



Appendix M

Travel Demand Projections

Research commissioned by the Metropolitan Transportation Commission (MTC) in the San Francisco Bay Area provides a model for estimating the percentage of each age cohort that is likely to be ADA paratransit eligible. These are reflected in the Table M.1.

These percentages, when applied to Puget Sound population data, suggest a 13.6% increase in ADA paratransit registrants in the 3-county area. This is not a rigorous paratransit demand model and has not incorporated ancillary considerations such as trends towards community-based living; expansion of adult day programs; health care restructuring; social policies; and changes to services standards or other operational policies.

Table M.1: Percentage of Age Cohort Likely to be ADA Eligible

Age	% ADA Eligible
0-19	0.10%
20-34	0.20%
35-49	0.50%
50-64	1.30%
65-74	3.90%
75-84	11.00%
85+	28.40%

Table M.2: ADA Registrants and Projected Registrants

Number of ADA Registrants 2003	44,580
Projected ADA registrants 2010	50,640
Percent Increase in Registrants	13.6%

There were approximately 2.5 million ADA paratransit trips provided by Pierce, King, Community and Everett Transit in 2004. Approximately 150,000 involved interagency transfers. Based on current trip generation rates, the total number of ADA paratransit trips is projected to increase by close to 15 percent to 2.89 million by 2010. During this same period, the total number of interagency ADA paratransit transfers is projected to increase by close to 14 percent to approximately 171,000.

Transportation demand models are not readily available for other special needs transportation providers including Medicaid, social/human service agencies, senior programs, faith based organizations, and schools trips. However, for the purpose of estimating trip demand in the region, this plan assumes the same growth rate as the ADA paratransit trips.

Based on projected trip generation rates and growth of approximately 15%, this translates to approximately 275.8 million publicly funded trips by the year 2010, from the current trip volume of about 239.8 million trips a year.

Table M.3: Projected Trip Volume Increase

Mode of Transportation	2004	Projections for 2010
Fixed Route Transit	125,051,105	143,808,770
Transit ADA Service	2,515,432	2,892,746
Transit Van Pools	2,960,966	3,405,110
Schools	86,113,892	99,030,975
Medicaid	1,206,387	1,387,345
Washington State Ferries	21,164,238	24,338,873
Human Service Agencies	870,000	1,000,500
TOTAL	239,882,020	275,864,319