

## APPENDIX C

**PROPENSITY FOR TRANSIT USE**

This appendix presents statistics on the propensity for transit use by various population groups. Propensity for transit use is measured for those people who perceive that one form of public transit is available to them. Population groups are determined by demographic, socio-economic, or land use characteristics along with one of two geographic units: population size of metropolitan statistical area or urbanization classification.

The propensity for transit use by a given population group answers the following question: How does that group's per capita use of public transit compare to the per capita use of public transit nationwide? To be precise, let  $P_g$  be the propensity for transit use by a particular population group,  $U_g$  be the group's per capita use, and  $U$  be the per capita use nationwide. The following holds for these three variables:  $P_g = U_g / U$ .

A few hypothetical examples may help understand the propensity for transit use by population groups who perceive public transit to be available. A value of 1.0 for a population group would mean that persons in this group make as many public transit trips per person as the national average. A value of 0.5 for the same population group would mean that persons in this group make half as many public transit trips as the national average. Finally, a value of 2.5 would mean that persons in the group make two and a half times as many public transit trips as the national average.

The statistics in this appendix are presented by demographic, socio-economic, and land use characteristics. For a given characteristic, propensity for transit use is shown in both tabular and graphic format first by MSA population categories and then by urbanization classifications.

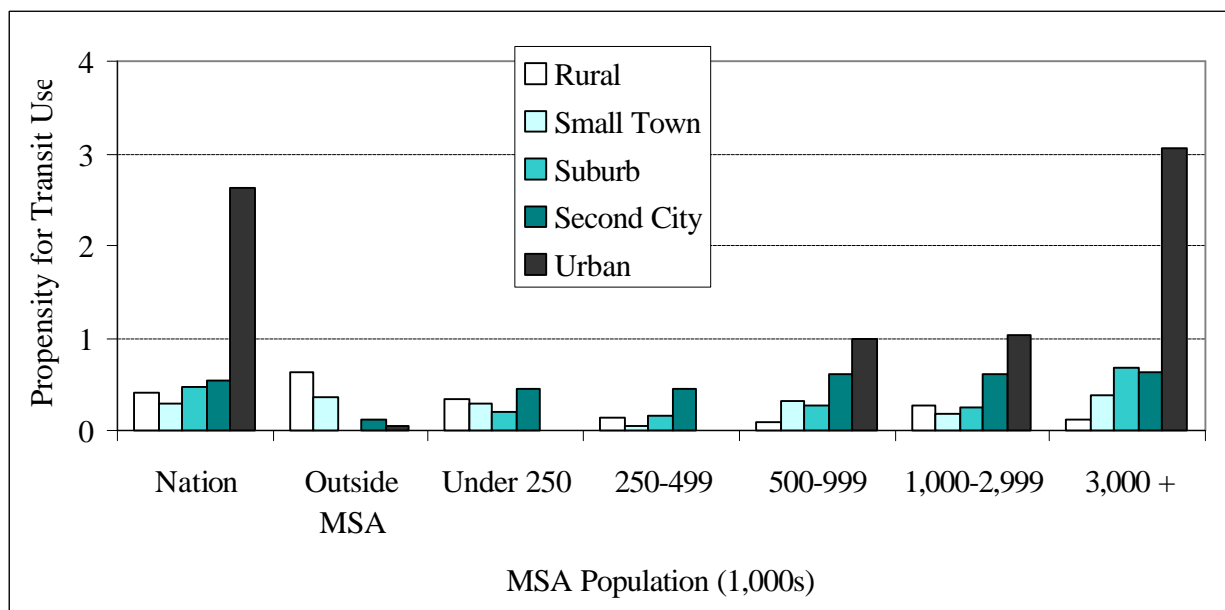
**Table C-1. Propensity for Transit Use by MSA Population and Urbanization.**

MSA Population (1,000s)	Urbanization					
	Rural	Small Town	Suburb	Second City	Urban	Total
Nation	0.41	0.28	0.47	0.54	2.63	1.00
Outside MSA	0.63	0.35	0.00	0.12	0.04	0.41
Under 250	0.33	0.29	0.20	0.45	0.00	0.39
250-499	0.14	0.04	0.15	0.45	0.00	0.27
500-999	0.08	0.31	0.26	0.62	1.00	0.45
1,000-2,999	0.27	0.18	0.24	0.61	1.02	0.47
3,000 +	0.12	0.38	0.67	0.64	3.05	1.60

Source: Person File and Travel Day File.

**Figure C-1. Propensity for Transit Use by MSA Population and Urbanization.**

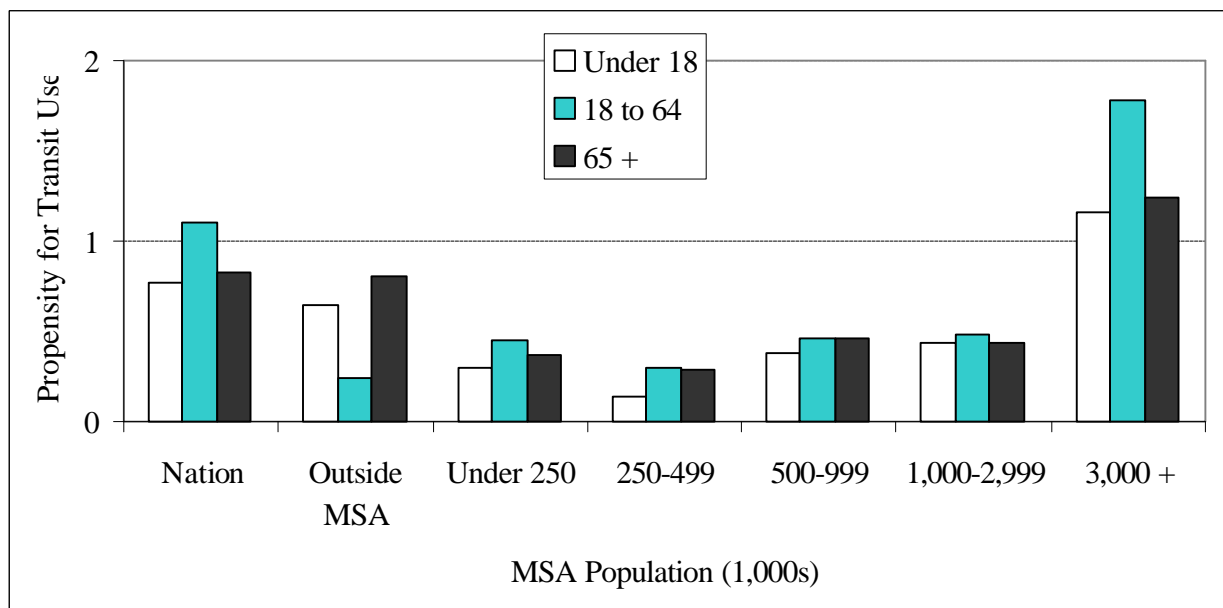
Source: Table C-1.



**Table C-2. Propensity for Transit Use by MSA Population and Person Age.**

MSA Population (1,000s)	Person Age			
	Under 18	18 to 64	65 +	Total
Nation	0.77	1.10	0.82	1.00
Outside MSA	0.64	0.24	0.81	0.41
Under 250	0.30	0.44	0.36	0.41
250-499	0.14	0.30	0.29	0.26
500-999	0.38	0.46	0.46	0.45
1,000-2,999	0.43	0.48	0.44	0.46
3,000 +	1.16	1.78	1.24	1.59

Source: Person File and Travel Day File.

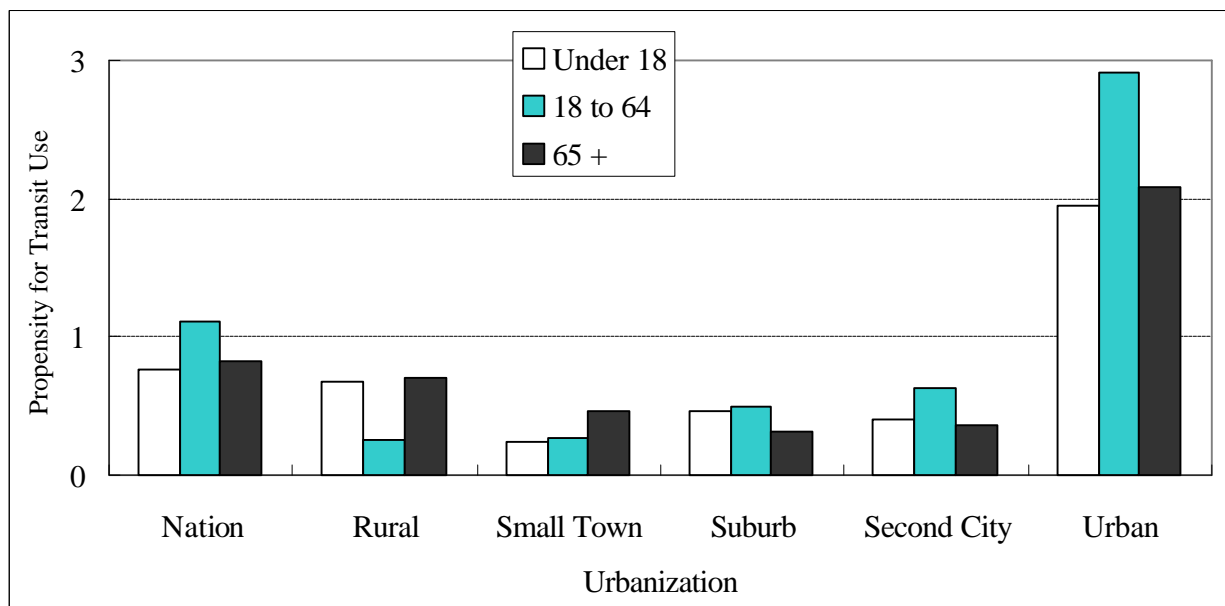
**Figure C-2. Propensity for Transit Use by MSA Population and Person Age.**

Source: Table C-2.

**Table C-3. Propensity for Transit Use by Urbanization and Person Age.**

Urbanization	Person Age			
	Under 18	18 to 64	65 +	Total
Nation	0.77	1.10	0.82	1.00
Rural	0.68	0.26	0.70	0.41
Small Town	0.25	0.26	0.46	0.28
Suburb	0.46	0.50	0.31	0.47
Second City	0.40	0.62	0.36	0.54
Urban	1.96	2.91	2.08	2.63

Source: Person File and Travel Day File.

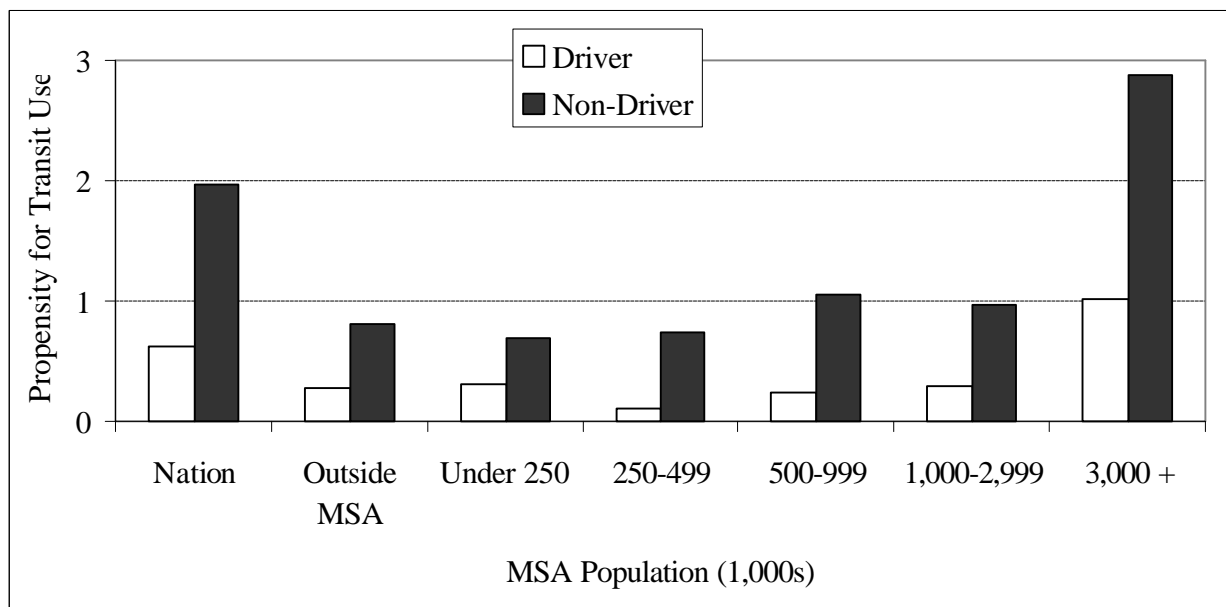
**Figure C-3. Propensity for Transit Use by Urbanization and Person Age.**

Source: Table C-3.

**Table C-4. Propensity for Transit Use by MSA Population and License Status.**

MSA Population (1,000s)	License Status		
	Driver	Non-Driver	Total
Nation	0.62	1.97	1.00
Outside MSA	0.27	0.82	0.41
Under 250	0.32	0.69	0.41
250-499	0.10	0.74	0.26
500-999	0.24	1.06	0.45
1,000-2,999	0.29	0.96	0.46
3,000 +	1.02	2.88	1.59

Source: Person File and Travel Day File.

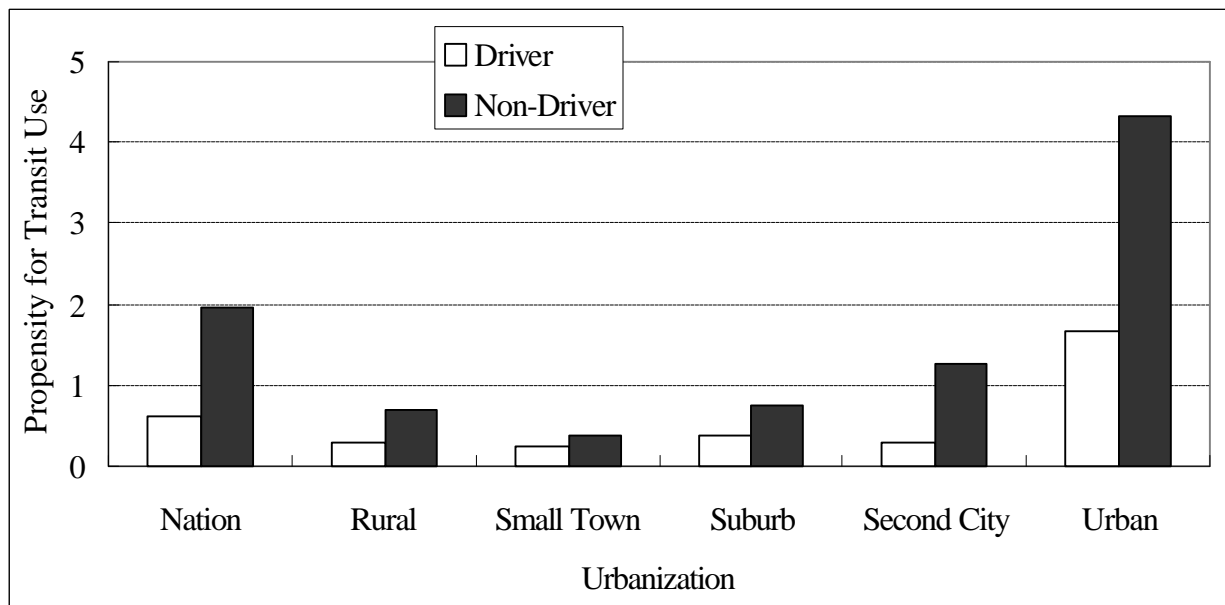
**Figure C-4. Propensity for Transit Use by MSA Population and License Status.**

Source: Table C-4.

**Table C-5. Propensity for Transit Use by Urbanization and License Status.**

Urbanization	License Status		
	Driver	Non-Driver	Total
Nation	0.62	1.97	1.00
Rural	0.29	0.70	0.41
Small Town	0.25	0.39	0.28
Suburb	0.38	0.75	0.47
Second City	0.29	1.26	0.54
Urban	1.66	4.32	2.63

Source: Person File and Travel Day File.

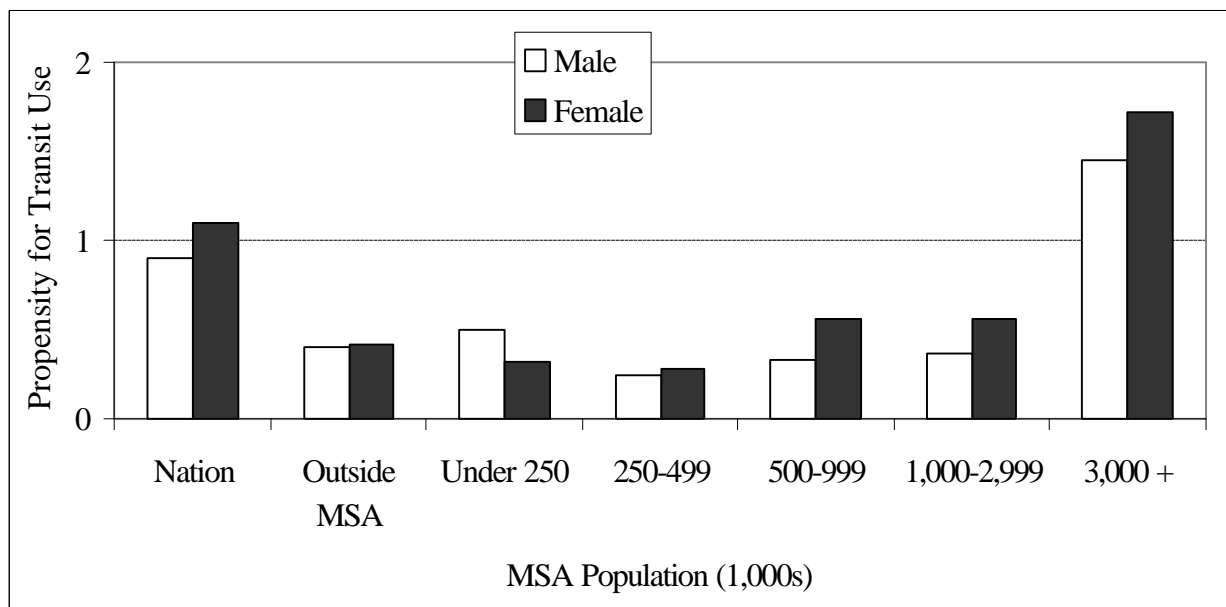
**Figure C-5. Propensity for Transit Use by Urbanization and License Status.**

Source: Table C-5.

**Table C-6. Propensity for Transit Use by MSA Population and Gender.**

MSA Population (1,000s)	Gender		
	Male	Female	Total
Nation	0.90	1.09	1.00
Outside MSA	0.40	0.42	0.41
Under 250	0.50	0.31	0.41
250-499	0.24	0.29	0.26
500-999	0.33	0.56	0.45
1,000-2,999	0.36	0.56	0.46
3,000 +	1.45	1.73	1.59

Source: Person File and Travel Day File.

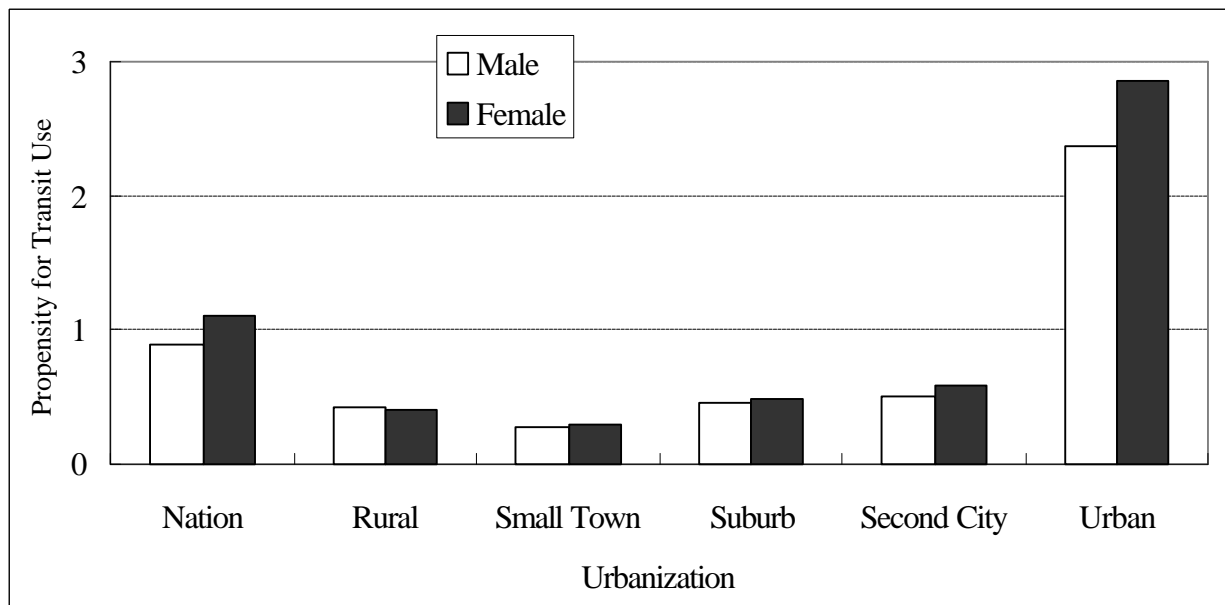
**Figure C-6. Propensity for Transit Use by MSA Population and Gender.**

Source: Table C-6.

**Table C-7. Propensity for Transit Use by Urbanization and Gender.**

Urbanization	Gender		
	Male	Female	Total
Nation	0.90	1.09	1.00
Rural	0.42	0.40	0.41
Small Town	0.28	0.28	0.28
Suburb	0.45	0.49	0.47
Second City	0.51	0.58	0.54
Urban	2.37	2.85	2.63

Source: Person File and Travel Day File.

**Figure C-7. Propensity for Transit Use by Urbanization and Gender.**

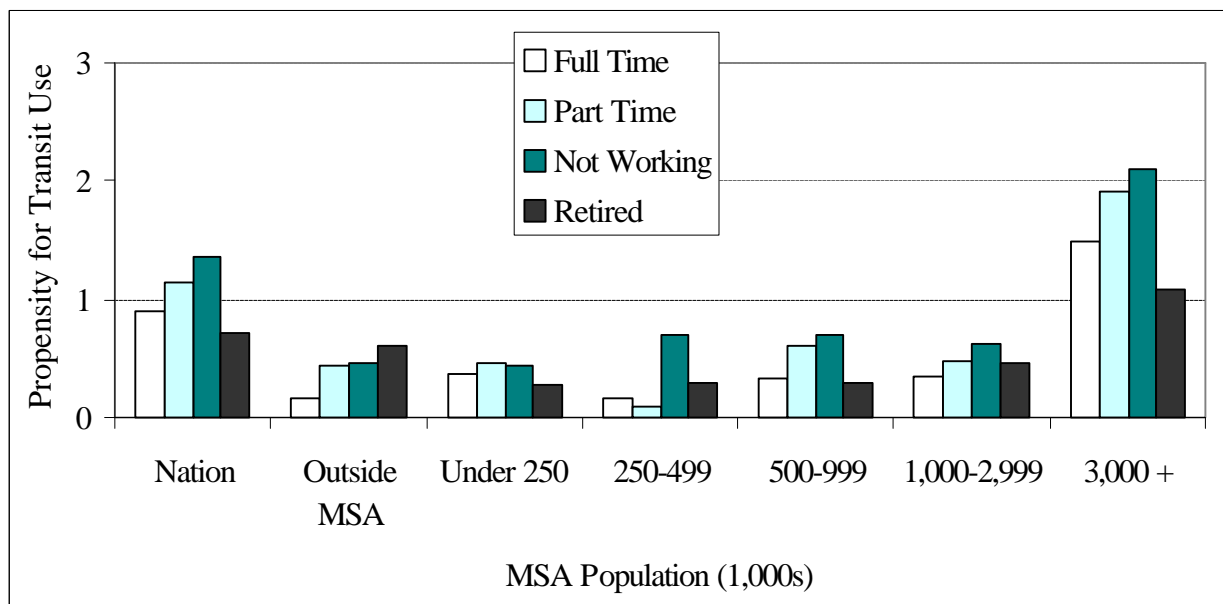
Source: Table C-7.



**Table C-8. Propensity for Transit Use by MSA Population and Working Status.**

MSA Population (1,000s)	Working Status During the Week Before Interview				
	Full Time	Part Time	Not Working	Retired	Total
Nation	0.90	1.14	1.37	0.72	1.00
Outside MSA	0.16	0.44	0.46	0.61	0.33
Under 250	0.37	0.46	0.43	0.27	0.38
250-499	0.16	0.09	0.70	0.30	0.27
500-999	0.33	0.61	0.70	0.30	0.44
1,000-2,999	0.36	0.47	0.63	0.46	0.44
3,000 +	1.49	1.91	2.09	1.08	1.62

Source: Person File and Travel Day File.

**Figure C-8. Propensity for Transit Use by MSA Population and Working Status.**

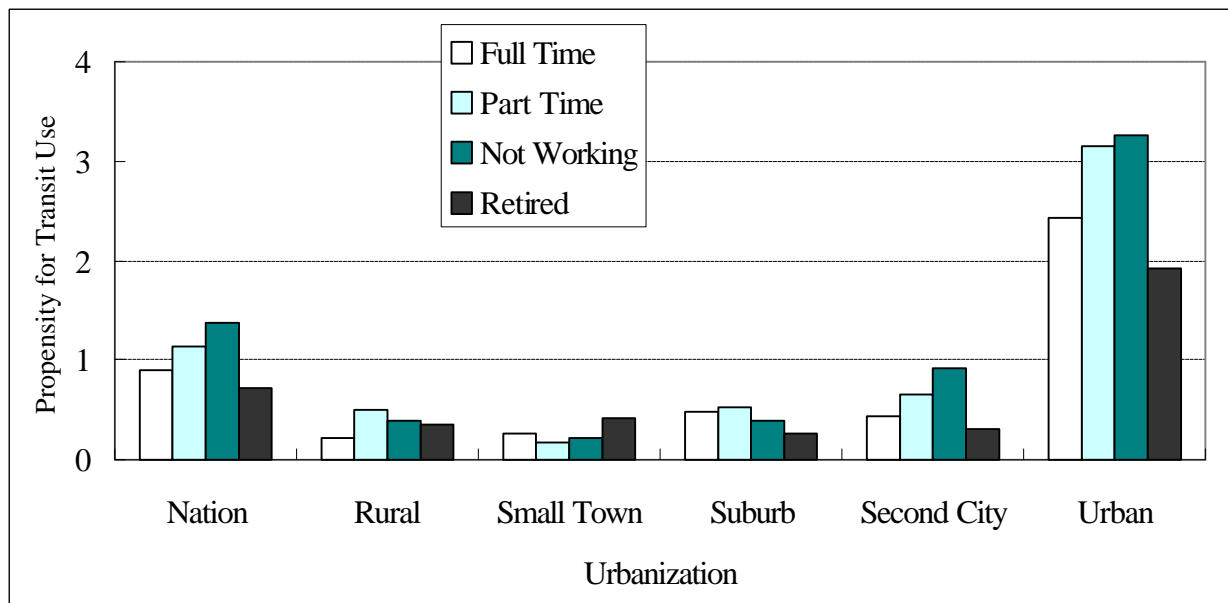
Source: Table C-8.

**Table C-9. Propensity for Transit Use by Urbanization and Working Status.**

Urbanization	Working Status During the Week Before Interview				
	Full Time	Part Time	Not Working	Retired	Total
Nation	0.90	1.14	1.37	0.71	1.00
Rural	0.23	0.51	0.38	0.36	0.32
Small Town	0.27	0.17	0.21	0.40	0.26
Suburb	0.49	0.53	0.40	0.26	0.45
Second City	0.43	0.66	0.91	0.30	0.54
Urban	2.42	3.14	3.25	1.92	2.64

Source: Person File and Travel Day File.

**Figure C-9. Propensity for Transit Use by Urbanization and Working Status.**

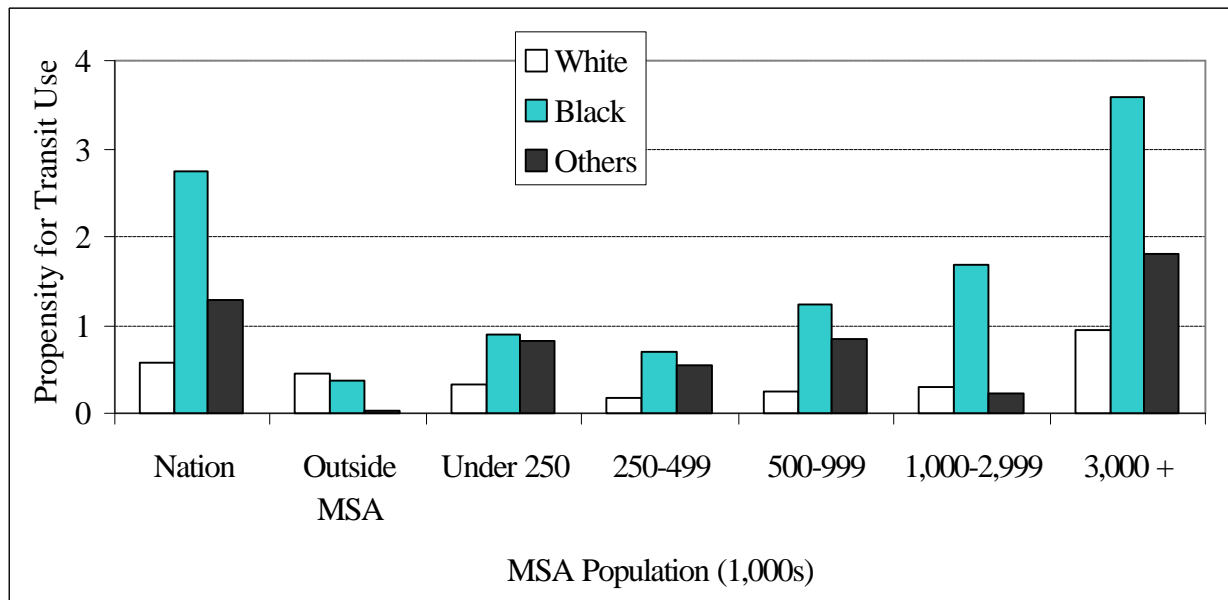


Source: Table C-9.

**Table C-10. Propensity for Transit Use by MSA Population and Race.**

MSA Population (1,000s)	Race			
	White	Black	Others	Total
Nation	0.58	2.73	1.28	1.00
Outside MSA	0.45	0.36	0.02	0.42
Under 250	0.32	0.88	0.83	0.41
250-499	0.16	0.70	0.54	0.27
500-999	0.24	1.24	0.83	0.45
1,000-2,999	0.29	1.67	0.23	0.47
3,000 +	0.93	3.59	1.81	1.60

Source: Person File and Travel Day File.

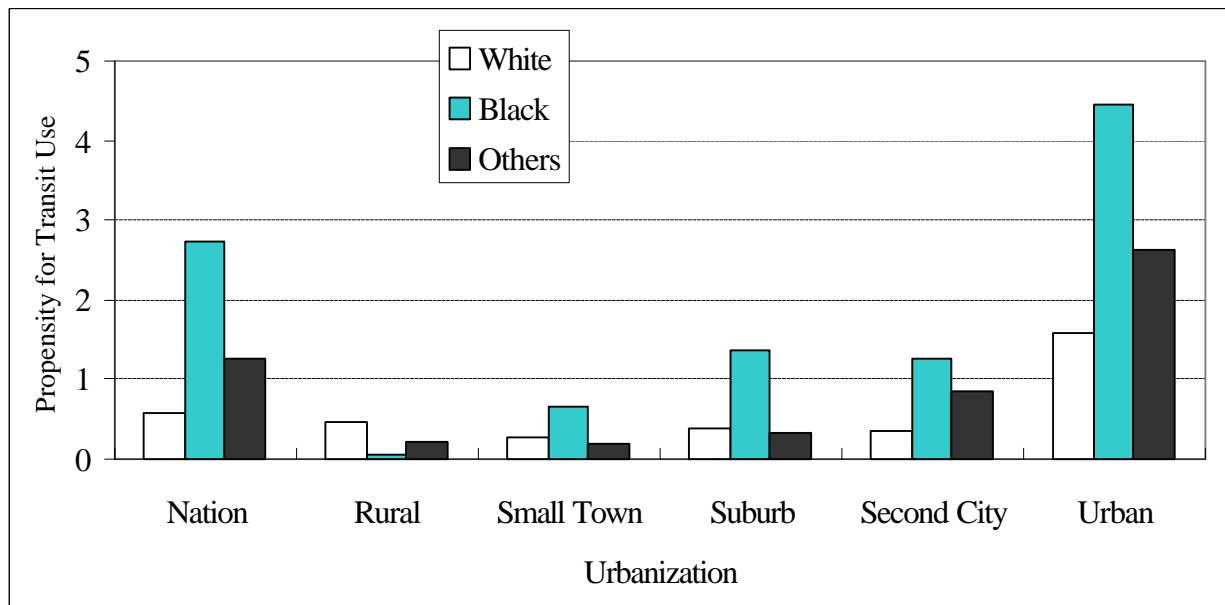
**Figure C-10. Propensity for Transit Use by MSA Population and Race.**

Source: Table C-10.

**Table C-11. Propensity for Transit Use by Urbanization and Race.**

Urbanization	Race			
	White	Black	Others	Total
Nation	0.58	2.73	1.26	1.00
Rural	0.47	0.05	0.22	0.42
Small Town	0.27	0.66	0.18	0.29
Suburb	0.38	1.37	0.34	0.48
Second City	0.35	1.24	0.85	0.54
Urban	1.59	4.47	2.64	2.64

Source: Person File and Travel Day File.

**Figure C-11. Propensity for Transit Use by Urbanization and Race .**

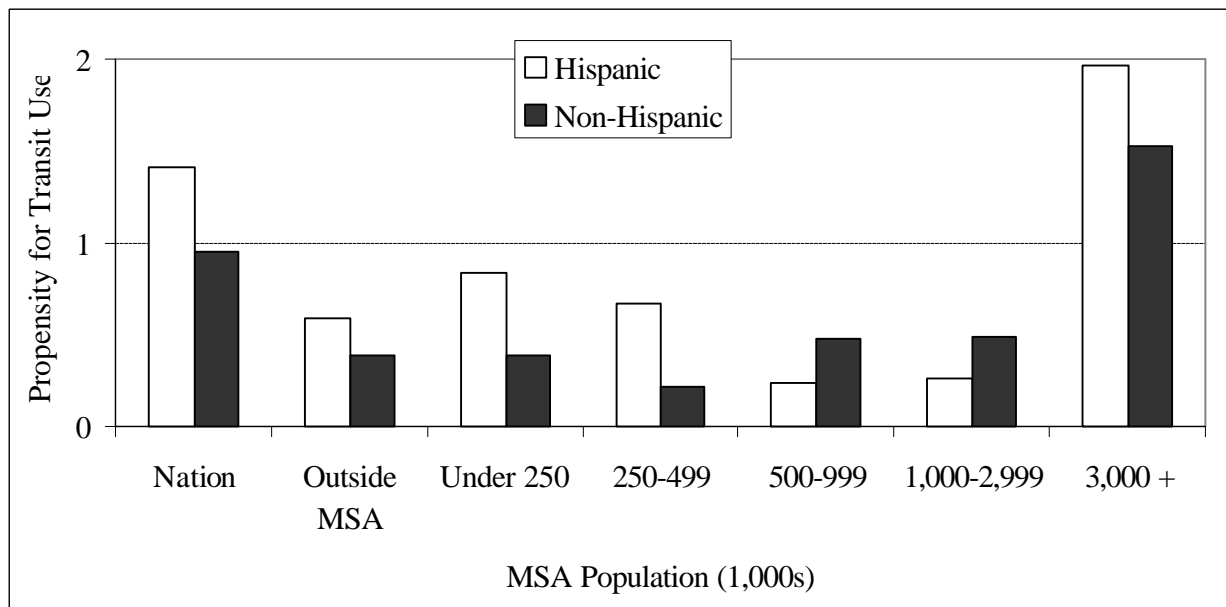
Source: Table C-11.

**Table C-12. Propensity for Transit Use by MSA Population and Ethnicity.**

MSA Population (1,000s)	Ethnicity		
	Hispanic	Non-Hispanic	Total
Nation	1.41	0.94	1.00
Outside MSA	0.59	0.38	0.40
Under 250	0.83	0.38	0.41
250-499	0.67	0.22	0.26
500-999	0.23	0.47	0.45
1,000-2,999	0.26	0.49	0.47
3,000 +	1.96	1.53	1.59

Source: Person File and Travel Day File.

**Figure C-12. Propensity for Transit Use by MSA Population and Ethnicity.**

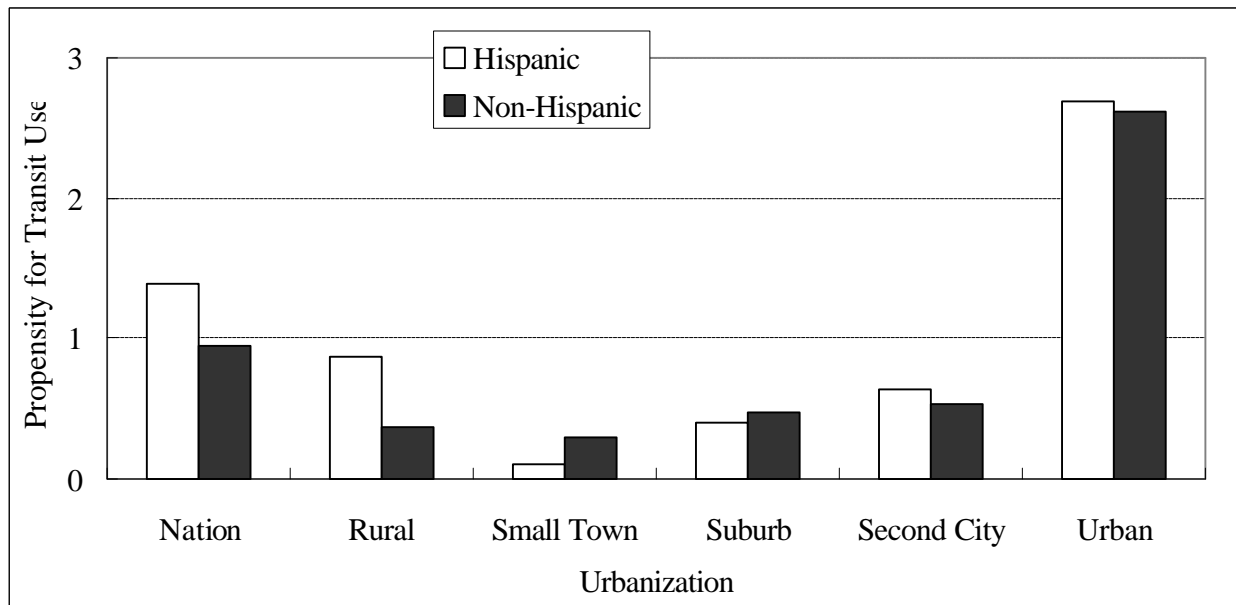


Source: Table C-12.

**Table C-13. Propensity for Transit Use by Urbanization and Ethnicity.**

Urbanization	Ethnicity		
	Hispanic	Non-Hispanic	Total
Nation	1.40	0.95	1.00
Rural	0.87	0.37	0.41
Small Town	0.11	0.29	0.28
Suburb	0.39	0.48	0.47
Second City	0.64	0.53	0.54
Urban	2.69	2.62	2.63

Source: Person File and Travel Day File.

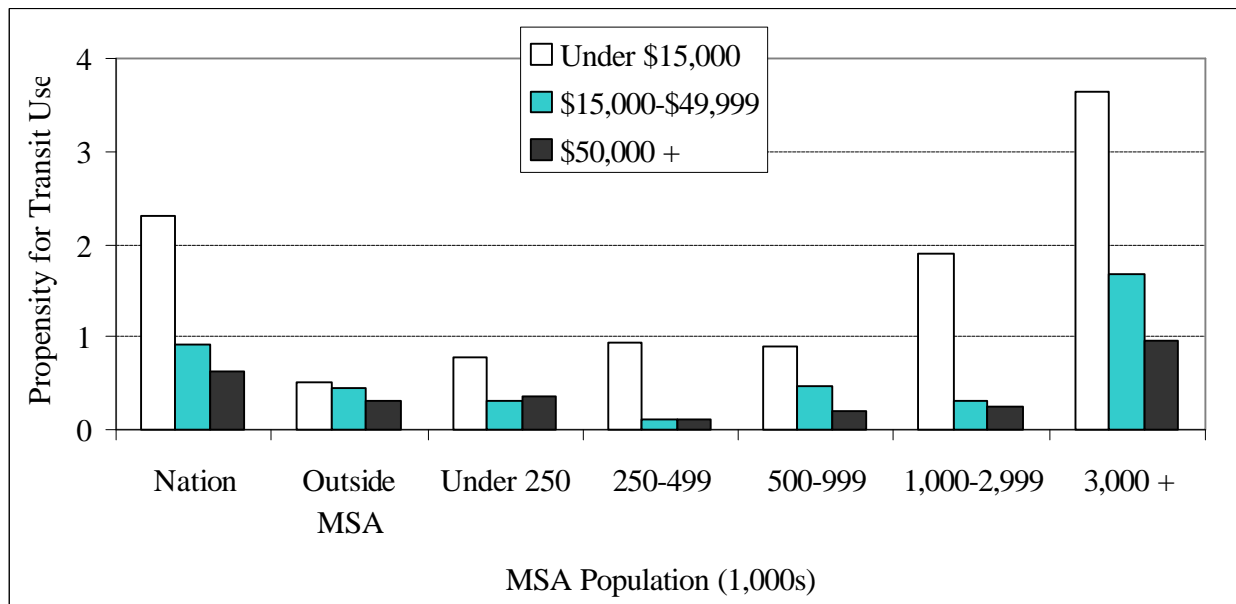
**Figure C-13. Propensity for Transit Use by Urbanization and Ethnicity.**

Source: Table C-13.

**Table C-14. Propensity for Transit Use by MSA Population and Household Income.**

MSA Population (1,000s)	Household Income			
	Under \$15,000	\$15,000-\$49,999	\$50,000 +	Total
Nation	2.31	0.92	0.63	1.00
Outside MSA	0.52	0.45	0.31	0.43
Under 250	0.77	0.31	0.36	0.41
250-499	0.93	0.11	0.10	0.24
500-999	0.88	0.47	0.19	0.42
1,000-2,999	1.89	0.31	0.24	0.48
3,000 +	3.63	1.67	0.97	1.61

Source: Person File and Travel Day File.

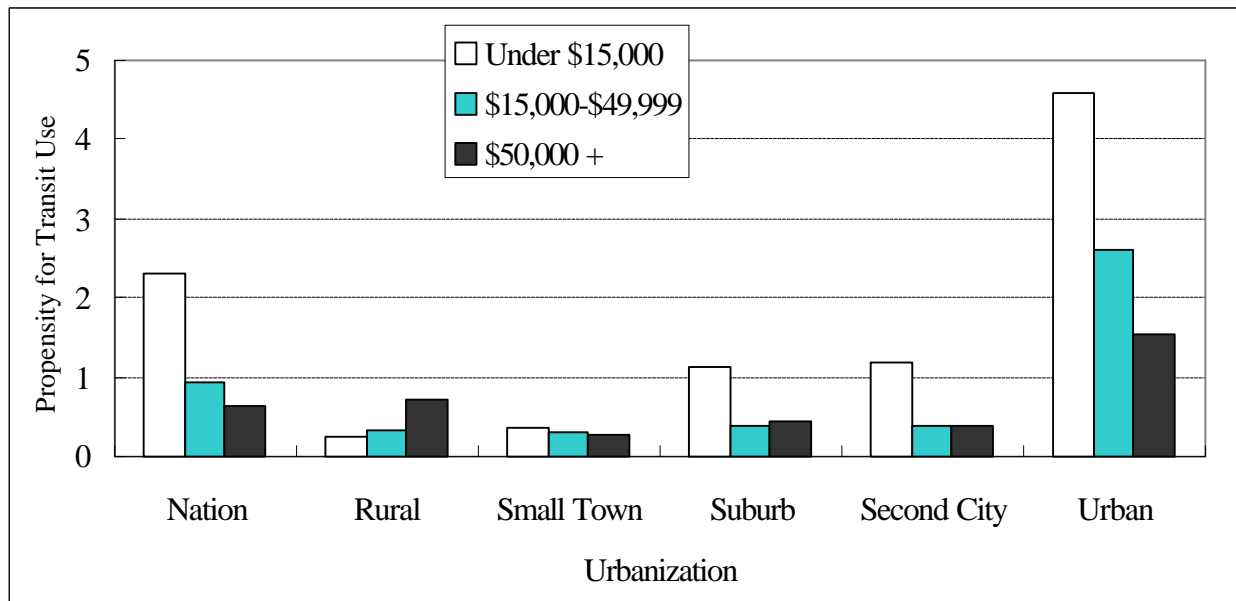
**Figure C-14. Propensity for Transit Use by MSA Population and Household Income.**

Source: Table C-14.

**Table C-15. Propensity for Transit Use by Urbanization and Household Income.**

Urbanization	Household Income			
	Under \$15,000	\$15,000-\$49,999	\$50,000 +	Total
Nation	2.30	0.93	0.63	1.00
Rural	0.25	0.34	0.72	0.42
Small Town	0.35	0.30	0.27	0.29
Suburb	1.12	0.38	0.43	0.45
Second City	1.17	0.38	0.38	0.53
Urban	4.59	2.62	1.54	2.67

Source: Person File and Travel Day File.

**Figure C-15. Propensity for Transit Use by Urbanization and Household Income.**

Source: Table C-15.

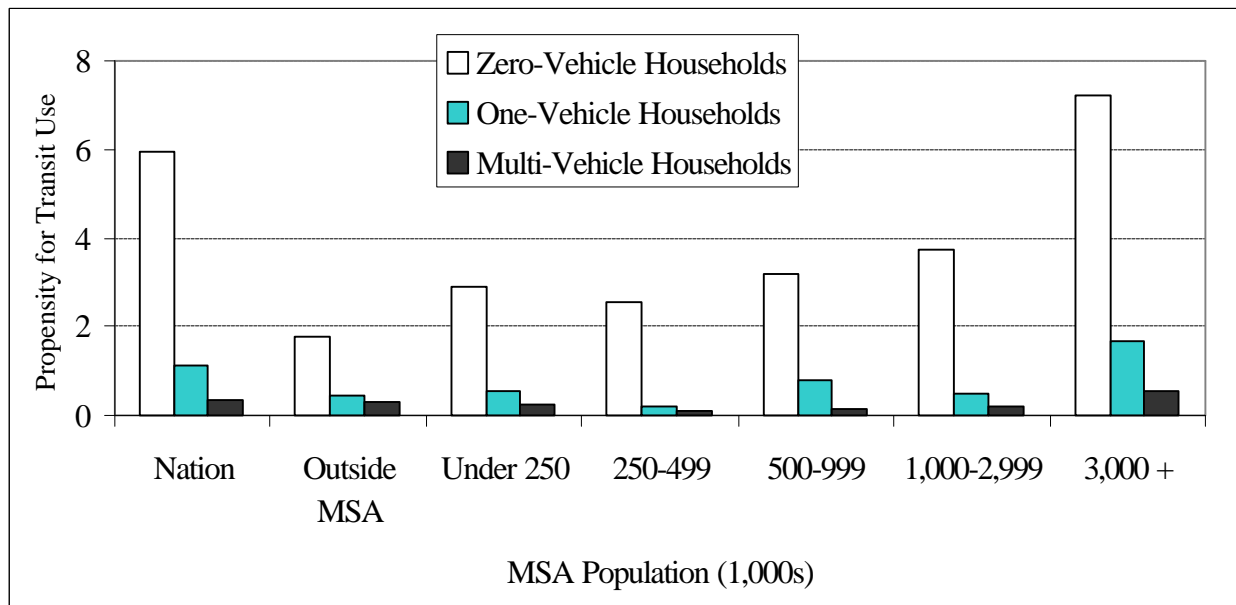


**Table C-16. Propensity for Transit Use by MSA Population and Vehicle Ownership.**

MSA Population (1,000s)	Vehicle Ownership			
	Zero-Vehicle	One-Vehicle	Multi-Vehicle	Total
Nation	5.94	1.13	0.34	1.00
Outside MSA	1.77	0.46	0.31	0.41
Under 250	2.88	0.52	0.23	0.41
250-499	2.57	0.22	0.09	0.26
500-999	3.19	0.80	0.12	0.45
1,000-2,999	3.73	0.50	0.18	0.46
3,000 +	7.24	1.68	0.52	1.59

Source: Person File and Travel Day File.

**Figure C-16. Propensity for Transit Use by MSA Population and Vehicle Ownership.**

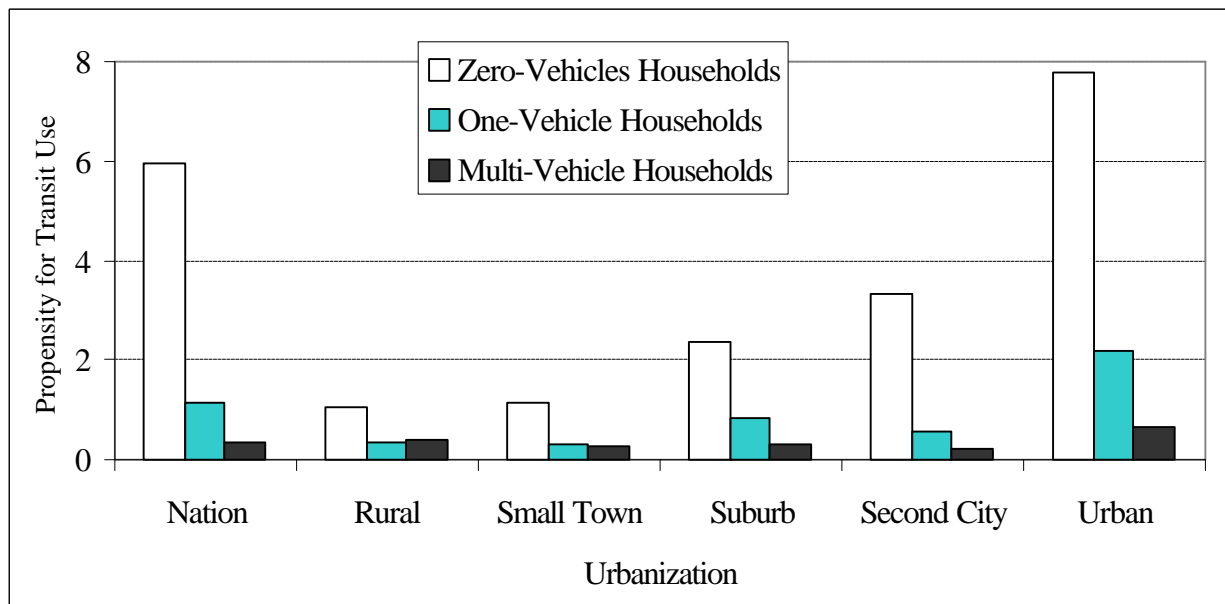


Source: Table C-16.

**Table C-17. Propensity for Transit Use by Urbanization and Vehicle Ownership.**

Urbanization	Vehicle Ownership			
	Zero-Vehicles	One-Vehicle	Multi-Vehicle	Total
Nation	5.93	1.13	0.34	1.00
Rural	1.03	0.36	0.39	0.41
Small Town	1.11	0.30	0.25	0.28
Suburb	2.37	0.84	0.30	0.47
Second City	3.33	0.57	0.22	0.54
Urban	7.77	2.18	0.65	2.63

Source: Person File and Travel Day File.

**Figure C-17. Propensity for Transit Use by Urbanization and Vehicle Ownership.**

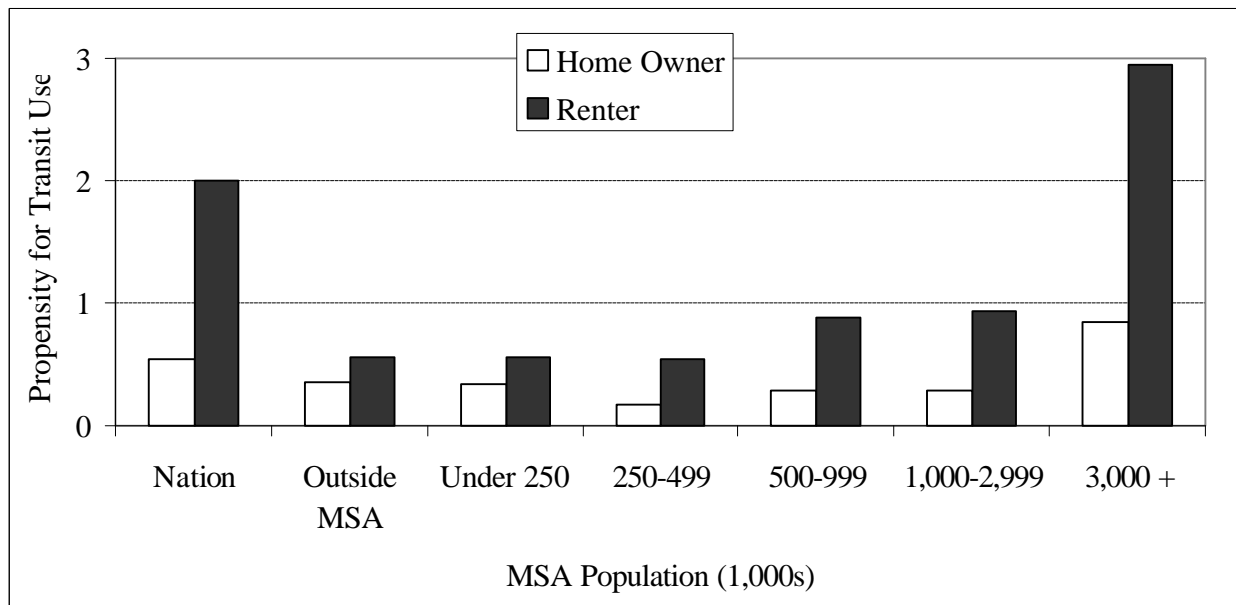
Source: Table C-17.

**Table C-18. Propensity for Transit Use by MSA Population and Home Ownership.**

MSA Population (1,000s)	Home Ownership		
	Home Owner	Renter	Total
Nation	0.55	2.00	1.00
Outside MSA	0.36	0.56	0.41
Under 250	0.34	0.57	0.41
250-499	0.16	0.55	0.26
500-999	0.28	0.88	0.45
1,000-2,999	0.29	0.93	0.47
3,000 +	0.84	2.95	1.60

Source: Person File and Travel Day File.

**Figure C-18. Propensity for Transit Use by MSA Population and Home Ownership.**



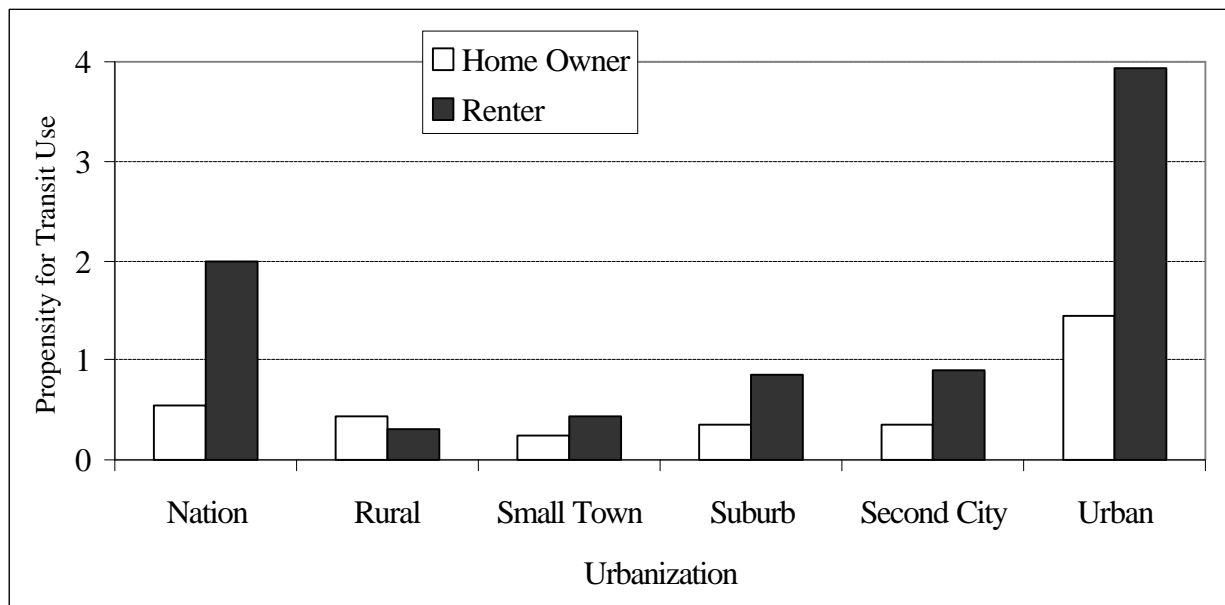
Source: Table C-18.

**Table C-19. Propensity for Transit Use by Urbanization and Home Ownership.**

Urbanization	Home Ownership		
	Home Owner	Renter	Total
Nation	0.55	2.00	1.00
Rural	0.43	0.31	0.41
Small Town	0.25	0.44	0.28
Suburb	0.36	0.86	0.47
Second City	0.34	0.89	0.54
Urban	1.44	3.93	2.63

Source: Person File and Travel Day File.

**Figure C-19. Propensity for Transit Use by Urbanization and Home Ownership.**

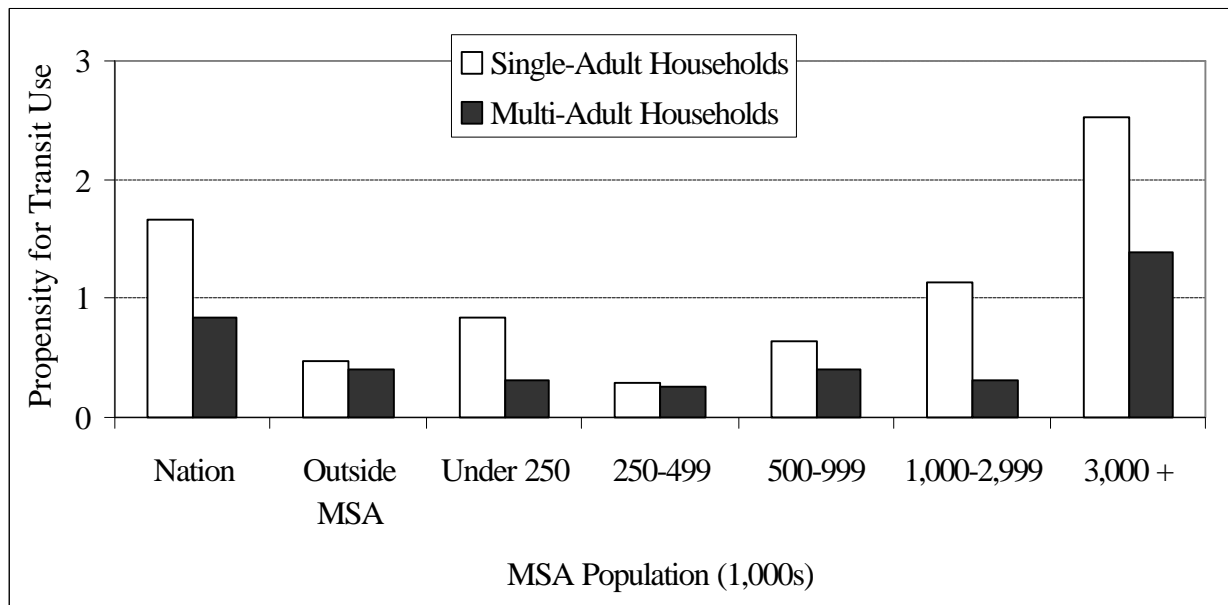


Source: Table C-19.

**Table C-20. Propensity for Transit Use by MSA Population and Life Cycle.**

MSA Population (1,000s)	Life Cycle		
	Single-Adult Households	Multi-Adult Households	Total
Nation	1.66	0.85	1.00
Outside MSA	0.47	0.40	0.41
Under 250	0.85	0.30	0.41
250-499	0.30	0.26	0.26
500-999	0.64	0.40	0.45
1,000-2,999	1.13	0.31	0.46
3,000 +	2.52	1.38	1.59

Source: Person File and Travel Day File.

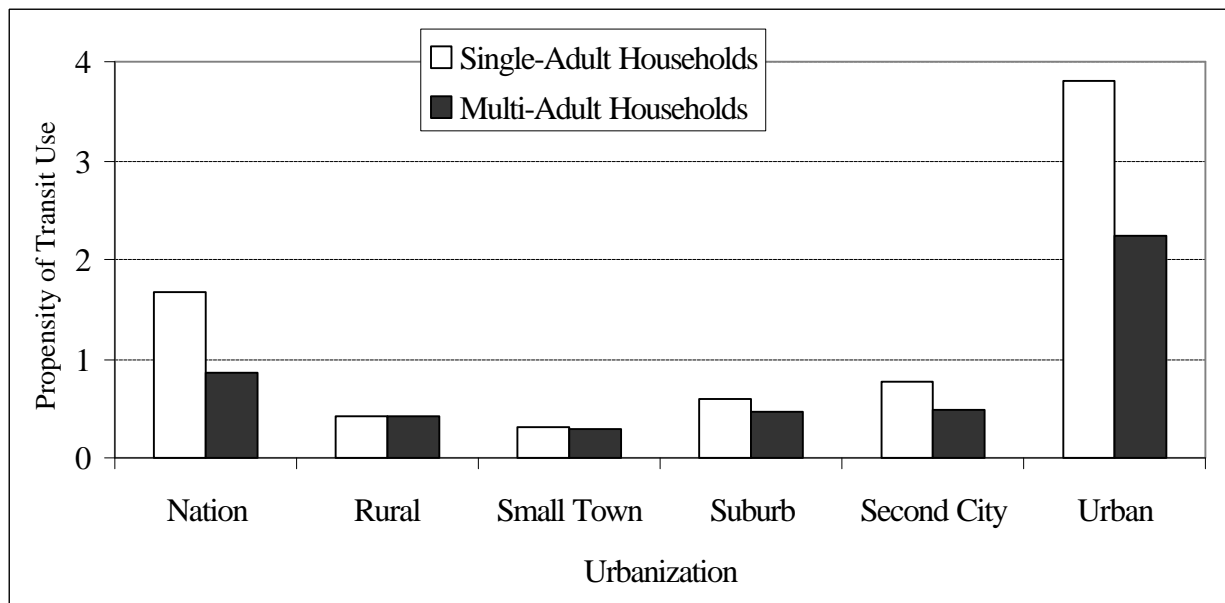
**Figure C-20. Propensity for Transit Use by MSA Population and Life Cycle.**

Source: Table C-20.

**Table C-21. Propensity for Transit Use by Urbanization and Life Cycle.**

Urbanization	Life Cycle		
	Single-Adult Households	Multi-Adult Households	Total
Nation	1.67	0.85	1.00
Rural	0.42	0.41	0.41
Small Town	0.31	0.28	0.28
Suburb	0.59	0.45	0.47
Second City	0.76	0.48	0.54
Urban	3.81	2.25	2.63

Source: Person File and Travel Day File.

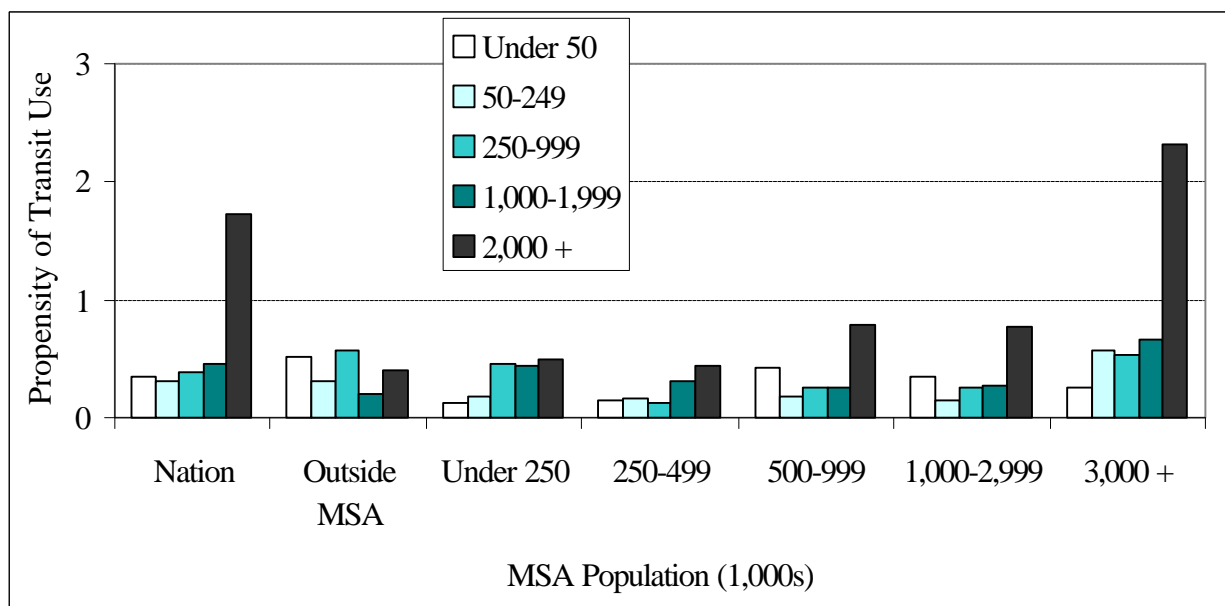
**Figure C-21. Propensity for Transit Use by Urbanization and Life Cycle.**

Source: Table C-21.

**Table C-22. Propensity for Transit Use by MSA Population and Housing Density.**

MSA Population (1,000s)	Residential Housing Density in Units per Square Mile					
	Under 50	50-249	250-999	1,000-1,999	2,000 +	Total
Nation	0.35	0.31	0.39	0.46	1.73	1.00
Outside MSA	0.52	0.31	0.57	0.20	0.40	0.41
Under 250	0.13	0.19	0.45	0.45	0.50	0.39
250-499	0.15	0.16	0.13	0.30	0.44	0.27
500-999	0.43	0.18	0.26	0.26	0.79	0.45
1,000-2,999	0.36	0.15	0.25	0.27	0.78	0.47
3,000 +	0.26	0.57	0.54	0.66	2.32	1.60

Source: Person File and Travel Day File.

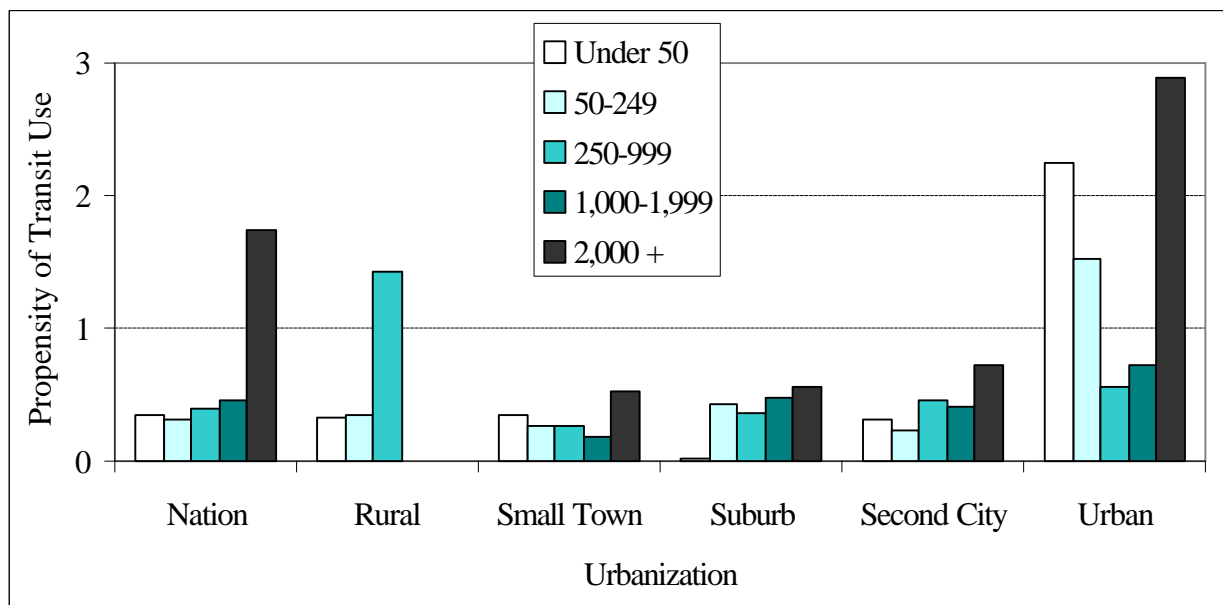
**Figure C-22. Propensity for Transit Use by MSA Population and Housing Density.**

Source: Table C-22.

**Table C-23. Propensity for Transit Use by Urbanization and Housing Density.**

Urbanization	Residential Housing Density in Units per Square Mile					Total
	Under 50	50-249	250-999	1,000-1,999	2,000 +	
Nation	0.35	0.31	0.39	0.46	1.73	1.00
Rural	0.34	0.34	1.43	0.00	0.00	0.41
Small Town	0.34	0.26	0.27	0.18	0.53	0.28
Suburb	0.01	0.43	0.36	0.48	0.55	0.47
Second City	0.31	0.24	0.46	0.41	0.72	0.54
Urban	2.24	1.52	0.56	0.72	2.89	2.63

Source: Person File and Travel Day File.

**Figure C-23. Propensity for Transit Use by Urbanization and Housing Density.**

Source: Table C-23.

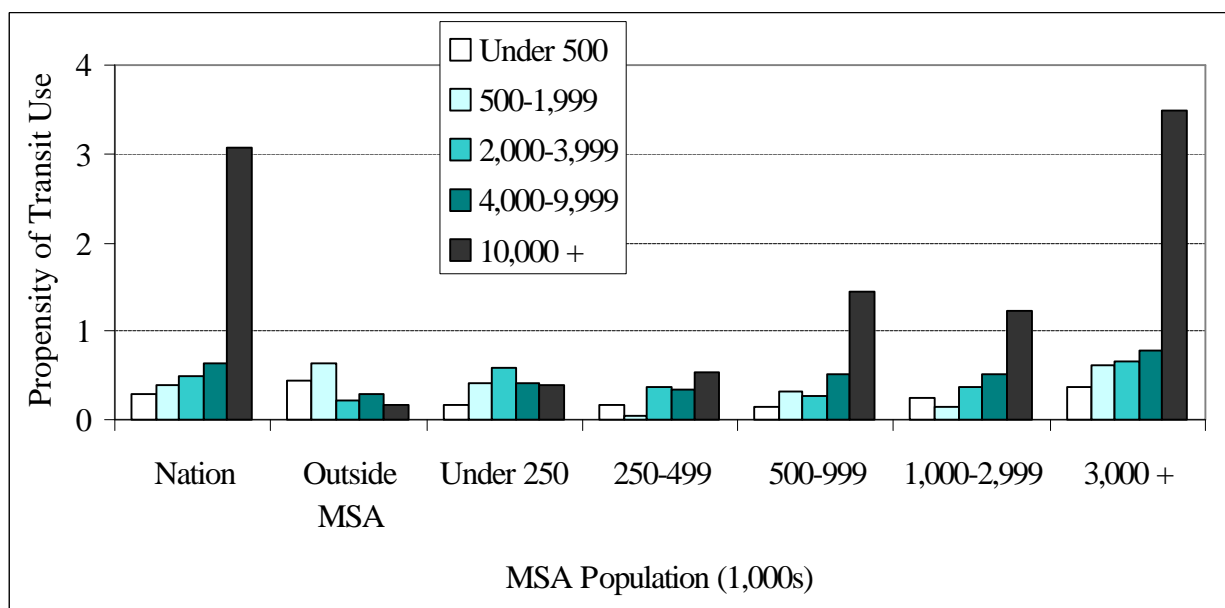


**Table C-24. Propensity for Transit Use by MSA Population and Population Density.**

MSA Population (1,000s)	Population Density in Persons per Square Mile					
	Under 500	500-1,999	2,000-3,999	4,000-9,999	10,000 +	Total
Nation	0.30	0.38	0.49	0.63	3.06	1.00
Outside MSA	0.43	0.64	0.23	0.29	0.17	0.41
Under 250	0.17	0.42	0.60	0.41	0.39	0.39
250-499	0.17	0.05	0.38	0.36	0.54	0.27
500-999	0.16	0.33	0.27	0.52	1.45	0.45
1,000-2,999	0.25	0.14	0.36	0.52	1.22	0.47
3,000 +	0.37	0.60	0.66	0.78	3.48	1.60

Source: Person File and Travel Day File.

**Figure C-24. Propensity for Transit Use by MSA Population and Population Density.**



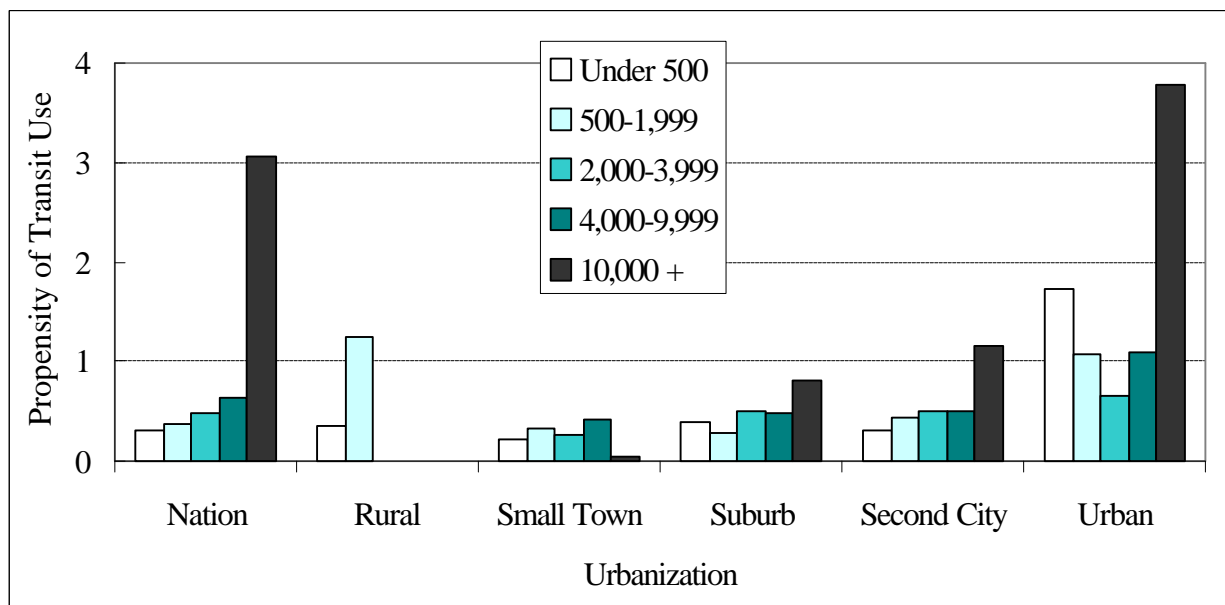
Source: Table C-24.

**Table C-25. Propensity for Transit Use by Urbanization and Population Density.**

Urbanization	Population Density in Persons per Square Mile					Total
	Under 500	500-1,999	2,000-3,999	4,000-9,999	10,000 +	
Nation	0.30	0.38	0.49	0.63	3.06	1.00
Rural	0.34	1.25	0.00	0.00	0.00	0.41
Small Town	0.21	0.33	0.26	0.41	0.05	0.28
Suburb	0.40	0.29	0.50	0.48	0.81	0.47
Second City	0.30	0.44	0.51	0.49	1.16	0.54
Urban	1.74	1.08	0.66	1.08	3.77	2.63

Source: Person File and Travel Day File.

**Figure C-25. Propensity for Transit Use by Urbanization and Population Density.**



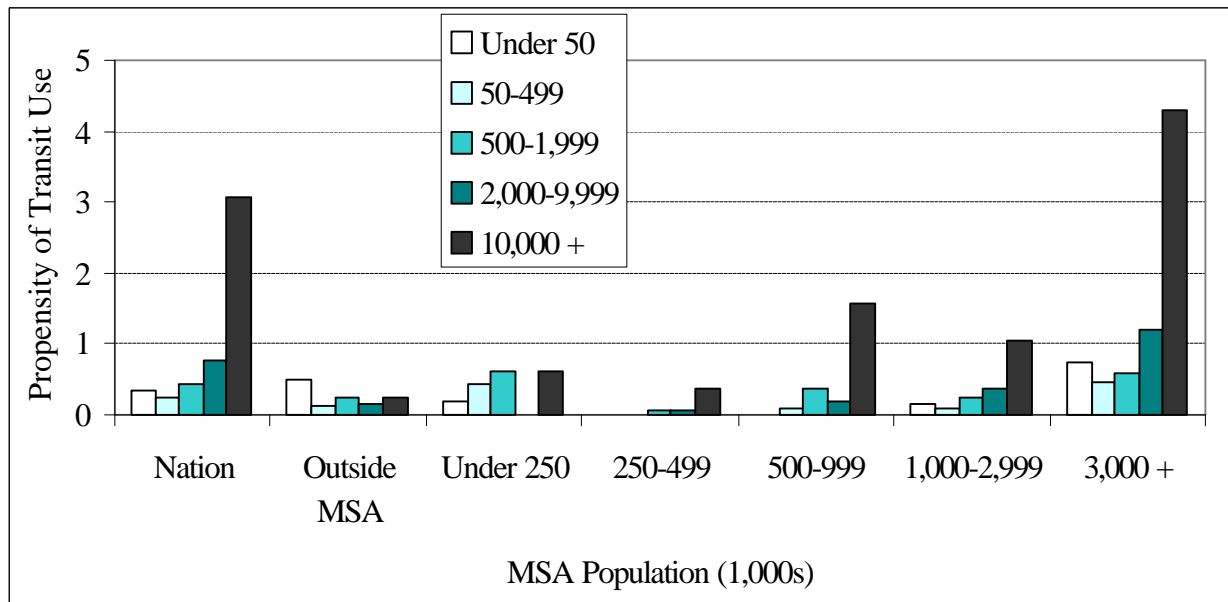
Source: Table C-25.

**Table C-26. Propensity for Transit Use by MSA Population and Employment Density.**

MSA Population (1,000s)	Work Site Employment Density in Jobs per Square Mile					
	Under 50	50-499	500-1,999	2,000-9,999	10,000 +	Total
Nation	0.34	0.25	0.42	0.78	3.07	1.00
Outside MSA	0.49	0.13	0.25	0.15	0.26	0.29
Under 250	0.19	0.43	0.62	0.01	0.60	0.39
250-499	0.00	0.00	0.08	0.06	0.37	0.07
500-999	0.00	0.09	0.36	0.17	1.57	0.41
1,000-2,999	0.16	0.09	0.24	0.38	1.03	0.40
3,000 +	0.72	0.45	0.58	1.19	4.29	1.71

Source: Person File and Travel Day File.

**Figure C-26. Propensity for Transit Use by MSA Population and Employment Density.**



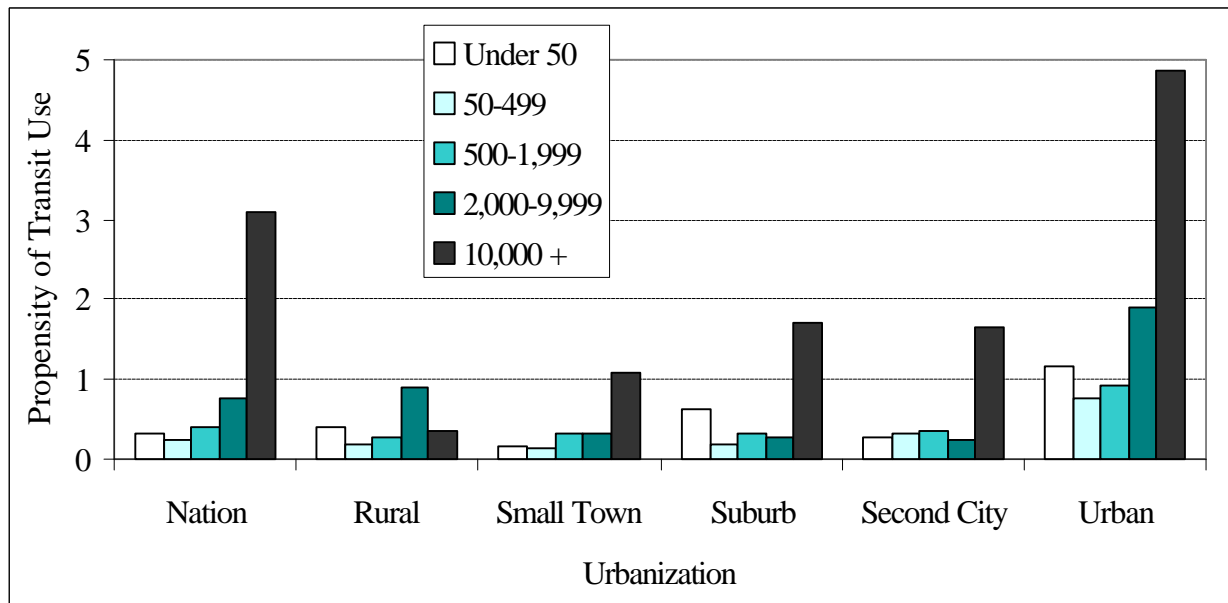
Source: Table C-26.

**Table C-27. Propensity for Transit Use by Urbanization and Employment Density.**

Urbanization	Work Site Employment Density in Jobs per Square Mile					
	Under 50	50-499	500-1,999	2,000-9,999	10,000 +	Total
Nation	0.33	0.25	0.42	0.76	3.09	1.00
Rural	0.42	0.19	0.27	0.89	0.34	0.38
Small Town	0.16	0.12	0.33	0.32	1.10	0.31
Suburb	0.62	0.18	0.33	0.26	1.71	0.52
Second City	0.27	0.33	0.34	0.24	1.66	0.47
Urban	1.18	0.75	0.92	1.91	4.88	2.76

Source: Person File and Travel Day File.

**Figure C-27. Propensity for Transit Use by Urbanization and Employment Density.**



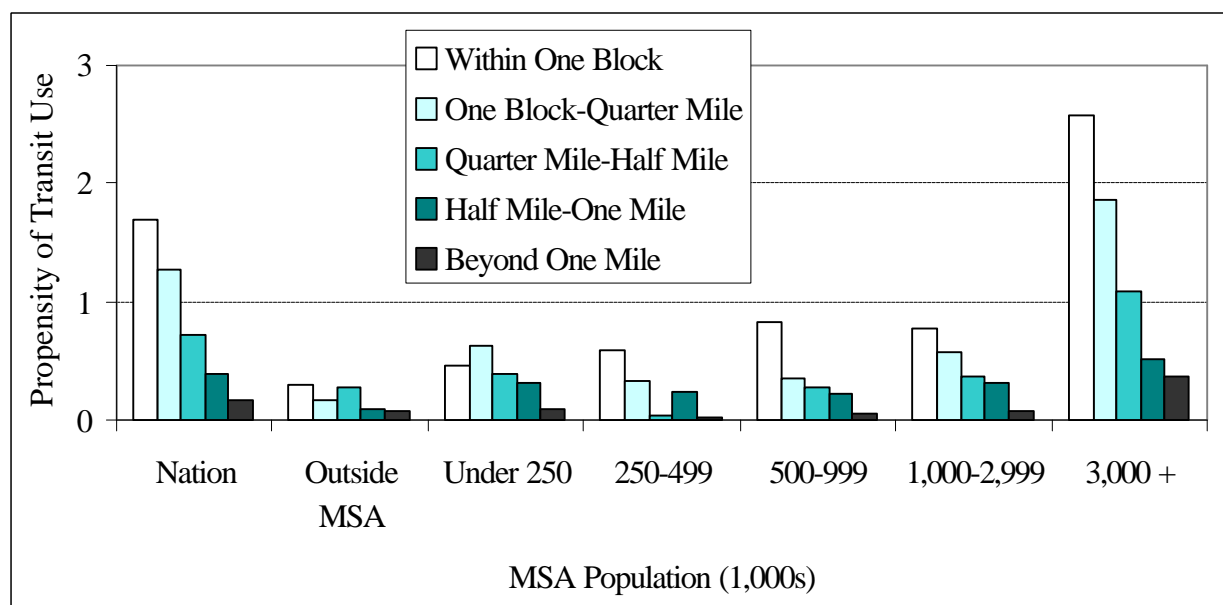
Source: Table C-27.

**Table C-28. Propensity for Transit Use by MSA Population and Proximity to Transit Stops.**

MSA Population (1,000s)	Proximity of Residence to Transit Stops					
	Within One Block	One Block-Quarter Mile	Quarter Mile-Half Mile	Half Mile-One Mile	Beyond One Mile	Total
Nation	1.69	1.27	0.71	0.38	0.16	1.00
Outside MSA	0.30	0.16	0.27	0.09	0.07	0.17
Under 250	0.46	0.63	0.38	0.31	0.09	0.35
250-499	0.59	0.32	0.03	0.23	0.02	0.26
500-999	0.82	0.35	0.27	0.21	0.05	0.41
1,000-2,999	0.76	0.58	0.36	0.31	0.06	0.48
3,000 +	2.58	1.86	1.09	0.52	0.37	1.62

Source: Person File and Travel Day File.

**Figure C-28. Propensity for Transit Use by MSA Population and Proximity to Transit Stops.**



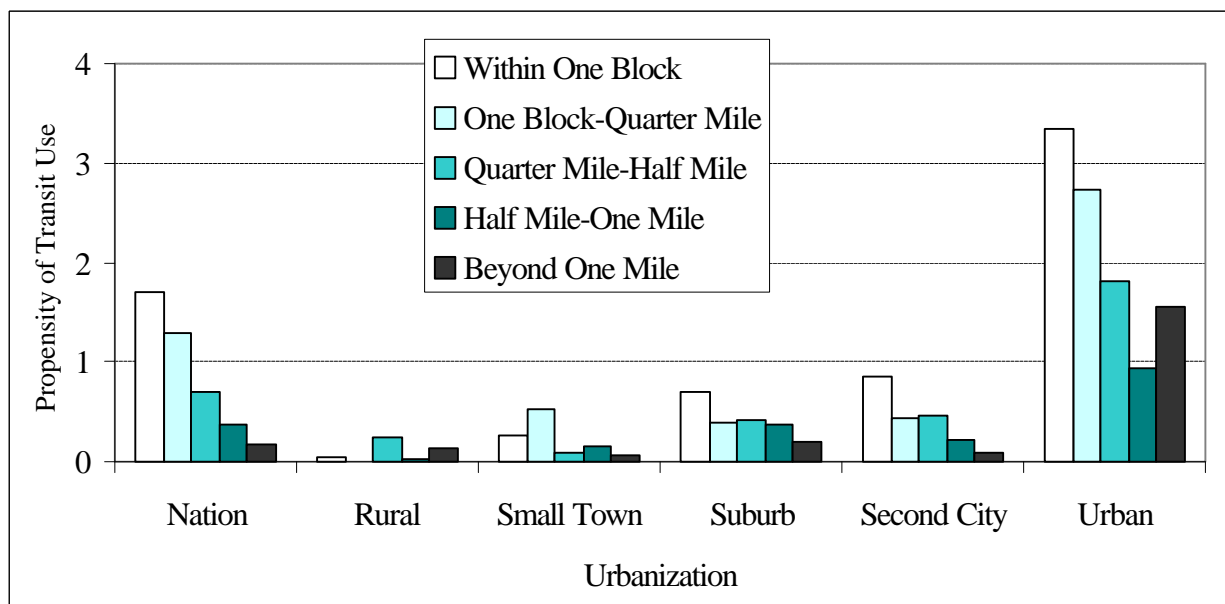
Source: Table C-28.

**Table C-29. Propensity for Transit Use by Urbanization and Proximity to Transit Stops.**

Urbanization	Proximity of Residence to Transit Stops					
	Within One Block	One Block-Quarter Mile	Quarter Mile-Half Mile	Half Mile-One Mile	Beyond One Mile	Total
Nation	1.69	1.28	0.71	0.37	0.16	1.00
Rural	0.04	0.00	0.24	0.02	0.14	0.12
Small Town	0.27	0.54	0.09	0.15	0.06	0.15
Suburb	0.69	0.39	0.42	0.37	0.20	0.45
Second City	0.84	0.45	0.47	0.22	0.09	0.53
Urban	3.35	2.74	1.81	0.95	1.56	2.71

Source: Person File and Travel Day File.

**Figure C-29. Propensity for Transit Use by Urbanization and Proximity to Transit Stops.**

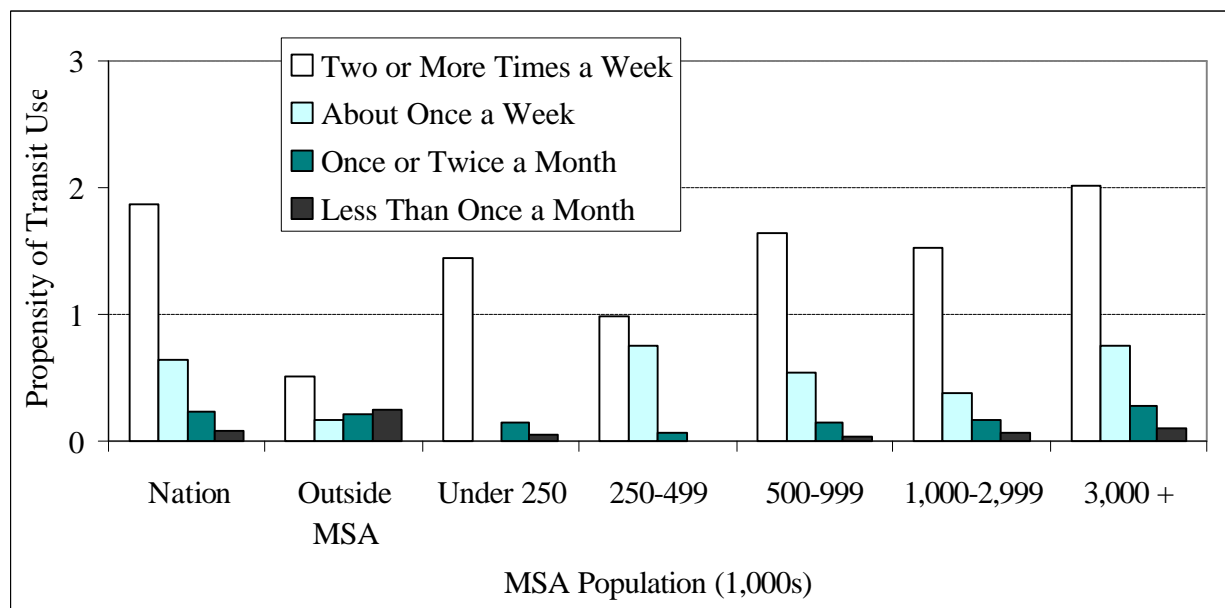


Source: Table C-29.

**Table C-30. Propensity for Transit Use by MSA Population and Frequency of Use.**

MSA Population (1,000s)	Frequency of Use in the Two Month before Interview				
	Two or More Times a Week	About Once a Week	Once or Twice a Month	Less Than Once a Month	Total
Nation	1.88	0.64	0.24	0.09	1.00
Outside MSA	0.51	0.17	0.21	0.24	0.33
Under 250	1.44	0.01	0.14	0.05	0.58
250-499	0.99	0.76	0.07	0.00	0.47
500-999	1.63	0.54	0.15	0.04	0.74
1,000-2,999	1.53	0.37	0.16	0.06	0.62
3,000 +	2.02	0.76	0.28	0.10	1.17

Source: Person File and Travel Day File.

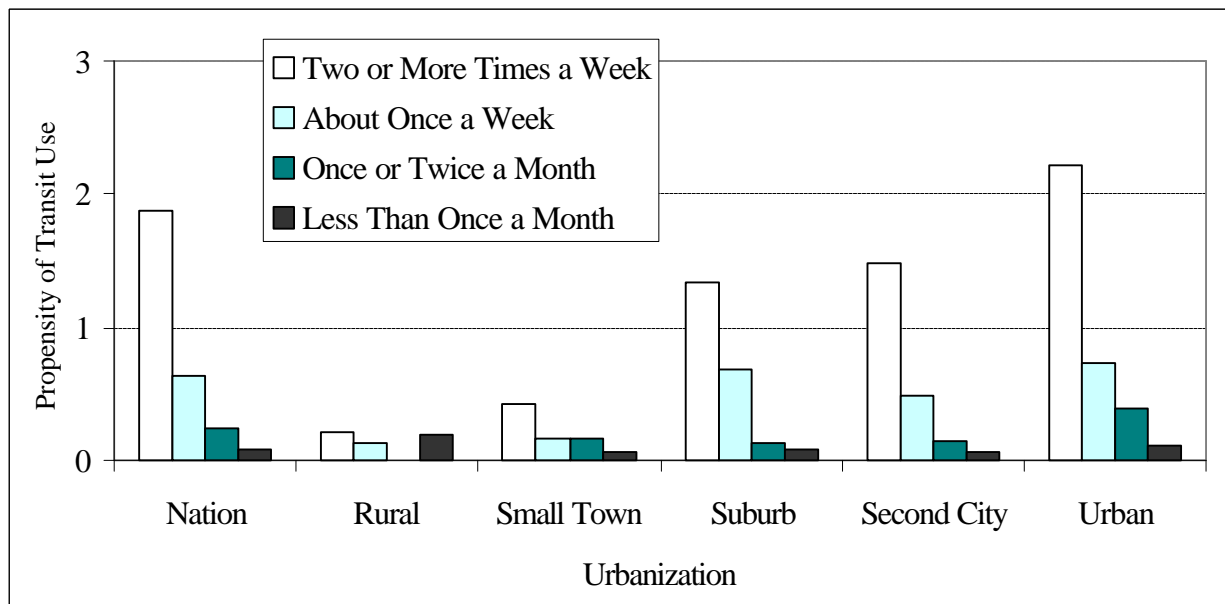
**Figure C-30. Propensity for Transit Use by MSA Population and Frequency of Use.**

Source: Table C-30.

**Table C-31. Propensity for Transit Use by Urbanization and Frequency of Use.**

Urbanization	Frequency of Use in the Two Months before Interview				
	Two or More Times a Week	About Once a Week	Once or Twice a Month	Less Than Once a Month	Total
Nation	1.87	0.64	0.24	0.09	1.00
Rural	0.21	0.13	0.01	0.20	0.15
Small Town	0.42	0.17	0.17	0.06	0.21
Suburb	1.34	0.69	0.13	0.08	0.55
Second City	1.48	0.49	0.15	0.07	0.67
Urban	2.22	0.73	0.40	0.11	1.46

Source: Person File and Travel Day File.

**Figure C-31. Propensity for Transit Use by Urbanization and Frequency of Use.**

Source: Table C-31.