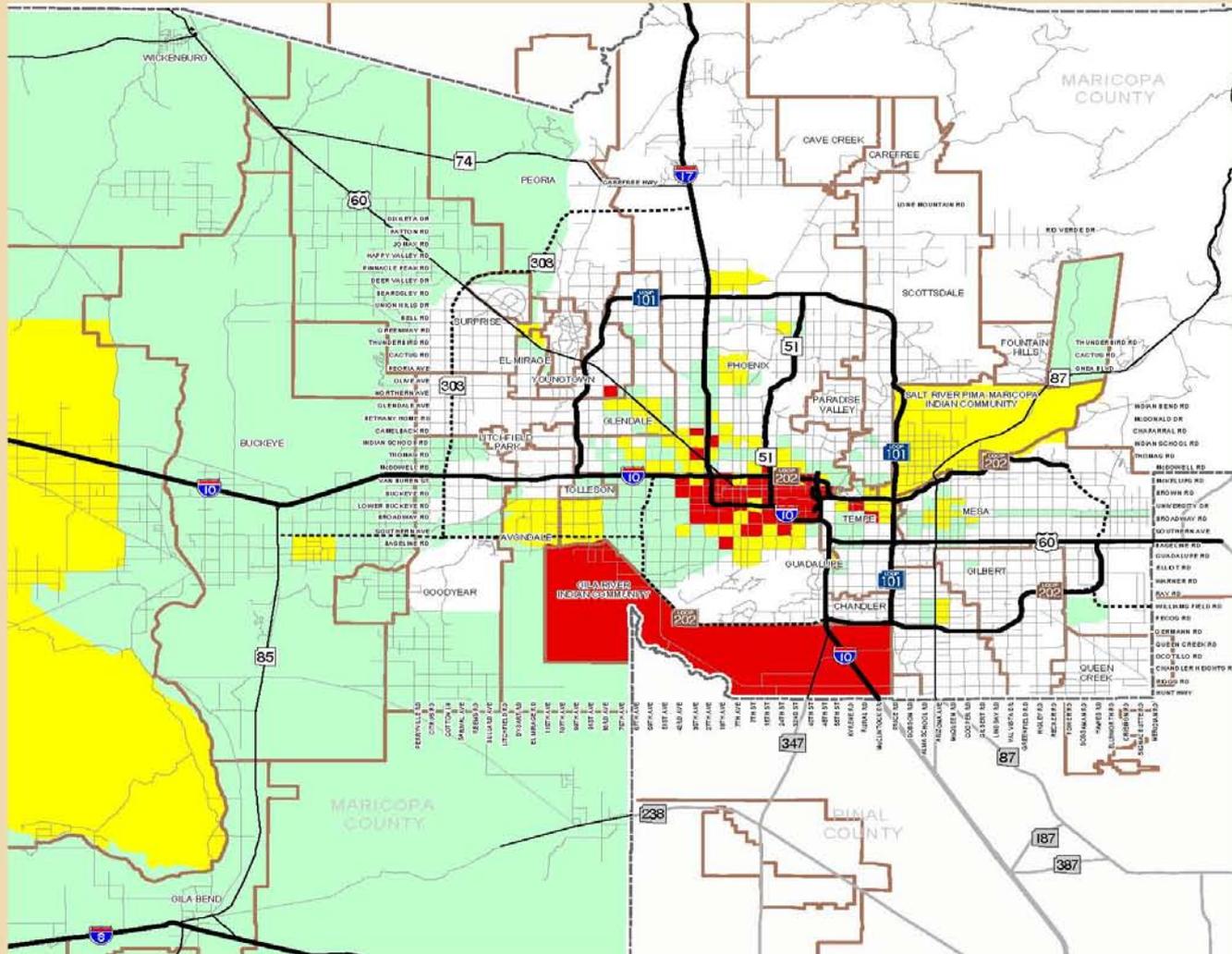
Fig. 7-3



Environmental Justice: Low Income Population in Maricopa County (2000 Census)

Percent Population in Poverty
(Maricopa County Average = 11.75%)

- Less than 11.75%
- 11.75% to 20.00%
- 20.00% to 35.00%
- More than 35.00%
- Municipal Planning Area
- County Boundary
- Existing Freeway
- Planned Freeway/Highway
- Highways
- Other Roads



Source: 2000 Census, Tract level data

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0 5 10 Miles



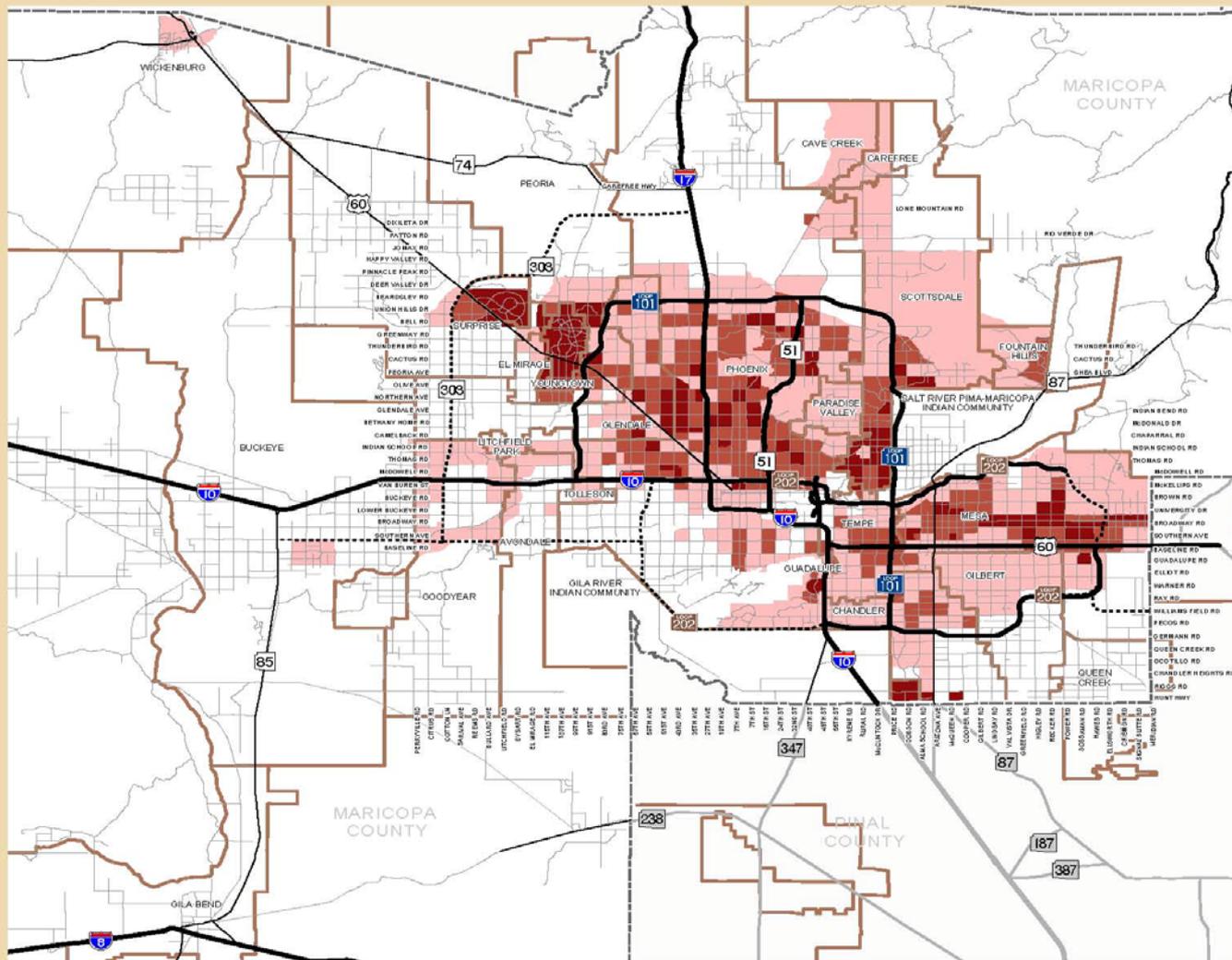
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Regional Transportation Plan

Fig. 7-5



Environmental Justice: Population Age 60 and Over in Maricopa County (2000 Census)



- Persons per Square Mile
(Maricopa County Average = 50.61)
- Less than 50
 - 50 to 500
 - 500 to 1,000
 - More than 1,000
 - Municipal Planning Area
 - County Boundary
 - Existing Freeway
 - Planned Freeway/Highway
 - Highways
 - Other Roads



Source: 2000 Census, Tract level data

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Regional Transportation Plan

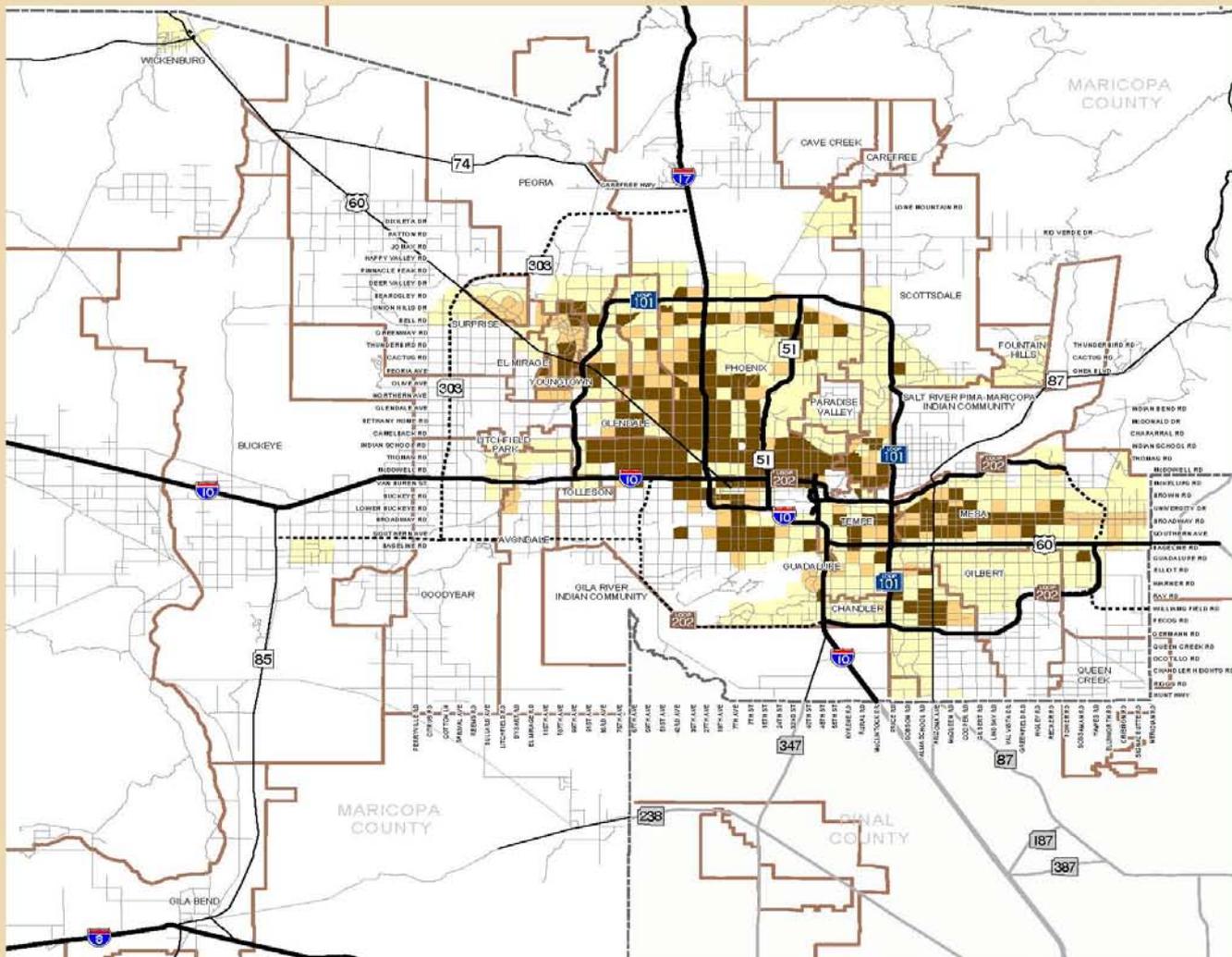
Fig. 7-7



Environmental Justice: Mobility Disability Populations in Maricopa County (2000 Census)

Persons per Square Mile
(Maricopa County Average = 19.13)

- Less than 20
- 20 to 200
- 200 to 300
- More than 300
- Municipal Planning Area
- County Boundary
- Existing Freeway
- Planned Freeway/Highway
- Highways
- Other Roads



Source: 2000 Census, Tract level data

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Regional Transportation Plan

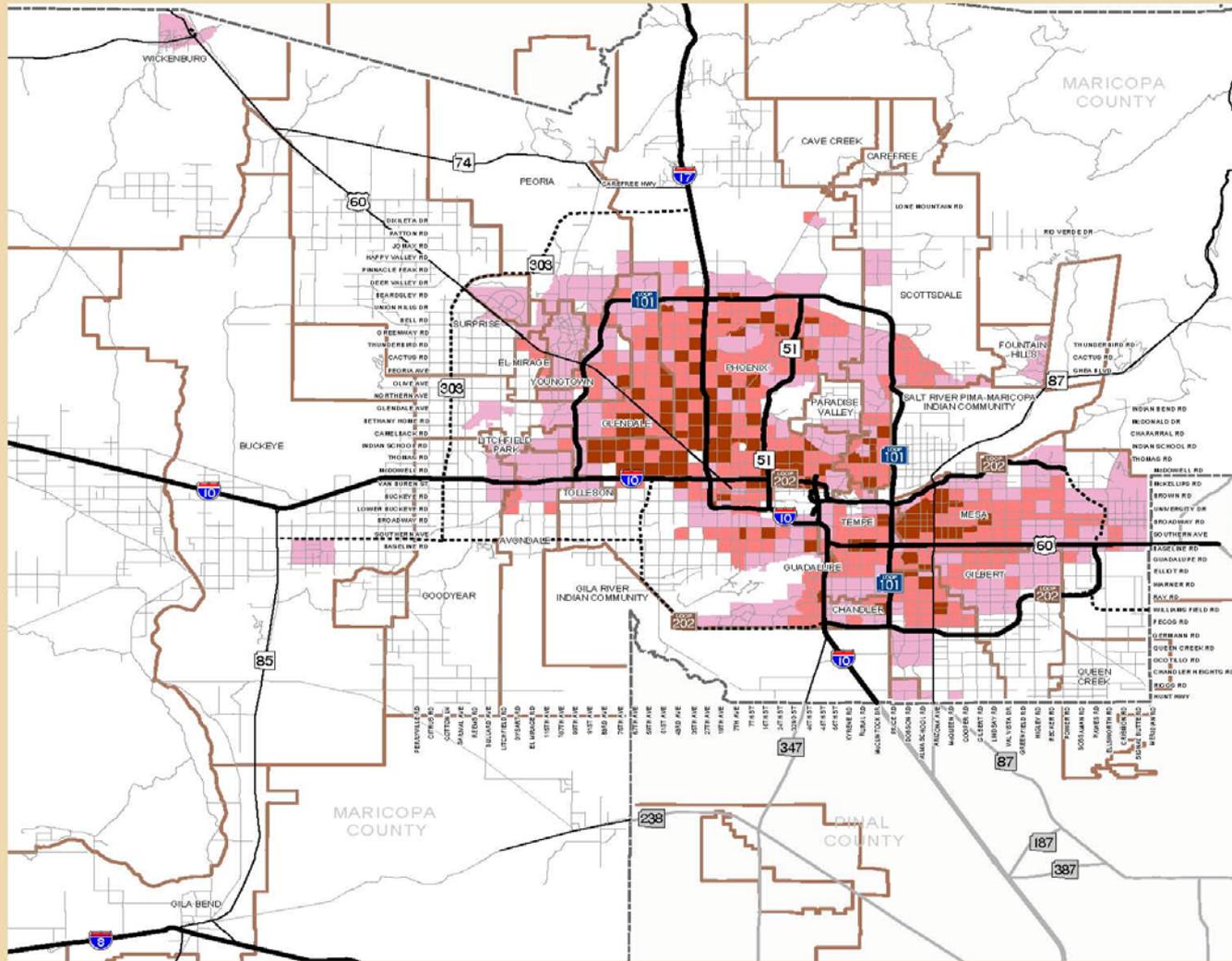
Fig. 7-9



**Environmental Justice:
Female Head of
Household with Children
Less than 18 Years of Age
in Maricopa County
(2000 Census)**

Families per Square Mile
(Maricopa County Average = 12.52)

- Less than 12
- 12 to 100
- 100 to 300
- More than 300
- Municipal Planning Area
- County Boundary
- Existing Freeway
- Planned Freeway/Highway
- Highways
- Other Roads



Source: 2000 Census, Tract level data

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Evaluate transportation system to compare the impacts of a project or plan with other “non-EJ” neighborhoods or groups.

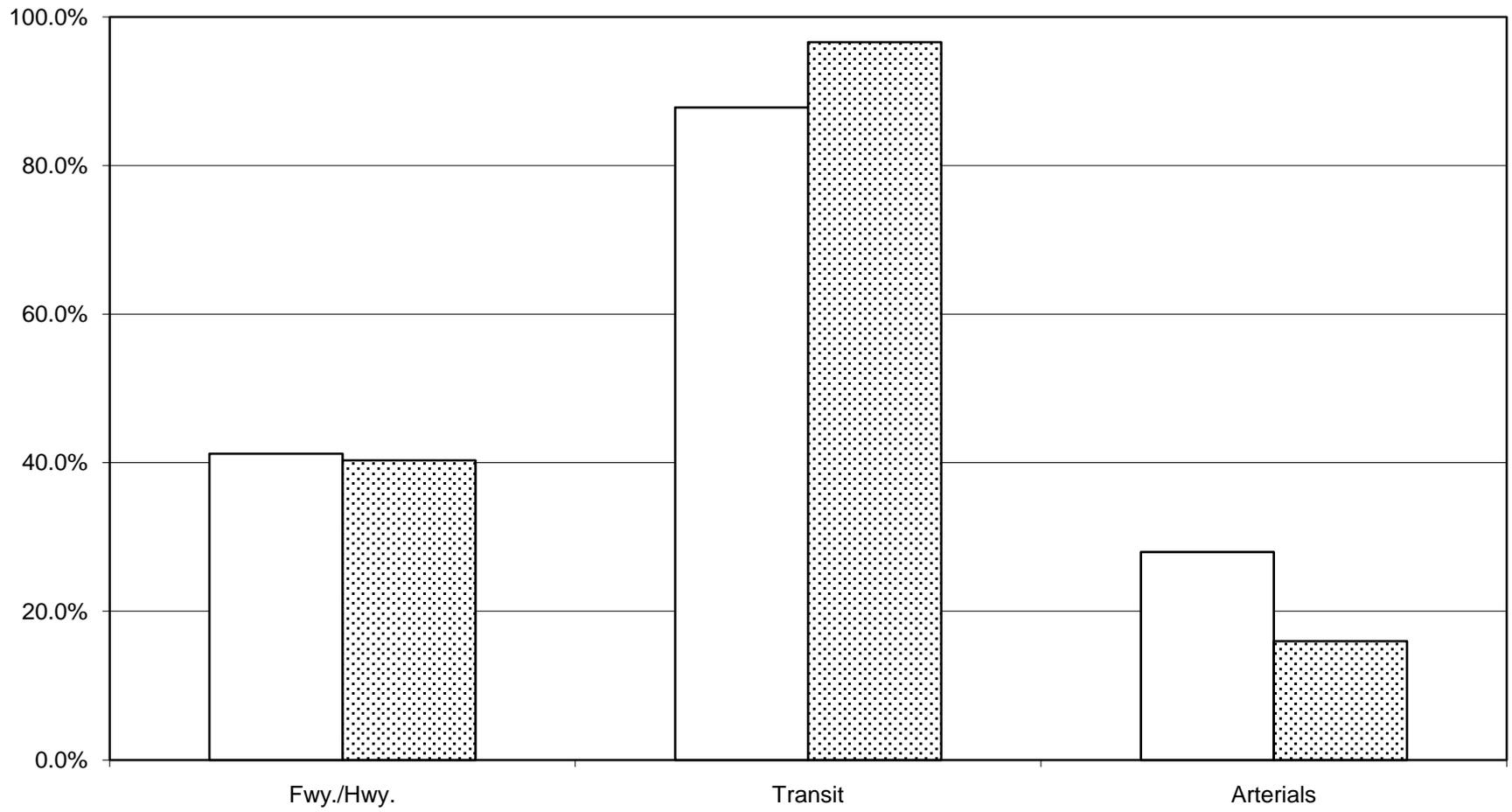
Measuring Benefits:

- Accessibility to jobs or other activities.
- Travel times to selected activity centers.
- Provision and quality of transportation services.
- Proximity to projects.

Measuring Burdens:

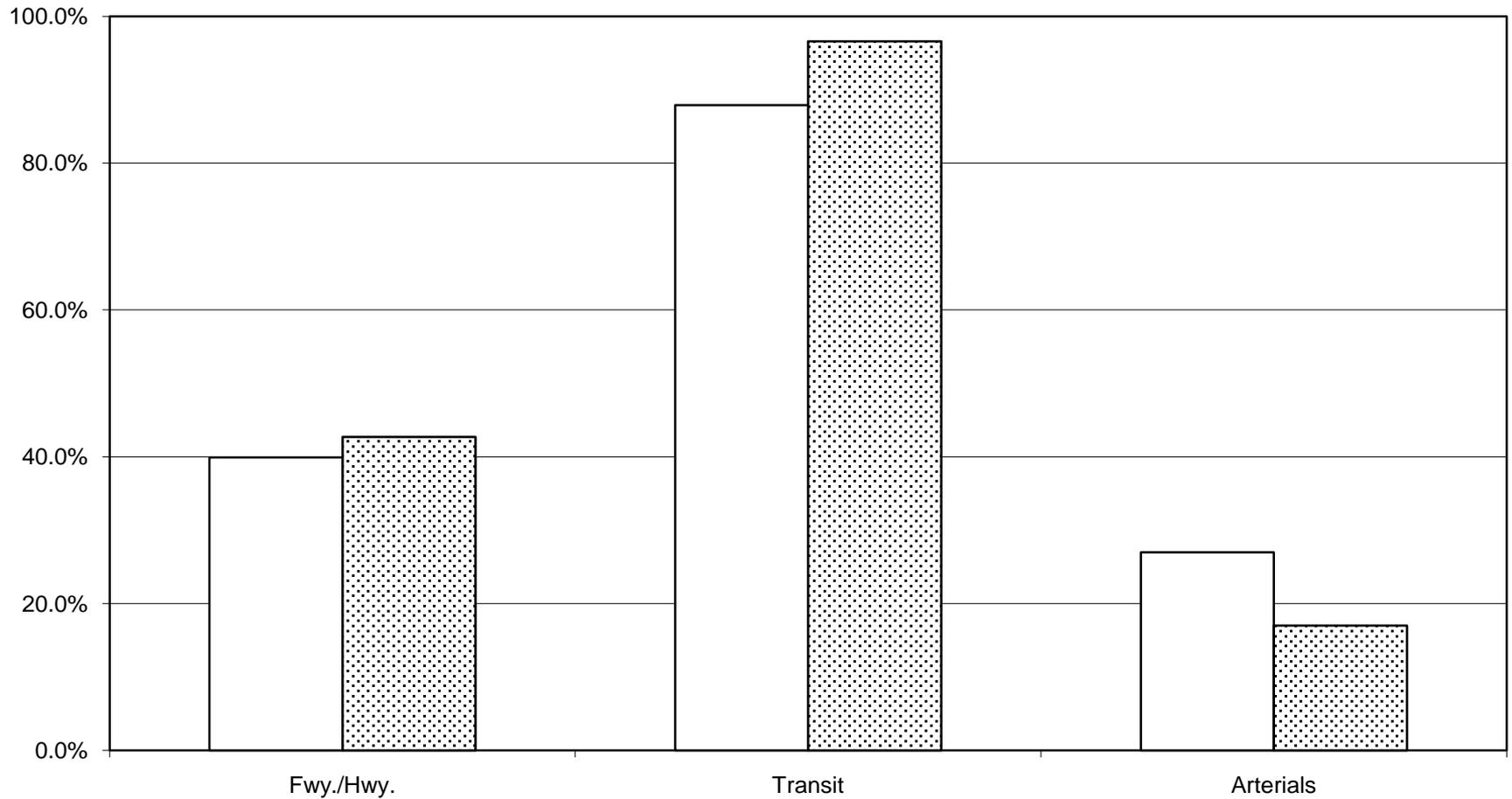
- Community cohesion/disruption.
- Economic (reduced employment).
- Fiscal decline (Tax base or prop. values).
- Displacement of residents and business.
- Increased noise, emissions.
- Diminished aesthetics.

TRANSPORTATION PROGRAMS



□ **Non-Minority** ▣ **Minority**

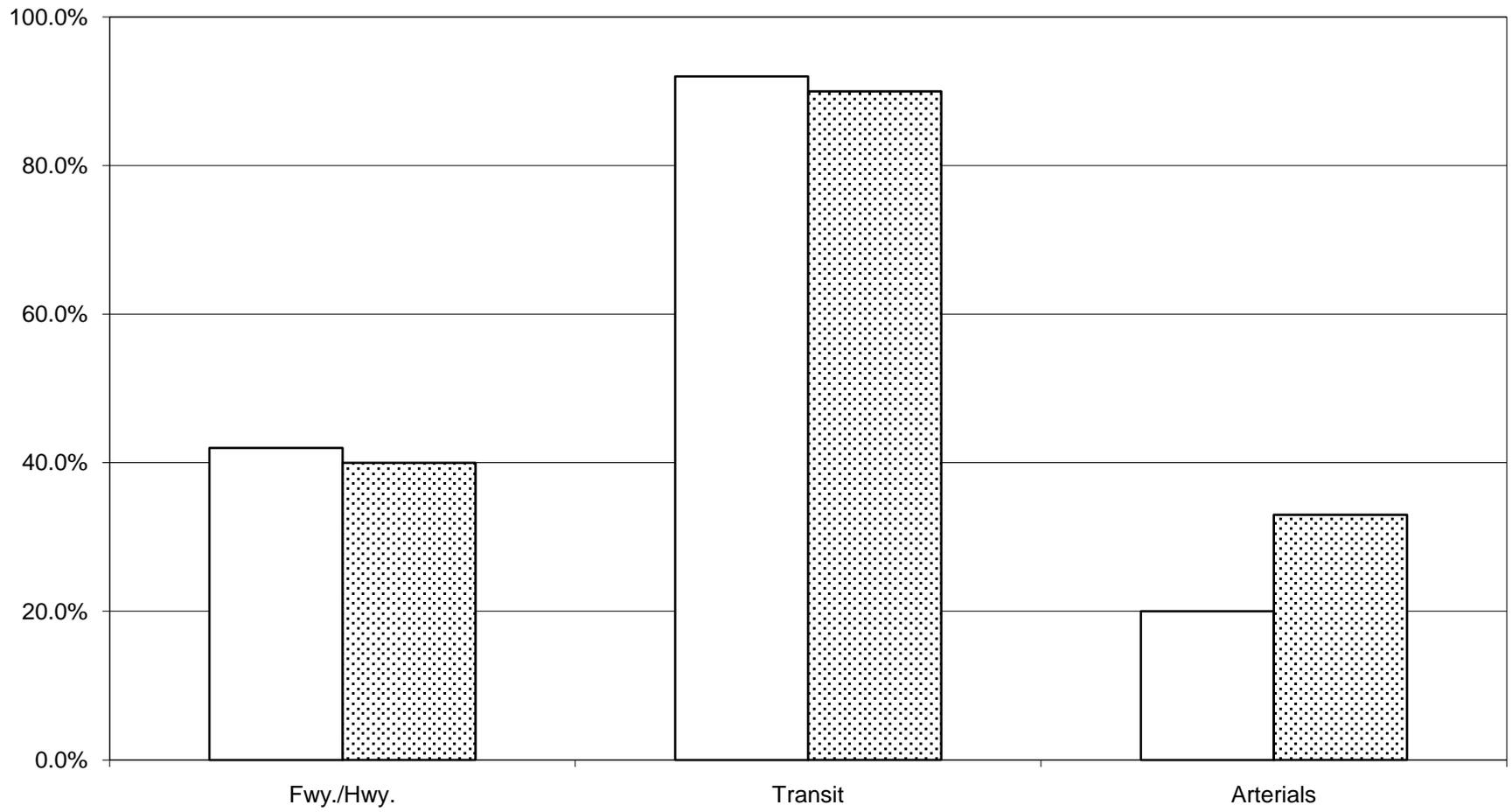
TRANSPORTATION PROGRAMS



□ **Non-Low Income**

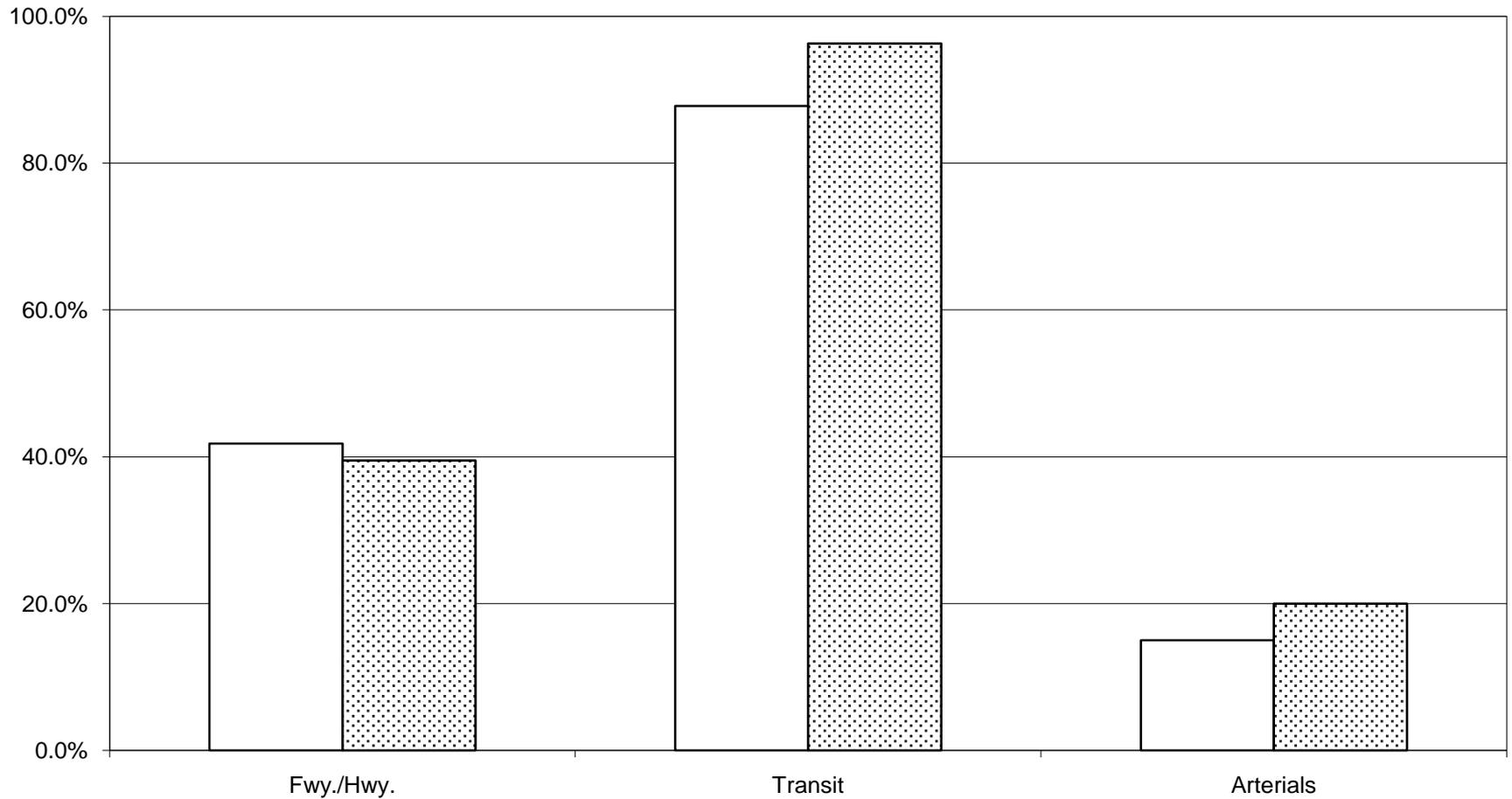
▣ **Low Income**

TRANSPORTATION PROGRAMS



Non-Age 60+ **Age 60+**

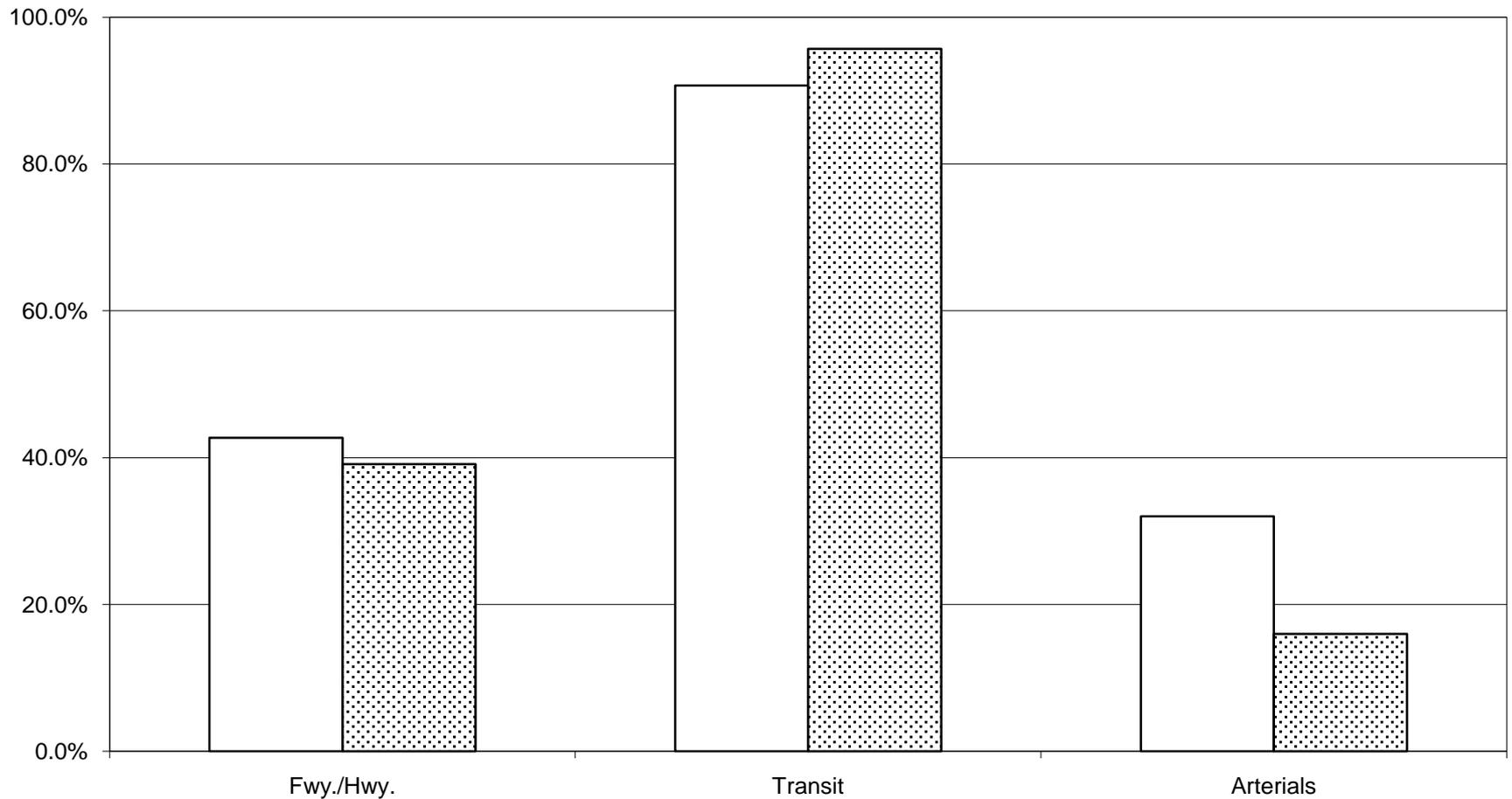
TRANSPORTATION PROGRAMS



□ **Non-Disability**

▣ **Disability**

TRANSPORTATION PROGRAMS



□ **Non-Female HHLD**

▣ **Female HHLD**

Data from the 2010 census will provide the opportunity to update and enhance the environmental justice analysis.

