

Appendix O. Methodology for ADA Projections

Forecast of the Disabled Population

The baseline for the disabled population forecasts is drawn from 2000 Census data for those cities in the seven-county metropolitan area that had ADA transportation services in 2000. The Census data provide information on the size of the disabled population relative to the total population. Using 2000 Census data, 14 percent of the total population is classified as the disabled population for the purposes of this study.

To estimate the number of persons with disabilities in the metro area, this percent was applied to the Council estimated 2020 and 2030 growth rates and forecasts for the seven-county metro area. These numbers were used in the low-end projections. Calculations were also made using Council disabled projections based on the impact of shifting age composition. These numbers were used in the high-end projections.

Note: The methodology used for the ADA projections was the same methodology used in the *Metropolitan Council's Americans with Disabilities Act (ADA)/Specialized Transportation Services (STS) Needs Assessment*, March 1999.

POPULATION AND ADA CERTIFIED PROJECTIONS

LOW-END PROJECTIONS

HIGH-END PROJECTIONS

	ACTUAL 2000 Census	PROJECTIONS			ACTUAL 2000 Census	PROJECTIONS		
		2010	2020	2030		2010	2020	2030
DISABLED POPULATION								
Total Population								
2000 Census	2,642,056				2,642,056			
Council Projections		3,005,270	3,334,160	3,607,660		3,005,270	3,334,160	3,607,660
Disabled Population								
2000 Census	375,076				375,076			
As a % of Total Population	14.2%				14.2%			
Disabled Population Projections								
14.2% of Total Population		426,639	473,330	512,157		426,639	473,330	512,157
Projection Factored for Age		453,796	583,478	721,532		453,796	583,478	721,532
Basis for Ridership Projections	14.2%	426,639	473,330	512,157	Factored for Age	453,796	583,478	721,532
TOTAL CERTIFIED FOR ADA								
Individuals Certified to Use ADA								
Total 2002 Individuals	28,000				28,000			
As % of 2000 Disabled Population	7.5%				7.5%			
Projections of Total Certified Individuals								
5% of Disabled Population		21,332	23,666	25,608		21,332	23,666	25,608
10% of Disabled Population		42,664	47,333	51,216		42,664	47,333	51,216
Basis for Ridership Projections	7.5%	31,998	35,500	38,412	7.5%	33,877	43,558	53,863
ACTIVE CERTIFIED FOR ADA								
Active Individuals Certified to Use ADA								
Number of 2003 Active Individuals	14,000				14,000			
As a % of 2000 Disabled Population	3.7%				3.7%			
As a % of 2002 Total Certified for ADA	50.0%				50.0%			
Projections of Active Certified Individuals								
3% of Disabled Population		12,799	14,200	15,365		12,799	14,200	15,365
5% of Disabled Population		21,332	23,666	25,608		21,332	23,666	25,608
Basis for Ridership Projections	3.7%	15,786	17,513	18,950	3.7%	16,938	21,779	26,932

ADA RIDERSHIP AND FLEET PROJECTIONS

LOW-END DEMAND

HIGH-END DEMAND

	ACTUAL	PROJECTIONS			ACTUAL	PROJECTIONS		
	2002	2010	2020	2030	2002	2010	2020	2030
ANNUAL RIDERSHIP								
2002 ADA Actual								
Total Annual Ride Demand	1,337,604				1,337,604			
2000 Disabled Population	375,076				375,076			
Annual Demand Per Capita	3.57				3.57			
Ridership Projections								
Ride Demand								
3.00 Demand per Capita (Disabled Population)		1,279,918	1,419,989	1,536,470		1,361,387	1,750,434	2,164,596
4.00 Demand per Capita (Disabled Population)		1,706,557	1,893,319	2,048,627		1,815,183	2,333,912	2,886,128
	3.57	1,523,102	1,689,787	1,828,399	3.57	1,620,051	2,083,016	2,575,869
FLEET SIZE								
2002 ADA Actual								
2002 Fleet Size	309				309			
Total Annual Passengers	1,313,953				1,313,953			
Passengers per Vehicle	4,252				4,252			
Fleet Size Estimates								
Projected Fleet Size								
4,000 Passengers per Vehicle		381	422	457		405	521	644
5,000 Passengers per Vehicle		305	338	366		324	417	515
Basis for Ridership and Resource Projections	4,500	338	376	406	4,500	360	463	572