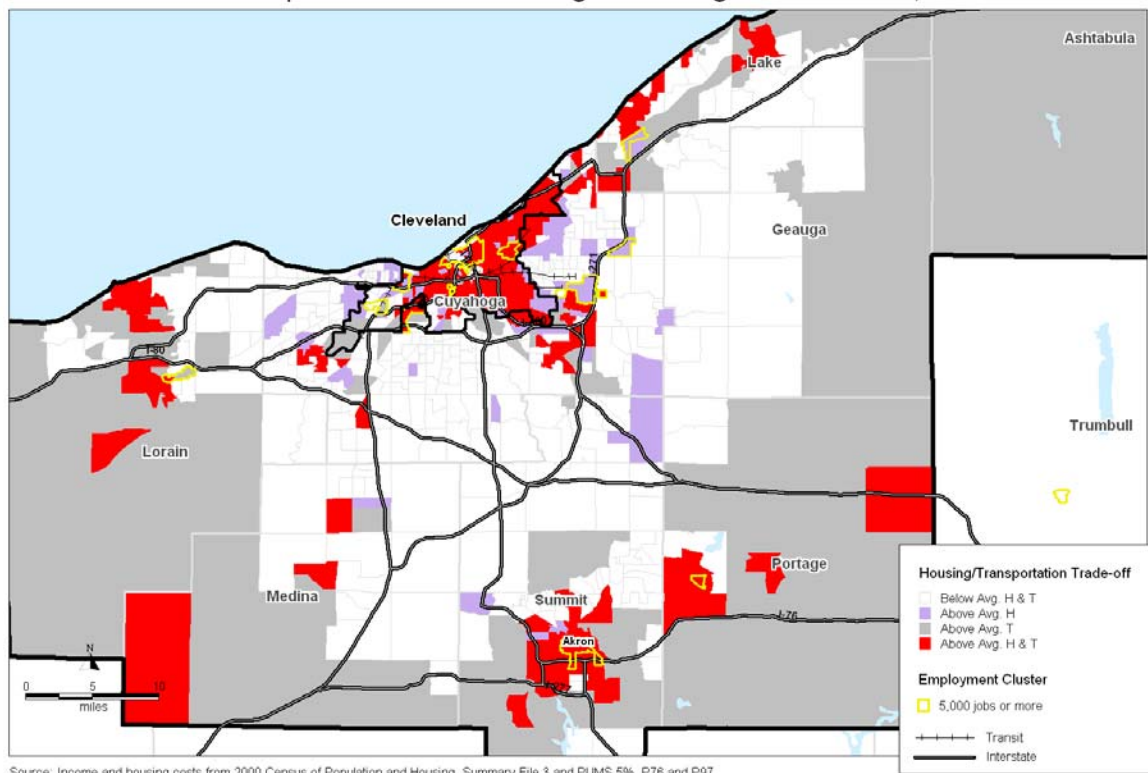


# Cleveland, OH CMSA

Profile: Cleveland, OH CMSA	
Combined Housing and Transportation Category:	Low H, High T
Housing Market:	Cool Single Family Market
Households earning 30-50% HAMFI with Severe Burden:	16%
Affordable Housing Shortage:	Low
Transportation: % Non-Auto Commute, Rail Transit System Size, 2003 Congestion:	6%, Medium Rail System
Jobs-Housing: % of Pop. living near an Employment Center (EC), % of Jobs in ECs:	14%, 20%

Cleveland: Average Household Expenditures on Housing and Transportation as a Percentage of Average Tract Income, 2000



Source: Income and housing costs from 2000 Census of Population and Housing, Summary File 3 and PUMS 5%, P76 and P97. Retrieved 2008, from <http://www.census.gov>. <http://factfinder.census.gov/servlet/BasicFactsServlet>. PUMS 5% from PDQ Software, from <http://www.pdq.com>. Transportation costs based on 2000 data from a variety of national public sources and modeled by Center for Neighborhood Technology. Cities over 100,000 persons labeled.

## Metro Summary

### Housing / Transportation Costs by Income

Of the four types of neighborhoods, Below Average Housing & Transportation cost neighborhoods have the greatest share of households in the region, 43% (Fig. 2). Households earning \$50,000 or more are the majority of households in these neighborhoods, at 57%. These households pay 23% to 38% of their income for housing and transportation (Fig. 1).

Above Average Housing & Transportation cost neighborhoods have the second greatest share of households in the region, 35% (Fig. 2). Households earning less than \$50,000 annually are the majority of households in these neighborhoods, at 78%. These households pay 43% to 105% of their income for housing and transportation (Fig 1).

Fig. 1: H+T Costs by Income by Neighborhood Type

Cleveland	Below Avg H&T (1)			Above Avg H (2)			Above Avg T (4)			Above Avg H&T (3)			Wt. Avg of Quads		
Income Category	% H	% T	% H&T	% H	% T	% H&T	% H	% T	% H&T	% H	% T	% H&T	% H	% T	% H&T
\$0-<\$20,000	52%	56%	107%	57%	47%	104%	47%	65%	113%	53%	53%	105%	52%	55%	107%
\$20,000 - <\$35,000	29%	35%	64%	29%	29%	58%	25%	40%	66%	25%	33%	58%	27%	35%	62%
\$35,000 - <\$50,000	23%	26%	48%	22%	21%	43%	20%	29%	50%	19%	24%	43%	21%	26%	47%
\$50,000 - <\$75,000	19%	19%	38%	18%	16%	34%	17%	22%	39%	15%	18%	33%	18%	19%	37%
\$75,000 - <\$100,000	16%	15%	31%	14%	12%	27%	14%	16%	30%	12%	13%	26%	15%	15%	30%
\$100,000 - <\$250,000	13%	10%	23%	12%	8%	20%	11%	11%	22%	10%	9%	19%	12%	10%	22%
<b>TOTAL</b>	<b>23%</b>	<b>19%</b>	<b>42%</b>	<b>29%</b>	<b>19%</b>	<b>48%</b>	<b>24%</b>	<b>26%</b>	<b>49%</b>	<b>32%</b>	<b>28%</b>	<b>60%</b>	<b>26%</b>	<b>22%</b>	<b>49%</b>

Fig. 2 Distribution of Households by Income by Neighborhood Type

Cleveland	Below Avg H&T (1)			Above Avg H (2)			Above Avg T (4)			Above Avg H&T (3)			TOTAL REGION	
Income Category	# of HHS	% of HHS in Quad	% in Region	# of HHS	% of HHS in Quad	% in Region	# of HHS	% of HHS in Quad	% in Region	# of HHS	% of HHS in Quad	% in Region	# of HHS	% in Region
\$0-<\$20,000	49,800	11%	5%	28,560	23%	3%	35,330	17%	3%	98,189	38%	9%	211,879	20%
\$20,000 - <\$35,000	69,926	16%	7%	27,220	22%	3%	44,471	21%	4%	62,378	24%	6%	203,995	20%
\$35,000 - <\$50,000	72,901	16%	7%	22,173	18%	2%	41,050	19%	4%	40,287	16%	4%	176,411	17%
\$50,000 - <\$75,000	105,662	24%	10%	23,275	19%	2%	51,460	24%	5%	36,158	14%	3%	216,555	21%
\$75,000 - <\$100,000	66,796	15%	6%	11,221	9%	1%	23,992	11%	2%	12,758	5%	1%	103,546	10%
\$100,000 - <\$250,000	82,658	18%	8%	12,499	10%	1%	15,916	7%	2%	8,616	3%	1%	107,190	10%
<b>ALL INCOMES</b>	<b>447,743</b>	<b>100%</b>	<b>43%</b>	<b>124,948</b>	<b>100%</b>	<b>12%</b>	<b>212,219</b>	<b>100%</b>	<b>20%</b>	<b>258,386</b>	<b>100%</b>	<b>25%</b>	<b>1,043,296</b>	<b>100%</b>

### Relationship of Affordability to Accessibility

Cleveland largely mirrors the findings for all metropolitan areas with two exceptions: jobs density is not associated with housing costs and distance to employment is not associated with transportation costs. The lack of association between employment and housing costs may be due to the low percentage of jobs clustered in employment centers in this region, 20%. (Adjusted R-Square: Housing Model, .6398, Transportation Model, .9111)

### Commuting Characteristics

Households living in Above Average Housing & Transportation neighborhoods have the shortest commute in distance by transit (5.6 miles) and in time by auto (23.1 minutes), they also share the shortest commute in distance by auto (7.4 miles) with households living in Above Average Housing neighborhoods. Above Average H&T neighborhoods have the greatest share of transit, 8%. Households in Above Average Transportation cost neighborhoods drive the farthest distances, 10.3 miles, and spend the most time by car, 23.8 minutes, and by transit, 46.0 minutes.

## Cleveland

Commuter Characteristics	Below Avg H&T	Above Avg H	Above Avg H & T	Above Avg T	All
<b>All Commuters</b>	567,370	131,629	246,849	282,541	1,228,389
% Transit	2%	7%	8%	1%	3%
Time all	23.7	24.1	24.9	24.0	24.1
Distance all	8.7	7.3	7.3	10.3	8.6
Speed All	20.9	18.5	18.2	24.0	20.8
<b>Transit Commuters</b>					
Time Transit	41.4	42.0	45.4	46.0	43.7
Distance Transit	8.9	6.6	5.6	8.1	6.8
Speed Transit	13.6	10.5	8.9	13.1	10.7
<b>Auto Commuters</b>					
Time Car	23.3	22.9	23.1	23.8	23.4
Distance Car	8.7	7.4	7.4	10.3	8.7
Speed Car	21.1	19.0	19.0	24.1	21.2

### Household Expenditures by Income and Proximity to Employment

#### Cleveland, OH CMSA

Expenditures by Income	Central City EC	Other ECs	Outside an EC
<b>\$0-&lt;\$20,000</b>			
% Income on Housing	48%	54%	53%
% Income on Transport.	40%	52%	58%
% Income on H+T	88%	106%	112%
<b>\$20,000 - &lt;\$35,000</b>			
% Income on Housing	19%	26%	28%
% Income on Transport.	22%	31%	36%
% Income on H+T	41%	58%	64%
<b>\$35,000 - &lt;\$50,000</b>			
% Income on Housing	16%	20%	21%
% Income on Transport.	14%	22%	26%
% Income on H+T	30%	43%	47%
<b>\$50,000 - &lt;\$75,000</b>			
% Income on Housing	13%	16%	17%
% Income on Transport.	9%	16%	19%
% Income on H+T	21%	32%	36%
<b>\$75,000 - &lt;\$100,000</b>			
% Income on Housing	9%	13%	14%
% Income on Transport.	4%	12%	14%
% Income on H+T	13%	25%	28%
<b>\$100,000 - &lt;\$250,000</b>			
% Income on Housing	8%	10%	11%
% Income on Transport.	2%	7%	9%
% Income on H+T	10%	17%	20%
<b>Average of All Incomes</b>			
% Income on Housing	29%	30%	26%
% Income on Transport.	27%	25%	23%
% Income on H+T	56%	55%	49%
Owner Median Income	\$19,754	\$46,242	\$51,805
Renter Median Income	\$12,733	\$24,019	\$30,178
Median Income	\$14,736	\$35,247	\$45,074