

# Transportation Disadvantaged Populations in the SKATS Region



## A Geographic Profile (2000)

prepared by:

**Salem-Keizer Area Transportation Study**

administered by:

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## **Salem-Keizer Area Transportation Study (SKATS)**

The Salem-Keizer Area Transportation Study (SKATS) is the Metropolitan Planning Organization (MPO) designated by the Governor to develop and implement a coordinated, comprehensive, and continuing planning process that addresses issues related to the transportation systems of regional significance in the urban area.

SKATS is governed by a policy committee made up of elected officials from the jurisdictions within our region (the cities of Salem and Keizer, and Marion and Polk Counties) and representatives of agencies, such as the Oregon Department of Transportation (ODOT), and the Salem Area Mass Transit District (SAMTD), which are responsible for building and operating our transportation infrastructure. The SKATS Policy Committee provides the region a valuable forum in which to consider the issues, develop coordinated strategies, and recommend prudent investments in our system to solve the transportation challenges we face in the region. Inasmuch as most of the significant improvements to our transportation system require a pooling of many types of federal, state, and local dollars, no single jurisdiction has either the authority or the financial resources to "go it alone." The SKATS Policy Committee provides the means for us to develop the "community of interest" that we must have to coordinate our transportation planning and investments to solve our current and expected problems and to create a workable system for our future.

### **SKATS Policy Committee:**

Richard Walsh .....	City of Keizer
Dan Clem .....	City of Salem
Patti Milne .....	Marion County
Tom Ritchey.....	Polk County
Dave Bishop .....	Oregon Department of Transportation
Lloyd Chapman.....	Salem Area Mass Transit District
Michael Parker.....	Salem-Keizer School District

Note: During 2002, SKATS was designated as a Transportation Management Area (TMA) and was required to expand its study area boundaries. As a result, the city of Turner is being incorporated into the SKATS process. At the time this document was prepared, the processing of the formal agreements to incorporate the city of Turner into the SKATS process was incomplete. If necessary, those activities will continue into 2003-2004 until completed but they are expected to be completed during the current fiscal year. City Councilor Glen Pennebaker is representing the city of Turner on the Policy Committee during this transition period.

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The preparation of this report has been financed in part by funds from the Federal Highway Administration, U.S. Department of Transportation, and the Oregon Department of Transportation (ODOT), Region 2. SKATS and the authors are solely responsible for the material contained herein.

# Executive Summary

In order to evaluate issues regarding the equity of both service provision and distribution of impacts related to alternatives developed in the transportation planning process, it is important to identify the effects of the alternatives on various population groups within the region. One of these population groups is the “transportation disadvantaged,” which is defined as populations that potentially experience some level of limitation in relation to convenient access to, or the use of, the private automobile. Portions of this group may also have difficulty using fixed-route public transportation services.

This document presents a geographic profile of the transportation disadvantaged populations in SKATS area census tracts as of 2000. For planning purposes, the potential “transportation disadvantaged” population is defined as including one of the following:

- Non-white and white/Hispanic persons
- Elderly persons (aged 65 and older)
- The poor (persons in households with income below poverty level)
- Linguistically isolated persons
- Persons with go-outside-home disabilities
- Households with no access to vehicles

The information presented in this report is derived from the Census Bureau’s Summary File 3 (sample) data collected in April 2000. Data are reported at the census tract level for those tracts that encompass the SKATS boundary, and, as a result, include a slightly larger population than the “official” SKATS area. Data represent tract populations as of April 2000, with the exception of poverty data, which is based on income for 1999. Maps and graphs throughout the body of the report depict a visual representation of each indicator, and tables of all data discussed are located in the Technical Appendix.

## Non-White and White Hispanic Persons

In 2000, non-white and white/Hispanic persons comprised 21.4% of SKATS area census tracts’ population. Much of the area’s non-white and white/Hispanic population was concentrated in the north and east areas of the SKATS region. Tracts 4 and 5 contain the largest percentages of non-white persons—nearly half of the tracts’ population.

## The Elderly

In 2000, 12.3% of the residents in SKATS area census tracts were aged 65 or older. Higher numbers of elderly persons were found in tracts in the north and west, with fewer located in the southwest and central areas of the region. Tracts 52.01 and 53 had the highest proportion of residents aged 65 and older—over one-fifth of the tracts’ respective populations.

## The Poor

More than 28,000 people, or 13.1% of total persons living in households in SKATS area census tracts, lived in households that had a 1999 annual income below the federally defined poverty level (see Technical Appendix). Tracts in the central area of SKATS had higher than average poverty rates, while tracts in West Salem, Keizer, and the southern areas of the region tended to have average or below average rates of people living in poor households.

## Linguistically Isolated Persons

A person is defined as linguistically isolated if they live in a household where no person aged 14 or older speaks English well. In 2000, 4.5% of such households existed in SKATS area census tracts. The highest concentrations of linguistically isolated households were found in north and east Salem in Tracts 4, 5, and 16.02, where over 13% of households were determined to be linguistically isolated. Tracts 22 and 24 in the southwest area contained the lowest proportions of linguistically isolated households, at less than 1%.

## Individuals with Go-Outside-Home Disabilities

In 2000, 12,736 civilian, non-institutionalized persons age 16 and over living in SKATS area census tracts were identified as having go-outside-home disabilities, representing 7.7% of the total population aged 16 and over. Individuals with go-outside-home disabilities are those who identified themselves as having a health condition that had lasted six months or longer which made it difficult for them to go outside the home alone. North and central area census tracts contained above average proportions of persons with go-outside-home disabilities. Tracts in the southwest area contained relatively few persons with go-outside-home disabilities.

## No Auto Access Households

In 2000, the residents of 6,317 housing units in SKATS area census tracts had no access to a motorized vehicle, representing nearly 8% of all occupied housing units. Tracts in the central area of SKATS had higher than average proportions of no auto access households (poverty rates in these tracts were also higher than average). The outer tracts surrounding the central core tended to report lower proportions of no auto access households.

## Multiple Disadvantaged Populations

Several census tracts that comprise the SKATS area exhibited multiple incidences of disadvantaged populations (**Table 1**).

*Tract 3* in the central Salem core area contained high proportions of non-white persons (35.9%), persons in poor households (23.7%), persons with go-outside-home disabilities (11.6%), and persons in households with no auto access (19.7%).

*Tracts 4 and 5* in the northeast area had high absolute numbers and proportions of non-white persons, persons in poor households, linguistically isolated households, and go-outside-home

disabilities. Tract 5 had both a high number and proportion of households that had no auto access, and Tract 4 had a high proportion only of no auto access households.

*Tract 7* east of the downtown core area contained high proportions of non-white persons (33.2%), persons in poor households (25%), persons with go-outside-home disabilities (11%), and persons in no auto access households (18.2%).

*Tract 16.02* reported higher than average proportions of non-white persons (38.2%) and linguistically isolated households (13.2%), and high numbers of non-white persons, poor, and linguistically isolated households.

*Tract 17.01* contained high numbers of persons living in poor households, linguistically isolated households, and no auto access households, and higher than average proportions of non-white persons (35.6%), persons in poor households (25.4%), and linguistically isolated households (11.2%).

A map of the SKATS area census tracts is located in the Technical Appendix of this report.

**Table 1**

Incidence of Transportation Disadvantaged Populations: SKATS Area Census Tracts (2000) (High Numbers and/or Proportions of Persons)												
Tract	Non-White/ White Hisp.		Elderly		Poor		Linguistically Isolated		Go-Outside- Home Disab.		No Vehicle Access	
	#	%	#	%	#	%	#	%	#	%	#	%
2						X						X
3		X				X				X	X	X
4	X	X			X	X	X	X	X	X		X
5	X	X			X	X	X	X	X	X	X	X
6												
7		X				X				X	X	X
8						X				X		X
9						X						X
10		X				X				X		X
11				X								
12												
13												
14			X									
15.01												
15.02												
15.03		X								X		X
16.01									X	X		
16.02	X	X			X		X	X				
16.03												
16.04	X						X					
17.01		X			X	X	X	X			X	
17.02		X						X		X		X
17.03												
18.01								X		X		
18.02												
18.03												
20												
21			X	X							X	
22												
23.01												
23.02												
24												
25			X						X			
27												
28												
51						X						X
52.01			X	X								
52.02												
53			X	X								

# Introduction and Context

In order to evaluate issues regarding the equity of both service provision and distribution of impacts related to alternatives developed in the transportation planning process, we need to identify the effects of the alternatives on various population groups within the region. One of these population groups can be collectively characterized as “transportation disadvantaged” in that they all generally exhibit some level of limitation in terms of convenient access to, or the use of, the predominant form of transportation in our society—the personal automobile. Furthermore, a portion of this population also experiences difficulty in using public transportation as well.

For transportation planning purposes, the size and location of these transportation disadvantaged population groups is useful in evaluating whether or not recommended improvements adequately address their unique needs and whether any negative aspects of a recommended action will disproportionately impact these members of our community.

# Categories of Transportation Disadvantaged Populations

For the purposes of this survey, the potential “transportation disadvantaged” population in the SKATS area is defined as including one of the following, either individually or taken as a whole:

- minorities (non-white or Hispanic persons)
- the elderly (persons aged 65 and over)
- the poor (persons with incomes below poverty level)
- mobility limited individuals (self-identified)
- “no auto access” households (occupied housing units with no vehicles available)
- linguistically isolated households (households where no person age 14 or over speaks English well)

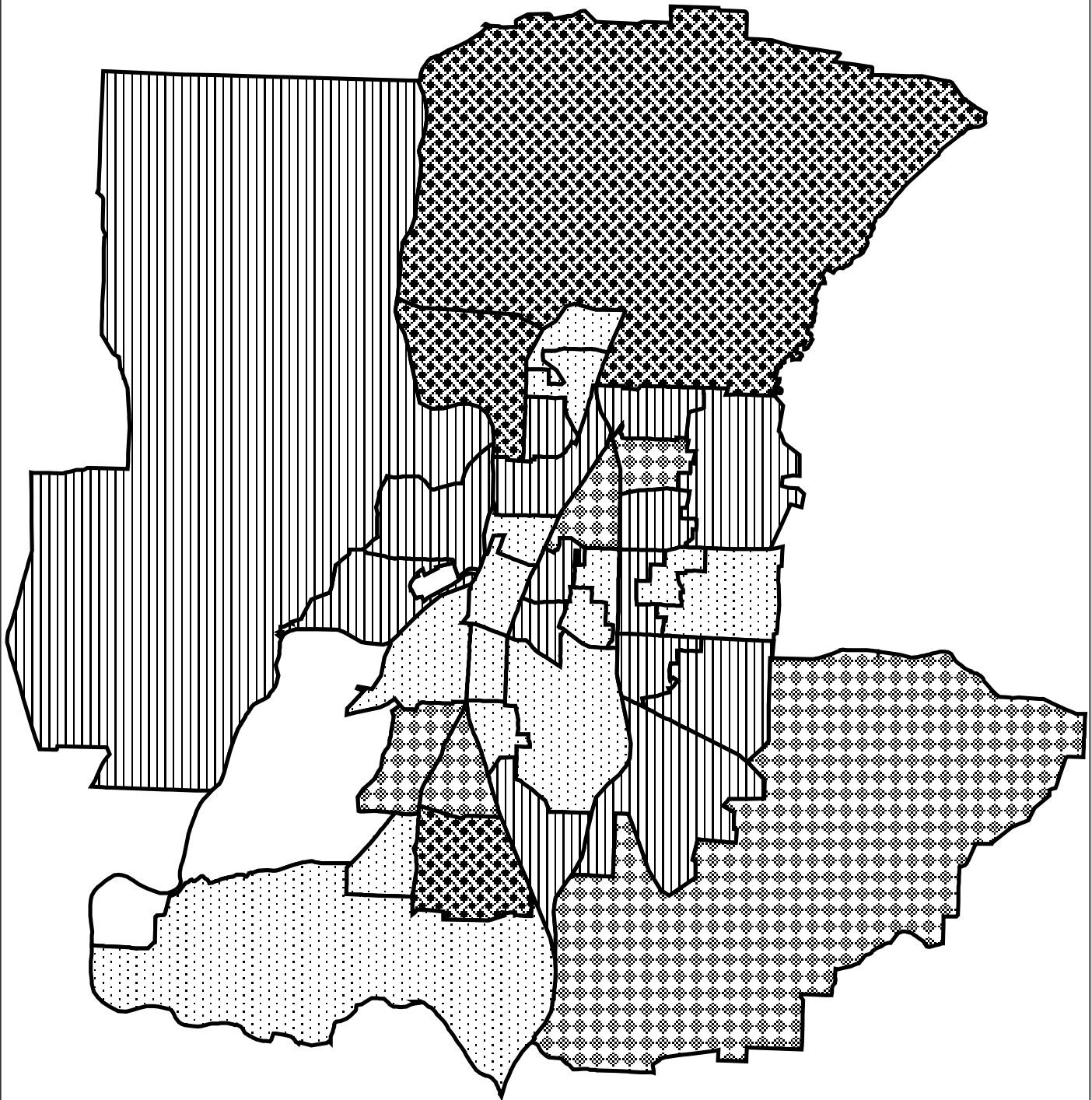
For planning purposes, it is assumed that a member of any of these groups is more likely to have an impaired range of convenient, personal transportation options available to them, due to economic, physical, historic, age or other reasons.

The information cited in this section of the document is taken from 2000 U.S. Census Bureau data and is based on census tract level information for those tracts with some portion of their area located within the SKATS boundary. As a result, the area covered in this description is slightly larger than the actual SKATS boundaries, representing a total of 223,988 persons in 2000 (**Map 1**). **Map 2** shows the population distribution for this area.

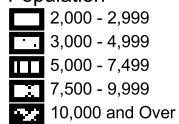
A brief discussion of each of these categories of transportation disadvantaged populations residing in the SKATS area follows. In addition, tabular depictions of the numerical data by census tract are also presented in the **Technical Appendix**.



# SKATS Area Census Tracts



## Population



Region Total: 223,988

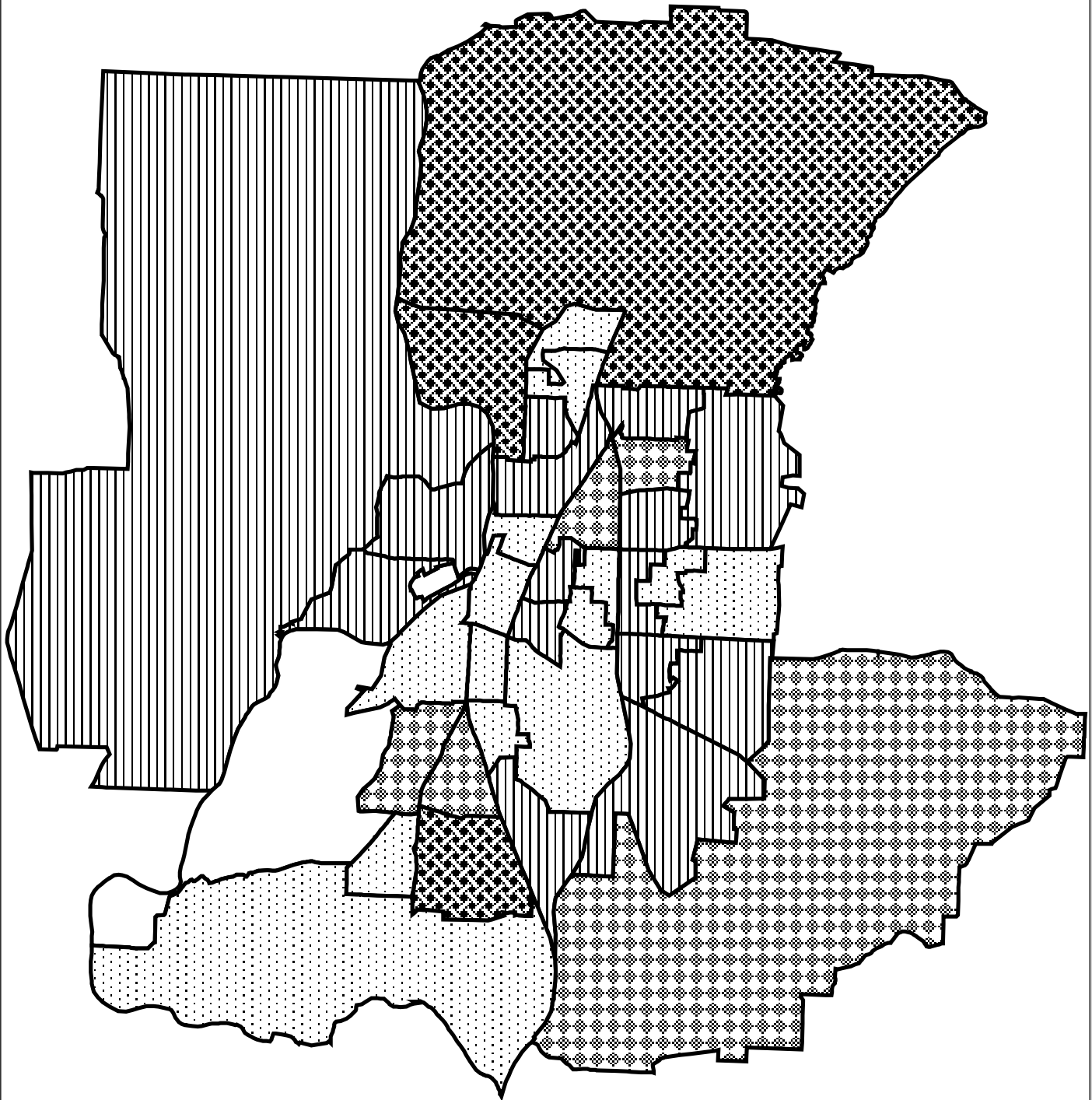
1 0 1 2 Miles



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for planning purposes.

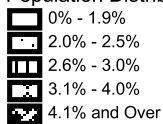
## Total Population, 2000





## Population Distribution

Region Total: 223,988



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for planning purposes

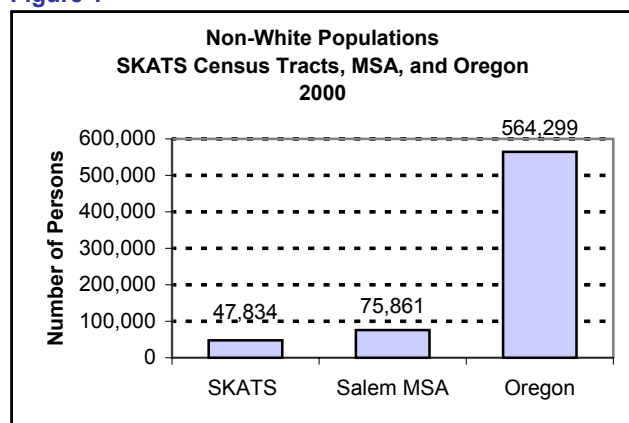
## Population Distribution, 2000



## Non-White Population

For the purposes of this survey, the non-white population of the SKATS area represents those persons who self-identified as “non-white” and “white/Hispanic” in the 2000 Census who reside in the census tracts that contain the SKATS boundary. In the 2000 Census, respondents could self-identify as more than one race; therefore, non-white is defined in this report as those persons who did not self-identify as “white only,” plus those who self-identified as white only and Hispanic. Because this is the first census in which respondents could identify themselves as being of more than one race, data on race from this census is not comparable to race data from prior censuses.

**Figure 1**



Nationally, the non-white population has historically experienced transportation discrimination both in terms of equal access to the full range of transportation services available, as well as being disproportionately impacted by the physical implementation of those services.

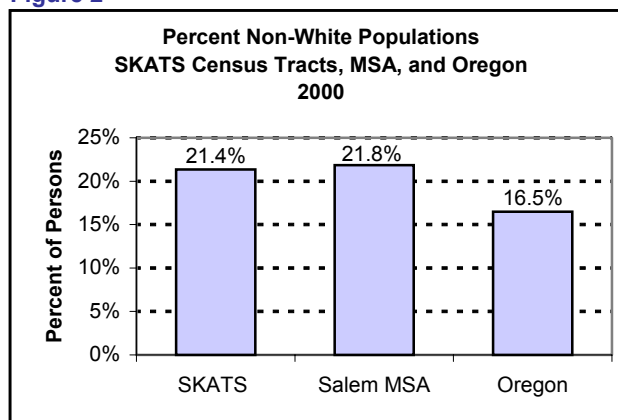
In 2000, a total of 47,834 non-white and white/Hispanic persons resided in the census tracts comprising the SKATS region (**Figure 1**) and made up 21.4% of the SKATS

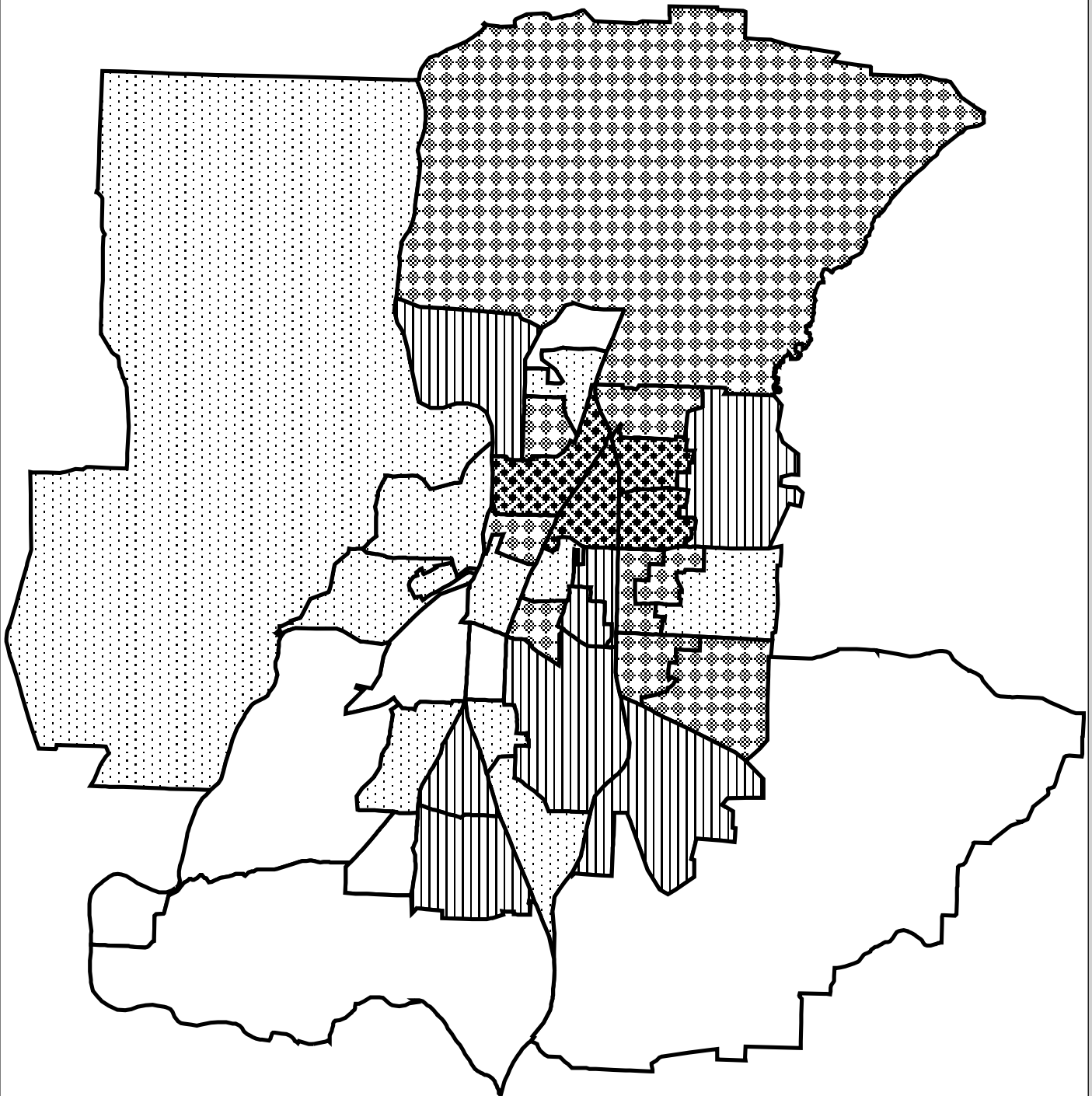
area census tracts' population (**Figure 2**). This proportion is higher than the overall State of Oregon proportion (16.5%) and about equal to that of the Salem MSA (21.8%). A total of 63% of the MSA's non-white and white/Hispanic population was contained in SKATS area census tracts.

Most of the non-white and white/Hispanic population in the SKATS area lived in census tracts in the north and east areas of the SKATS area (**Map 3**). The largest numbers and percentages of non-white and white/Hispanic persons were contained in tracts in the northeast area near the Salem Fairgrounds (**Map 4**). Tracts 4, 5, and 16.02 have proportionally the highest numbers of non-white and white/Hispanic persons compared to total population, with more than 5% of the SKATS area tracts' non-white and white/Hispanic population living in each of

these tracts. Tracts 4 and 5 contain the largest percentages of non-white and white/Hispanic persons, at 47.3% and 47.0% respectively. The lowest proportion of non-white and white/Hispanic population are found in tracts in the south and west areas of the SKATS area. The proportion of non-white and white/Hispanic persons in these tracts is below the regional average, with the exception of tract 51.00 in West Salem, with 29.7% of its population being non-White or white/Hispanic. Tracts 24 and 28 in the southwest area of the SKATS region report the lowest percentages of non-White and white/Hispanic persons, at 6.7% and 6.6% respectively.

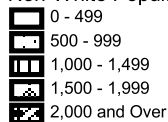
**Figure 2**





## Non-White Population

Region Total: 47,834



1 0 1 2 Miles

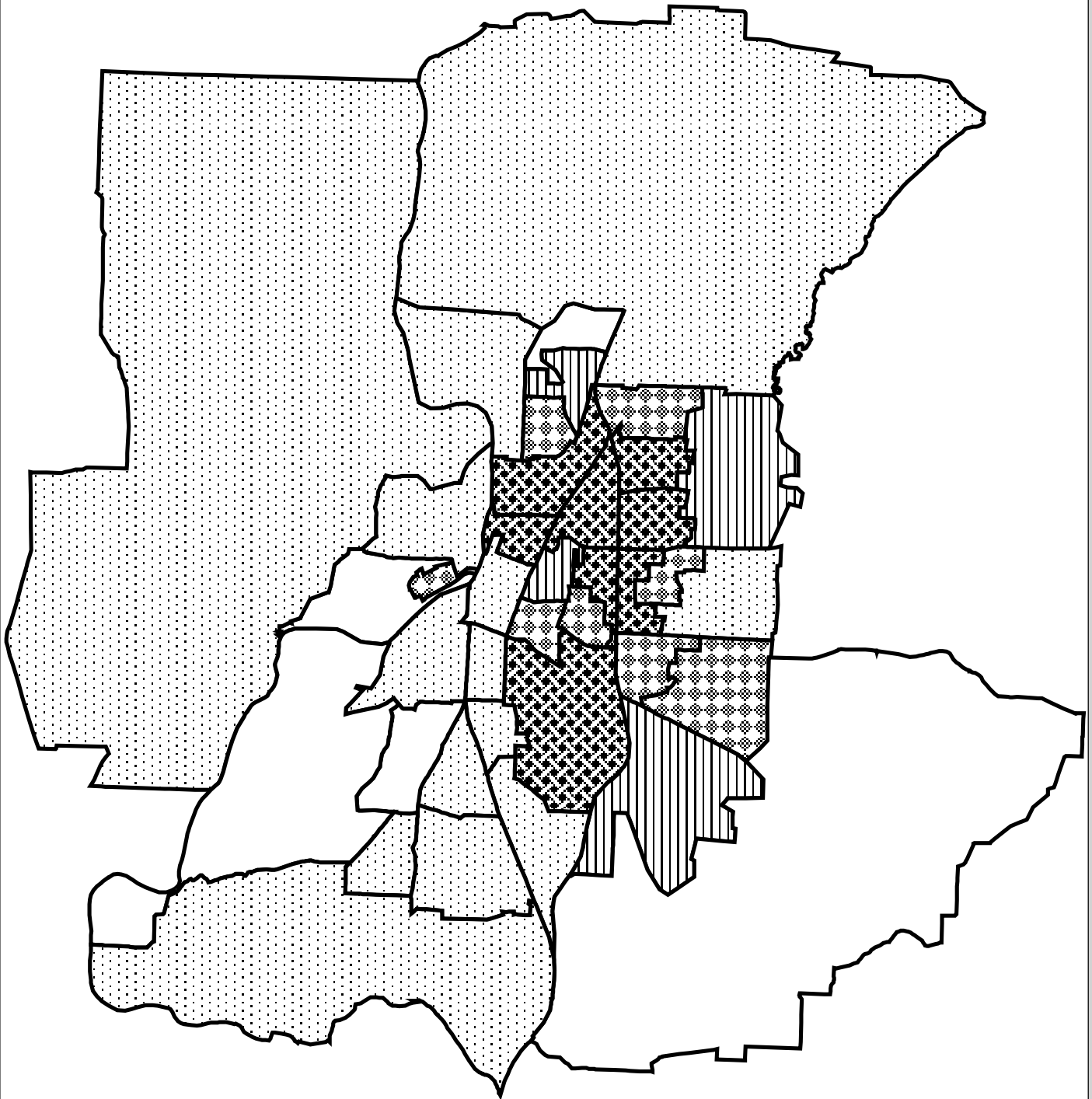


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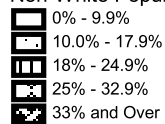
## Non-White Population, 2000



# SKATS Area Census Tracts



## Non-White Population



Region Average: 21.4%

1 0 1 2 Miles



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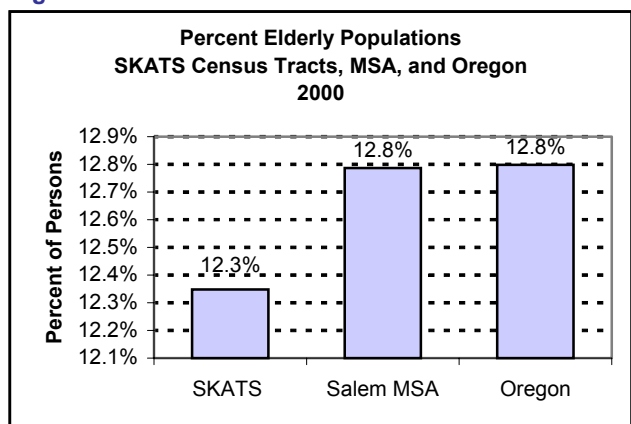
## Non-White Population, 2000 % of Total Population

## The Elderly

For the purposes of this survey, the elderly population in the SKATS area represents those persons aged 65 and over identified in the 2000 Census as residing in the census tracts that contain the SKATS boundary. This group, taken as a whole, tends to exhibit more physical impediments to driving, using public transportation, bicycling, and walking/carrying than the general public.

In 2000, elderly persons (aged 65+) made up 12.3% (27,657 out of 223,988) of the population in census tracts that encompass the SKATS area (**Figures 3 and 4**). This proportion is consistent with averages for the Salem MSA and the state. Over half (62%) of the MSA's elderly population lives in the SKATS area census tracts. Regionally, while the number of elderly persons has grown by 14.4% since 1990, their growth was outpaced by the increase of the total population, and hence, their proportion to the total population was reduced to 12.3% from 14.1% in 1990. Similar trends were observed in both the Salem MSA and the state.

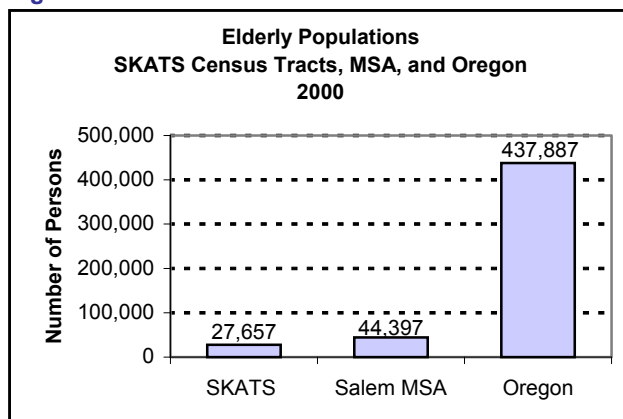
**Figure 4**



The highest numbers of elderly persons were found in the north and west areas, with fewer tracts located in the central and southern areas of the region (**Map 5**). Tracts 14 and 25 in the north, which were among the most populous tracts, also contained the highest numbers of elderly (nearly 1,500 each). Tracts in the southwest and central areas contained low numbers of elderly persons. Tract 8, which contains mostly group quarters population, reported only 174 persons age 65 or over residing in it. Tract 23.01 in the southwest and Tract 51 in west Salem also both contained fewer than 200 elderly persons.

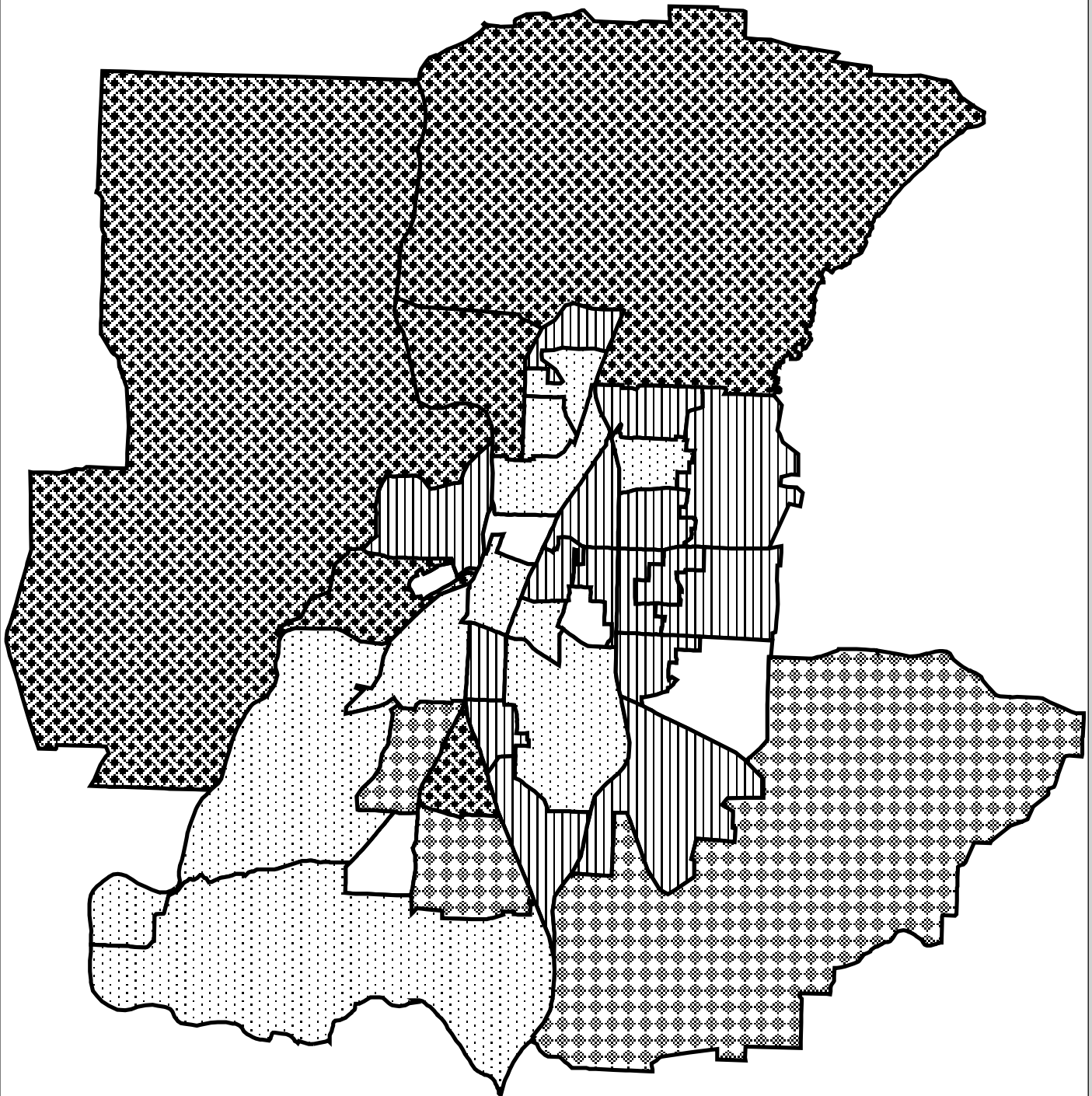
The greatest proportion of elderly persons were found in the west area, in Tracts 52.01 and 53, each with over 20% of their population in this age group (**Map 6**). Tracts in Keizer and south Salem also reported higher than average proportions of persons age 65 and older. Lower than average concentrations of elderly persons were reported in tracts in the central area of the region, in northeast Salem, and in Tract 51 in west Salem. Less than 6% of the population in Tracts 8 and 23.01 were age 65 or over.

**Figure 3**

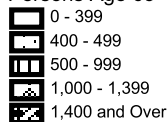


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Persons Age 65+



Region Total: 27,657

1 0 1 2 Miles



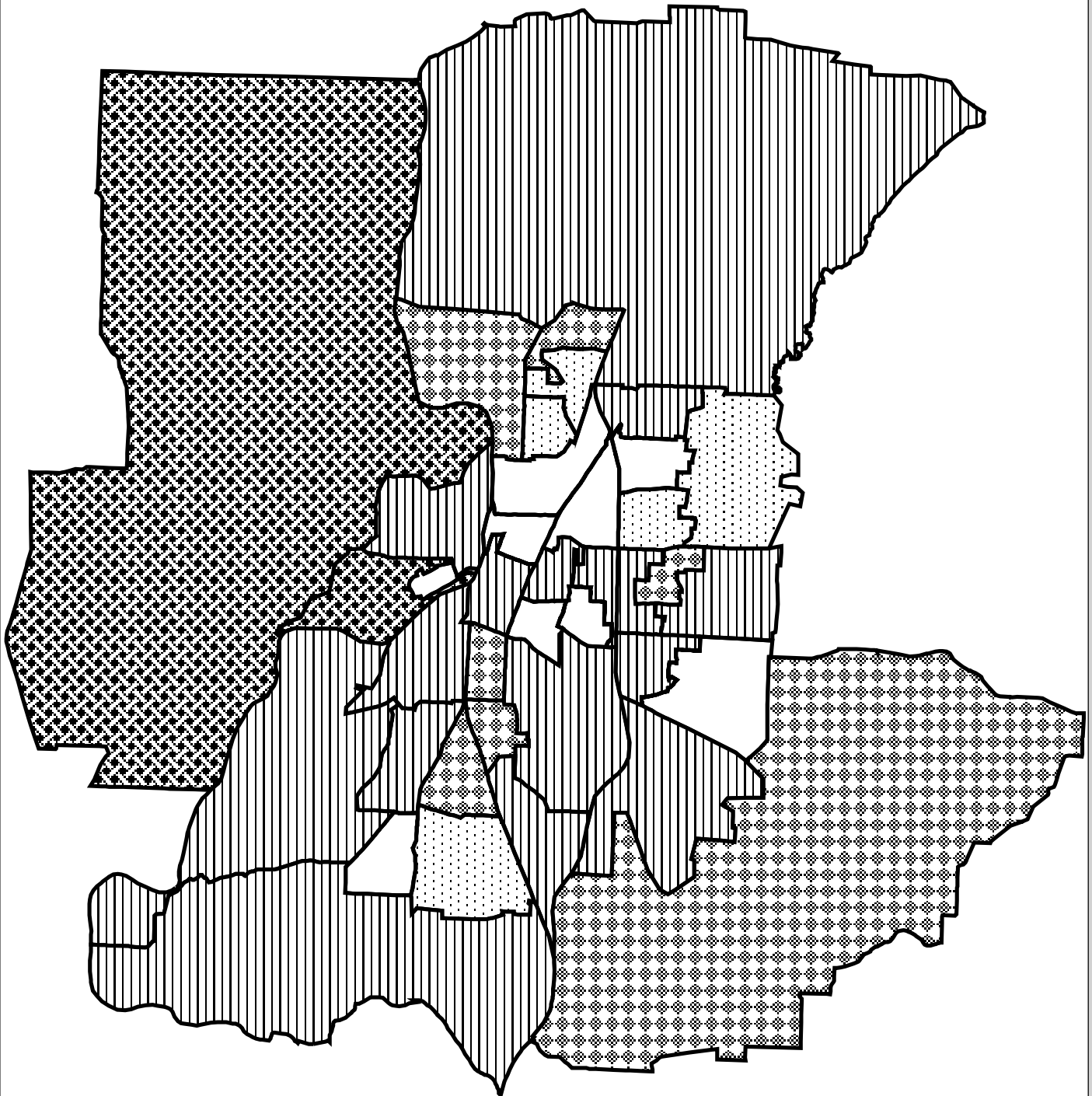
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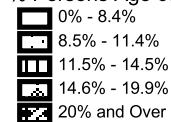
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**Population Age 65 and Over  
2000 Census**

# SKATS Area Census Tracts



% Persons Age 65+



Region Average: 12.3%

1 0 1 2 Miles



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for planning purposes.

% Population Age 65 and Over  
2000 Census

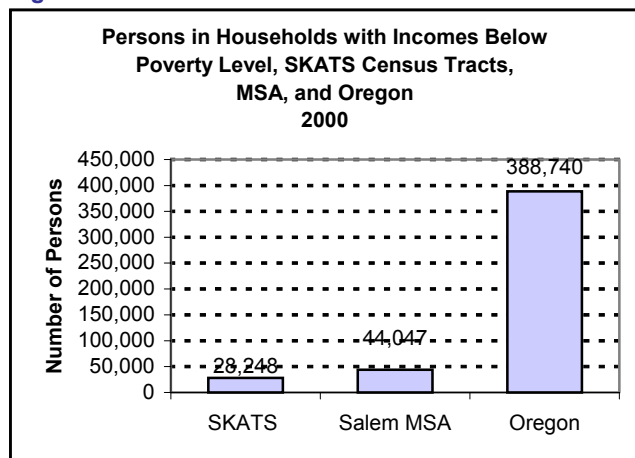




## The Poor

For the purposes of this survey, the poor population of the SKATS area represents those persons identified as living in households with income below the federally established poverty level in the 2000 Census (based on 1999 income) who reside in the census tracts that contain the SKATS

**Figure 5**



boundary. Persons living in poverty generally have less convenient access to reliable, late model, private vehicle(s). In addition, the costs associated with automobile ownership and maintenance often require a disproportionate share of their total income, limiting to some extent their accessibility and usage.

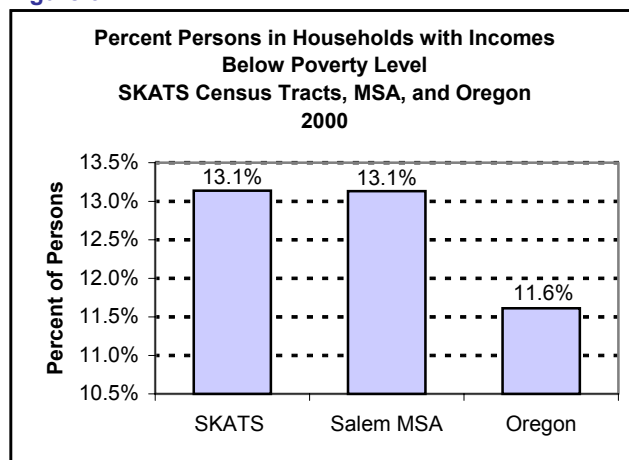
In 1999, 13.1% (28,248) of persons living in census tracts encompassing the SKATS area lived in households with income below poverty level (**Figures 5 and 6**). This proportion is equal to that of the Salem MSA and is higher than that of the state (11.6%). A

total of 64% of persons in the MSA living in households with incomes below poverty level resided in the SKATS area census tracts. The number of persons living in households with incomes below poverty level has risen more than 40% in the SKATS area since 1990, outpacing the growth of total population (33%). This increase is greater than that of both the Salem MSA (25.4% increase since 1990) and the state (12.7%). In the Salem MSA, the number of persons in households with incomes below poverty level grew at about the same rate as the total population, and the state as a whole reported a slower rate of growth for persons in poverty level than the total population.

The largest numbers of persons in households with incomes below poverty level were located in tracts in the central area, including and surrounding the downtown Salem core, while the fewest were found in the south, west, and in northeast Keizer (**Map 7**). Tract 5 in northeast Salem reported the highest number of persons living in households with incomes below poverty level, at 2,461 persons. Tract 24 in the southwest contained only 75 people living in households with incomes below poverty level, only 2.6% of its population (**Map 8**).

Tracts in the central area of the SKATS region also had higher than average rates of households in poverty. One-third of all persons living in Tract 4 (1,748 of 5,318) in north Salem lived in households with incomes below poverty level. The majority of residents of Census Tract 8 lived in group quarters, for which poverty status is not determined, but of those that did not (531 of

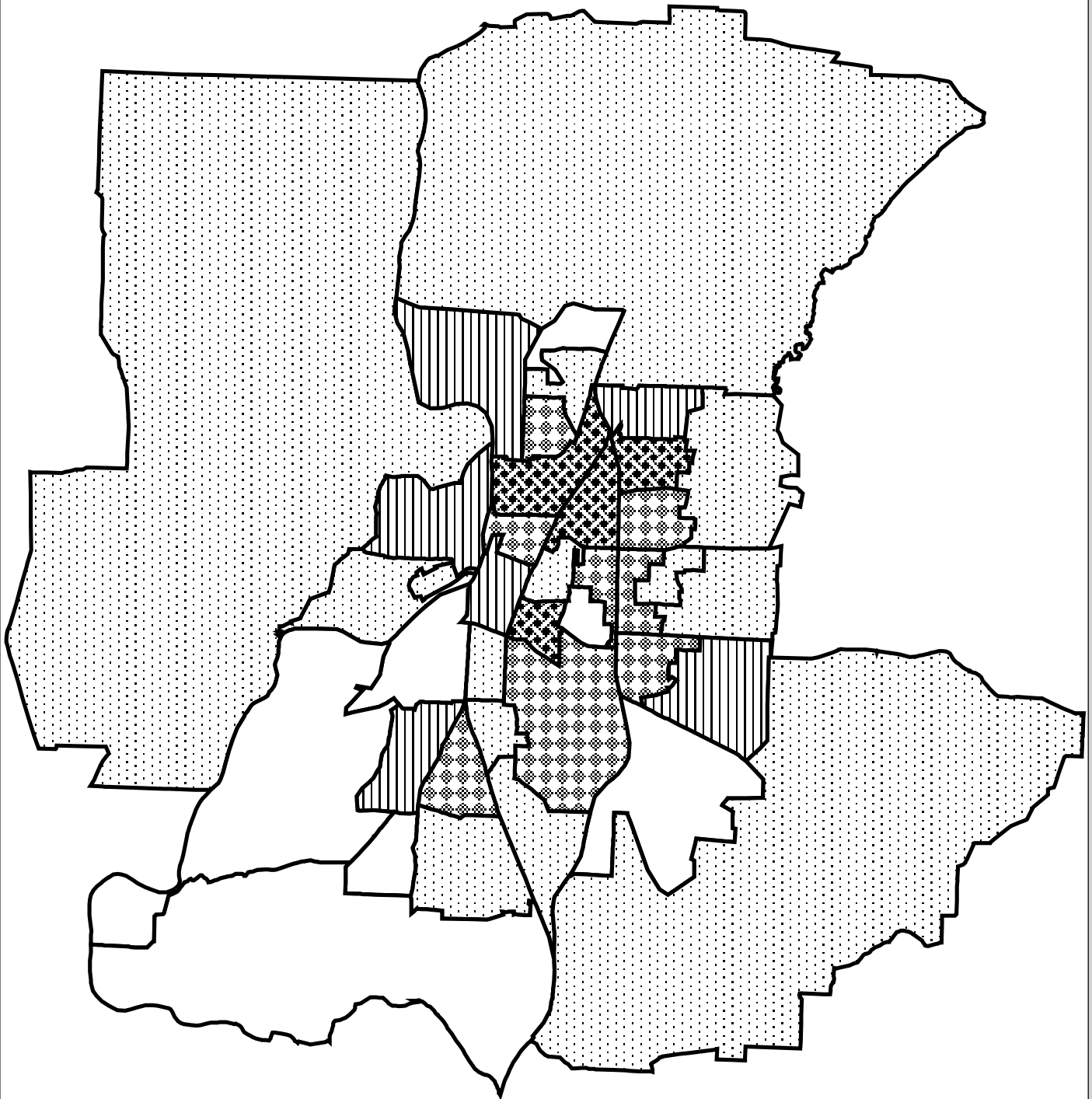
**Figure 6**



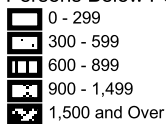
Tracts in the central area of the SKATS region also had higher than average rates of households in poverty. One-third of all persons living in Tract 4 (1,748 of 5,318) in north Salem lived in households with incomes below poverty level. The majority of residents of Census Tract 8 lived in group quarters, for which poverty status is not determined, but of those that did not (531 of

3,428), over 40% (219 of 531 residents) lived in households with incomes below poverty level. This is a major change from the 1990 Census, when there were only 42 non-group quarters residents in that tract, none of which were living in households with incomes below poverty level. Changes in the definition of a group home between the 1990 and 2000 Censuses account for this shift. Tracts in the south, west, outer east, and north/Keizer tended to contain a smaller proportion of persons in households with income below poverty level (under 11% of the total households in the tract).

# SKATS Area Census Tracts



Persons Below Poverty Region Total: 28,248



1 0 1 2 Miles



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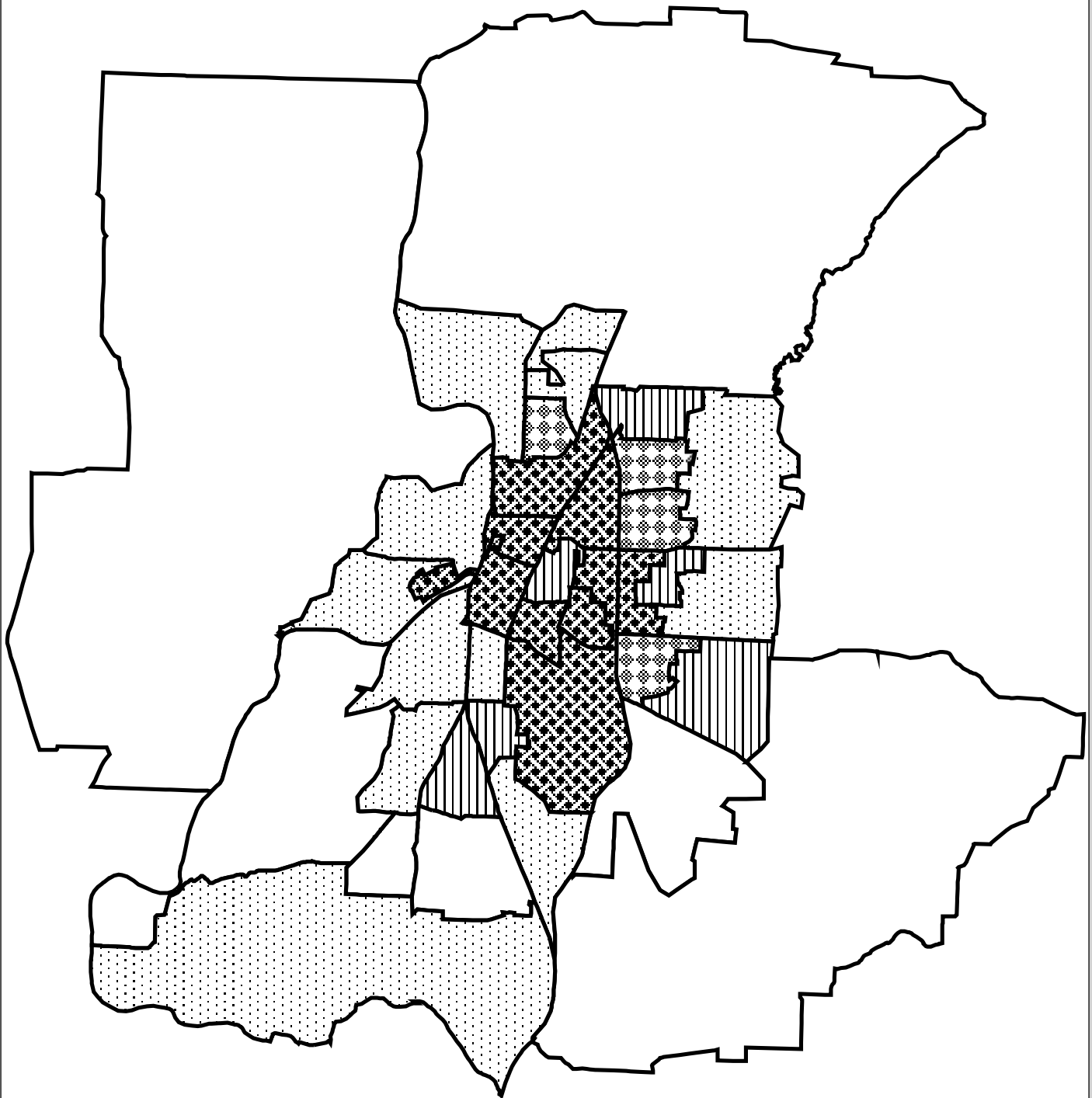


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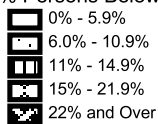
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**Persons in Households with  
Income Below Poverty Level,  
2000 Census**

# SKATS Area Census Tracts



% Persons Below Poverty Region Average: 13.1%



1 0 1 2 Miles

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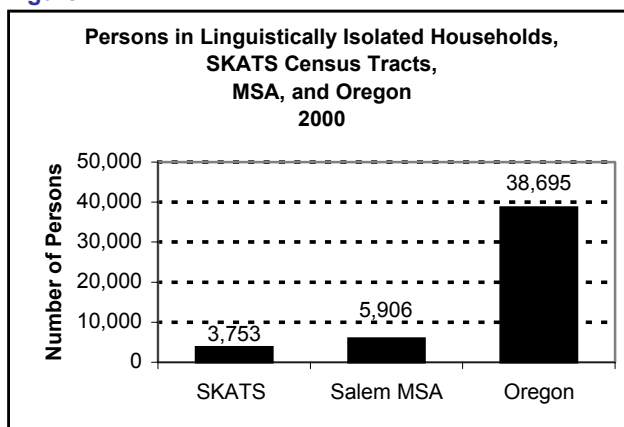
**% Persons in Households with  
Income Below Poverty Level,  
2000 Census**

## Linguistically Isolated Households

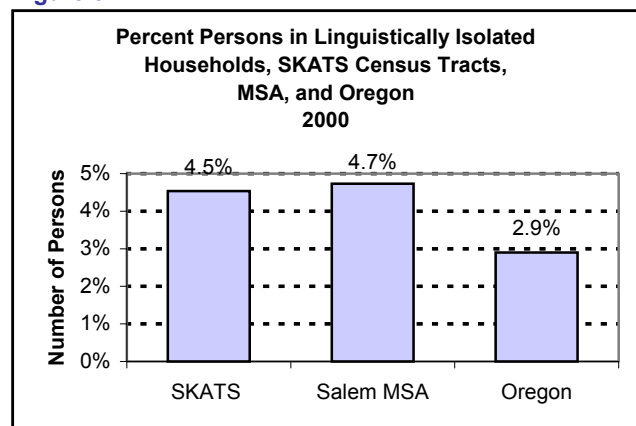
For the purposes of this survey, linguistically isolated households in census tracts that contain the SKATS boundary are those identified in the 2000 Census as households where no person age 14 years or over spoke English well. Linguistic isolation may result in difficulty accessing public transportation, as well as the inability to be informed of transportation issues that may impact residents' neighborhoods and access to transportation facilities.

In 2000, 4.5% of households (3,753 of 82,760) in census tracts in the SKATS area were linguistically isolated (**Figures 7 and 8**). This is comparable to the Salem MSA, in which 4.7% of residents were linguistically isolated, but is higher than that of the state at 2.9%. Of the 5,906 households in the Salem MSA who were linguistically isolated, 64% were located in SKATS area census tracts. Since the 1990 Census, the number of linguistically isolated households in the SKATS area has increased nearly

**Figure 7**



**Figure 8**

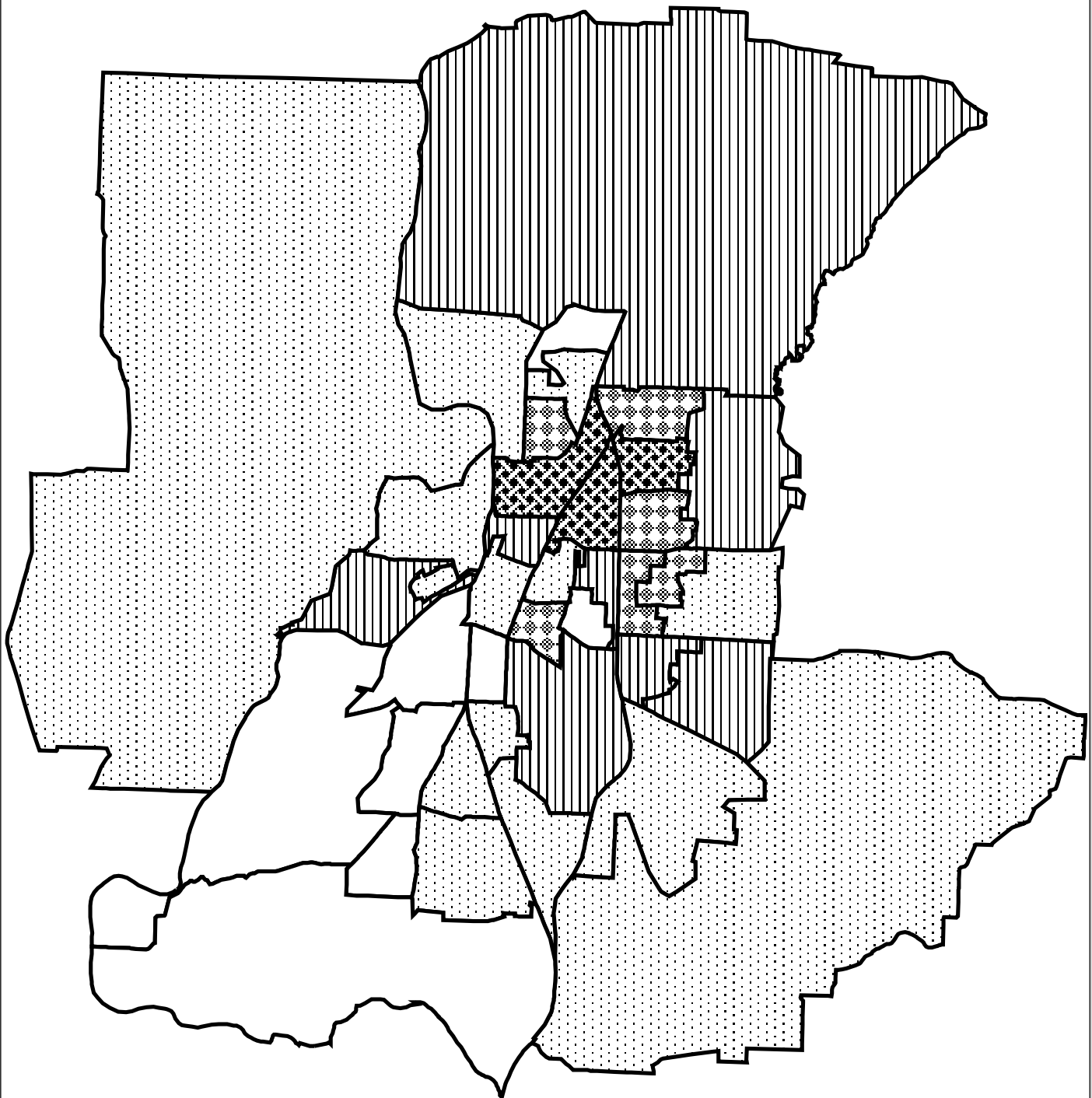


three-and-a-half times (244.9%), a greater increase than either the Salem MSA or the state (208% and 138% respectively). In 1990, only 1.7% of households were identified as being linguistically isolated in the SKATS area.

The highest numbers of linguistically isolated households were recorded in tracts in northeast Salem and southeast Keizer (**Map 9**). One-quarter of all linguistically isolated persons in SKATS area census tracts were located in Tracts 4, 5, or 16.02. These tracts also contained among the highest numbers of non-

White and white/Hispanic persons, as well as persons living in households with income below poverty level. Tracts in the southeast and in north Keizer reported the lowest numbers of linguistically isolated households.

Census tracts located in northeast and east Salem also contained higher than average proportions of the households who were linguistically isolated (**Map 10**). Tracts 4 and 16.02 reported the highest, at 16.2% and 13.2% respectively. The lowest proportion of linguistically isolated households were found mostly in tracts in the southern area of the SKATS region and in Keizer, with the exception of Tract 8, near the central core. Tract 8 contained no linguistically isolated persons within it, and less than 1% of the households in Tracts 22 and 24 in the southwest reported being linguistically isolated.



**Households**

- 0 - 29
- 30 - 74
- 75 - 149
- 150 - 249
- 300 and Over

Region Total: 3,753

1 0 1 2 Miles



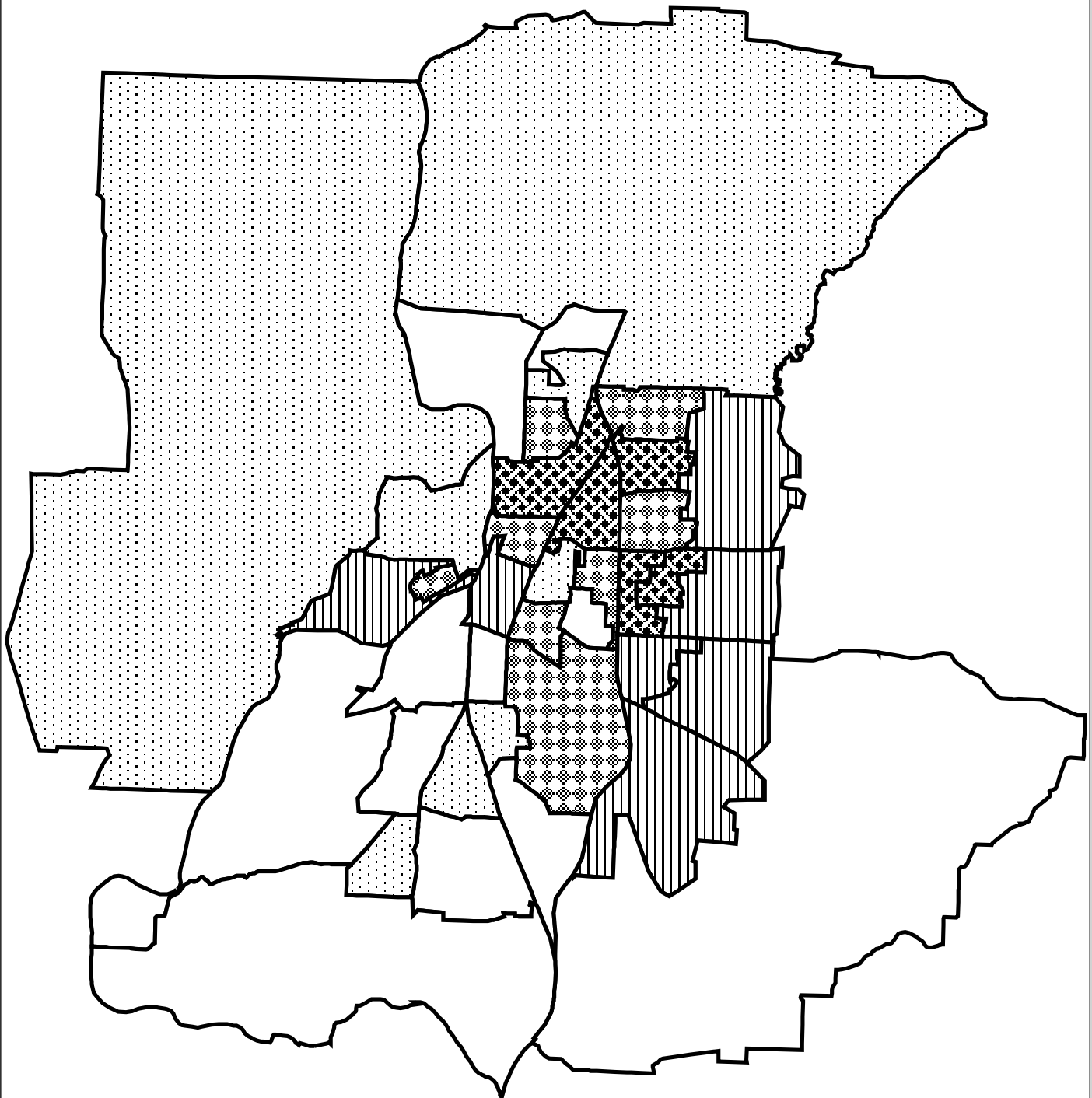
This map is illustrative and is only to be used for planning purposes.



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## Linguistically Isolated Households, 2000 Census

# SKATS Area Census Tracts



**% Households**  
 0% - 1.4%  
 1.5% - 2.9%  
 3% - 5.9%  
 4% - 9.9%  
 10% and Over

Region Average: 4.5%

1 0 1 2 Miles



This map is illustrative  
and is only to be used  
for planning purposes.

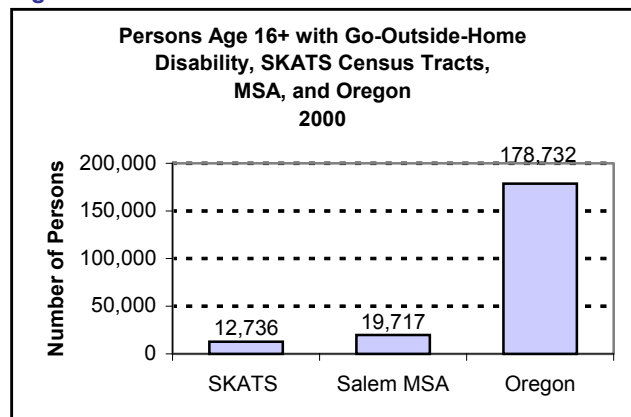


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**% Linguistically Isolated  
Households, 2000 Census**

## Individuals with Go-Outside-Home Disabilities

**Figure 9**



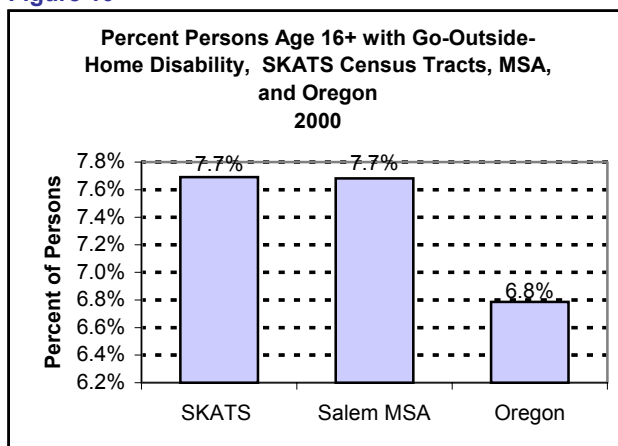
For the purposes of this survey, persons with go-outside-home disabilities represent those who self-identified as such in the 2000 Census and who reside in the census tracts that contain the SKATS boundary. Persons were identified as having a go-outside-home disability if they had a physical or mental health condition that had lasted six months or longer and that made it difficult to go outside of the home alone.

In 2000, 12,736 civilian, non-institutionalized persons age 16 and over living in SKATS area census tracts had go-outside-home disabilities,

representing 7.7% of the total population age 16 and over (**Figures 9 and 10**). This proportion is the same as that of the MSA (also 7.7%) and higher than the state (6.8%). This represents 65% of all persons age 16 and over with go-outside-home disabilities in the Salem MSA.

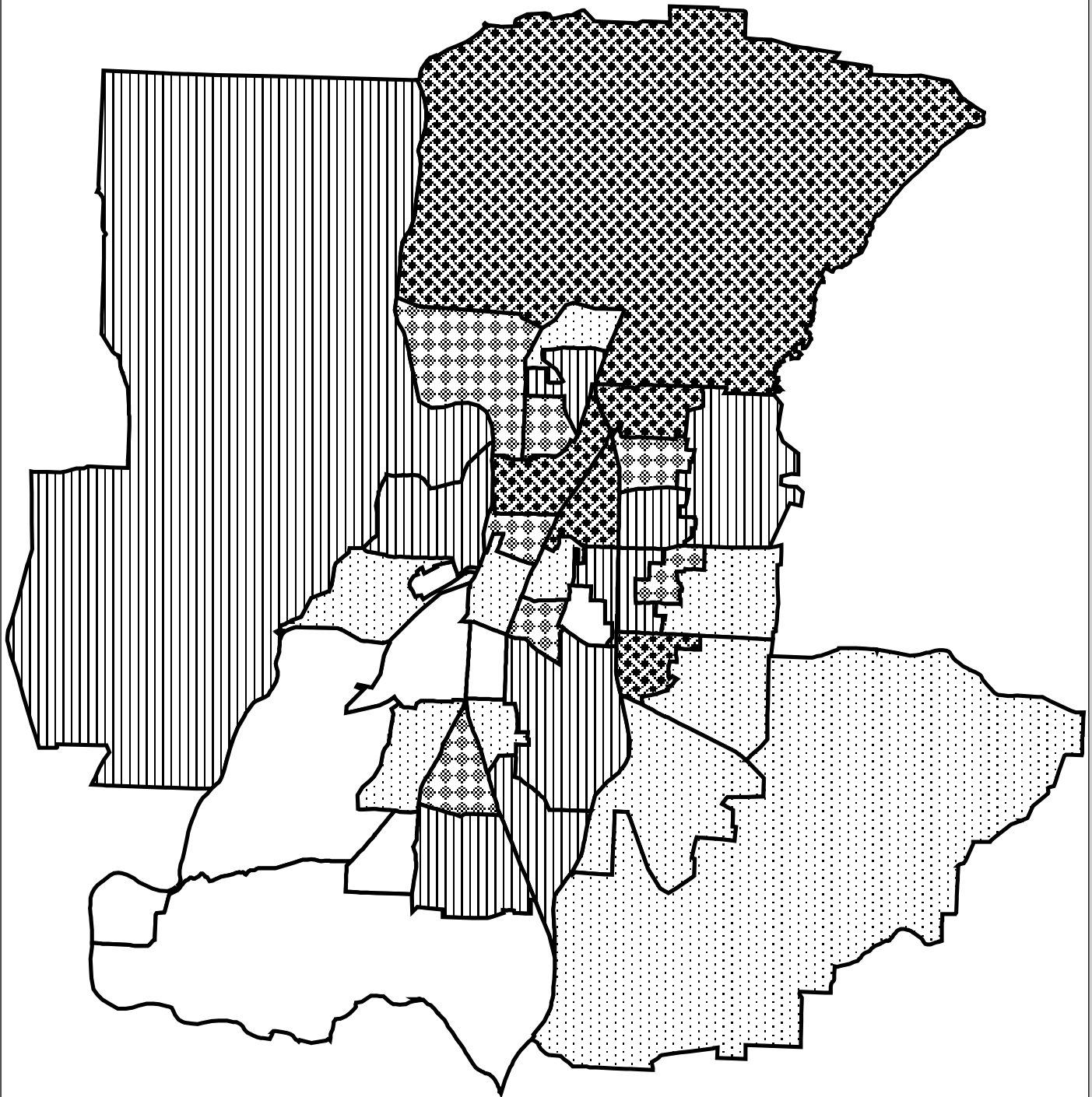
Census tracts in the north and central areas contained the largest numbers of individuals with go-outside-home disabilities (**Map 11**). Tracts 4, 5, and 16.01 each contained more than 600 persons with go-outside-home disabilities, together comprising about one-sixth of the region total (2,073 of 12,736). The fewest numbers of persons with go-outside-home disabilities were reported in tracts in the southwest area of the SKATS region.

**Figure 10**



Tracts in the central core and east areas of the SKATS region reported the highest proportions of persons with go-outside-home disabilities. Tracts 4, 5, and 8 contained the highest concentrations of persons with go-outside-home disabilities, with Tract 5 at 14.3% and Tracts 4 and 8 both over 16% (**Map 12**). The surrounding tracts to the east were also above average in the proportion of the population who had go-outside-home disabilities. Tracts in the southwest area of the SKATS region reported the lowest proportions of persons with go-outside-home disabilities. Tracts 12, 13, 22, and 24, which form a cluster in this area of the region, each reported a rate of less than 4% of persons with go-outside-home disabilities.





Persons with Disabilities Region Total: 12,736

- 0 - 149
- 150 - 299
- 300 - 399
- 400 - 499
- 500 and Over

1 0 1 2 Miles

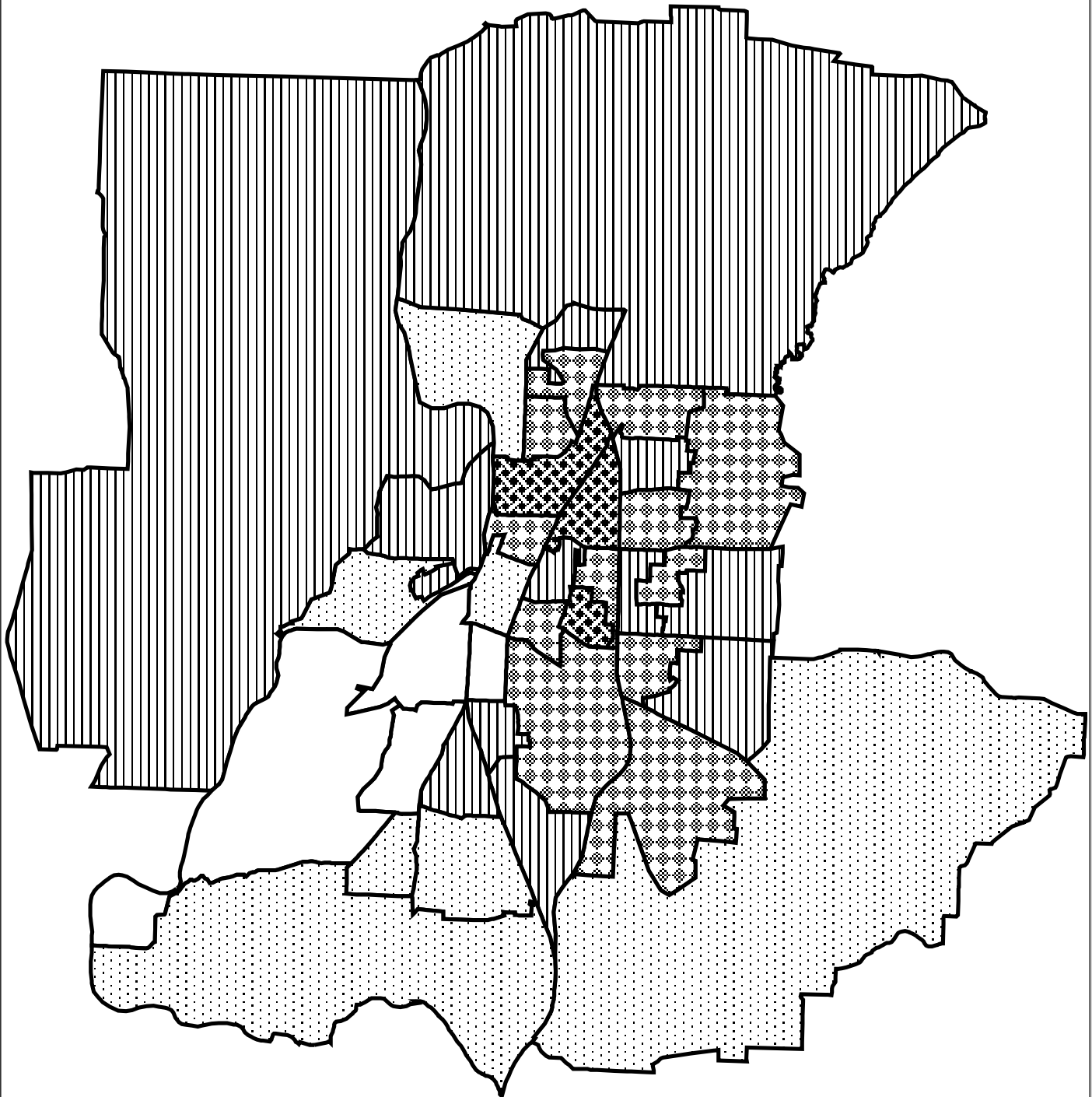


This map is illustrative and is only to be used for planning purposes.

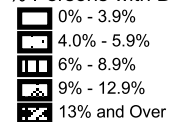


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**Persons with Go-Outside-Home Disabilities  
2000 Census**



% Persons with Disabilities    Region Average: 7.7%



1    0    1    2 Miles



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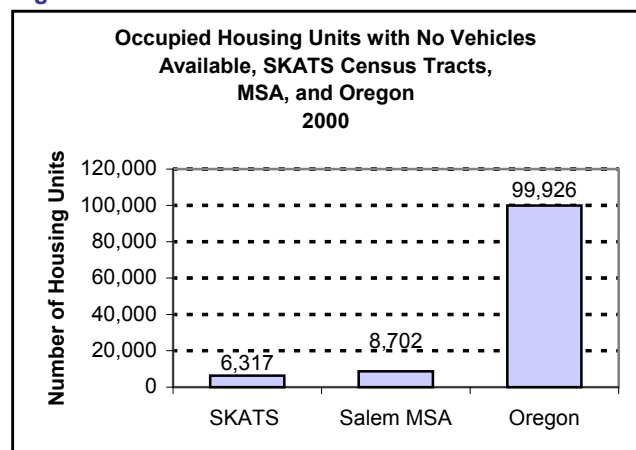
11/05/02

**% Persons with Go-Outside-  
Home Disabilities  
2000 Census**

## No Auto Access Households

For the purposes of this survey, the no auto access population of the SKATS area is represented by occupied households identified in the 2000 Census as having “no vehicles available” and located

**Figure 11**



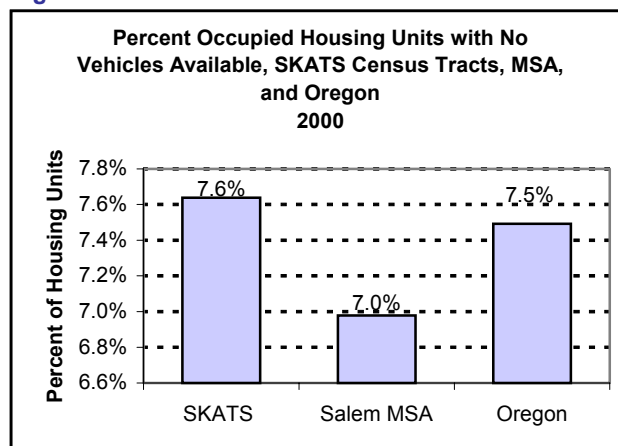
in those census tracts which contain the SKATS boundary. Inasmuch as the vast majority of our transportation and land use infrastructure has been designed to accommodate automobile use at the expense of all other modes since WWII, lack of access to an automobile can readily be considered a transportation handicap in this culture.

In 2000, the residents of 6,317 housing units in the SKATS area census tracts did not have access to a vehicle, representing 7.6% of all occupied housing units (**Figures 11 and 12**). Although the SKATS area census tracts

contained only 66% of occupied housing units in the Salem MSA, over 70% of the housing units with no vehicles available were located here. While the number of no auto access households grew 24.2% between 1990 and 2000, the proportion to total households remained steady, dropping only slightly from 7.9% of households in 1990 to the current 7.6%. The Salem MSA and state both reported similar trends.

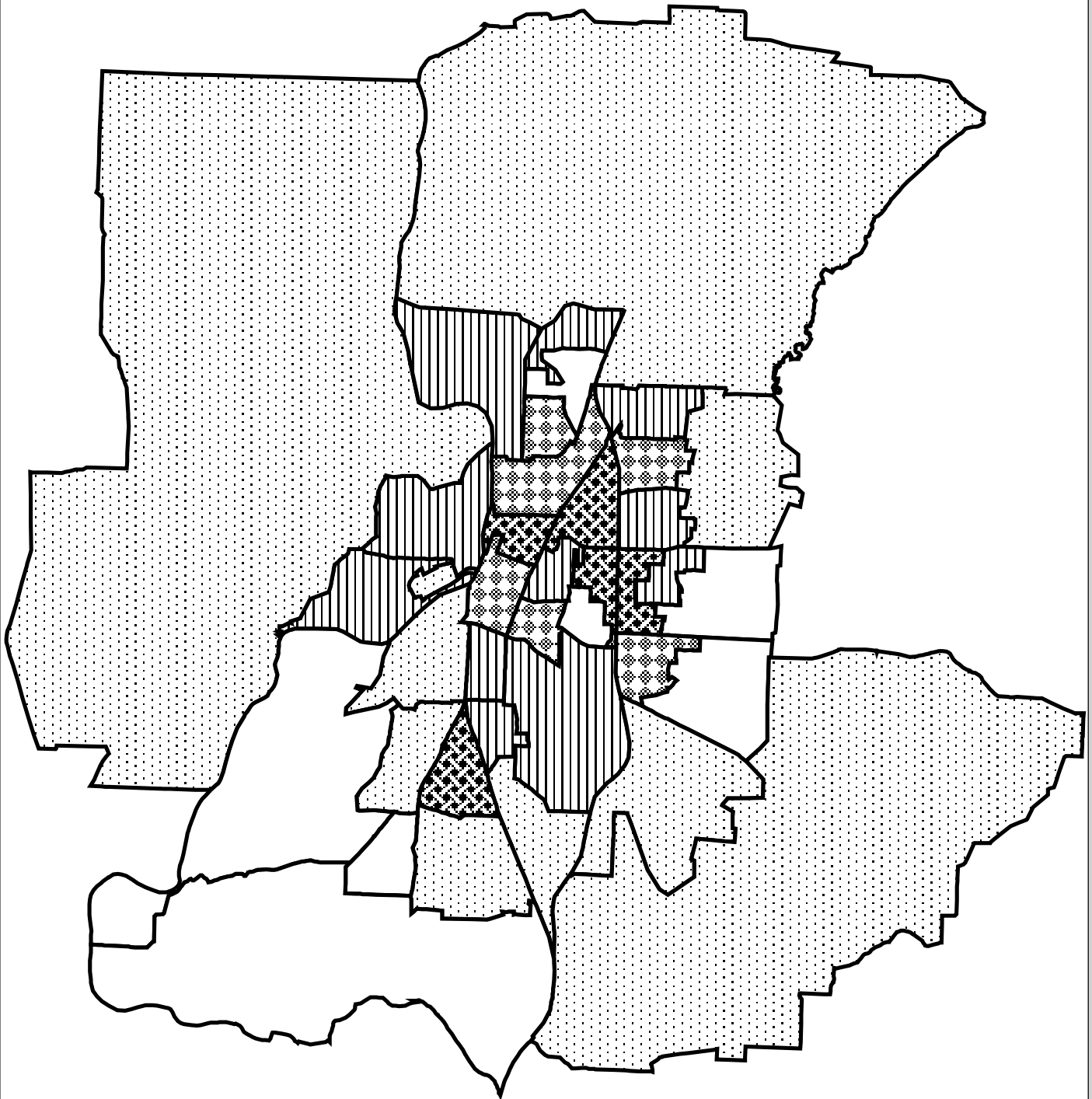
Census tracts in the central area of the SKATS region contained the highest numbers of no auto access households. Tracts 3, 5, 7, and 17.01 each contained more than 300 households with no vehicles available to them. Tract 21 in the south also contained one of the highest numbers of no auto access households, with 305 households with no vehicles available. The fewest numbers of no auto access households were found in the southwest, outer east, and east Keizer. Tracts 23.01 and 24 in the southwest each contained fewer than 25 households with no vehicle available.

**Figure 12**



The highest proportions of no auto access households are also contained in tracts the central area of the SKATS region (**Map 13**). Tracts 2, 8, and 17.01 each have more than 20% of their households identified as having no vehicles available, nearly three times the regional average. Tract 8, while having one of the lowest reported numbers of no auto access vehicles, actually has one of the highest proportions, at 23% (**Map 14**). The outer tracts surrounding the central core tended to report lower proportions of no auto access households, the lowest being Tracts 17.03 and 23.01, at 1.6% and 0.0% respectively.

# SKATS Area Census Tracts



## Housing Units

- 0 - 74
- 75 - 124
- 125 - 199
- 200 - 299
- 300 and Over

Region Total: 6,317

1 0 1 2 Miles



This map is illustrative  
and is only to be used  
for planning purposes.

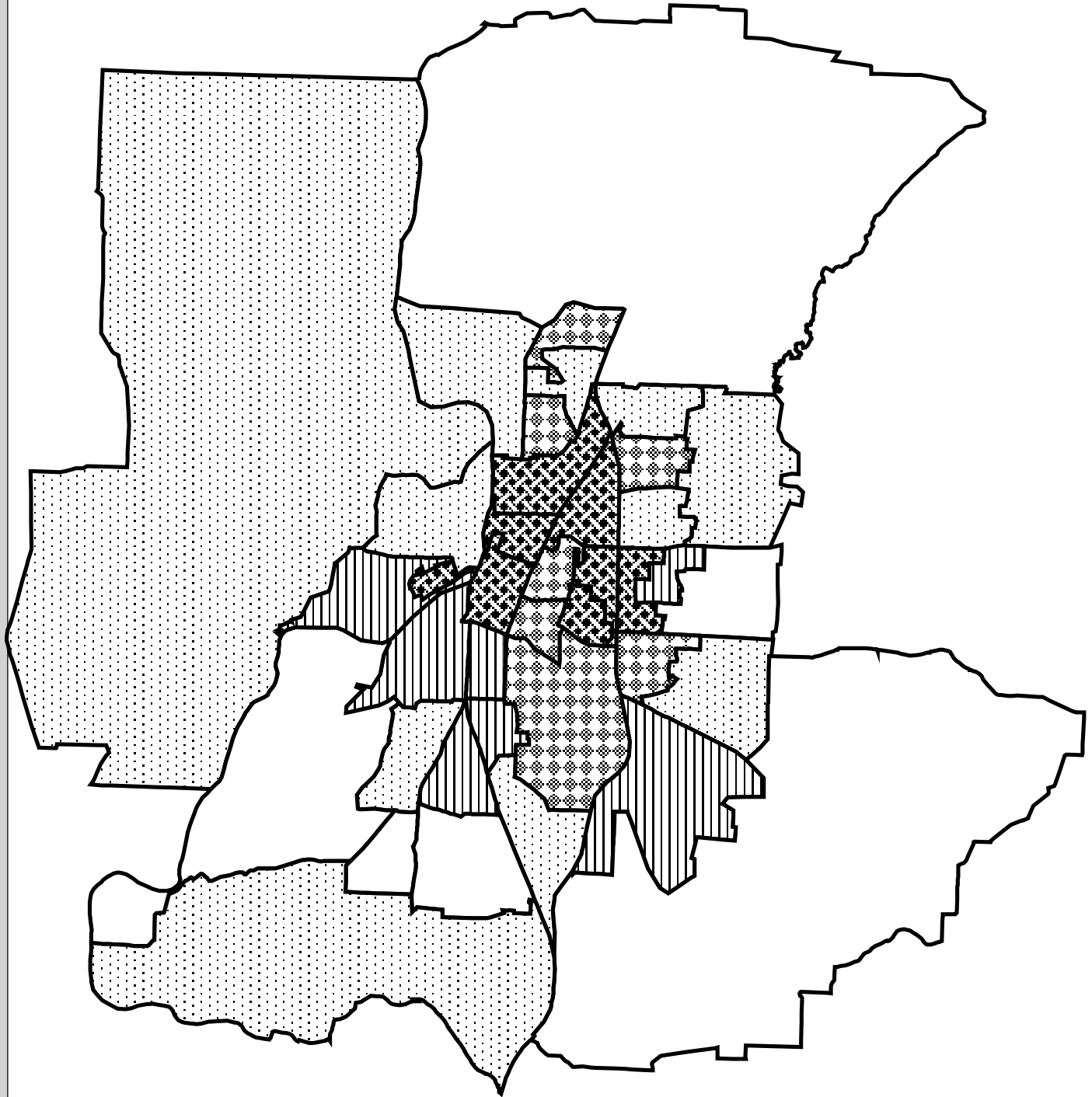


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**Occupied Housing Units  
With No Vehicles Available  
2000 Census**

# SKATS Area Census Tracts



**% Households**  
 0% - 2.9%  
 3.0% - 5.9%  
 6% - 8.9%  
 9% - 12.9%  
 13% and Over

Region Average: 7.6%

1 0 1 2 Miles



This map is illustrative  
and is only to be used  
for planning purposes



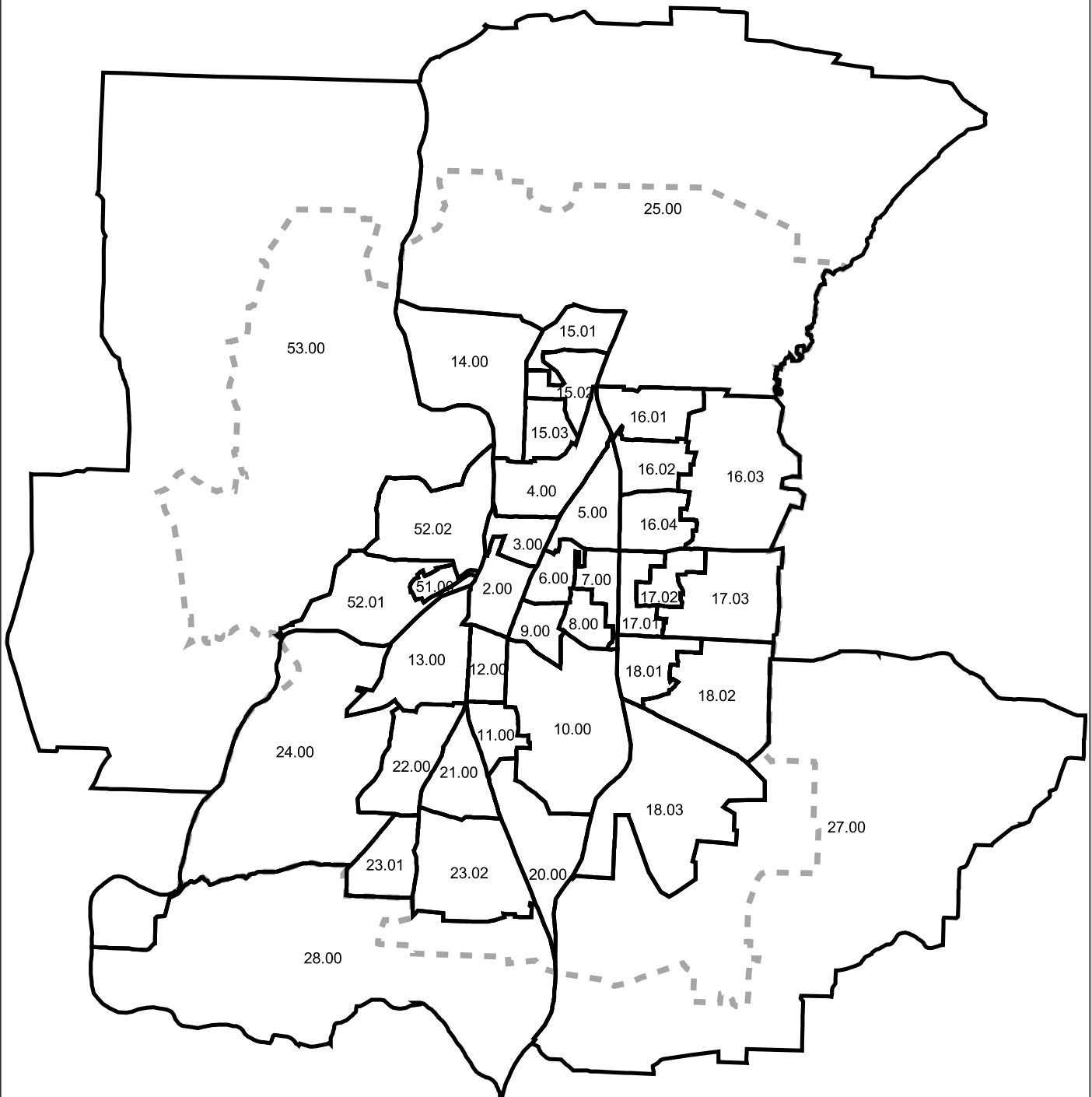
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**% Occupied Housing Units  
With No Vehicles Available  
2000 Census**



## Technical Appendix

# SKATS Area Census Tracts



 Census Tracts

 SKATS Boundary

1 0 1 2 Miles



This map is illustrative  
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2000 Census



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<b>Total and Non-White* Populations for SKATS Area Census Tracts, Marion and Polk Counties, Salem MSA, and Oregon State, 2000</b>			
<b>Census Tract/ Area</b>	<b>Total Population</b>	<b>Non-White Persons</b>	<b>% Non-White Persons</b>
2	3,626	636	17.5%
3	4,979	1,789	35.9%
4	5,388	2,547	47.3%
5	8,416	3,955	47.0%
6	5,014	967	19.3%
7	4,462	1,483	33.2%
8	3,428	1,026	29.9%
9	5,804	1,623	28.0%
10	4,065	1,372	33.8%
11	4,479	528	11.8%
12	3,694	433	11.7%
13	3,829	403	10.5%
14	10,237	1,434	14.0%
15.01	4,122	409	9.9%
15.02	4,707	947	20.1%
15.03	5,028	1,566	31.1%
16.01	7,148	1,827	25.6%
16.02	7,546	2,879	38.2%
16.03	5,408	1,198	22.2%
16.04	7,086	2,359	33.3%
17.01	5,228	1,860	35.6%
17.02	4,810	1,540	32.0%
17.03	3,782	678	17.9%
18.01	5,570	1,530	27.5%
18.02	6,004	1,500	25.0%
18.03	5,000	1,173	23.5%
20	6,532	765	11.7%
21	8,711	1,308	15.0%
22	8,262	773	9.4%
23.01	3,108	420	13.5%
23.02	10,259	1,126	11.0%
24	2,883	192	6.7%
25	11,794	1,856	15.7%
27	7,540	495	6.6%
28	3,585	410	11.4%
51	2,033	603	29.7%
52.01	5,837	542	9.3%
52.02	7,173	855	11.9%
53	7,411	827	11.2%
SKATS Tracts	223,988	47,834	21.4%
Marion County	284,834	66,895	23.5%
Polk County	62,380	8,966	14.4%
Salem MSA	347,214	75,861	21.8%
Oregon	3,421,399	564,299	16.5%
* Non-White and White Hispanic Persons Source: U.S. Census Bureau, SF-3			

**Total and Elderly\* Populations for SKATS Area  
Census Tracts, Marion and Polk Counties,  
Salem MSA, and Oregon State, 2000**

<b>Census Tract/ Area</b>	<b>Total Population</b>	<b>Population Age 65+</b>	<b>% Population Age 65+</b>
2	3,626	432	11.9%
3	4,979	374	7.5%
4	5,388	400	7.4%
5	8,416	633	7.5%
6	5,014	576	11.5%
7	4,462	628	14.1%
8	3,428	174	5.1%
9	5,804	408	7.0%
10	4,065	495	12.2%
11	4,479	806	18.0%
12	3,694	540	14.6%
13	3,829	458	12.0%
14	10,237	1,499	14.6%
15.01	4,122	608	14.8%
15.02	4,707	416	8.8%
15.03	5,028	496	9.9%
16.01	7,148	955	13.4%
16.02	7,546	487	6.5%
16.03	5,408	536	9.9%
16.04	7,086	778	11.0%
17.01	5,228	737	14.1%
17.02	4,810	707	14.7%
17.03	3,782	522	13.8%
18.01	5,570	764	13.7%
18.02	6,004	362	6.0%
18.03	5,000	663	13.3%
20	6,532	754	11.5%
21	8,711	1,401	16.1%
22	8,262	1,112	13.5%
23.01	3,108	171	5.5%
23.02	10,259	1,151	11.2%
24	2,883	416	14.4%
25	11,794	1,653	14.0%
27	7,540	1,101	14.6%
28	3,585	446	12.4%
51	2,033	128	6.3%
52.01	5,837	1,444	24.7%
52.02	7,173	936	13.0%
53	7,411	1,490	20.1%
SKATS Tracts	223,988	27,657	12.3%
Marion County	284,834	35,217	12.4%
Polk County	62,380	9,180	14.7%
Salem MSA	347,214	44,397	12.8%
Oregon	3,421,399	437,887	12.8%

\* Age 65 and over

Source: U.S. Census Bureau, SF-3

**Persons in Households with Income Below Poverty Level  
SKATS Area Census Tracts, Marion & Polk Counties,  
Salem MSA, and Oregon State, 1999**

<b>Census Tract/ Area</b>	<b>Total* Persons</b>	<b>Persons Below Poverty Level</b>	<b>% Below Poverty Level</b>
2	2,427	609	25.1%
3	4,934	1,168	23.7%
4	5,318	1,748	32.9%
5	8,382	2,461	29.4%
6	4,976	547	11.0%
7	4,449	1,111	25.0%
8	531	219	41.2%
9	5,709	1,583	27.7%
10	3,876	1,034	26.7%
11	4,293	529	12.3%
12	3,683	361	9.8%
13	3,812	285	7.5%
14	10,211	639	6.3%
15.01	4,117	284	6.9%
15.02	4,680	475	10.1%
15.03	4,924	1,038	21.1%
16.01	7,109	803	11.3%
16.02	7,501	1,634	21.8%
16.03	5,386	386	7.2%
16.04	7,061	1,134	16.1%
17.01	5,216	1,327	25.4%
17.02	4,644	517	11.1%
17.03	3,742	309	8.3%
18.01	5,549	1,017	18.3%
18.02	5,906	783	13.3%
18.03	2,534	121	4.8%
20	6,492	458	7.1%
21	8,569	1,254	14.6%
22	8,191	671	8.2%
23.01	3,088	144	4.7%
23.02	10,204	460	4.5%
24	2,855	75	2.6%
25	11,626	511	4.4%
27	7,501	440	5.9%
28	3,566	269	7.5%
51	2,026	476	23.5%
52.01	5,357	325	6.1%
52.02	7,173	623	8.7%
53	7,375	420	5.7%
SKATS Tracts	214,993	28,248	13.1%
Marion County	274,908	37,104	13.5%
Polk County	60,526	6,943	11.5%
Salem MSA	335,434	44,047	13.1%
Oregon	3,347,667	388,740	11.6%

\* Total persons for whom poverty level was determined.

Source: U.S. Census Bureau, SF-3

**Linguistically Isolated Households\***  
**SKATS Area Census Tracts, Marion & Polk Counties,**  
**Salem MSA, and Oregon State, 1999**

Census Tract/ Area	Total Households	Linguistically Isolated Households	% Linguistically Isolated Households
2	1,179	48	4.1%
3	1,817	141	7.8%
4	1,818	295	16.2%
5	2,671	273	10.2%
6	2,062	45	2.2%
7	1,736	114	6.6%
8	225	0	0.0%
9	2,225	156	7.0%
10	1,537	95	6.2%
11	1,895	41	2.2%
12	1,717	23	1.3%
13	1,797	26	1.4%
14	4,120	35	0.8%
15.01	1,612	19	1.2%
15.02	1,666	39	2.3%
15.03	1,759	174	9.9%
16.01	2,585	190	7.4%
16.02	2,786	367	13.2%
16.03	1,841	88	4.8%
16.04	2,622	244	9.3%
17.01	2,153	242	11.2%
17.02	1,660	179	10.8%
17.03	1,351	50	3.7%
18.01	2,167	106	4.9%
18.02	1,912	110	5.8%
18.03	1,176	46	3.9%
20	2,505	32	1.3%
21	3,600	65	1.8%
22	3,182	5	0.2%
23.01	1,080	17	1.6%
23.02	4,054	39	1.0%
24	1,092	4	0.4%
25	4,266	122	2.9%
27	2,781	37	1.3%
28	1,364	16	1.2%
51	782	54	6.9%
52.01	2,282	75	3.3%
52.02	2,828	68	2.4%
53	2,855	73	2.6%
SKATS Tracts	82,760	3,753	4.5%
Marion County	101,791	5,310	5.2%
Polk County	23,083	596	2.6%
Salem MSA	124,874	5,906	4.7%
Oregon	1,335,109	38,695	2.9%

\* Households with no person age 14+ who speaks English well

Source: U.S. Census Bureau, SF-3

**Persons Age 16+ With Go-Outside-Home Disability\***  
**SKATS Area Census Tracts, Marion & Polk Counties,**  
**Salem MSA, and Oregon State, 1999**

<b>Census Tract/ Area</b>	<b>Total Persons* Age 16+</b>	<b>Go-Outside- Home Disability</b>	<b>% Go-Outside Home Disability</b>
2	3,191	163	5.1%
3	3,685	426	11.6%
4	3,814	639	16.8%
5	5,811	831	14.3%
6	3,971	262	6.6%
7	3,359	371	11.0%
8	377	63	16.7%
9	4,438	423	9.5%
10	2,853	328	11.5%
11	3,508	270	7.7%
12	2,992	96	3.2%
13	3,124	71	2.3%
14	7,861	457	5.8%
15.01	3,151	240	7.6%
15.02	3,407	310	9.1%
15.03	3,607	446	12.4%
16.01	5,427	603	11.1%
16.02	5,443	453	8.3%
16.03	3,982	373	9.4%
16.04	3,944	381	9.7%
17.01	5,381	330	6.1%
17.02	3,465	428	12.4%
17.03	2,862	202	7.1%
18.01	4,113	517	12.6%
18.02	4,136	279	6.7%
18.03	2,555	250	9.8%
20	4,889	301	6.2%
21	6,718	430	6.4%
22	6,277	195	3.1%
23.01	2,219	94	4.2%
23.02	7,908	386	4.9%
24	2,303	52	2.3%
25	8,777	586	6.7%
27	6,009	288	4.8%
28	2,832	122	4.3%
51	1,565	100	6.4%
52.01	4,291	233	5.4%
52.02	5,430	352	6.5%
53	5,927	385	6.5%
SKATS Tracts	165,602	12,736	7.7%
Marion County	208,903	16,066	7.7%
Polk County	47,753	3,651	7.6%
Salem MSA	256,656	19,717	7.7%
Oregon	2,634,072	178,732	6.8%

\* Civilian noninstitutionalized persons

Source: U.S. Census Bureau, SF-3

**Occupied Housing Units With No Vehicles Available  
SKATS Area Census Tracts, Marion & Polk Counties,  
Salem MSA, and Oregon State, 1999**

<b>Census Tract/ Area</b>	<b>Total Occupied Housing Units</b>	<b>No Vehicles Available</b>	<b>% No Vehicles Available</b>
2	1,180	288	24.4%
3	1,808	357	19.7%
4	1,820	242	13.3%
5	2,659	370	13.9%
6	2,073	186	9.0%
7	1,733	315	18.2%
8	187	43	23.0%
9	2,247	282	12.6%
10	1,521	192	12.6%
11	1,903	161	8.5%
12	1,724	151	8.8%
13	1,801	108	6.0%
14	4,106	157	3.8%
15.01	1,608	155	9.6%
15.02	1,663	62	3.7%
15.03	1,753	205	11.7%
16.01	2,579	144	5.6%
16.02	2,780	251	9.0%
16.03	1,840	77	4.2%
16.04	2,610	153	5.9%
17.01	2,150	469	21.8%
17.02	1,665	131	7.9%
17.03	1,347	21	1.6%
18.01	2,152	203	9.4%
18.02	1,905	57	3.0%
18.03	1,171	90	7.7%
20	2,511	99	3.9%
21	3,601	305	8.5%
22	3,193	119	3.7%
23.01	1,095	10	0.9%
23.02	4,027	105	2.6%
24	1,095	22	2.0%
25	4,298	109	2.5%
27	2,787	75	2.7%
28	1,366	44	3.2%
51	833	109	13.1%
52.01	2,226	199	8.9%
52.02	2,826	144	5.1%
53	2,861	107	3.7%
SKATS Tracts	82,704	6,317	7.6%
Marion County	101,641	7,345	7.2%
Polk County	23,058	1,357	5.9%
Salem MSA	124,699	8,702	7.0%
Oregon	1,333,723	99,926	7.5%

Source: U.S. Census Bureau, SF-3

## 1990 and 2000 Data Comparisons

Comparative data for selected tables in this report is provided below. It is not possible to provide comparable data for 1990 with all 2000 data examined in this report due to data incompatibility for some data between the two censuses.

<b>Total and Elderly* Population for SKATS Area Census Tracts, Marion and Polk Counties, Salem MSA, and Oregon State, 1990 and 2000 Comparison</b>								
Area	1990			2000			1990-2000 % Change	
	Total Population	Population Age 65+	% Population Age 65+	Total Population	Population Age 65+	% Population Age 65+	Total Population	Population Age 65+
SKATS	171,295	24,182	14.1%	223,988	27,657	12.3%	30.8%	14.4%
Marion County	228,483	32,885	14.4%	284,834	35,217	12.4%	24.7%	7.1%
Polk County	49,541	7,397	14.9%	62,380	9,180	14.7%	25.9%	24.1%
Salem MSA	278,024	40,282	14.5%	347,214	44,397	12.8%	24.9%	10.2%
Oregon	2,842,321	391,131	13.8%	3,421,399	437,887	12.8%	20.4%	12.0%

\* Persons Age 65 and over.

<b>Persons in Households with Income Below Poverty Level* SKATS Area Census Tracts, Marion and Polk Counties, Salem MSA, and Oregon State, 1990 and 2000 Comparison</b>								
Area	1990			2000			1990-2000 % Change	
	Total Persons*	Below Poverty	% Below Poverty	Total Persons*	Below Poverty	% Below Poverty	Total Persons*	Below Poverty
SKATS	161,578	20,060	12.4%	214,993	28,248	13.1%	33.1%	40.8%
Marion County	217,645	28,638	13.2%	274,908	37,104	13.5%	26.3%	29.6%
Polk County	47,775	6,475	13.6%	60,526	6,943	11.5%	26.7%	7.2%
Salem MSA	265,420	35,113	13.2%	335,434	44,047	13.1%	26.4%	25.4%
Oregon	2,775,907	344,867	12.4%	3,347,667	388,740	11.6%	20.6%	12.7%

\*Poverty level based on 1989 and 1999 income.

<b>Linguistically Isolated Households SKATS Area Census Tracts, Marion and Polk Counties, Salem MSA, and Oregon State, 1990 and 2000 Comparison</b>								
Area	1990			2000			1990-2000 % Change	
	Total Households	Ling. Isolated	% Ling. Isolated	Total Households	Ling. Isolated	% Ling. Isolated	Total Households	Ling. Isolated
SKATS	64,890	1,088	1.7%	82,760	3,753	4.5%	27.5%	244.9%
Marion County	83,721	1,685	2.0%	101,791	5,310	5.2%	21.6%	215.1%
Polk County	18,022	231	1.3%	23,083	596	2.6%	28.1%	158.0%
Salem MSA	101,743	1,916	1.9%	124,874	5,906	4.7%	22.7%	208.2%
Oregon	1,105,362	16,274	1.5%	1,335,109	38,695	2.9%	20.8%	137.8%

\* Households with no person age 14+ who speaks English well

<b>Occupied Housing Units With No Vehicles Available SKATS Area Census Tracts, Marion and Polk Counties, Salem MSA, and Oregon State, 1990 and 2000 Comparison</b>								
Area	1990			2000			1990-2000 % Change	
	Occupied Units	No Vehicles Available	% No Vehic. Available	Occupied Units	No Vehicles Available	% No Vehic. Available	Occupied Units	No Vehicles Available
SKATS	64,695	5,088	7.9%	82,704	6,317	7.6%	27.8%	24.2%
Marion County	83,494	6,210	7.4%	101,641	7,345	7.2%	21.7%	18.3%
Polk County	18,167	992	5.5%	23,058	1,357	5.9%	26.9%	36.8%
Salem MSA	101,661	7,202	7.1%	124,699	8,702	7.0%	22.7%	20.8%
Oregon	1,103,313	88,245	8.0%	1,333,723	99,926	7.5%	20.9%	13.2%