

**Washington/Baltimore
Air System Planning Region
Airport Ground Access Forecast Update**

July 2005

**National Capital Region Transportation Planning Board
Metropolitan Washington Council of Governments**

ABSTRACT FORM

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The Metropolitan Washington Council of Governments is the regional organization of the Washington area's major local governments and their governing officials. COG works toward solutions to such regional problems as growth, transportation, inadequate housing, air pollution, water supply, water quality, economic development and noise, and serves as the regional planning organization for metropolitan Washington.

ABSTRACT:

This report presents updated regional air passenger ground access forecasts for the three commercial airports in the Washington / Baltimore region and documents the methodology used to produce these forecasts. Forecasts are by 160 local area Aviation Analysis Zones (AAZ) and detailed by major ground access mode to each airport for the period from 2000 to 2030.

SUBJECT:

Airport Ground Access Forecast Update

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TABLE OF CONTENTS

	<i>Page</i>
1. Introduction.....	1
2. Study Area	1
3. Review and Redesign of the Aviation Analysis Zone System for the Air System Planning Region	4
4. Air Passenger Ground Access Trip Forecasting Methodology.....	10
5. Conversion of 2000 Air Passenger Survey Data to Average Weekday Air Passenger Ground Access Trips	11
6. Summarization of Base Year Air Passenger Ground Access Trips by Resident Status and Area Type	11
7. Summarization of Land Activity Data for 2000 Base Year and Forecast Years.....	14
8. Calculate Air Passenger Ground Access Trip Generation Factors	14
9. Calculate Air Passenger Ground Access Trips for 2000 Base Year and Forecast Years.....	15
10. Summarize 2000 Base Year Air Passenger Ground Access Trips By Mode of Arrival.....	16
11. Calculate Air Passenger Ground Access Trips by Mode for 2000 Base Year and Forecast Years.....	17
12. Summary and Conclusion	21

APPENDICIES

Appendix A: Average Weekday Air Passenger Ground Access Trips by Airport 2000 - 2030

Appendix B: Average Weekday Air Passenger Ground Access Trips
BWI Airport 2000-2030

Appendix C: Average Weekday Air Passenger Ground Access Trips
DCA Airport 2000-2030

Appendix D: Average Weekday Air Passenger Ground Access Trips
IAD Airport 2000-2030

LIST OF TABLES

	<i>Page</i>	
Table 1	Average Weekday Air Passenger Ground Access Trips By Resident Status and Trip Origin.....	13
Table 2	Washington/Baltimore Region Household and Employment Forecast	14
Table 3	Average Weekday Air Passenger Ground Access Trips	16
Table 4	Average Weekday Air Passenger Ground Access Trips by Mode 2000 – 2030 (BWI, DCA, IAD Airports)	19

LIST OF FIGURES

	<i>Page</i>	
Figure 1:	The Washington-Baltimore Region Air Passenger Ground Access Forecast Update Study Area	3
Figure 2:	The Washington-Baltimore Planning Region Revised Aviation Analysis Zone System Boundary (Washington, D.C., Arlington, City of Alexandria and Downtown Silver Spring).....	6
Figure 3:	The Washington-Baltimore Planning Region Revised Aviation Analysis Zone System Boundary (Fairfax, Prince William, Prince Georges and South Loudoun County)	7
Figure 4:	The Washington-Baltimore Planning Region Revised Aviation Analysis Zone System Boundary (Baltimore City, South Baltimore County, North Howard County and North Anne Arundel County)	8
Figure 5:	The Washington-Baltimore Planning Region Revised Aviation Analysis Zone System Boundary	9
Figure 6:	Average Weekday Air Passenger Ground Access Trips Mod Shares by Airport, 2000 and 2030.....	20

Introduction

The transportation linkage between airports and local activities is a critical and often overlooked component of the airport system. Choice of airport and even the decision to fly are clearly linked to the quality, cost and travel time associated with the ground journey to the airport. The goal of the Continuous Airport System Planning (CASP) program is to provide a process and products that support the planning, development and operation of airport and airport-serving facilities in a systematic framework for the Washington-Baltimore region.

The update of forecast air passenger ground access trips to the region's three commercial airports is an important step in the airport system planning process.¹ This report documents the CASP 19 Update of Ground Access Forecasts for Washington/Baltimore Air Systems Planning region and the methodology used to update these forecasts. Detailed forecasts of average weekday local originating air passenger ground access trips from 160 local area Aviation Analysis Zones (AAZ) to each of the region's three commercial airports are presented in Appendix A of this report. Air passenger ground access trip forecasts are shown for the 2000 to 2030 forecast period by 5-year intervals. In Appendices B through D these forecasts are further broken out by major ground access mode for each local AAZ to Airport origin-destination pair. These ground access forecasts will be used as inputs for the triennial update of the National Capital Region Transportation Planning Board's (TPB) Constrained Long Range Plan and as the basis for revising the Ground Access Element of the CASP Regional Airport System Plan.

Study Area

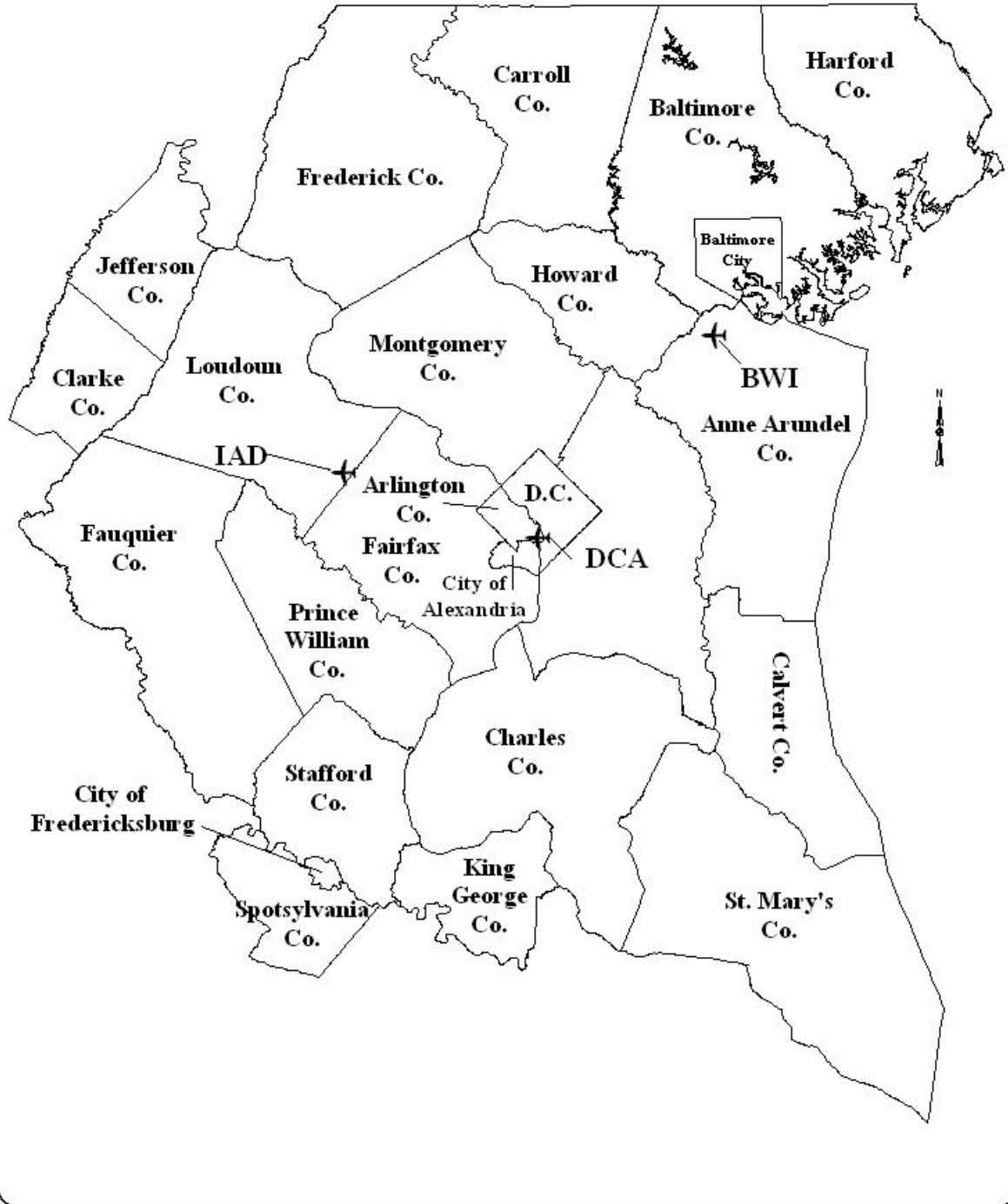
The Washington/Baltimore Air System Planning Region is larger than the combined areas that are normally within the Metropolitan Washington Council of Governments and Baltimore Metropolitan Council's purview. This combined area stretches from Harford County, Maryland, on the Susquehanna River to the north to Spotsylvania County, Virginia, in the south, and from the Chesapeake Bay in the east to the foothills of the Appalachian Mountains in the west. Figure

¹ Airport ground access trips are made up of four major groups. These are (1) locally originating air passengers, (2) airport employees, (3) airport visitors, and (4) air cargo carriers. Air passenger trips typically account one-half of all airport ground access trips. Forecasts of other types of airport ground access trips are already included in the standard TPB travel demand modeling of auto, transit and truck trips in the region.

1 shows the jurisdictions that make up this region and depicts the location of the region's three commercial airports [Baltimore/Washington International Airport (BWI), Ronald Reagan Washington National Airport (DCA), and Washington Dulles International Airport (IAD)]. In 2000, approximately 90% of locally originating air passengers flying out of one of the region's three airports began their ground access trip to the airport from a location within the boundaries of this Air System Planning Region. The other 10% of the locally originating air passengers came from areas beyond the borders of this region.

A locally originating air passenger is defined as air traveler beginning his or her air travel on a flight departing from one of the region's three airports. This definition excludes air travelers who are just connecting to another flight at one of the region's airport, but includes air travelers who are not residents of the Washington/Baltimore region who are making a return air trip home from a business or vacation trip to the Washington/Baltimore region. Thus, local originating air passengers can be either residents or non-residents of the Washington/Baltimore region. In fact, the results of the 2000 Washington/Baltimore Regional Air Passenger Survey showed that approximately 60% of all locally originating air passengers were non-residents who began their ground access trip to the airport from a hotel/motel, place of business, a private residence or other location in the Air Systems Planning region.

Figure 1
Washington / Baltimore Planning Region
Air Passenger Ground Access Forecast Update
Study Area



Review and Redesign of the Aviation Analysis Zone System for the Air Systems Planning Region

The spatial distribution of the locations where local originating air passengers begin their trips to the region's airports varies significantly between residents and non-residents. Approximately 85% of area residents begin their ground access trip to the airport from a private residence, typically in a suburban residential neighborhood. Only about a third of locally originating non-resident air passengers begin their trip to the airport from such a location. Non-residents are much more likely to begin their trip to the airport from a hotel/motel or place of business located in a commercial area. These differences in starting locations between residents and non-residents have an important impact the type of airport ground access modes available and the air passenger's choice of which of the available modes to use. To more precisely estimate and forecast air passenger ground access trips by mode in the Air Systems Planning region, a review of the existing Aviation Analysis Zone (AAZ) system was performed as part of this Airport Ground Access Forecast study.

Prior to this study, the AAZ system for the Washington / Baltimore region had remained largely unchanged since the mid-1980s when it had been originally developed. In this prior AAZ system the Air Systems Planning region was divided into 83 AAZs. These 83 AAZs were very large geographic aggregations of Transportation Analysis Districts from a prior TPB travel demand modeling system that is no longer in use. These AAZs, because of their size and the way they had been developed, were very coarse and in many cases combined diverse residential and commercial areas within single AAZs. To better estimate and forecast air passenger ground access trips for this study, staff used data from the 2000 Regional Air Passenger Survey and the latest land activity forecasts developed by the Metropolitan Washington Council of Governments (COG) and the Baltimore Metropolitan Council (BMC) to completely redesign the AAZ system for the Washington/Baltimore Air Systems Planning Region.

Based on the geocoded starting locations of airport ground access trips from the 2000 Air Passenger Survey and land activity data by small area transportation analysis zones (TAZs) from

COG and BMC, a new AAZ system for the Air System Planning Region was developed. This new AAZ system consists of 160 internal AAZs (Figures 2 through 5) and 7 external AAZs. The internal AAZs for this new system were specifically designed with varying sizes to identify smaller geographic areas with large concentrations of air passenger ground access trip origins, especially those areas with large concentrations of non-resident ground access trips. Intensity of land activity was also another criteria used in developing the new AAZ system. COG's and BMC's geographic identification of regional activity clusters were also used in a generalized way to carve out smaller AAZs from the previous AAZ system. Larger AAZ still remain in the new AAZ system in areas where the predominant land use type is lower density residential development.

Figure 2
Washington /Baltimore Planning Region
Revised Aviation Analysis Zone System Boundary

(Washington, D.C., Arlington County, City of Alexandria, and Downtown Silver Spring)

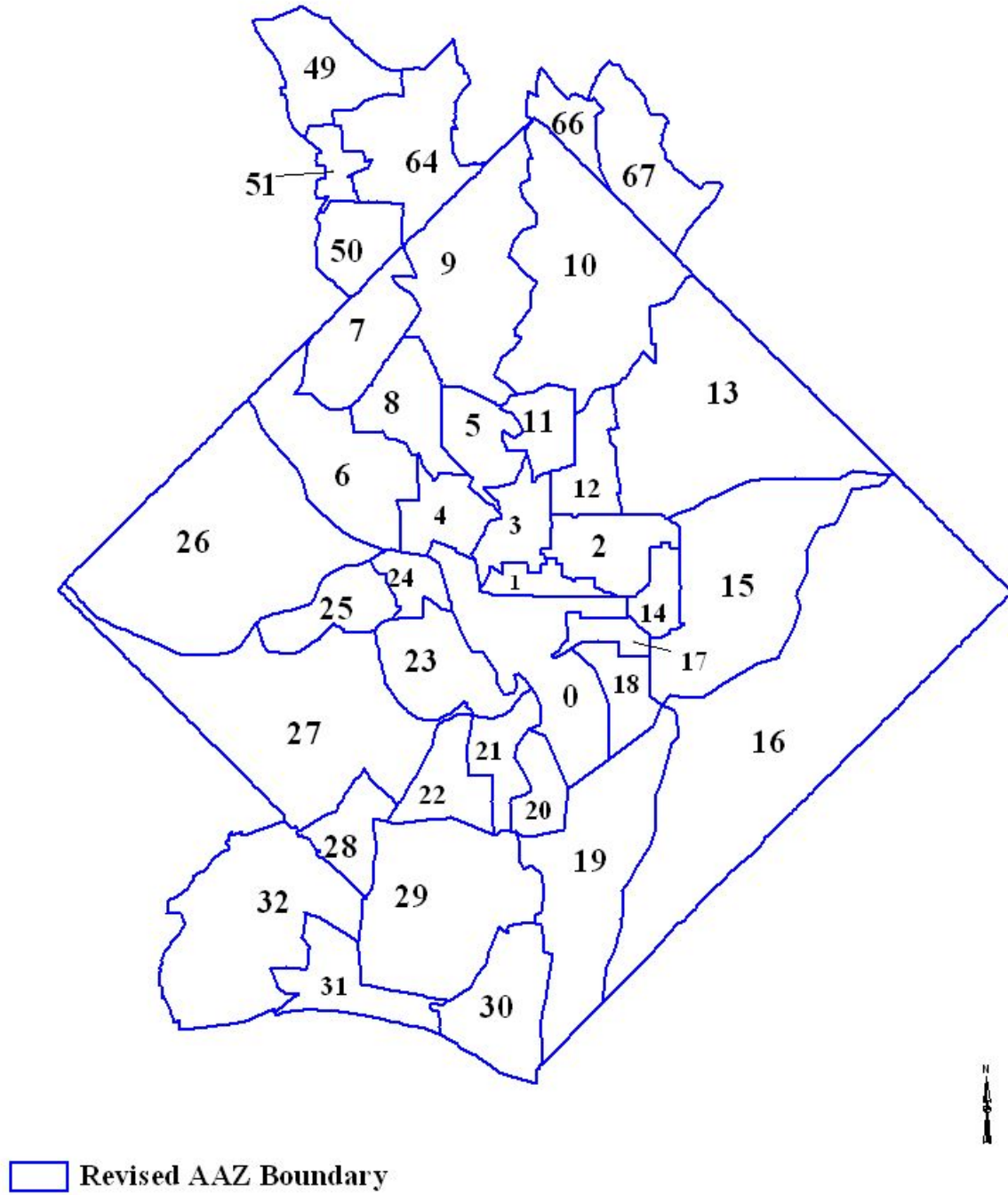
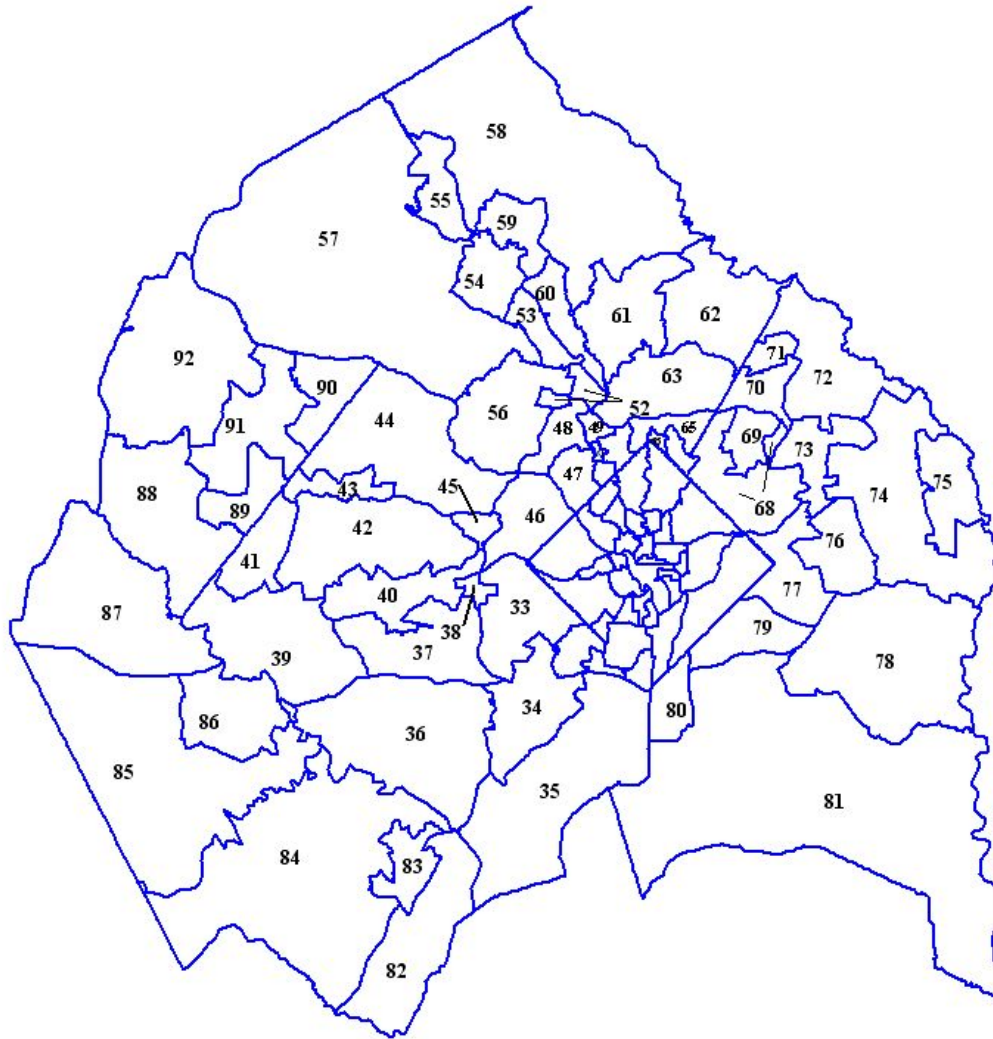


Figure 3
Washington /Baltimore Planning Region
Revised Aviation Analysis Zone System Boundary

(Washington, D.C., Arlington County,
City of Alexandria, Montgomery County
Fairfax County, Prince William County Prince George's County and South Loudoun County)



 Revised AAZ Boundary

Figure 4
Washington /Baltimore Planning Region
Revised Aviation Analysis Zone System Boundary

(Baltimore City, South Baltimore County,
North Howard County and North Anne Arundel County)

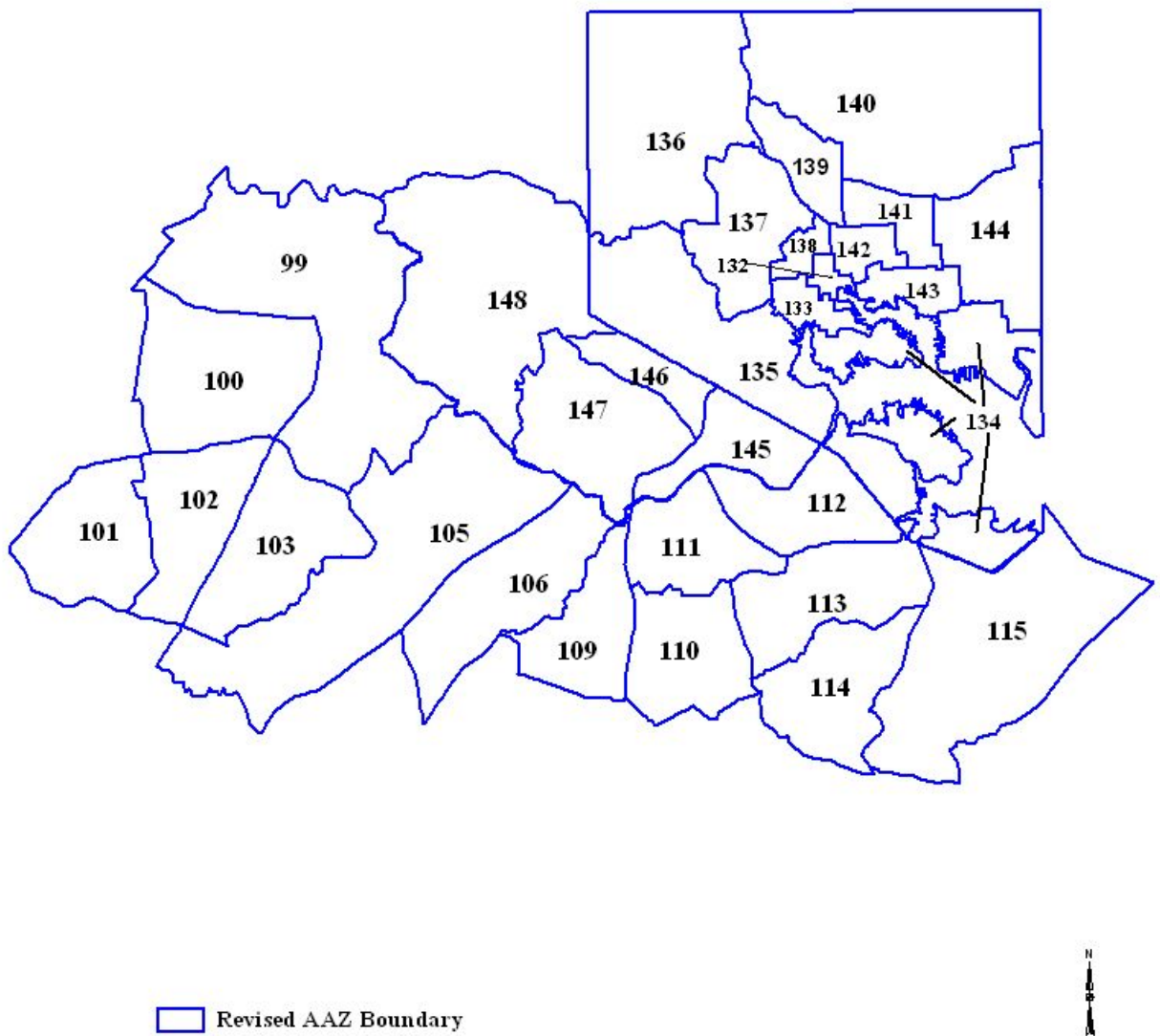
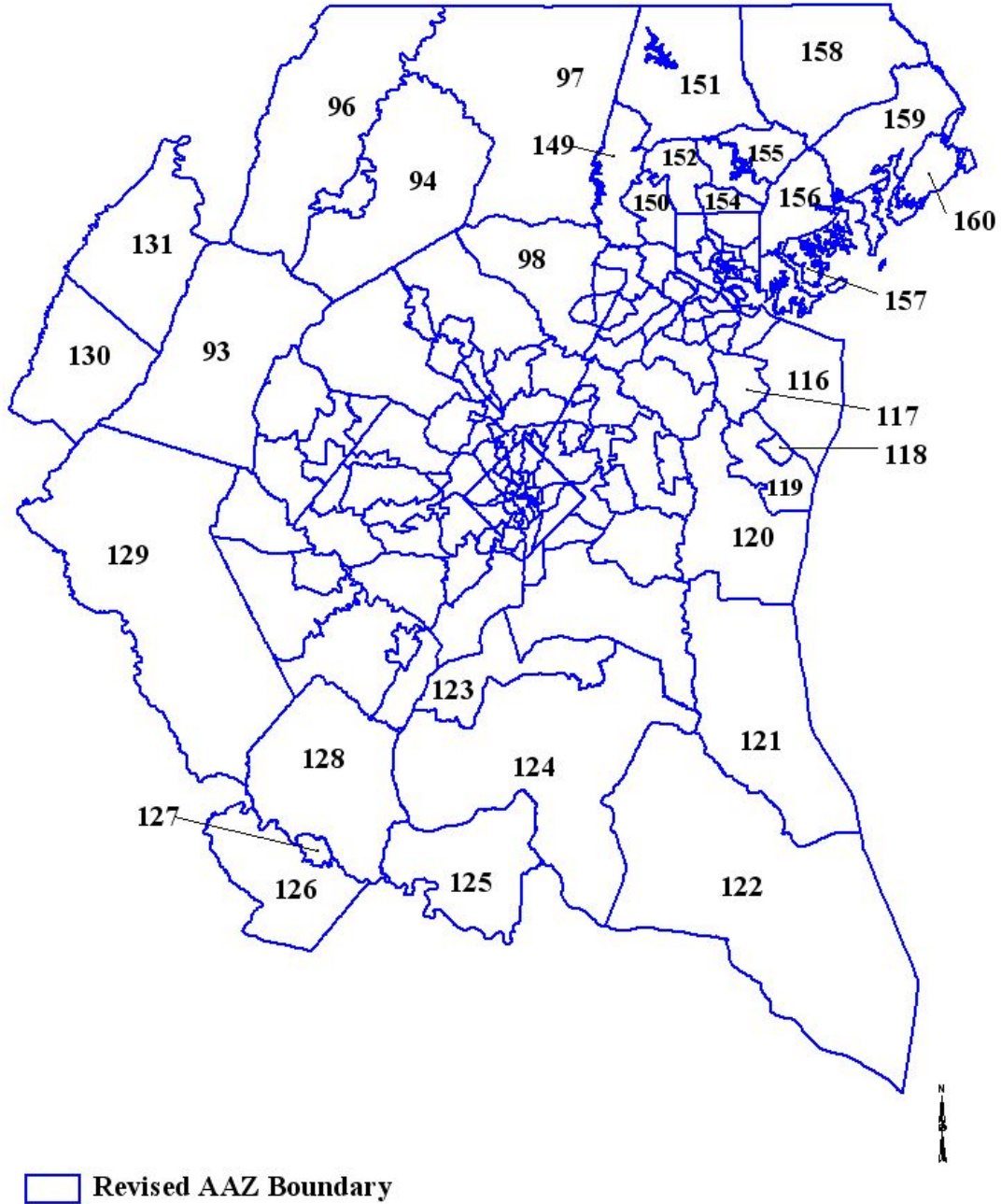


Figure 5
Washington /Baltimore Planning Region
Revised Aviation Analysis Zone System Boundary



Air Passenger Ground Access Trip Forecasting Methodology

The update of air passenger ground access forecasts for Washington/Baltimore Air Systems Planning region was accomplished in a series of steps. These steps were:

- ❑ Convert base year 2000 annual air passenger trips from Regional Air Passenger Survey to average weekday air passenger ground access trips.
- ❑ Summarize base year 2000 average weekday air passenger ground access trips by residential (home based) / non-residential (non-home based) trip origin type and area resident/non-resident status for each airport-new AAZ pair.²
- ❑ Summarize household and employment land activity data by new AAZ base year 2000 and all forecast years (2005, 2010, 2015, 2020 and 2030).
- ❑ Calculate base year 2000 air passenger ground access trip generation factors by home/non-home trip origin type and area resident/non-resident status for each airport-new AAZ pair.
- ❑ Calculate average weekday airport air passenger ground access trips to each airport for 2000 base year and all forecast years.
- ❑ Summarize base year 2000 weekday ground access trips by mode of arrival for each airport-new-AAZ-trip origin area type-resident-status classification.
- ❑ Calculate average weekday airport ground access trips by mode of arrival 2000 base year and all forecast years.
- ❑ Adjust 2015, 2020, 2025 and 2030 average weekday air passenger ground access trips by mode of arrival for IAD and DCA airports to account for the Dulles Metrorail line extension opening in 2015.

² In the context of air passenger ground access trips, a home-based trip refers to any airport ground access trip that begins at a private residence. For example, an airport ground access trip by a non-resident that begins at the home of friend or family member who lives in this region is considered to be a home-based trip, even though this starting location is not technically the “home” of the non-resident air passenger.

Conversion of 2000 Air Passenger Survey Data to Average Weekday Air Passenger Ground Access Trips

The first step in the update of airport ground access trips was the conversion of annual air passenger trips from the 2000 Washington/Baltimore Regional Air Passenger Survey to average weekday figures. This was accomplished by (1) slightly adjusting the annual passenger survey weights to exactly match the year 2000 Federal Aviation Administration (FAA) Terminal Area Forecast (TAF) enplanements for each airport, (2) selecting only the survey records for local originating air passengers making an airport ground access trips on a weekday and (3) dividing the adjusted annual survey weights for each air passenger trip record using the following formula:

$$\text{Average Weekday Air Passenger Ground Access Trips} = \frac{\text{Annual Weekday Ground Access Trips}}{260}$$

Summarization of Base Year Air Passenger Ground Access Trips by Resident Status and Area Type

The next step in the process was to summarize the average weekday ground access trip data for each airport (BWI, DCA, IAD) by trip origin type and resident status for each new AAZ in the Air Systems Planning Region. Ground access trip data for all external AAZs were summarized into a single combined external AAZ record. The weekday ground access data were summarized into two trip origin types (home-based, non-home based) and two resident status types (resident, non-resident). Thus, this processing summarized the ground access trip data into four categories for each Airport-AAZ pair. These categories were:

- (1) Resident Status=Resident, Origin Type=Home-based*
- (2) Resident Status=Resident, Origin Type=Non-home based*
- (3) Resident Status=Non-Resident, Origin Type=Home-based*
- (4) Resident Status=Non-Resident, Origin Type=Non-home based*

The database produced by this summarization had a total of 1932 cells (3-airports x 161 AAZs x 4 Resident Status/Origin Type categories). Table 1 shows average weekday airport ground access trips for the entire Air Systems Planning Region summarized by these four categories.

Table 1
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Air Passenger Ground Access Trips
by Resident Status and Trip Origin
(Internal AAZ's Only)

BWI					
Forecast Year	Resident		Non-Resident		Total
	Home-based	Non-Home based	Home-based	Non-Home based	
2000	8,956	1,692	3,546	6,540	20,734
2005	9,979	1,895	3,966	7,183	23,024
2010	13,825	2,620	5,478	9,848	31,770
2015	16,580	3,164	6,578	11,800	38,121
2020	18,569	3,623	7,385	13,288	42,864
2025	19,638	3,920	7,841	14,258	45,658
2030	20,840	4,169	8,340	15,114	48,463

DCA					
Forecast Year	Resident		Non-Resident		Total
	Home-based	Non-Home based	Home-based	Non-Home based	
2000	5,854	1,522	1,953	10,857	20,186
2005	5,747	1,493	1,943	10,505	19,688
2010	6,555	1,710	2,223	12,053	22,541
2015	6,858	1,796	2,332	12,714	23,700
2020	7,177	1,907	2,435	13,341	24,860
2025	7,445	2,045	2,530	13,989	26,009
2030	7,757	2,182	2,636	14,603	27,177

IAD					
Forecast Year	Resident		Non-Resident		Total
	Home-based	Non-Home based	Home-based	Non-Home based	
2000	7,256	1,069	2,179	4,370	14,875
2005	7,485	1,083	2,185	4,522	15,274
2010	11,473	1,648	3,266	7,049	23,436
2015	15,858	2,249	4,429	9,891	32,427
2020	19,041	2,722	5,316	12,182	39,260
2025	20,731	3,028	5,839	13,745	43,344
2030	23,021	3,424	6,526	15,731	48,702

All Airports					
Forecast Year	Resident		Non-Resident		Total
	Home-based	Non-Home based	Home-based	Non-Home based	
2000	22,066	4,283	7,678	21,767	55,795
2005	23,211	4,471	8,093	22,211	57,986
2010	31,853	5,978	10,967	28,950	77,747
2015	39,296	7,209	13,338	34,405	94,248
2020	44,786	8,251	15,136	38,811	106,984
2025	47,815	8,994	16,210	41,992	115,011
2030	51,618	9,774	17,502	45,448	124,342

Summarization of Land Activity Data for 2000 Base Year and Forecast Years

Base year household and employment land activity data for 2000 and household and employment forecasts for 2005, 2010, 2015, 2020 and 2030 by small area TAZs were obtained from COG and BMC. The COG data were the Round 6.4a Cooperative Forecasts and BMC data were their Round 6D land activity forecasts. These TAZ-level data were aggregated to the internal AAZs shown in Figures 2 through 5.

Table 2 shows the combined MWCOG and BMC land activity forecasts summarized for the entire Air Systems Planning Region.

Table 2
Washington / Baltimore Region
Household and Employment Forecast

Forecast		
Year	Households	Employment
2000	2,801,075	4,456,896
2005	3,037,510	4,836,339
2010	3,255,278	5,223,262
2015	3,442,719	5,522,553
2020	3,578,664	5,822,494
2025	3,689,655	6,105,383
2030	3,774,418	6,307,615

Calculate Air Passenger Ground Access Trip Generation Factors

Once the air passenger ground access trip and land activity data had been summarized, trip generation factors were calculated for each Airport/AAZ/trip origin type/resident-status classification using the following formulae:

A. Resident Home-based Trip Origin factor for Airport_(A) AAZ_(X) =

$$\text{Resident Home-based Trip Origin Factor} = \frac{\text{Total Resident Home-based Trip Origin Trips (AAZ}_X\text{)}_{(\text{Year } 2000)}}{\text{Total Households (AAZ}_X\text{)}_{(\text{Year } 2000)}}$$

B. Resident Non-home based Trip Origin factor for Airport_(A) AAZ_(X) =

$$\begin{array}{l} \text{Resident} \\ \text{Non-home based} \\ \text{Factor} \end{array} = \frac{\text{Total Resident Non-home based Trip Origin Trips (AAZ}_X) \text{ (Year 2000)}}{\text{Total Employment (AAZ}_X) \text{ (Year 2000)}}$$

C. Non-Resident Home-based Trip Origin factor for Airport_(A) AAZ_(X) =

$$\begin{array}{l} \text{Non-Resident} \\ \text{Home-based} \\ \text{Factor} \end{array} = \frac{\text{Total Non-Resident Home based Trip Origin Trips (AAZ}_X) \text{ (Year 2000)}}{\text{Total Households (AAZ}_X) \text{ (Year 2000)}}$$

D. Non-Resident Non-Home based Trip Origin factor for Airport_(A) AAZ_(X) =

$$\begin{array}{l} \text{Non-Resident} \\ \text{Non-Home based} \\ \text{Factor} \end{array} = \frac{\text{Total Non-Resident Non-home based Trip Origin Trips (AAZ}_X) \text{ (Year 2000)}}{\text{Total Employment (AAZ}_X \text{ Year 2000)}}$$

Calculate Air Passenger Ground Access Trips for 2000 Base Year and Forecast Years

Ground access trips for 2000, 2005, 2010, 2015, 2020, 2025 and 2030 were calculated by multiplying base year and forecast year household and employment data by the appropriate trip generation factors and adjusting the resultant product to be consistent with local air passenger originations estimated from approved TAF totals for each airport. For each airport-AAZ combination, (1) air passenger ground access trips by residents with home-based trip origin types were calculated by multiplying AAZ households by the resident home-based trip origin trip generation factor, (2) air passenger ground access trips by residents with non-home-based trip origin types were calculated by multiplying AAZ employment by the resident non-home based trip origin trip generation factor, (3) air passenger ground access trips by non-residents with home based trip origin types were calculated by multiplying AAZ households by the non-resident home-based trip origin trip generation factor, (4) air passenger ground access trips by non-residents with non-home based origin types were calculated by multiplying AAZ employment by the non-resident non-home based trip origin trip generation factor. The resultant products for each AAZ-origin type-resident-status classification were then summed by airport-AAZ pair and totaled for each airport. This total was then divided by a previously determined TAF control total for local passenger originations at that that airport to obtain a TAF adjustment factor. This adjustment factor was then applied to all airport-AAZ pairs to ensure that the sum of

the calculated ground access trips by AAZ for that airport would be completely consistent with the approved TAF.

Table 3 shows calculated 2000 to 2030 air passenger ground access trips totals by airport for the entire Air Systems Planning Region. Detailed 2000 to 2030 average weekday air passenger ground access trips by AAZ are presented in Appendix A

Table 3
Washington / Baltimore Region
Airport Ground Access Forecast
Average Weekday Air Passenger Ground Access Trips

Forecast Year	Airports			Total
	BWI	DCA	IAD	
2000	24,421	20,645	16,545	61,611
2005	27,117	20,135	16,988	64,240
2010	37,420	23,054	26,067	86,541
2015	44,901	24,239	36,066	105,206
2020	50,484	25,425	43,665	119,574
2025	53,775	26,601	48,252	128,628
2030	57,079	27,794	54,168	139,041

Summarize 2000 Base Year Air Passenger Ground Access Trips by Mode of Arrival

The next step in the process was to summarize the average weekday ground access trip data from the 2000 Air Passenger survey by mode of arrival for each Airport-AAZ pair by trip origin type and resident status. The ground access trip data were summarized into four major arrival modes as follows:

- Auto = Private Car, Rental Car and Taxi
- Transit = Metrorail , Amtrak/MARC/VRE and Light Rail
- Airport Transit = Airport Bus/Limo and Hotel/Motel Courtesy
- Other = Charter Bus, Employer Shuttle, and All Other

The auto mode of arrival was further split into two sub-categories:

- Auto Driver
- Auto Passenger

The split of auto ground access trips into auto driver and auto passenger trips was determined from the air passenger survey question that asked for the total number of household members, friends, or business associates that traveled with the surveyed air passenger to the airport. From this question the total vehicle occupancy of air passengers arriving at the airport by private or rental cars could be determined. The reciprocal of this number yields the proportion of air passengers who were likely auto drivers. The complement of this reciprocal yields the proportion of air passengers who were likely auto passengers. Multiplying the survey record weights by these proportions produces estimates of the number of air passenger who were auto drivers and the number of air passengers who were auto passengers for these auto ground access trips. Air passengers arriving at the airport by taxi are by definition auto passengers.

Once the ground access mode of arrival trip data had been summarized modal shares for Auto Driver, Auto Passenger, Transit, Airport Transit and Other arrival modes were calculated for each Airport/AAZ/trip origin type/resident status classification.

Calculate Air Passenger Ground Access Trips by Mode of for 2000 Base Year and Forecast Years

Air passenger ground access trips to BWI airport by mode of arrival for 2000, 2005, 2010, 2015, 2020, 2025 and 2030 were estimated by multiplying respective year ground access trips for each BWI-AAZ/trip origin type/resident status classification by the base year modal shares for that classification.

Air passenger ground access trips to DCA and IAD airports by mode of arrival for 2000, 2005, and 2010 were estimated in the same way as was done for BWI airport. For forecast year 2015 and beyond, however, initial estimates of ground access trips by mode of arrival were further adjusted to take into account the opening of the Dulles Metrorail line in 2015.

The adjustment for IAD was made by taking the 2015 Metrorail air passenger ridership projection from the Dulles Extension FEIS Patronage Forecast Report (November 2004) for the Dulles Airport station and allocating this air passenger-related ridership to selected AAZs in the Air System Planning region. This allocation was based upon an examination of the air passenger ground access trips by Metrorail to DCA in 2000, the characteristics of the AAZs from which these DCA Metrorail ground access trips were made, and the modal share of each ground access mode to DCA from these AAZs. No independent mode choice modeling was done and much judgment was used in allocating the FEIS Metrorail ridership projection to individual AAZs and adjusting the other ground access modal share percentages from these AAZs to IAD accordingly. These adjusted modal shares were then applied to total ground access trips to IAD by AAZ for 2015, 2020, 2025 and 2030 to obtain final adjusted estimates of ground access trips by mode for these forecast years.

Adjustments to initial estimates of DCA air passenger ground access trips to take into account the expected opening of the Dulles Extension in 2015 were fairly limited in geographic scope because the Vienna Metrorail line and other lines throughout the region already well serve DCA. Thus, adjustments to modal shares were only made for a few select AAZs in the Tysons/Dulles Corridor (AAZs 43, 44, 45, 89, 91 and 92). Again, no mode choice modeling was done and much judgment was used in making these adjustments. These adjusted modal shares were then applied to total air passenger trips to DCA from these selected AAZ's for 2015, 2020, 2025 and 2030 to obtain final adjusted estimates of ground access trips by mode for these forecast years.

Table 4 shows estimated 2000 to 2030 air passenger ground access trips totals by mode of arrival for the entire Air Systems Planning Region. Detailed 2000 to 2030 air passenger ground access trips by mode of arrival for each Airport-AAZ are presented in Appendices B through D. Figure 5 shows forecast changes in air passenger ground access modal share by airport between 2000 and 2030. In future CASP air passenger ground access forecast updates it is expected that more refined independent estimates of Dulles Metrorail line extension air passenger trips will be developed.

Table 4
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Air Passenger Ground Access Trips
by Mode 2000 - 2030 BWI Airport

Year	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
2000	12,438	8,004	445	3,074	460	24,421
2005	13,869	8,916	484	3,363	485	27,117
2010	19,195	12,318	675	4,566	666	37,420
2015	23,044	14,792	816	5,445	804	44,901
2020	25,920	16,634	922	6,131	877	50,484
2025	27,611	17,724	974	6,546	920	53,775
2030	29,354	18,857	1,022	6,884	962	57,079

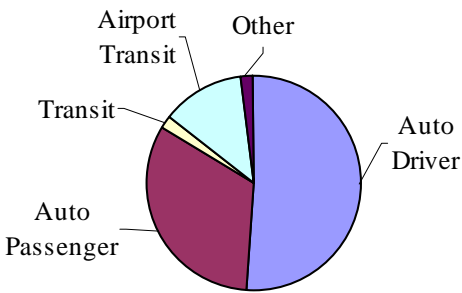
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Air Passenger Ground Access Trips
by Mode 2000 - 2030 DCA Airport

Year	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
2000	9,584	5,805	2,881	2,119	256	20,645
2005	9,426	5,719	2,798	1,936	256	20,135
2010	10,756	6,507	3,182	2,313	296	23,054
2015	11,224	6,808	3,397	2,506	304	24,239
2020	11,785	7,128	3,562	2,626	324	25,425
2025	12,328	7,458	3,710	2,758	347	26,601
2030	12,885	7,784	3,871	2,885	369	27,794

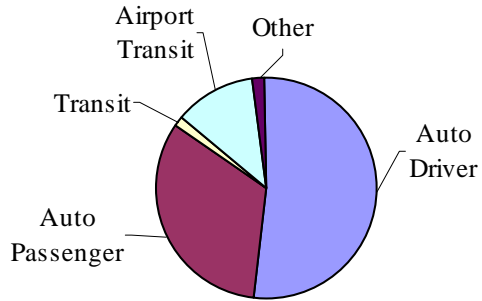
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Air Passenger Ground Access Trips
by Mode 2000 - 2030 IAD Airport

Year	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
2000	8,975	4,987	7	2,166	410	16,545
2005	9,264	5,099	7	2,196	422	16,988
2010	14,246	7,789	9	3,379	644	26,067
2015	18,337	10,128	3,344	3,412	845	36,066
2020	22,188	12,301	4,005	4,145	1,026	43,665
2025	24,448	13,605	4,448	4,619	1,132	48,252
2030	27,423	15,288	4,903	5,276	1,278	54,168

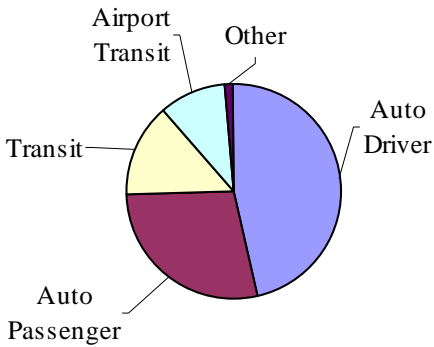
Figure 6
Washington / Baltimore Air System Planning Region
Airport Ground Access Update
Average Weekday Air Passenger Ground Access Trips Mod Shares By Airport
2000 and 2030



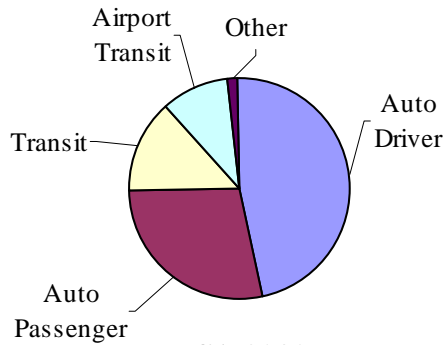
BWI 2000



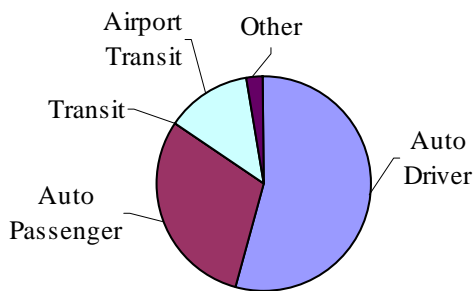
BWI 2030



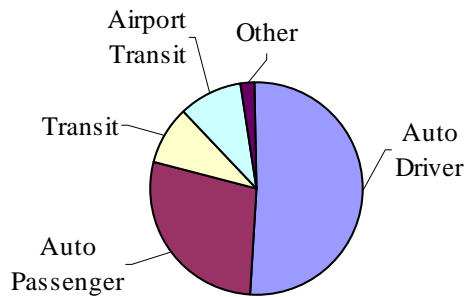
DCA 2000



DCA 2030



IAD 2000



IAD 2030

Summary and Conclusion

The update of forecast air passenger ground access trips to the region's three commercial airports is an important step in the airport system planning process. This report documents the CASP 19 update of forecast ground access trips to BWI, DCA and IAD airports from newly redesigned and more meaningfully structured Aviation Analysis Zones (AAZ) in Washington/Baltimore Air Systems Planning Region. These forecasts are detailed by major mode of arrival at each airport by 5-year intervals for the 2000 to 2030 forecast period. Although no independent mode choice modeling has been performed in this study, these forecasts have been adjusted based on the ridership projection from the Dulles Extension FEIS Patronage Forecast to account for the anticipated impact on air passenger ground access travel to Dulles Airport resulting from the planned opening of the Dulles Metrorail line extension in 2015.

These ground access forecasts will be used as inputs for the triennial update of the National Capital Region Transportation Planning Board's (TPB) Constrained Long Range Plan and as the basis for revising the Ground Access Element of the CASP Regional Airport System Plan, both scheduled to occur in 2006.

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Appendix A
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Air Passenger Trips
By Airport
2000 - 2030

Table A-1
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - BWI Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
0	0	0	0	0	0	0	0
1	240	266	349	397	429	443	462
2	479	602	862	1,074	1,228	1,332	1,387
3	375	393	517	593	646	674	701
4	78	85	110	127	142	145	151
5	167	174	229	259	284	295	307
6	24	24	32	37	41	43	45
7	89	93	127	161	178	193	200
8	32	34	45	52	56	59	62
9	42	46	59	67	73	77	82
10	78	82	107	125	135	141	147
11	69	76	103	122	134	140	146
12	9	10	12	15	17	19	20
13	62	66	85	101	115	119	126
14	118	125	167	197	224	238	248
15	110	120	170	238	267	284	296
16	1	1	1	1	1	3	3
17	147	155	203	234	255	261	273
18	16	16	26	35	38	41	43
19	11	13	17	19	21	21	22
20	3	3	4	5	5	5	6
21	249	228	381	552	633	686	721
22	29	38	49	59	65	67	70
23	9	9	10	11	14	14	14
24	81	88	126	151	180	198	228
25	28	36	52	65	74	78	84
26	31	33	44	51	54	58	60
27	67	71	98	117	138	147	160
28	19	20	27	33	37	39	43
29	51	56	76	90	101	104	109
30	99	124	169	204	225	244	259
31	0	0	0	0	0	0	0
32	52	56	79	91	100	102	105
33	40	41	57	66	72	76	79
34	55	68	100	121	136	143	151
35	207	239	339	399	442	461	483
36	98	108	147	174	192	202	213
37	104	109	146	172	190	200	209
38	24	27	37	46	51	56	61
39	30	33	46	54	61	63	67
40	23	27	39	46	50	52	56

Table A-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - BWI Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
41	4	5	8	10	12	13	14
42	84	92	125	148	163	170	179
43	45	56	85	101	114	123	133
44	91	100	138	162	182	191	201
45	67	78	116	135	149	162	173
46	57	59	82	95	105	110	116
47	79	85	112	128	137	142	148
48	42	46	61	71	77	79	84
49	220	241	320	379	413	426	444
50	55	57	81	101	111	115	123
51	81	96	130	152	179	199	219
52	184	210	318	383	433	461	511
53	201	277	434	521	583	620	655
54	281	318	448	557	642	683	726
55	69	89	141	203	259	286	312
56	135	144	195	227	247	255	267
57	84	102	139	170	188	197	206
58	113	128	184	223	248	256	268
59	63	68	88	102	111	115	120
60	66	74	102	122	143	153	165
61	153	165	219	255	280	290	302
62	259	292	390	463	506	523	545
63	199	210	280	330	371	395	417
64	27	27	37	42	45	47	49
65	32	32	44	51	57	59	61
66	73	77	117	142	169	201	223
67	90	94	122	143	155	161	167
68	190	199	266	312	349	372	396
69	71	84	123	150	172	192	213
70	241	277	382	466	551	611	677
71	56	68	108	185	270	357	438
72	396	428	575	670	744	784	835
73	250	274	382	466	540	581	626
74	142	168	241	298	340	369	395
75	190	215	290	335	378	406	434
76	128	141	195	237	264	286	306
77	32	33	46	54	59	61	65
78	81	92	137	174	208	232	261
79	14	16	21	25	28	30	33
80	8	10	12	14	16	16	18

Table A-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - BWI Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
81	116	130	183	224	259	289	317
82	89	107	156	206	251	276	301
83	9	10	16	19	22	25	28
84	121	143	197	230	253	268	283
85	0	0	0	0	0	0	0
86	40	46	64	74	83	87	93
87	43	74	130	185	227	257	287
88	8	20	46	74	98	112	122
89	0	0	0	0	0	0	0
90	27	31	45	53	60	64	67
91	17	25	38	52	66	77	90
92	27	45	79	109	133	144	154
93	14	20	32	45	56	61	68
94	93	105	151	194	233	270	313
95	223	251	363	455	528	545	597
96	183	206	298	375	441	494	564
97	223	258	361	425	466	486	511
98	87	109	169	223	260	279	291
99	117	139	201	254	294	306	319
100	206	222	294	343	384	396	415
101	173	188	250	293	319	329	343
102	202	225	299	350	385	402	424
103	220	233	306	352	379	392	409
104	87	100	143	177	216	228	244
105	177	206	290	349	393	406	425
106	76	94	136	170	205	231	261
107	380	432	595	717	806	865	913
108	120	162	235	295	341	369	389
109	230	254	339	420	556	653	683
110	67	85	126	177	209	229	239
111	661	702	929	1,116	1,261	1,416	1,474
112	92	96	127	148	164	172	178
113	87	97	127	151	174	187	196
114	109	116	157	182	203	212	221
115	186	234	340	424	494	536	574
116	235	258	345	408	450	472	497
117	199	218	293	345	381	402	424
118	232	246	337	386	419	433	451
119	284	327	450	535	595	628	662
120	70	76	100	117	130	135	142

Table A-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - BWI Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
121	177	204	295	353	398	419	445
122	159	184	262	316	362	392	428
123	188	220	319	411	495	540	593
124	33	38	53	68	84	94	107
125	17	22	34	42	51	67	85
126	8	10	14	19	23	25	30
127	19	27	46	60	74	84	95
128	33	42	61	79	97	110	124
129	2	4	6	6	8	10	12
130	20	22	32	40	46	50	56
131	34	39	57	74	89	104	118
132	1,607	1,719	2,333	2,694	2,933	3,045	3,173
133	127	134	181	214	234	243	253
134	91	98	130	163	181	190	200
135	37	37	52	61	66	71	72
136	210	210	275	316	342	351	366
137	238	256	340	392	423	439	459
138	62	66	89	102	111	115	120
139	222	234	312	361	393	407	423
140	407	411	545	632	684	708	741
141	10	12	16	18	20	20	21
142	91	92	123	145	159	164	171
143	49	57	81	95	104	109	113
144	3	3	3	4	4	5	5
145	42	47	60	68	75	79	82
146	27	31	39	45	49	54	56
147	118	128	170	196	214	226	239
148	333	354	472	547	584	618	647
149	132	153	208	245	269	289	309
150	407	469	653	773	853	903	952
151	234	257	344	399	432	455	480
152	306	340	452	523	570	610	643
153	245	259	343	397	431	445	468
154	455	478	636	735	804	825	862
155	55	57	77	87	97	99	104
156	212	234	317	374	410	427	451
157	183	195	263	304	330	344	361
158	191	214	300	360	405	429	456
159	179	206	294	365	421	456	489
160	142	149	195	223	243	252	261
Sub-Total Internal	20,734	23,024	31,770	38,121	42,864	45,658	48,463
External Trips	3,687	4,093	5,650	6,780	7,620	8,117	8,616
Total Trips	24,421	27,117	37,420	44,901	50,484	53,775	57,079

Table A-2
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - DCA Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
0	13	12	13	12	13	13	13
1	401	385	408	404	408	412	424
2	2,446	2,663	3,120	3,373	3,585	3,804	3,890
3	2,569	2,336	2,495	2,483	2,510	2,552	2,610
4	258	232	248	249	256	260	265
5	304	278	295	291	296	302	309
6	111	100	106	103	107	111	112
7	109	99	110	123	125	134	138
8	157	146	154	153	155	159	162
9	131	120	128	127	129	133	135
10	60	55	59	59	60	63	64
11	118	115	124	128	132	135	138
12	159	153	165	175	183	192	195
13	145	131	143	149	154	157	163
14	213	195	211	218	232	241	246
15	179	170	192	232	242	253	259
16	0	0	0	0	0	0	0
17	489	446	482	482	487	492	504
18	19	18	20	25	26	27	27
19	145	131	140	137	141	144	146
20	0	0	0	0	0	0	0
21	1,138	883	1,215	1,520	1,604	1,708	1,767
22	167	180	191	203	207	210	222
23	239	216	228	226	228	230	235
24	557	520	611	632	702	753	862
25	531	580	692	744	783	807	831
26	171	158	170	169	172	174	181
27	228	211	237	245	280	294	315
28	119	114	138	138	153	161	182
29	224	210	239	250	262	270	279
30	614	684	769	790	817	863	903
31	156	159	205	221	236	262	298
32	511	489	545	553	564	570	586
33	291	266	293	299	304	308	319
34	291	316	375	391	411	421	437
35	358	360	414	422	438	450	463
36	287	271	301	307	318	326	338
37	176	164	179	182	191	198	206
38	38	37	41	43	46	49	53
39	68	68	81	83	87	91	95
40	243	241	279	285	292	300	308

Table A-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - DCA Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
41	19	21	26	27	30	32	34
42	215	205	225	230	236	240	249
43	133	156	187	190	197	207	217
44	96	92	105	107	112	113	119
45	182	187	225	224	234	246	258
46	178	164	181	182	186	191	196
47	102	96	102	101	102	103	105
48	99	91	98	98	99	101	104
49	137	134	145	147	149	152	157
50	86	80	93	98	102	104	108
51	202	202	222	225	235	245	257
52	229	214	252	263	279	291	312
53	272	307	387	403	423	439	459
54	229	224	258	274	297	311	329
55	62	68	87	108	130	140	150
56	267	246	283	295	310	318	329
57	112	118	131	139	143	145	150
58	26	24	29	33	33	33	34
59	18	18	18	18	18	18	19
60	24	23	25	28	30	31	33
61	65	60	65	66	67	69	70
62	48	45	50	51	51	51	54
63	175	160	174	177	184	192	200
64	77	70	76	77	77	77	80
65	42	37	42	42	43	44	45
66	59	57	69	72	81	92	100
67	31	28	30	30	31	31	31
68	100	91	100	101	106	109	115
69	21	22	27	30	31	34	37
70	36	36	41	42	47	51	57
71	14	14	18	22	29	39	45
72	29	26	30	30	30	34	36
73	81	79	90	94	103	111	117
74	19	19	21	21	23	25	27
75	59	60	70	70	76	83	87
76	56	53	64	67	73	81	87
77	76	70	77	78	82	87	92
78	36	36	41	43	47	53	55
79	34	31	33	34	34	35	36
80	8	8	8	8	8	8	8

Table A-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - DCA Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
81	147	143	167	178	193	209	229
82	49	50	58	64	72	78	84
83	12	12	14	16	17	19	21
84	268	271	306	311	317	328	341
85	23	35	51	57	61	65	67
86	60	58	64	66	67	71	74
87	36	70	106	125	136	143	152
88	0	0	0	0	0	0	0
89	33	40	52	62	74	87	100
90	80	80	92	95	99	102	107
91	42	49	63	75	84	94	103
92	27	41	58	68	78	85	87
93	17	20	28	32	37	40	43
94	40	38	46	51	57	66	74
95	59	59	69	74	81	83	89
96	35	33	36	39	44	46	53
97	9	9	11	11	11	12	12
98	10	11	15	17	18	20	20
99	2	2	2	2	2	2	3
100	4	4	4	4	4	4	4
101	0	0	0	0	0	0	0
102	13	13	15	15	15	16	16
103	1	1	1	1	1	1	1
104	6	5	6	7	8	8	8
105	4	4	4	5	5	5	5
106	3	3	3	3	3	3	3
107	89	86	96	100	105	110	114
108	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0
110	6	7	9	10	13	13	13
111	4	4	4	4	4	6	6
112	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0
117	19	18	19	20	20	22	22
118	8	6	8	8	8	8	8
119	122	122	135	138	141	145	148
120	6	6	6	6	6	8	8

Table A-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - DCA Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
121	80	80	93	98	104	107	110
122	39	39	46	47	48	52	57
123	84	84	98	107	115	121	128
124	3	3	4	4	5	5	6
125	88	97	122	136	155	204	259
126	54	61	75	85	94	104	119
127	36	41	54	59	66	72	78
128	191	212	268	303	341	381	427
129	77	81	97	110	128	148	173
130	0	0	0	0	0	0	0
131	5	5	6	7	8	9	11
132	68	63	68	68	69	70	71
133	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
136	4	4	4	4	4	4	4
137	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0
141	6	6	6	6	6	6	8
142	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0
148	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0
150	10	10	11	12	12	12	13
151	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0
154	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
156	2	2	2	2	2	2	2
157	0	0	0	0	0	0	0
158	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0
160	18	16	18	17	18	18	18
Sub-Total Internal	20,186	19,688	22,541	23,700	24,860	26,009	27,177
External Trips	459	447	513	539	565	592	617
Total Trips	20,645	20,135	23,054	24,239	25,425	26,601	27,794

Table A-3
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - IAD Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
0	9	8	12	15	17	18	19
1	49	47	63	82	94	100	108
2	799	869	1,319	1,846	2,227	2,497	2,684
3	374	339	476	613	710	761	821
4	181	164	230	302	347	371	400
5	223	203	284	364	420	452	487
6	20	19	25	31	37	39	43
7	70	63	90	129	150	169	183
8	113	105	146	186	217	232	251
9	80	73	102	130	154	166	179
10	34	31	42	56	66	71	77
11	42	41	57	77	90	98	106
12	24	22	31	44	53	57	62
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	64	60	88	139	161	178	190
16	16	16	24	32	38	40	44
17	197	178	249	324	372	395	425
18	8	8	13	20	23	25	27
19	8	7	10	13	15	16	17
20	30	27	37	47	53	57	62
21	212	161	289	470	554	626	683
22	35	36	48	70	80	87	96
23	9	8	11	15	17	19	20
24	81	76	114	157	197	226	268
25	157	171	268	376	449	489	531
26	79	72	101	132	152	161	176
27	137	127	183	245	302	328	366
28	37	34	53	69	87	97	113
29	44	41	63	90	111	122	138
30	70	79	115	154	181	200	222
31	9	9	15	24	35	40	52
32	91	87	125	166	192	204	221
33	233	211	303	398	461	493	538
34	235	257	393	534	635	688	752
35	122	121	183	245	288	309	336
36	241	229	333	440	514	557	607
37	345	316	451	597	697	749	815
38	110	107	160	213	249	272	300
39	281	279	414	553	646	699	763
40	523	520	784	1,034	1,201	1,296	1,410

Table A-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - IAD Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
41	271	286	459	633	771	869	974
42	621	594	860	1,142	1,336	1,436	1,559
43	640	734	1,148	1,522	1,799	1,989	2,210
44	470	460	679	902	1,062	1,147	1,251
45	645	657	1,017	1,312	1,551	1,711	1,895
46	183	170	244	315	364	391	426
47	140	131	182	234	266	285	307
48	128	120	167	217	248	264	285
49	28	27	38	51	57	61	67
50	18	16	24	34	40	42	46
51	206	219	320	440	596	753	891
52	54	52	84	113	136	150	172
53	200	242	401	539	638	702	766
54	273	269	400	559	679	751	823
55	94	99	168	263	347	386	427
56	346	317	461	602	697	742	800
57	305	320	467	631	744	798	862
58	36	36	55	75	89	94	102
59	79	72	101	131	151	159	172
60	32	28	42	60	72	84	93
61	144	133	188	248	287	304	330
62	25	24	34	46	53	58	61
63	108	98	140	184	217	238	261
64	119	108	153	199	231	247	269
65	57	52	73	97	113	120	130
66	29	27	42	58	74	89	101
67	27	25	34	45	51	54	59
68	117	107	147	193	226	244	265
69	40	40	64	88	107	126	146
70	47	47	66	90	111	124	139
71	0	0	0	0	0	0	0
72	7	7	10	14	16	19	21
73	51	48	67	94	114	123	136
74	93	97	152	212	254	282	312
75	10	11	17	22	28	33	37
76	0	0	0	0	0	0	0
77	18	17	25	32	36	40	44
78	4	4	6	10	12	14	16
79	0	0	0	0	0	0	0
80	11	10	15	19	22	23	25

Table A-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - IAD Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
81	31	30	44	62	74	86	97
82	110	117	180	266	341	387	436
83	63	66	103	144	175	204	239
84	199	202	294	388	451	490	537
85	161	235	447	658	803	892	990
86	282	278	413	557	662	725	800
87	48	89	173	266	331	370	414
88	55	132	328	588	821	963	1,080
89	101	115	200	312	420	525	640
90	417	416	625	848	1,007	1,103	1,238
91	542	649	1,088	1,687	2,187	2,600	3,125
92	540	762	1,362	2,113	2,793	3,273	3,739
93	84	100	176	276	360	415	483
94	14	14	21	31	39	46	56
95	176	172	268	381	476	476	620
96	65	63	95	134	167	167	231
97	8	8	12	16	18	18	21
98	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0
100	25	24	33	41	50	50	59
101	20	20	27	36	41	41	47
102	18	18	26	34	39	39	45
103	10	9	14	18	20	20	25
104	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0
107	3	3	5	6	8	8	9
108	15	20	32	47	58	58	70
109	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0
116	8	8	11	14	17	17	20
117	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0
119	34	34	49	66	77	77	93
120	8	8	10	14	16	16	20

Table A-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - IAD Airport

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
121	8	8	12	16	18	18	22
122	0	0	0	0	0	0	0
123	20	20	31	46	60	60	77
124	33	33	50	74	96	96	131
125	16	18	28	38	48	48	62
126	40	43	71	101	131	131	179
127	66	76	127	180	226	226	300
128	24	26	41	61	77	77	109
129	81	84	132	194	257	257	387
130	82	80	121	164	199	199	259
131	37	37	59	84	107	107	154
132	16	14	20	26	32	32	36
133	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
136	30	26	36	46	53	53	60
137	20	18	26	34	38	38	44
138	156	142	197	253	290	290	332
139	0	0	0	0	0	0	0
140	26	23	32	41	48	48	55
141	0	0	1	0	0	0	0
142	0	0	0	0	0	0	0
143	7	7	11	15	17	17	20
144	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0
147	47	44	63	81	93	93	112
148	10	9	13	17	19	19	23
149	0	0	0	0	0	0	0
150	5	5	8	10	12	12	14
151	0	0	0	0	0	0	0
152	17	15	23	29	34	34	40
153	0	0	0	0	0	0	0
154	8	8	12	14	16	16	20
155	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0
157	0	0	0	0	0	0	0
158	15	15	22	30	35	35	42
159	6	6	10	12	16	16	18
160	0	0	0	0	0	0	0
Sub-Total Internal	14,875	15,274	23,436	32,427	39,260	43,344	48,702
External Trips	1,670	1,714	2,631	3,639	4,405	4,908	5,466
Total Trips	16,545	16,988	26,067	36,066	43,665	48,252	54,168

Table A-4
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - ALL Airports

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
0	22	20	25	27	30	31	32
1	690	698	820	883	931	955	994
2	3,724	4,134	5,301	6,293	7,040	7,633	7,961
3	3,318	3,068	3,488	3,689	3,866	3,987	4,132
4	517	481	588	678	745	776	816
5	694	655	808	914	1,000	1,049	1,103
6	155	143	163	171	185	193	200
7	268	255	327	413	453	496	521
8	302	285	345	391	428	450	475
9	253	239	289	324	356	376	396
10	172	168	208	240	261	275	288
11	229	232	284	327	356	373	390
12	192	185	208	234	253	268	277
13	207	197	228	250	269	276	289
14	331	320	378	415	456	479	494
15	353	350	450	609	670	715	745
16	17	17	25	33	39	43	47
17	833	779	934	1,040	1,114	1,148	1,202
18	43	42	59	80	87	93	97
19	164	151	167	169	177	181	185
20	33	30	41	52	58	62	68
21	1,599	1,272	1,885	2,542	2,791	3,020	3,171
22	231	254	288	332	352	364	388
23	257	233	249	252	259	263	269
24	719	684	851	940	1,079	1,177	1,358
25	716	787	1,012	1,185	1,306	1,374	1,446
26	281	263	315	352	378	393	417
27	432	409	518	607	720	769	841
28	175	168	218	240	277	297	338
29	319	307	378	430	474	496	526
30	783	887	1,053	1,148	1,223	1,307	1,384
31	165	168	220	245	271	302	350
32	654	632	749	810	856	876	912
33	564	518	653	763	837	877	936
34	581	641	868	1,046	1,182	1,252	1,340
35	687	720	936	1,066	1,168	1,220	1,282
36	626	608	781	921	1,024	1,085	1,158
37	625	589	776	951	1,078	1,147	1,230
38	172	171	238	302	346	377	414
39	379	380	541	690	794	853	925
40	789	788	1,102	1,365	1,543	1,648	1,774

Table A-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - ALL Airports

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
41	294	312	493	670	813	914	1,022
42	920	891	1,210	1,520	1,735	1,846	1,987
43	818	946	1,420	1,813	2,110	2,319	2,560
44	657	652	922	1,171	1,356	1,451	1,571
45	894	922	1,358	1,671	1,934	2,119	2,326
46	418	393	507	592	655	692	738
47	321	312	396	463	505	530	560
48	269	257	326	386	424	444	473
49	385	402	503	577	619	639	668
50	159	153	198	233	253	261	277
51	489	517	672	817	1,010	1,197	1,367
52	467	476	654	759	848	902	995
53	673	826	1,222	1,463	1,644	1,761	1,880
54	783	811	1,106	1,390	1,618	1,745	1,878
55	225	256	396	574	736	812	889
56	748	707	939	1,124	1,254	1,315	1,396
57	501	540	737	940	1,075	1,140	1,218
58	175	188	268	331	370	383	404
59	160	158	207	251	280	292	311
60	122	125	169	210	245	268	291
61	362	358	472	569	634	663	702
62	332	361	474	560	610	632	660
63	482	468	594	691	772	825	878
64	223	205	266	318	353	371	398
65	131	121	159	190	213	223	236
66	161	161	228	272	324	382	424
67	148	147	186	218	237	246	257
68	407	397	513	606	681	725	776
69	132	146	214	268	310	352	396
70	324	360	489	598	709	786	873
71	70	82	126	207	299	396	483
72	432	461	615	714	790	837	892
73	382	401	539	654	757	815	879
74	254	284	414	531	617	676	734
75	259	286	377	427	482	522	558
76	184	194	259	304	337	367	393
77	126	120	148	164	177	188	201
78	121	132	184	227	267	299	332
79	48	47	54	59	62	65	69
80	27	28	35	41	46	47	51

Table A-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - ALL Airports

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
81	294	303	394	464	526	584	643
82	248	274	394	536	664	741	821
83	84	88	133	179	214	248	288
84	588	616	797	929	1,021	1,086	1,161
85	184	270	498	715	864	957	1,057
86	382	382	541	697	812	883	967
87	127	233	409	576	694	770	853
88	63	152	374	662	919	1,075	1,202
89	134	155	252	374	494	612	740
90	524	527	762	996	1,166	1,269	1,412
91	601	723	1,189	1,814	2,337	2,771	3,318
92	594	848	1,499	2,290	3,004	3,502	3,980
93	115	140	236	353	453	516	594
94	147	157	218	276	329	382	443
95	458	482	700	910	1,085	1,104	1,306
96	283	302	429	548	652	707	848
97	240	275	384	452	495	516	544
98	97	120	184	240	278	299	311
99	119	141	203	256	296	308	322
100	235	250	331	388	438	450	478
101	193	208	277	329	360	370	390
102	233	256	340	399	439	457	485
103	231	243	321	371	400	413	435
104	93	105	149	184	224	236	252
105	181	210	294	354	398	411	430
106	79	97	139	173	208	234	264
107	472	521	696	823	919	983	1,036
108	135	182	267	342	399	427	459
109	230	254	339	420	556	653	683
110	73	92	135	187	222	242	252
111	665	706	933	1,120	1,265	1,422	1,480
112	92	96	127	148	164	172	178
113	87	97	127	151	174	187	196
114	109	116	157	182	203	212	221
115	186	234	340	424	494	536	574
116	243	266	356	422	467	489	517
117	218	236	312	365	401	424	446
118	240	252	345	394	427	441	459
119	440	483	634	739	813	850	903
120	84	90	116	137	152	159	170

Table A-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips 2000 - 2030 - ALL Airports

AAZ	Average Weekday Trips						
	2000	2005	2010	2015	2020	2025	2030
121	265	292	400	467	520	544	577
122	198	223	308	363	410	444	485
123	292	324	448	564	670	721	798
124	69	74	107	146	185	195	244
125	121	137	184	216	254	319	406
126	102	114	160	205	248	260	328
127	121	144	227	299	366	382	473
128	248	280	370	443	515	568	660
129	160	169	235	310	393	415	572
130	102	102	153	204	245	249	315
131	76	81	122	165	204	220	283
132	1,691	1,796	2,421	2,788	3,034	3,147	3,280
133	127	134	181	214	234	243	253
134	91	98	130	163	181	190	200
135	37	37	52	61	66	71	72
136	244	240	315	366	399	408	430
137	258	274	366	426	461	477	503
138	218	208	286	355	401	405	452
139	222	234	312	361	393	407	423
140	433	434	577	673	732	756	796
141	16	18	23	24	26	26	29
142	91	92	123	145	159	164	171
143	56	64	92	110	121	126	133
144	3	3	3	4	4	5	5
145	42	47	60	68	75	79	82
146	27	31	39	45	49	54	56
147	165	172	233	277	307	319	351
148	343	363	485	564	603	637	670
149	132	153	208	245	269	289	309
150	422	484	672	795	877	927	979
151	234	257	344	399	432	455	480
152	323	355	475	552	604	644	683
153	245	259	343	397	431	445	468
154	463	486	648	749	820	841	882
155	55	57	77	87	97	99	104
156	214	236	319	376	412	429	453
157	183	195	263	304	330	344	361
158	206	229	322	390	440	464	498
159	185	212	304	377	437	472	507
160	160	165	213	240	261	270	279
Sub-Total Internal	55,795	57,986	77,747	94,248	106,984	115,011	124,342
External Trips	5,816	6,254	8,794	10,958	12,590	13,617	14,699
Total Trips	61,611	64,240	86,541	105,206	119,574	128,628	139,041

Appendix B
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Air Passenger Trips
By Mode
BWI Airport
2000 - 2030

Table B-1
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	0	0	0	0
1	31	0	14	39	156	240
2	171	129	57	122	0	479
3	191	91	22	67	4	375
4	38	27	13	0	0	78
5	35	44	8	80	0	167
6	0	0	13	11	0	24
7	49	31	4	5	0	89
8	17	9	0	6	0	32
9	30	12	0	0	0	42
10	32	42	4	0	0	78
11	22	19	28	0	0	69
12	4	5	0	0	0	9
13	23	15	0	24	0	62
14	48	33	37	0	0	118
15	59	35	7	9	0	110
16	0	1	0	0	0	1
17	51	40	6	50	0	147
18	10	6	0	0	0	16
19	9	2	0	0	0	11
20	3	0	0	0	0	3
21	57	38	38	32	84	249
22	12	8	0	9	0	29
23	7	2	0	0	0	9
24	38	26	5	9	3	81
25	10	12	5	1	0	28
26	22	9	0	0	0	31
27	57	2	5	3	0	67
28	6	3	4	6	0	19
29	25	26	0	0	0	51
30	55	44	0	0	0	99
31	0	0	0	0	0	0
32	35	6	0	11	0	52
33	25	15	0	0	0	40
34	27	19	9	0	0	55
35	98	109	0	0	0	207
36	56	42	0	0	0	98
37	73	31	0	0	0	104
38	14	7	0	0	3	24
39	23	7	0	0	0	30
40	16	7	0	0	0	23

Table B-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	4	0	0	0	0	4
42	50	34	0	0	0	84
43	28	10	0	7	0	45
44	67	24	0	0	0	91
45	48	19	0	0	0	67
46	46	11	0	0	0	57
47	34	45	0	0	0	79
48	32	10	0	0	0	42
49	107	83	0	30	0	220
50	30	25	0	0	0	55
51	42	22	0	17	0	81
52	96	73	0	15	0	184
53	106	69	0	26	0	201
54	126	131	0	24	0	281
55	44	25	0	0	0	69
56	44	50	0	41	0	135
57	62	21	0	1	0	84
58	79	19	0	15	0	113
59	45	18	0	0	0	63
60	54	10	0	2	0	66
61	60	59	0	34	0	153
62	122	103	0	34	0	259
63	135	55	0	9	0	199
64	12	9	6	0	0	27
65	14	3	0	15	0	32
66	30	25	0	18	0	73
67	37	17	21	15	0	90
68	104	57	0	29	0	190
69	34	12	0	25	0	71
70	144	95	0	2	0	241
71	39	17	0	0	0	56
72	175	152	0	69	0	396
73	141	97	0	12	0	250
74	100	33	0	9	0	142
75	100	71	0	19	0	190
76	42	54	0	28	4	128
77	12	20	0	0	0	32
78	52	29	0	0	0	81
79	11	3	0	0	0	14
80	4	4	0	0	0	8

Table B-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	63	52	0	1	0	116
82	29	60	0	0	0	89
83	9	0	0	0	0	9
84	70	51	0	0	0	121
85	0	0	0	0	0	0
86	23	17	0	0	0	40
87	16	27	0	0	0	43
88	4	4	0	0	0	8
89	0	0	0	0	0	0
90	8	1	16	2	0	27
91	14	3	0	0	0	17
92	21	6	0	0	0	27
93	10	4	0	0	0	14
94	54	39	0	0	0	93
95	132	87	0	4	0	223
96	115	67	0	1	0	183
97	138	69	0	11	5	223
98	53	21	0	13	0	87
99	55	34	0	28	0	117
100	77	49	0	80	0	206
101	97	62	0	14	0	173
102	89	53	0	60	0	202
103	115	63	0	42	0	220
104	46	41	0	0	0	87
105	137	24	0	16	0	177
106	50	15	0	11	0	76
107	214	143	0	23	0	380
108	77	30	0	13	0	120
109	72	37	0	121	0	230
110	15	2	8	42	0	67
111	203	101	0	357	0	661
112	22	8	0	62	0	92
113	66	15	0	6	0	87
114	57	51	0	1	0	109
115	93	93	0	0	0	186
116	136	93	0	6	0	235
117	127	68	0	4	0	199
118	141	45	0	46	0	232
119	194	90	0	0	0	284
120	52	15	0	3	0	70

Table B-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - BWI Airport

AAZ	Arrival Mode					
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
121	97	80	0	0	0	177
122	100	59	0	0	0	159
123	68	120	0	0	0	188
124	19	14	0	0	0	33
125	9	8	0	0	0	17
126	5	3	0	0	0	8
127	10	9	0	0	0	19
128	18	15	0	0	0	33
129	1	1	0	0	0	2
130	10	10	0	0	0	20
131	14	20	0	0	0	34
132	594	437	49	527	0	1,607
133	82	28	6	11	0	127
134	53	34	0	0	4	91
135	26	11	0	0	0	37
136	77	119	3	11	0	210
137	22	29	0	4	183	238
138	44	6	0	12	0	62
139	131	91	0	0	0	222
140	214	140	19	34	0	407
141	5	5	0	0	0	10
142	51	37	0	3	0	91
143	26	23	0	0	0	49
144	3	0	0	0	0	3
145	17	25	0	0	0	42
146	18	4	0	5	0	27
147	49	61	0	0	8	118
148	186	98	0	49	0	333
149	98	32	0	2	0	132
150	177	172	0	58	0	407
151	124	101	0	9	0	234
152	190	111	0	5	0	306
153	154	81	6	4	0	245
154	261	168	0	26	0	455
155	25	30	0	0	0	55
156	123	82	0	7	0	212
157	71	112	0	0	0	183
158	132	46	8	5	0	191
159	110	69	0	0	0	179
160	74	24	0	41	3	142
Sub-Total Internal	10,373	6,723	421	2,760	457	20,734
External Trips	2,065	1,281	24	314	3	3,687
Total Trips	12,438	8,004	445	3,074	460	24,421

Table B-2
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	0	0	0	0
1	34	0	15	44	173	266
2	216	162	71	153	0	602
3	199	96	23	70	5	393
4	41	30	14	0	0	85
5	36	46	9	83	0	174
6	0	0	13	11	0	24
7	52	32	4	5	0	93
8	18	10	0	6	0	34
9	32	14	0	0	0	46
10	34	43	5	0	0	82
11	25	21	30	0	0	76
12	4	6	0	0	0	10
13	24	16	0	26	0	66
14	51	35	39	0	0	125
15	64	39	8	9	0	120
16	0	1	0	0	0	1
17	54	42	7	52	0	155
18	9	7	0	0	0	16
19	11	2	0	0	0	13
20	3	0	0	0	0	3
21	55	37	34	29	73	228
22	17	11	0	10	0	38
23	7	2	0	0	0	9
24	41	29	5	10	3	88
25	12	16	7	1	0	36
26	24	9	0	0	0	33
27	60	2	5	4	0	71
28	7	3	4	6	0	20
29	27	29	0	0	0	56
30	71	53	0	0	0	124
31	0	0	0	0	0	0
32	38	6	0	12	0	56
33	25	16	0	0	0	41
34	33	24	11	0	0	68
35	113	126	0	0	0	239
36	63	45	0	0	0	108
37	77	32	0	0	0	109
38	16	8	0	0	3	27
39	26	7	0	0	0	33
40	19	8	0	0	0	27

Table B-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	5	0	0	0	0	5
42	55	37	0	0	0	92
43	36	12	0	8	0	56
44	73	27	0	0	0	100
45	56	22	0	0	0	78
46	48	11	0	0	0	59
47	37	48	0	0	0	85
48	35	11	0	0	0	46
49	115	92	0	34	0	241
50	32	25	0	0	0	57
51	51	26	0	19	0	96
52	107	85	0	18	0	210
53	145	97	0	35	0	277
54	143	148	0	27	0	318
55	56	33	0	0	0	89
56	47	53	0	44	0	144
57	75	26	0	1	0	102
58	90	21	0	17	0	128
59	48	20	0	0	0	68
60	60	12	0	2	0	74
61	65	63	0	37	0	165
62	138	116	0	38	0	292
63	142	58	0	10	0	210
64	12	9	6	0	0	27
65	14	3	0	15	0	32
66	31	26	0	20	0	77
67	39	18	22	15	0	94
68	109	59	0	31	0	199
69	39	15	0	30	0	84
70	166	109	0	2	0	277
71	47	21	0	0	0	68
72	190	164	0	74	0	428
73	154	107	0	13	0	274
74	117	40	0	11	0	168
75	114	81	0	20	0	215
76	46	60	0	31	4	141
77	12	21	0	0	0	33
78	59	33	0	0	0	92
79	12	4	0	0	0	16
80	5	5	0	0	0	10

Table B-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	71	58	0	1	0	130
82	34	73	0	0	0	107
83	10	0	0	0	0	10
84	82	61	0	0	0	143
85	0	0	0	0	0	0
86	27	19	0	0	0	46
87	32	42	0	0	0	74
88	10	10	0	0	0	20
89	0	0	0	0	0	0
90	9	1	19	2	0	31
91	20	5	0	0	0	25
92	37	8	0	0	0	45
93	13	7	0	0	0	20
94	61	44	0	0	0	105
95	149	98	0	4	0	251
96	130	75	0	1	0	206
97	160	79	0	13	6	258
98	67	26	0	16	0	109
99	65	41	0	33	0	139
100	84	52	0	86	0	222
101	106	67	0	15	0	188
102	100	59	0	66	0	225
103	122	67	0	44	0	233
104	53	47	0	0	0	100
105	159	28	0	19	0	206
106	61	18	0	15	0	94
107	243	161	0	28	0	432
108	103	39	0	20	0	162
109	79	40	0	135	0	254
110	19	3	10	53	0	85
111	217	108	0	377	0	702
112	23	8	0	65	0	96
113	73	17	0	7	0	97
114	61	54	0	1	0	116
115	117	117	0	0	0	234
116	149	102	0	7	0	258
117	139	75	0	4	0	218
118	149	48	0	49	0	246
119	224	103	0	0	0	327
120	56	16	0	4	0	76

Table B-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	111	93	0	0	0	204
122	116	68	0	0	0	184
123	80	140	0	0	0	220
124	22	16	0	0	0	38
125	12	10	0	0	0	22
126	7	3	0	0	0	10
127	14	13	0	0	0	27
128	23	19	0	0	0	42
129	2	2	0	0	0	4
130	11	11	0	0	0	22
131	16	23	0	0	0	39
132	643	465	52	559	0	1,719
133	86	29	7	12	0	134
134	57	37	0	0	4	98
135	26	11	0	0	0	37
136	79	117	3	11	0	210
137	22	30	0	4	200	256
138	46	7	0	13	0	66
139	138	96	0	0	0	234
140	216	142	19	34	0	411
141	6	6	0	0	0	12
142	51	38	0	3	0	92
143	30	27	0	0	0	57
144	3	0	0	0	0	3
145	20	27	0	0	0	47
146	20	6	0	5	0	31
147	53	67	0	0	8	128
148	197	105	0	52	0	354
149	113	38	0	2	0	153
150	204	198	0	67	0	469
151	137	110	0	10	0	257
152	210	124	0	6	0	340
153	163	85	6	5	0	259
154	276	175	0	27	0	478
155	26	31	0	0	0	57
156	137	90	0	7	0	234
157	76	119	0	0	0	195
158	147	52	9	6	0	214
159	126	80	0	0	0	206
160	78	25	0	43	3	149
Sub-Total Internal	11,577	7,494	457	3,014	482	23,024
External Trips	2,292	1,422	27	349	3	4,093
Total Trips	13,869	8,916	484	3,363	485	27,117

Table B-3
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	0	0	0	0
1	46	0	20	57	226	349
2	310	231	102	219	0	862
3	263	126	30	92	6	517
4	53	38	19	0	0	110
5	48	61	12	108	0	229
6	0	0	17	15	0	32
7	70	44	6	7	0	127
8	24	13	0	8	0	45
9	42	17	0	0	0	59
10	44	57	6	0	0	107
11	32	29	42	0	0	103
12	5	7	0	0	0	12
13	31	20	0	34	0	85
14	68	47	52	0	0	167
15	90	56	11	13	0	170
16	0	1	0	0	0	1
17	71	55	9	68	0	203
18	15	11	0	0	0	26
19	14	3	0	0	0	17
20	4	0	0	0	0	4
21	92	60	57	48	124	381
22	21	15	0	13	0	49
23	8	2	0	0	0	10
24	59	41	8	14	4	126
25	18	23	10	1	0	52
26	31	13	0	0	0	44
27	82	4	7	5	0	98
28	9	4	6	8	0	27
29	37	39	0	0	0	76
30	97	72	0	0	0	169
31	0	0	0	0	0	0
32	53	9	0	17	0	79
33	35	22	0	0	0	57
34	48	35	17	0	0	100
35	160	179	0	0	0	339
36	85	62	0	0	0	147
37	103	43	0	0	0	146
38	22	11	0	0	4	37
39	36	10	0	0	0	46
40	27	12	0	0	0	39

Table B-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	8	0	0	0	0	8
42	75	50	0	0	0	125
43	54	18	0	13	0	85
44	102	36	0	0	0	138
45	83	33	0	0	0	116
46	66	16	0	0	0	82
47	48	64	0	0	0	112
48	46	15	0	0	0	61
49	153	122	0	45	0	320
50	45	36	0	0	0	81
51	69	35	0	26	0	130
52	160	129	0	29	0	318
53	226	152	0	56	0	434
54	202	208	0	38	0	448
55	89	52	0	0	0	141
56	63	72	0	60	0	195
57	103	35	0	1	0	139
58	129	31	0	24	0	184
59	62	26	0	0	0	88
60	83	16	0	3	0	102
61	86	84	0	49	0	219
62	184	155	0	51	0	390
63	190	77	0	13	0	280
64	17	12	8	0	0	37
65	19	5	0	20	0	44
66	47	38	0	32	0	117
67	51	23	28	20	0	122
68	147	79	0	40	0	266
69	58	22	0	43	0	123
70	230	150	0	2	0	382
71	75	33	0	0	0	108
72	255	220	0	100	0	575
73	216	148	0	18	0	382
74	168	58	0	15	0	241
75	154	110	0	26	0	290
76	66	82	0	41	6	195
77	17	29	0	0	0	46
78	87	49	0	1	0	137
79	16	5	0	0	0	21
80	6	6	0	0	0	12

Table B-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	100	82	0	1	0	183
82	50	106	0	0	0	156
83	16	0	0	0	0	16
84	113	84	0	0	0	197
85	0	0	0	0	0	0
86	38	26	0	0	0	64
87	56	74	0	0	0	130
88	23	23	0	0	0	46
89	0	0	0	0	0	0
90	13	2	27	3	0	45
91	31	7	0	0	0	38
92	63	16	0	0	0	79
93	21	11	0	0	0	32
94	88	63	0	0	0	151
95	215	142	0	6	0	363
96	188	109	0	1	0	298
97	222	111	0	19	9	361
98	104	39	0	26	0	169
99	94	59	0	48	0	201
100	110	70	0	114	0	294
101	140	89	0	21	0	250
102	134	80	0	85	0	299
103	159	89	0	58	0	306
104	76	67	0	0	0	143
105	225	39	0	26	0	290
106	87	26	0	23	0	136
107	335	224	0	36	0	595
108	149	55	0	31	0	235
109	105	54	0	180	0	339
110	27	4	15	80	0	126
111	286	143	0	500	0	929
112	30	11	0	86	0	127
113	97	21	0	9	0	127
114	83	73	0	1	0	157
115	170	170	0	0	0	340
116	199	137	0	9	0	345
117	187	101	0	5	0	293
118	204	66	0	67	0	337
119	308	142	0	0	0	450
120	74	21	0	5	0	100

Table B-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	161	134	0	0	0	295
122	165	97	0	0	0	262
123	116	203	0	0	0	319
124	31	22	0	0	0	53
125	18	16	0	0	0	34
126	9	5	0	0	0	14
127	24	22	0	0	0	46
128	34	27	0	0	0	61
129	3	3	0	0	0	6
130	16	16	0	0	0	32
131	23	34	0	0	0	57
132	907	616	69	741	0	2,333
133	117	39	9	16	0	181
134	76	49	0	0	5	130
135	37	15	0	0	0	52
136	102	154	4	15	0	275
137	31	40	0	6	263	340
138	62	10	0	17	0	89
139	183	129	0	0	0	312
140	287	188	26	44	0	545
141	8	8	0	0	0	16
142	69	50	0	4	0	123
143	43	38	0	0	0	81
144	3	0	0	0	0	3
145	25	35	0	0	0	60
146	26	7	0	6	0	39
147	70	89	0	0	11	170
148	263	140	0	69	0	472
149	154	51	0	3	0	208
150	285	275	0	93	0	653
151	183	148	0	13	0	344
152	279	165	0	8	0	452
153	215	114	8	6	0	343
154	366	234	0	36	0	636
155	35	42	0	0	0	77
156	185	122	0	10	0	317
157	102	161	0	0	0	263
158	207	72	13	8	0	300
159	180	114	0	0	0	294
160	102	32	0	57	4	195
Sub-Total Internal	16,030	10,355	638	4,085	662	31,770
External Trips	3,165	1,963	37	481	4	5,650
Total Trips	19,195	12,318	675	4,566	666	37,420

Table B-4
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	0	0	0	0
1	52	0	22	65	258	397
2	389	287	126	272	0	1,074
3	301	144	36	105	7	593
4	62	44	21	0	0	127
5	54	69	13	123	0	259
6	0	0	20	17	0	37
7	89	56	7	9	0	161
8	28	15	0	9	0	52
9	47	20	0	0	0	67
10	52	66	7	0	0	125
11	39	34	49	0	0	122
12	6	9	0	0	0	15
13	36	24	0	41	0	101
14	81	55	61	0	0	197
15	127	78	15	18	0	238
16	0	1	0	0	0	1
17	82	63	10	79	0	234
18	20	15	0	0	0	35
19	15	4	0	0	0	19
20	5	0	0	0	0	5
21	132	87	83	70	180	552
22	25	17	0	17	0	59
23	9	2	0	0	0	11
24	69	50	10	17	5	151
25	22	29	13	1	0	65
26	36	15	0	0	0	51
27	99	4	8	6	0	117
28	11	5	7	10	0	33
29	44	46	0	0	0	90
30	116	88	0	0	0	204
31	0	0	0	0	0	0
32	62	10	0	19	0	91
33	41	25	0	0	0	66
34	59	42	20	0	0	121
35	188	211	0	0	0	399
36	101	73	0	0	0	174
37	121	51	0	0	0	172
38	27	14	0	0	5	46
39	42	12	0	0	0	54
40	31	15	0	0	0	46

Table B-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	10	0	0	0	0	10
42	89	59	0	0	0	148
43	64	22	0	15	0	101
44	120	42	0	0	0	162
45	97	38	0	0	0	135
46	77	18	0	0	0	95
47	55	73	0	0	0	128
48	54	17	0	0	0	71
49	181	145	0	53	0	379
50	56	45	0	0	0	101
51	81	40	0	31	0	152
52	193	155	0	35	0	383
53	271	182	0	68	0	521
54	250	261	0	46	0	557
55	127	76	0	0	0	203
56	74	84	0	69	0	227
57	126	43	0	1	0	170
58	156	37	0	30	0	223
59	72	30	0	0	0	102
60	100	19	0	3	0	122
61	100	98	0	57	0	255
62	219	184	0	60	0	463
63	224	91	0	15	0	330
64	19	14	9	0	0	42
65	22	5	0	24	0	51
66	56	46	0	40	0	142
67	59	27	33	24	0	143
68	173	93	0	46	0	312
69	71	26	0	53	0	150
70	280	183	0	3	0	466
71	129	56	0	0	0	185
72	298	256	0	116	0	670
73	264	180	0	22	0	466
74	207	72	0	19	0	298
75	176	129	0	30	0	335
76	81	99	0	50	7	237
77	20	34	0	0	0	54
78	110	63	0	1	0	174
79	19	6	0	0	0	25
80	7	7	0	0	0	14

Table B-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	122	101	0	1	0	224
82	66	140	0	0	0	206
83	19	0	0	0	0	19
84	133	97	0	0	0	230
85	0	0	0	0	0	0
86	44	30	0	0	0	74
87	79	106	0	0	0	185
88	37	37	0	0	0	74
89	0	0	0	0	0	0
90	16	2	32	3	0	53
91	42	10	0	0	0	52
92	87	22	0	0	0	109
93	30	15	0	0	0	45
94	113	81	0	0	0	194
95	269	178	0	8	0	455
96	236	137	0	2	0	375
97	262	131	0	22	10	425
98	137	52	0	34	0	223
99	119	74	0	61	0	254
100	129	81	0	133	0	343
101	165	104	0	24	0	293
102	157	92	0	101	0	350
103	184	102	0	66	0	352
104	94	83	0	0	0	177
105	270	47	0	32	0	349
106	108	32	0	30	0	170
107	404	269	0	44	0	717
108	187	68	0	40	0	295
109	130	67	0	223	0	420
110	35	6	21	115	0	177
111	345	172	0	599	0	1,116
112	35	13	0	100	0	148
113	116	25	0	10	0	151
114	96	85	0	1	0	182
115	212	212	0	0	0	424
116	235	163	0	10	0	408
117	220	119	0	6	0	345
118	234	76	0	76	0	386
119	366	169	0	0	0	535
120	86	25	0	6	0	117

Table B-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	192	161	0	0	0	353
122	200	116	0	0	0	316
123	150	261	0	0	0	411
124	39	29	0	0	0	68
125	22	20	0	0	0	42
126	13	6	0	0	0	19
127	31	29	0	0	0	60
128	44	35	0	0	0	79
129	3	3	0	0	0	6
130	20	20	0	0	0	40
131	30	44	0	0	0	74
132	1,051	710	79	854	0	2,694
133	138	46	11	19	0	214
134	94	63	0	0	6	163
135	43	18	0	0	0	61
136	117	178	4	17	0	316
137	35	46	0	7	304	392
138	72	11	0	19	0	102
139	212	149	0	0	0	361
140	333	217	30	52	0	632
141	9	9	0	0	0	18
142	81	59	0	5	0	145
143	50	45	0	0	0	95
144	4	0	0	0	0	4
145	28	40	0	0	0	68
146	30	8	0	7	0	45
147	81	103	0	0	12	196
148	305	162	0	80	0	547
149	182	60	0	3	0	245
150	338	325	0	110	0	773
151	212	172	0	15	0	399
152	323	191	0	9	0	523
153	250	131	9	7	0	397
154	423	270	0	42	0	735
155	39	48	0	0	0	87
156	219	143	0	12	0	374
157	119	185	0	0	0	304
158	248	87	16	9	0	360
159	224	141	0	0	0	365
160	116	37	0	65	5	223
Sub-Total Internal	19,246	12,436	772	4,868	799	38,121
External Trips	3,798	2,356	44	577	5	6,780
Total Trips	23,044	14,792	816	5,445	804	44,901

Table B-5
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	0	0	0	0
1	55	0	24	71	279	429
2	444	328	145	311	0	1,228
3	328	157	38	115	8	646
4	69	49	24	0	0	142
5	60	76	15	133	0	284
6	0	0	22	19	0	41
7	98	62	8	10	0	178
8	30	16	0	10	0	56
9	51	22	0	0	0	73
10	56	71	8	0	0	135
11	42	38	54	0	0	134
12	7	10	0	0	0	17
13	41	27	0	47	0	115
14	92	62	70	0	0	224
15	142	88	17	20	0	267
16	0	1	0	0	0	1
17	89	69	11	86	0	255
18	22	16	0	0	0	38
19	17	4	0	0	0	21
20	5	0	0	0	0	5
21	157	101	94	81	200	633
22	28	19	0	18	0	65
23	11	3	0	0	0	14
24	84	59	11	20	6	180
25	25	32	15	2	0	74
26	39	15	0	0	0	54
27	114	6	12	6	0	138
28	12	6	8	11	0	37
29	49	52	0	0	0	101
30	128	97	0	0	0	225
31	0	0	0	0	0	0
32	68	11	0	21	0	100
33	45	27	0	0	0	72
34	66	47	23	0	0	136
35	209	233	0	0	0	442
36	111	81	0	0	0	192
37	134	56	0	0	0	190
38	30	15	0	0	6	51
39	47	14	0	0	0	61
40	34	16	0	0	0	50

Table B-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	12	0	0	0	0	12
42	99	64	0	0	0	163
43	72	25	0	17	0	114
44	134	48	0	0	0	182
45	107	42	0	0	0	149
46	85	20	0	0	0	105
47	59	78	0	0	0	137
48	58	19	0	0	0	77
49	198	157	0	58	0	413
50	62	49	0	0	0	111
51	98	47	0	34	0	179
52	219	175	0	39	0	433
53	304	203	0	76	0	583
54	288	300	0	54	0	642
55	161	98	0	0	0	259
56	80	91	0	76	0	247
57	140	47	0	1	0	188
58	174	41	0	33	0	248
59	79	32	0	0	0	111
60	116	23	0	4	0	143
61	110	107	0	63	0	280
62	239	201	0	66	0	506
63	252	102	0	17	0	371
64	20	15	10	0	0	45
65	25	6	0	26	0	57
66	66	53	0	50	0	169
67	64	29	37	25	0	155
68	195	103	0	51	0	349
69	81	30	0	61	0	172
70	330	217	0	4	0	551
71	189	81	0	0	0	270
72	331	284	0	129	0	744
73	306	209	0	25	0	540
74	236	82	0	22	0	340
75	198	147	0	33	0	378
76	92	110	0	55	7	264
77	22	37	0	0	0	59
78	132	75	0	1	0	208
79	22	6	0	0	0	28
80	8	8	0	0	0	16

Table B-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	141	116	0	2	0	259
82	81	170	0	0	0	251
83	22	0	0	0	0	22
84	146	107	0	0	0	253
85	0	0	0	0	0	0
86	50	33	0	0	0	83
87	95	132	0	0	0	227
88	49	49	0	0	0	98
89	0	0	0	0	0	0
90	18	2	36	4	0	60
91	53	13	0	0	0	66
92	107	26	0	0	0	133
93	37	19	0	0	0	56
94	136	97	0	0	0	233
95	312	207	0	9	0	528
96	278	161	0	2	0	441
97	288	143	0	24	11	466
98	160	61	0	39	0	260
99	137	86	0	71	0	294
100	145	90	0	149	0	384
101	180	113	0	26	0	319
102	172	101	0	112	0	385
103	197	110	0	72	0	379
104	115	101	0	0	0	216
105	303	54	0	36	0	393
106	128	38	0	39	0	205
107	455	302	0	49	0	806
108	215	79	0	47	0	341
109	169	85	0	302	0	556
110	41	7	25	136	0	209
111	389	193	0	679	0	1,261
112	39	15	0	110	0	164
113	134	29	0	11	0	174
114	107	94	0	2	0	203
115	247	247	0	0	0	494
116	259	179	0	12	0	450
117	243	131	0	7	0	381
118	254	82	0	83	0	419
119	408	187	0	0	0	595
120	95	28	0	7	0	130

Table B-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	217	181	0	0	0	398
122	229	133	0	0	0	362
123	179	316	0	0	0	495
124	48	36	0	0	0	84
125	26	25	0	0	0	51
126	16	7	0	0	0	23
127	38	36	0	0	0	74
128	54	43	0	0	0	97
129	4	4	0	0	0	8
130	23	23	0	0	0	46
131	36	53	0	0	0	89
132	1,140	775	87	931	0	2,933
133	151	51	12	20	0	234
134	105	69	0	0	7	181
135	47	19	0	0	0	66
136	127	191	5	19	0	342
137	37	50	0	7	329	423
138	79	12	0	20	0	111
139	231	162	0	0	0	393
140	360	235	33	56	0	684
141	10	10	0	0	0	20
142	89	65	0	5	0	159
143	55	49	0	0	0	104
144	4	0	0	0	0	4
145	31	44	0	0	0	75
146	32	9	0	8	0	49
147	89	112	0	0	13	214
148	324	173	0	87	0	584
149	199	66	0	4	0	269
150	373	359	0	121	0	853
151	230	186	0	16	0	432
152	352	208	0	10	0	570
153	271	142	10	8	0	431
154	462	296	0	46	0	804
155	44	53	0	0	0	97
156	239	158	0	13	0	410
157	129	201	0	0	0	330
158	279	98	18	10	0	405
159	258	163	0	0	0	421
160	128	40	0	70	5	243
Sub-Total Internal	21,652	13,987	872	5,482	871	42,864
External Trips	4,268	2,647	50	649	6	7,620
Total Trips	25,920	16,634	922	6,131	877	50,484

Table B-6
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	0	0	0	0
1	58	0	25	72	288	443
2	479	357	158	338	0	1,332
3	343	164	40	119	8	674
4	70	51	24	0	0	145
5	63	78	16	138	0	295
6	0	0	23	20	0	43
7	106	67	9	11	0	193
8	32	17	0	10	0	59
9	54	23	0	0	0	77
10	59	74	8	0	0	141
11	45	39	56	0	0	140
12	8	11	0	0	0	19
13	43	28	0	48	0	119
14	98	66	74	0	0	238
15	151	94	18	21	0	284
16	1	2	0	0	0	3
17	91	71	11	88	0	261
18	24	17	0	0	0	41
19	17	4	0	0	0	21
20	5	0	0	0	0	5
21	169	109	102	87	219	686
22	29	19	0	19	0	67
23	11	3	0	0	0	14
24	92	65	13	22	6	198
25	25	35	16	2	0	78
26	41	17	0	0	0	58
27	121	6	13	7	0	147
28	13	6	8	12	0	39
29	51	53	0	0	0	104
30	139	105	0	0	0	244
31	0	0	0	0	0	0
32	70	11	0	21	0	102
33	47	29	0	0	0	76
34	70	49	24	0	0	143
35	218	243	0	0	0	461
36	117	85	0	0	0	202
37	141	59	0	0	0	200
38	33	17	0	0	6	56
39	49	14	0	0	0	63
40	36	16	0	0	0	52

Table B-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	13	0	0	0	0	13
42	103	67	0	0	0	170
43	78	27	0	18	0	123
44	141	50	0	0	0	191
45	116	46	0	0	0	162
46	89	21	0	0	0	110
47	61	81	0	0	0	142
48	60	19	0	0	0	79
49	204	162	0	60	0	426
50	64	51	0	0	0	115
51	112	51	0	36	0	199
52	233	187	0	41	0	461
53	323	217	0	80	0	620
54	307	318	0	58	0	683
55	177	109	0	0	0	286
56	83	94	0	78	0	255
57	147	49	0	1	0	197
58	179	43	0	34	0	256
59	81	34	0	0	0	115
60	125	24	0	4	0	153
61	114	111	0	65	0	290
62	247	208	0	68	0	523
63	269	108	0	18	0	395
64	21	16	10	0	0	47
65	26	6	0	27	0	59
66	78	60	0	63	0	201
67	66	30	38	27	0	161
68	209	110	0	53	0	372
69	93	33	0	66	0	192
70	367	240	0	4	0	611
71	249	108	0	0	0	357
72	350	299	0	135	0	784
73	331	224	0	26	0	581
74	256	89	0	24	0	369
75	212	159	0	35	0	406
76	101	119	0	58	8	286
77	22	39	0	0	0	61
78	147	84	0	1	0	232
79	24	6	0	0	0	30
80	8	8	0	0	0	16

Table B-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	157	130	0	2	0	289
82	89	187	0	0	0	276
83	25	0	0	0	0	25
84	154	114	0	0	0	268
85	0	0	0	0	0	0
86	53	34	0	0	0	87
87	105	152	0	0	0	257
88	56	56	0	0	0	112
89	0	0	0	0	0	0
90	19	3	38	4	0	64
91	62	15	0	0	0	77
92	116	28	0	0	0	144
93	41	20	0	0	0	61
94	158	112	0	0	0	270
95	323	213	0	9	0	545
96	311	181	0	2	0	494
97	299	150	0	25	12	486
98	172	65	0	42	0	279
99	143	90	0	73	0	306
100	150	93	0	153	0	396
101	185	117	0	27	0	329
102	178	106	0	118	0	402
103	205	113	0	74	0	392
104	121	107	0	0	0	228
105	314	55	0	37	0	406
106	141	42	0	48	0	231
107	487	325	0	53	0	865
108	233	85	0	51	0	369
109	196	97	0	360	0	653
110	44	8	28	149	0	229
111	436	217	0	763	0	1,416
112	41	16	0	115	0	172
113	144	31	0	12	0	187
114	111	99	0	2	0	212
115	268	268	0	0	0	536
116	272	188	0	12	0	472
117	256	139	0	7	0	402
118	262	85	0	86	0	433
119	429	199	0	0	0	628
120	99	29	0	7	0	135

Table B-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - BWI Airport

AAZ	Arrival Mode					
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
121	228	191	0	0	0	419
122	249	143	0	0	0	392
123	195	345	0	0	0	540
124	53	41	0	0	0	94
125	33	34	0	0	0	67
126	17	8	0	0	0	25
127	43	41	0	0	0	84
128	61	49	0	0	0	110
129	5	5	0	0	0	10
130	25	25	0	0	0	50
131	42	62	0	0	0	104
132	1,183	805	90	967	0	3,045
133	157	53	12	21	0	243
134	110	73	0	0	7	190
135	50	21	0	0	0	71
136	130	197	5	19	0	351
137	40	51	0	7	341	439
138	82	12	0	21	0	115
139	239	168	0	0	0	407
140	373	244	33	58	0	708
141	10	10	0	0	0	20
142	92	67	0	5	0	164
143	58	51	0	0	0	109
144	5	0	0	0	0	5
145	33	46	0	0	0	79
146	35	10	0	9	0	54
147	93	119	0	0	14	226
148	345	183	0	90	0	618
149	214	71	0	4	0	289
150	394	380	0	129	0	903
151	242	196	0	17	0	455
152	377	223	0	10	0	610
153	280	147	10	8	0	445
154	475	303	0	47	0	825
155	45	54	0	0	0	99
156	250	164	0	13	0	427
157	135	209	0	0	0	344
158	295	104	19	11	0	429
159	279	177	0	0	0	456
160	132	42	0	73	5	252
Sub-Total Internal	23,064	14,904	921	5,855	914	45,658
External Trips	4,547	2,820	53	691	6	8,117
Total Trips	27,611	17,724	974	6,546	920	53,775

Table B-7
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	0	0	0	0
1	60	0	26	76	300	462
2	499	372	164	352	0	1,387
3	357	171	41	124	8	701
4	73	52	26	0	0	151
5	65	82	16	144	0	307
6	0	0	24	21	0	45
7	110	69	10	11	0	200
8	33	18	0	11	0	62
9	58	24	0	0	0	82
10	61	77	9	0	0	147
11	46	41	59	0	0	146
12	8	12	0	0	0	20
13	45	31	0	50	0	126
14	102	69	77	0	0	248
15	157	99	18	22	0	296
16	1	2	0	0	0	3
17	95	74	12	92	0	273
18	25	18	0	0	0	43
19	18	4	0	0	0	22
20	6	0	0	0	0	6
21	177	114	107	92	231	721
22	30	20	0	20	0	70
23	11	3	0	0	0	14
24	106	76	14	25	7	228
25	28	37	17	2	0	84
26	43	17	0	0	0	60
27	132	7	14	7	0	160
28	14	7	9	13	0	43
29	53	56	0	0	0	109
30	147	112	0	0	0	259
31	0	0	0	0	0	0
32	72	11	0	22	0	105
33	49	30	0	0	0	79
34	73	52	26	0	0	151
35	228	255	0	0	0	483
36	123	90	0	0	0	213
37	148	61	0	0	0	209
38	36	18	0	0	7	61
39	52	15	0	0	0	67
40	38	18	0	0	0	56

Table B-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	14	0	0	0	0	14
42	108	71	0	0	0	179
43	84	29	0	20	0	133
44	148	53	0	0	0	201
45	124	49	0	0	0	173
46	93	23	0	0	0	116
47	64	84	0	0	0	148
48	63	21	0	0	0	84
49	212	169	0	63	0	444
50	69	54	0	0	0	123
51	124	56	0	39	0	219
52	258	207	0	46	0	511
53	341	229	0	85	0	655
54	327	335	0	64	0	726
55	193	119	0	0	0	312
56	87	98	0	82	0	267
57	154	51	0	1	0	206
58	188	45	0	35	0	268
59	85	35	0	0	0	120
60	134	27	0	4	0	165
61	118	116	0	68	0	302
62	258	216	0	71	0	545
63	283	115	0	19	0	417
64	22	17	10	0	0	49
65	27	6	0	28	0	61
66	86	66	0	71	0	223
67	69	31	40	27	0	167
68	223	117	0	56	0	396
69	104	36	0	73	0	213
70	406	267	0	4	0	677
71	306	132	0	0	0	438
72	374	318	0	143	0	835
73	357	241	0	28	0	626
74	275	95	0	25	0	395
75	227	170	0	37	0	434
76	109	128	0	61	8	306
77	24	41	0	0	0	65
78	166	94	0	1	0	261
79	26	7	0	0	0	33
80	9	9	0	0	0	18

Table B-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	173	142	0	2	0	317
82	97	204	0	0	0	301
83	28	0	0	0	0	28
84	163	120	0	0	0	283
85	0	0	0	0	0	0
86	56	37	0	0	0	93
87	116	171	0	0	0	287
88	61	61	0	0	0	122
89	0	0	0	0	0	0
90	20	3	40	4	0	67
91	73	17	0	0	0	90
92	124	30	0	0	0	154
93	46	22	0	0	0	68
94	183	130	0	0	0	313
95	354	233	0	10	0	597
96	356	206	0	2	0	564
97	316	157	0	26	12	511
98	179	69	0	43	0	291
99	149	94	0	76	0	319
100	156	98	0	161	0	415
101	193	122	0	28	0	343
102	188	111	0	125	0	424
103	213	119	0	77	0	409
104	129	115	0	0	0	244
105	328	58	0	39	0	425
106	156	48	0	57	0	261
107	515	342	0	56	0	913
108	246	90	0	53	0	389
109	205	102	0	376	0	683
110	46	8	29	156	0	239
111	454	225	0	795	0	1,474
112	43	16	0	119	0	178
113	151	32	0	13	0	196
114	116	103	0	2	0	221
115	287	287	0	0	0	574
116	286	198	0	13	0	497
117	270	146	0	8	0	424
118	273	88	0	90	0	451
119	453	209	0	0	0	662
120	104	31	0	7	0	142

Table B-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - BWI Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	242	203	0	0	0	445
122	273	155	0	0	0	428
123	215	378	0	0	0	593
124	60	47	0	0	0	107
125	40	45	0	0	0	85
126	20	10	0	0	0	30
127	49	46	0	0	0	95
128	69	55	0	0	0	124
129	6	6	0	0	0	12
130	28	28	0	0	0	56
131	47	71	0	0	0	118
132	1,232	839	94	1,008	0	3,173
133	164	54	13	22	0	253
134	117	76	0	0	7	200
135	51	21	0	0	0	72
136	136	205	5	20	0	366
137	41	54	0	8	356	459
138	85	13	0	22	0	120
139	249	174	0	0	0	423
140	390	255	35	61	0	741
141	10	11	0	0	0	21
142	96	70	0	5	0	171
143	60	53	0	0	0	113
144	5	0	0	0	0	5
145	34	48	0	0	0	82
146	37	10	0	9	0	56
147	99	126	0	0	14	239
148	360	193	0	94	0	647
149	229	76	0	4	0	309
150	415	401	0	136	0	952
151	256	206	0	18	0	480
152	397	235	0	11	0	643
153	293	155	11	9	0	468
154	497	317	0	48	0	862
155	47	57	0	0	0	104
156	263	174	0	14	0	451
157	142	219	0	0	0	361
158	314	110	20	12	0	456
159	299	190	0	0	0	489
160	137	43	0	76	5	261
Sub-Total Internal	24,528	15,864	966	6,150	955	48,463
External Trips	4,826	2,993	56	734	7	8,616
Total Trips	29,354	18,857	1,022	6,884	962	57,079

Appendix C
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Air Passenger Trips
By Mode
DCA Airport
2000 - 2030

Table C-1
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	13	0	0	13
1	242	88	53	18	0	401
2	1,222	773	339	108	4	2,446
3	1,110	868	375	130	86	2,569
4	167	70	16	5	0	258
5	189	32	21	52	10	304
6	73	38	0	0	0	111
7	62	34	0	13	0	109
8	98	36	23	0	0	157
9	78	3	44	6	0	131
10	24	15	21	0	0	60
11	48	13	52	5	0	118
12	93	55	5	6	0	159
13	55	41	49	0	0	145
14	137	51	21	0	4	213
15	100	45	28	6	0	179
16	0	0	0	0	0	0
17	182	105	202	0	0	489
18	13	6	0	0	0	19
19	69	76	0	0	0	145
20	0	0	0	0	0	0
21	198	151	135	643	11	1,138
22	79	57	6	25	0	167
23	71	39	28	101	0	239
24	234	93	90	140	0	557
25	242	132	102	55	0	531
26	97	66	0	8	0	171
27	121	66	21	20	0	228
28	73	41	5	0	0	119
29	142	68	14	0	0	224
30	277	154	129	54	0	614
31	101	47	0	8	0	156
32	190	104	79	138	0	511
33	189	77	25	0	0	291
34	153	44	79	15	0	291
35	180	80	26	8	64	358
36	135	114	38	0	0	287
37	113	49	14	0	0	176
38	22	16	0	0	0	38
39	39	26	3	0	0	68
40	136	99	8	0	0	243

Table C-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	19	0	0	0	0	19
42	86	88	41	0	0	215
43	54	34	0	37	8	133
44	46	42	0	8	0	96
45	122	42	4	14	0	182
46	115	39	0	24	0	178
47	49	47	6	0	0	102
48	58	19	8	14	0	99
49	55	26	24	32	0	137
50	44	5	37	0	0	86
51	55	9	104	34	0	202
52	121	81	24	3	0	229
53	114	80	45	33	0	272
54	81	67	68	13	0	229
55	40	9	13	0	0	62
56	90	56	0	121	0	267
57	34	47	31	0	0	112
58	10	10	6	0	0	26
59	6	2	6	4	0	18
60	4	8	0	12	0	24
61	29	8	28	0	0	65
62	13	0	25	10	0	48
63	35	45	72	23	0	175
64	35	35	7	0	0	77
65	27	15	0	0	0	42
66	27	6	26	0	0	59
67	4	16	11	0	0	31
68	25	27	31	17	0	100
69	7	4	10	0	0	21
70	23	9	0	4	0	36
71	4	0	0	10	0	14
72	13	3	13	0	0	29
73	34	10	37	0	0	81
74	10	9	0	0	0	19
75	26	14	19	0	0	59
76	36	20	0	0	0	56
77	41	35	0	0	0	76
78	14	18	4	0	0	36
79	23	4	0	7	0	34
80	4	4	0	0	0	8

Table C-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	96	51	0	0	0	147
82	39	4	0	6	0	49
83	0	0	12	0	0	12
84	139	100	19	10	0	268
85	20	3	0	0	0	23
86	23	37	0	0	0	60
87	18	18	0	0	0	36
88	0	0	0	0	0	0
89	24	9	0	0	0	33
90	47	33	0	0	0	80
91	19	11	5	0	7	42
92	20	7	0	0	0	27
93	11	6	0	0	0	17
94	22	5	13	0	0	40
95	40	19	0	0	0	59
96	12	23	0	0	0	35
97	3	6	0	0	0	9
98	9	1	0	0	0	10
99	2	0	0	0	0	2
100	4	0	0	0	0	4
101	0	0	0	0	0	0
102	3	8	0	2	0	13
103	1	0	0	0	0	1
104	0	0	6	0	0	6
105	4	0	0	0	0	4
106	0	0	3	0	0	3
107	34	11	30	14	0	89
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	4	2	0	0	0	6
111	2	2	0	0	0	4
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	0	0	0	0	0	0
117	3	16	0	0	0	19
118	4	4	0	0	0	8
119	62	53	7	0	0	122
120	3	3	0	0	0	6

Table C-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - DCA Airport

AAZ	Arrival Mode					
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
121	24	13	0	43	0	80
122	10	14	0	15	0	39
123	57	27	0	0	0	84
124	3	0	0	0	0	3
125	38	50	0	0	0	88
126	37	7	5	5	0	54
127	10	26	0	0	0	36
128	66	60	4	4	57	191
129	43	34	0	0	0	77
130	0	0	0	0	0	0
131	5	0	0	0	0	5
132	26	42	0	0	0	68
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	2	2	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	3	3	0	0	0	6
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	0	0	0	0	0	0
150	10	0	0	0	0	10
151	0	0	0	0	0	0
152	0	0	0	0	0	0
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	1	1	0	0	0	2
157	0	0	0	0	0	0
158	0	0	0	0	0	0
159	0	0	0	0	0	0
160	10	8	0	0	0	18
Sub-Total Internal	9,400	5,584	2,868	2,083	251	20,186
External Trips	184	221	13	36	5	459
Total Trips	9,584	5,805	2,881	2,119	256	20,645

Table C-2
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	12	0	0	12
1	233	85	50	17	0	385
2	1,332	841	368	117	5	2,663
3	1,009	789	341	119	78	2,336
4	150	64	14	4	0	232
5	173	30	19	47	9	278
6	66	34	0	0	0	100
7	56	31	0	12	0	99
8	90	34	22	0	0	146
9	72	3	39	6	0	120
10	22	14	19	0	0	55
11	47	12	51	5	0	115
12	88	54	5	6	0	153
13	50	37	44	0	0	131
14	125	46	20	0	4	195
15	96	42	27	5	0	170
16	0	0	0	0	0	0
17	165	95	186	0	0	446
18	12	6	0	0	0	18
19	62	69	0	0	0	131
20	0	0	0	0	0	0
21	160	122	104	487	10	883
22	85	64	7	24	0	180
23	63	35	26	92	0	216
24	219	87	83	131	0	520
25	265	144	111	60	0	580
26	89	61	0	8	0	158
27	112	61	19	19	0	211
28	72	37	5	0	0	114
29	134	64	12	0	0	210
30	298	176	146	64	0	684
31	102	49	0	8	0	159
32	183	100	75	131	0	489
33	173	70	23	0	0	266
34	168	48	84	16	0	316
35	181	81	26	9	63	360
36	127	107	37	0	0	271
37	104	46	14	0	0	164
38	22	15	0	0	0	37
39	39	26	3	0	0	68
40	135	99	7	0	0	241

Table C-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	21	0	0	0	0	21
42	82	83	40	0	0	205
43	65	41	0	41	9	156
44	43	41	0	8	0	92
45	125	43	4	15	0	187
46	106	36	0	22	0	164
47	46	44	6	0	0	96
48	53	17	8	13	0	91
49	54	25	23	32	0	134
50	42	4	34	0	0	80
51	55	9	104	34	0	202
52	111	75	25	3	0	214
53	131	90	47	39	0	307
54	79	66	66	13	0	224
55	44	9	15	0	0	68
56	82	52	0	112	0	246
57	36	50	32	0	0	118
58	9	9	6	0	0	24
59	6	2	6	4	0	18
60	4	8	0	11	0	23
61	26	8	26	0	0	60
62	11	0	24	10	0	45
63	32	42	65	21	0	160
64	33	32	5	0	0	70
65	24	13	0	0	0	37
66	26	6	25	0	0	57
67	4	14	10	0	0	28
68	23	25	28	15	0	91
69	7	4	11	0	0	22
70	23	9	0	4	0	36
71	4	0	0	10	0	14
72	12	2	12	0	0	26
73	34	10	35	0	0	79
74	10	9	0	0	0	19
75	26	13	21	0	0	60
76	35	18	0	0	0	53
77	37	33	0	0	0	70
78	14	18	4	0	0	36
79	21	4	0	6	0	31
80	4	4	0	0	0	8

Table C-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	93	50	0	0	0	143
82	40	4	0	6	0	50
83	0	0	12	0	0	12
84	140	102	19	10	0	271
85	30	5	0	0	0	35
86	22	36	0	0	0	58
87	32	38	0	0	0	70
88	0	0	0	0	0	0
89	29	11	0	0	0	40
90	47	33	0	0	0	80
91	22	13	6	0	8	49
92	30	11	0	0	0	41
93	13	7	0	0	0	20
94	21	5	12	0	0	38
95	40	19	0	0	0	59
96	12	21	0	0	0	33
97	3	6	0	0	0	9
98	10	1	0	0	0	11
99	2	0	0	0	0	2
100	4	0	0	0	0	4
101	0	0	0	0	0	0
102	3	8	0	2	0	13
103	1	0	0	0	0	1
104	0	0	5	0	0	5
105	4	0	0	0	0	4
106	0	0	3	0	0	3
107	33	10	29	14	0	86
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	5	2	0	0	0	7
111	2	2	0	0	0	4
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	0	0	0	0	0	0
117	3	15	0	0	0	18
118	3	3	0	0	0	6
119	62	53	7	0	0	122
120	3	3	0	0	0	6

Table C-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	24	13	0	43	0	80
122	10	14	0	15	0	39
123	57	27	0	0	0	84
124	3	0	0	0	0	3
125	42	55	0	0	0	97
126	40	9	6	6	0	61
127	12	29	0	0	0	41
128	72	65	5	5	65	212
129	45	36	0	0	0	81
130	0	0	0	0	0	0
131	5	0	0	0	0	5
132	24	39	0	0	0	63
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	2	2	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	3	3	0	0	0	6
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	0	0	0	0	0	0
150	10	0	0	0	0	10
151	0	0	0	0	0	0
152	0	0	0	0	0	0
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	1	1	0	0	0	2
157	0	0	0	0	0	0
158	0	0	0	0	0	0
159	0	0	0	0	0	0
160	9	7	0	0	0	16
Sub-Total Internal	9,247	5,504	2,785	1,901	251	19,688
External Trips	179	215	13	35	5	447
Total Trips	9,426	5,719	2,798	1,936	256	20,135

Table C-3
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	13	0	0	13
1	247	89	54	18	0	408
2	1,562	986	430	137	5	3,120
3	1,078	843	365	126	83	2,495
4	162	67	14	5	0	248
5	184	32	20	50	9	295
6	70	36	0	0	0	106
7	63	34	0	13	0	110
8	96	35	23	0	0	154
9	77	3	42	6	0	128
10	24	15	20	0	0	59
11	50	13	55	6	0	124
12	96	58	5	6	0	165
13	54	41	48	0	0	143
14	136	50	21	0	4	211
15	110	47	29	6	0	192
16	0	0	0	0	0	0
17	178	102	202	0	0	482
18	13	7	0	0	0	20
19	67	73	0	0	0	140
20	0	0	0	0	0	0
21	219	166	144	672	14	1,215
22	91	68	7	25	0	191
23	67	37	27	97	0	228
24	257	102	98	154	0	611
25	317	171	132	72	0	692
26	97	65	0	8	0	170
27	126	67	22	22	0	237
28	88	43	7	0	0	138
29	150	73	16	0	0	239
30	338	197	163	71	0	769
31	133	62	0	10	0	205
32	203	112	83	147	0	545
33	191	77	25	0	0	293
34	199	57	100	19	0	375
35	209	93	31	10	71	414
36	142	118	41	0	0	301
37	115	50	14	0	0	179
38	24	17	0	0	0	41
39	47	30	4	0	0	81
40	156	115	8	0	0	279

Table C-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	26	0	0	0	0	26
42	90	91	44	0	0	225
43	77	49	0	50	11	187
44	49	47	0	9	0	105
45	150	53	5	17	0	225
46	117	40	0	24	0	181
47	49	47	6	0	0	102
48	58	19	8	13	0	98
49	58	27	25	35	0	145
50	48	5	40	0	0	93
51	60	11	114	37	0	222
52	130	87	31	4	0	252
53	166	114	58	49	0	387
54	91	76	76	15	0	258
55	56	11	20	0	0	87
56	93	59	0	131	0	283
57	40	55	36	0	0	131
58	11	11	7	0	0	29
59	6	2	6	4	0	18
60	4	9	0	12	0	25
61	29	8	28	0	0	65
62	13	0	26	11	0	50
63	35	45	71	23	0	174
64	34	35	7	0	0	76
65	27	15	0	0	0	42
66	30	6	33	0	0	69
67	4	15	11	0	0	30
68	25	27	32	16	0	100
69	8	5	14	0	0	27
70	26	10	0	5	0	41
71	5	0	0	13	0	18
72	13	3	14	0	0	30
73	39	11	40	0	0	90
74	11	10	0	0	0	21
75	30	14	26	0	0	70
76	41	23	0	0	0	64
77	41	36	0	0	0	77
78	16	20	5	0	0	41
79	22	4	0	7	0	33
80	4	4	0	0	0	8

Table C-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	109	58	0	0	0	167
82	45	6	0	7	0	58
83	0	0	14	0	0	14
84	158	115	21	12	0	306
85	44	7	0	0	0	51
86	24	40	0	0	0	64
87	47	59	0	0	0	106
88	0	0	0	0	0	0
89	38	14	0	0	0	52
90	54	38	0	0	0	92
91	29	17	7	0	10	63
92	42	16	0	0	0	58
93	18	10	0	0	0	28
94	25	6	15	0	0	46
95	47	22	0	0	0	69
96	13	23	0	0	0	36
97	4	7	0	0	0	11
98	13	2	0	0	0	15
99	2	0	0	0	0	2
100	4	0	0	0	0	4
101	0	0	0	0	0	0
102	3	9	0	3	0	15
103	1	0	0	0	0	1
104	0	0	6	0	0	6
105	4	0	0	0	0	4
106	0	0	3	0	0	3
107	37	11	33	15	0	96
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	6	3	0	0	0	9
111	2	2	0	0	0	4
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	0	0	0	0	0	0
117	3	16	0	0	0	19
118	4	4	0	0	0	8
119	68	58	9	0	0	135
120	3	3	0	0	0	6

Table C-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	29	14	0	50	0	93
122	12	16	0	18	0	46
123	67	31	0	0	0	98
124	4	0	0	0	0	4
125	53	69	0	0	0	122
126	51	10	7	7	0	75
127	16	38	0	0	0	54
128	91	82	6	6	83	268
129	54	43	0	0	0	97
130	0	0	0	0	0	0
131	6	0	0	0	0	6
132	26	42	0	0	0	68
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	2	2	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	3	3	0	0	0	6
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	0	0	0	0	0	0
150	11	0	0	0	0	11
151	0	0	0	0	0	0
152	0	0	0	0	0	0
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	1	1	0	0	0	2
157	0	0	0	0	0	0
158	0	0	0	0	0	0
159	0	0	0	0	0	0
160	10	8	0	0	0	18
Sub-Total Internal	10,551	6,260	3,167	2,273	290	22,541
External Trips	205	247	15	40	6	513
Total Trips	10,756	6,507	3,182	2,313	296	23,054

Table C-4
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	12	0	0	12
1	244	88	54	18	0	404
2	1,691	1,068	461	147	6	3,373
3	1,072	839	363	126	83	2,483
4	162	67	15	5	0	249
5	182	31	20	49	9	291
6	68	35	0	0	0	103
7	71	39	0	13	0	123
8	95	35	23	0	0	153
9	76	3	42	6	0	127
10	24	15	20	0	0	59
11	53	14	56	5	0	128
12	102	61	5	7	0	175
13	56	43	50	0	0	149
14	140	51	23	0	4	218
15	133	57	35	7	0	232
16	0	0	0	0	0	0
17	178	102	202	0	0	482
18	16	9	0	0	0	25
19	65	72	0	0	0	137
20	0	0	0	0	0	0
21	272	207	181	844	16	1,520
22	96	71	7	29	0	203
23	66	37	27	96	0	226
24	267	106	101	158	0	632
25	342	185	142	75	0	744
26	96	65	0	8	0	169
27	131	68	23	23	0	245
28	88	43	7	0	0	138
29	156	75	19	0	0	250
30	347	202	168	73	0	790
31	143	67	0	11	0	221
32	203	112	85	153	0	553
33	193	79	27	0	0	299
34	207	59	105	20	0	391
35	213	94	31	10	74	422
36	145	121	41	0	0	307
37	117	51	14	0	0	182
38	25	18	0	0	0	43
39	49	30	4	0	0	83
40	160	117	8	0	0	285

Table C-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	27	0	0	0	0	27
42	93	92	45	0	0	230
43	78	74	23	15	0	190
44	50	45	6	6	0	107
45	134	45	27	18	0	224
46	118	40	0	24	0	182
47	49	46	6	0	0	101
48	58	19	8	13	0	98
49	59	28	25	35	0	147
50	51	5	42	0	0	98
51	61	11	115	38	0	225
52	136	91	32	4	0	263
53	171	119	62	51	0	403
54	97	79	82	16	0	274
55	69	13	26	0	0	108
56	94	59	0	142	0	295
57	43	58	38	0	0	139
58	13	13	7	0	0	33
59	6	2	6	4	0	18
60	5	9	0	14	0	28
61	29	8	29	0	0	66
62	13	0	27	11	0	51
63	35	47	72	23	0	177
64	35	35	7	0	0	77
65	27	15	0	0	0	42
66	31	6	35	0	0	72
67	4	15	11	0	0	30
68	25	27	33	16	0	101
69	10	6	14	0	0	30
70	27	10	0	5	0	42
71	6	0	0	16	0	22
72	13	3	14	0	0	30
73	41	11	42	0	0	94
74	11	10	0	0	0	21
75	30	14	26	0	0	70
76	43	24	0	0	0	67
77	42	36	0	0	0	78
78	16	21	6	0	0	43
79	23	4	0	7	0	34
80	4	4	0	0	0	8

Table C-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	116	62	0	0	0	178
82	50	6	0	8	0	64
83	0	0	16	0	0	16
84	160	117	22	12	0	311
85	49	8	0	0	0	57
86	25	41	0	0	0	66
87	56	69	0	0	0	125
88	0	0	0	0	0	0
89	37	13	12	0	0	62
90	56	39	0	0	0	95
91	34	20	9	0	12	75
92	49	17	2	0	0	68
93	21	11	0	0	0	32
94	28	7	16	0	0	51
95	51	23	0	0	0	74
96	14	25	0	0	0	39
97	4	7	0	0	0	11
98	15	2	0	0	0	17
99	2	0	0	0	0	2
100	4	0	0	0	0	4
101	0	0	0	0	0	0
102	3	9	0	3	0	15
103	1	0	0	0	0	1
104	0	0	7	0	0	7
105	5	0	0	0	0	5
106	0	0	3	0	0	3
107	39	12	34	15	0	100
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	7	3	0	0	0	10
111	2	2	0	0	0	4
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	0	0	0	0	0	0
117	3	17	0	0	0	20
118	4	4	0	0	0	8
119	70	59	9	0	0	138
120	3	3	0	0	0	6

Table C-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - DCA Airport

AAZ	Arrival Mode					
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
121	30	16	0	52	0	98
122	12	17	0	18	0	47
123	74	33	0	0	0	107
124	4	0	0	0	0	4
125	59	77	0	0	0	136
126	57	12	8	8	0	85
127	17	42	0	0	0	59
128	104	92	6	7	94	303
129	61	49	0	0	0	110
130	0	0	0	0	0	0
131	7	0	0	0	0	7
132	26	42	0	0	0	68
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	2	2	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	3	3	0	0	0	6
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	0	0	0	0	0	0
150	12	0	0	0	0	12
151	0	0	0	0	0	0
152	0	0	0	0	0	0
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	1	1	0	0	0	2
157	0	0	0	0	0	0
158	0	0	0	0	0	0
159	0	0	0	0	0	0
160	10	7	0	0	0	17
Sub-Total Internal	11,008	6,549	3,381	2,464	298	23,700
External Trips	216	259	16	42	6	539
Total Trips	11,224	6,808	3,397	2,506	304	24,239

Table C-5
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	13	0	0	13
1	247	89	54	18	0	408
2	1,797	1,135	491	156	6	3,585
3	1,084	849	367	127	83	2,510
4	165	70	16	5	0	256
5	184	33	20	50	9	296
6	71	36	0	0	0	107
7	72	40	0	13	0	125
8	97	35	23	0	0	155
9	78	3	42	6	0	129
10	24	15	21	0	0	60
11	54	14	58	6	0	132
12	106	64	6	7	0	183
13	58	44	52	0	0	154
14	150	55	23	0	4	232
15	139	58	38	7	0	242
16	0	0	0	0	0	0
17	180	103	204	0	0	487
18	17	9	0	0	0	26
19	67	74	0	0	0	141
20	0	0	0	0	0	0
21	297	225	192	872	18	1,604
22	98	72	7	30	0	207
23	67	37	27	97	0	228
24	296	117	113	176	0	702
25	361	196	148	78	0	783
26	98	66	0	8	0	172
27	149	74	28	29	0	280
28	99	46	8	0	0	153
29	163	78	21	0	0	262
30	360	209	173	75	0	817
31	153	69	0	14	0	236
32	207	112	86	159	0	564
33	197	80	27	0	0	304
34	217	62	111	21	0	411
35	220	97	33	10	78	438
36	150	125	43	0	0	318
37	122	53	16	0	0	191
38	27	19	0	0	0	46
39	52	31	4	0	0	87
40	164	120	8	0	0	292

Table C-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	30	0	0	0	0	30
42	94	95	47	0	0	236
43	80	77	24	16	0	197
44	51	47	7	7	0	112
45	140	47	28	19	0	234
46	121	41	0	24	0	186
47	49	47	6	0	0	102
48	58	19	8	14	0	99
49	60	28	25	36	0	149
50	52	5	45	0	0	102
51	64	12	120	39	0	235
52	144	97	34	4	0	279
53	180	125	65	53	0	423
54	105	85	89	18	0	297
55	83	15	32	0	0	130
56	98	61	0	151	0	310
57	44	60	39	0	0	143
58	13	13	7	0	0	33
59	6	2	6	4	0	18
60	5	10	0	15	0	30
61	29	9	29	0	0	67
62	13	0	27	11	0	51
63	37	48	75	24	0	184
64	35	35	7	0	0	77
65	28	15	0	0	0	43
66	34	7	40	0	0	81
67	4	16	11	0	0	31
68	26	27	36	17	0	106
69	10	6	15	0	0	31
70	30	11	0	6	0	47
71	8	0	0	21	0	29
72	13	3	14	0	0	30
73	45	13	45	0	0	103
74	12	11	0	0	0	23
75	32	14	30	0	0	76
76	46	27	0	0	0	73
77	44	38	0	0	0	82
78	18	23	6	0	0	47
79	23	4	0	7	0	34
80	4	4	0	0	0	8

Table C-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	125	68	0	0	0	193
82	56	7	0	9	0	72
83	0	0	17	0	0	17
84	164	119	22	12	0	317
85	53	8	0	0	0	61
86	25	42	0	0	0	67
87	63	73	0	0	0	136
88	0	0	0	0	0	0
89	43	16	15	0	0	74
90	58	41	0	0	0	99
91	38	22	10	0	14	84
92	56	20	2	0	0	78
93	24	13	0	0	0	37
94	32	7	18	0	0	57
95	55	26	0	0	0	81
96	16	28	0	0	0	44
97	4	7	0	0	0	11
98	16	2	0	0	0	18
99	2	0	0	0	0	2
100	4	0	0	0	0	4
101	0	0	0	0	0	0
102	3	9	0	3	0	15
103	1	0	0	0	0	1
104	0	0	8	0	0	8
105	5	0	0	0	0	5
106	0	0	3	0	0	3
107	40	13	35	17	0	105
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	9	4	0	0	0	13
111	2	2	0	0	0	4
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	0	0	0	0	0	0
117	3	17	0	0	0	20
118	4	4	0	0	0	8
119	72	60	9	0	0	141
120	3	3	0	0	0	6

Table C-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	32	16	0	56	0	104
122	12	18	0	18	0	48
123	81	34	0	0	0	115
124	5	0	0	0	0	5
125	67	88	0	0	0	155
126	63	13	9	9	0	94
127	19	47	0	0	0	66
128	116	104	7	8	106	341
129	71	57	0	0	0	128
130	0	0	0	0	0	0
131	8	0	0	0	0	8
132	26	43	0	0	0	69
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	2	2	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	3	3	0	0	0	6
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	0	0	0	0	0	0
150	12	0	0	0	0	12
151	0	0	0	0	0	0
152	0	0	0	0	0	0
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	1	1	0	0	0	2
157	0	0	0	0	0	0
158	0	0	0	0	0	0
159	0	0	0	0	0	0
160	10	8	0	0	0	18
Sub-Total Internal	11,559	6,856	3,545	2,582	318	24,860
External Trips	226	272	17	44	6	565
Total Trips	11,785	7,128	3,562	2,626	324	25,425

Table C-6
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	13	0	0	13
1	250	90	54	18	0	412
2	1,905	1,202	524	166	7	3,804
3	1,102	862	374	129	85	2,552
4	168	71	16	5	0	260
5	189	33	20	50	10	302
6	73	38	0	0	0	111
7	78	43	0	13	0	134
8	98	36	25	0	0	159
9	80	3	44	6	0	133
10	25	16	22	0	0	63
11	55	14	60	6	0	135
12	112	67	6	7	0	192
13	59	45	53	0	0	157
14	155	57	25	0	4	241
15	146	62	38	7	0	253
16	0	0	0	0	0	0
17	182	104	206	0	0	492
18	18	9	0	0	0	27
19	68	76	0	0	0	144
20	0	0	0	0	0	0
21	313	237	203	936	19	1,708
22	99	74	7	30	0	210
23	68	37	27	98	0	230
24	319	126	120	188	0	753
25	373	202	152	80	0	807
26	99	67	0	8	0	174
27	155	78	30	31	0	294
28	104	49	8	0	0	161
29	167	81	22	0	0	270
30	380	221	183	79	0	863
31	170	77	0	15	0	262
32	209	113	87	161	0	570
33	199	82	27	0	0	308
34	222	64	113	22	0	421
35	226	100	33	11	80	450
36	154	128	44	0	0	326
37	126	56	16	0	0	198
38	29	20	0	0	0	49
39	55	32	4	0	0	91
40	168	122	10	0	0	300

Table C-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	32	0	0	0	0	32
42	96	96	48	0	0	240
43	84	81	25	17	0	207
44	52	47	7	7	0	113
45	147	49	30	20	0	246
46	123	42	0	26	0	191
47	50	47	6	0	0	103
48	59	20	8	14	0	101
49	61	28	27	36	0	152
50	53	5	46	0	0	104
51	67	13	124	41	0	245
52	151	102	34	4	0	291
53	188	129	67	55	0	439
54	111	91	91	18	0	311
55	90	15	35	0	0	140
56	100	61	0	157	0	318
57	44	61	40	0	0	145
58	13	13	7	0	0	33
59	6	2	6	4	0	18
60	5	10	0	16	0	31
61	31	9	29	0	0	69
62	13	0	27	11	0	51
63	38	50	78	26	0	192
64	35	35	7	0	0	77
65	29	15	0	0	0	44
66	38	7	47	0	0	92
67	4	16	11	0	0	31
68	26	28	38	17	0	109
69	11	7	16	0	0	34
70	33	12	0	6	0	51
71	11	0	0	28	0	39
72	15	4	15	0	0	34
73	49	14	48	0	0	111
74	13	12	0	0	0	25
75	35	15	33	0	0	83
76	50	31	0	0	0	81
77	47	40	0	0	0	87
78	20	26	7	0	0	53
79	24	4	0	7	0	35
80	4	4	0	0	0	8

Table C-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	136	73	0	0	0	209
82	61	7	0	10	0	78
83	0	0	19	0	0	19
84	170	123	23	12	0	328
85	56	9	0	0	0	65
86	27	44	0	0	0	71
87	67	76	0	0	0	143
88	0	0	0	0	0	0
89	52	18	17	0	0	87
90	60	42	0	0	0	102
91	43	24	11	0	16	94
92	61	21	3	0	0	85
93	26	14	0	0	0	40
94	36	9	21	0	0	66
95	56	27	0	0	0	83
96	16	30	0	0	0	46
97	4	8	0	0	0	12
98	17	3	0	0	0	20
99	2	0	0	0	0	2
100	4	0	0	0	0	4
101	0	0	0	0	0	0
102	3	10	0	3	0	16
103	1	0	0	0	0	1
104	0	0	8	0	0	8
105	5	0	0	0	0	5
106	0	0	3	0	0	3
107	43	13	37	17	0	110
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	9	4	0	0	0	13
111	3	3	0	0	0	6
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	0	0	0	0	0	0
117	4	18	0	0	0	22
118	4	4	0	0	0	8
119	74	61	10	0	0	145
120	4	4	0	0	0	8

Table C-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	33	17	0	57	0	107
122	13	20	0	19	0	52
123	85	36	0	0	0	121
124	5	0	0	0	0	5
125	88	116	0	0	0	204
126	70	14	10	10	0	104
127	21	51	0	0	0	72
128	130	116	8	8	119	381
129	82	66	0	0	0	148
130	0	0	0	0	0	0
131	9	0	0	0	0	9
132	27	43	0	0	0	70
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	2	2	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	3	3	0	0	0	6
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	0	0	0	0	0	0
150	12	0	0	0	0	12
151	0	0	0	0	0	0
152	0	0	0	0	0	0
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	1	1	0	0	0	2
157	0	0	0	0	0	0
158	0	0	0	0	0	0
159	0	0	0	0	0	0
160	10	8	0	0	0	18
Sub-Total Internal	12,091	7,173	3,693	2,712	340	26,009
External Trips	237	285	17	46	7	592
Total Trips	12,328	7,458	3,710	2,758	347	26,601

Table C-7
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	13	0	0	13
1	256	93	57	18	0	424
2	1,948	1,230	535	170	7	3,890
3	1,126	883	382	132	87	2,610
4	171	73	16	5	0	265
5	193	34	21	51	10	309
6	74	38	0	0	0	112
7	80	45	0	13	0	138
8	100	37	25	0	0	162
9	82	3	44	6	0	135
10	26	16	22	0	0	64
11	57	14	61	6	0	138
12	114	67	6	8	0	195
13	61	47	55	0	0	163
14	158	58	25	0	5	246
15	149	63	39	8	0	259
16	0	0	0	0	0	0
17	186	107	211	0	0	504
18	18	9	0	0	0	27
19	69	77	0	0	0	146
20	0	0	0	0	0	0
21	323	245	210	970	19	1,767
22	104	78	8	32	0	222
23	68	39	28	100	0	235
24	364	144	138	216	0	862
25	384	208	156	83	0	831
26	103	69	0	9	0	181
27	168	81	32	34	0	315
28	121	51	10	0	0	182
29	172	82	25	0	0	279
30	399	230	192	82	0	903
31	193	87	0	18	0	298
32	214	117	90	165	0	586
33	207	84	28	0	0	319
34	230	66	118	23	0	437
35	233	102	34	11	83	463
36	160	132	46	0	0	338
37	132	57	17	0	0	206
38	31	22	0	0	0	53
39	58	33	4	0	0	95
40	172	126	10	0	0	308

Table C-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	34	0	0	0	0	34
42	100	100	49	0	0	249
43	89	85	26	17	0	217
44	55	50	7	7	0	119
45	154	52	31	21	0	258
46	127	43	0	26	0	196
47	51	48	6	0	0	105
48	61	20	9	14	0	104
49	63	30	27	37	0	157
50	54	6	48	0	0	108
51	70	14	130	43	0	257
52	161	108	38	5	0	312
53	195	135	71	58	0	459
54	117	97	96	19	0	329
55	96	15	39	0	0	150
56	102	63	0	164	0	329
57	46	63	41	0	0	150
58	13	13	8	0	0	34
59	7	2	6	4	0	19
60	5	11	0	17	0	33
61	31	9	30	0	0	70
62	13	0	29	12	0	54
63	40	52	82	26	0	200
64	37	36	7	0	0	80
65	29	16	0	0	0	45
66	41	7	52	0	0	100
67	4	16	11	0	0	31
68	27	29	41	18	0	115
69	12	8	17	0	0	37
70	36	14	0	7	0	57
71	13	0	0	32	0	45
72	15	4	17	0	0	36
73	52	14	51	0	0	117
74	14	13	0	0	0	27
75	37	15	35	0	0	87
76	54	33	0	0	0	87
77	50	42	0	0	0	92
78	21	27	7	0	0	55
79	25	4	0	7	0	36
80	4	4	0	0	0	8

Table C-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	148	81	0	0	0	229
82	65	8	0	11	0	84
83	0	0	21	0	0	21
84	177	128	24	12	0	341
85	58	9	0	0	0	67
86	28	46	0	0	0	74
87	72	80	0	0	0	152
88	0	0	0	0	0	0
89	59	21	20	0	0	100
90	63	44	0	0	0	107
91	47	26	12	0	18	103
92	62	22	3	0	0	87
93	28	15	0	0	0	43
94	41	10	23	0	0	74
95	61	28	0	0	0	89
96	19	34	0	0	0	53
97	4	8	0	0	0	12
98	17	3	0	0	0	20
99	3	0	0	0	0	3
100	4	0	0	0	0	4
101	0	0	0	0	0	0
102	3	10	0	3	0	16
103	1	0	0	0	0	1
104	0	0	8	0	0	8
105	5	0	0	0	0	5
106	0	0	3	0	0	3
107	44	13	39	18	0	114
108	0	0	0	0	0	0
109	0	0	0	0	0	0
110	9	4	0	0	0	13
111	3	3	0	0	0	6
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	0	0	0	0	0	0
117	4	18	0	0	0	22
118	4	4	0	0	0	8
119	76	62	10	0	0	148
120	4	4	0	0	0	8

Table C-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - DCA Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	34	18	0	60	0	112
122	15	20	0	21	0	56
123	87	42	0	0	0	129
124	6	0	0	0	0	6
125	112	146	0	0	0	258
126	80	16	12	11	0	119
127	22	56	0	0	0	78
128	147	135	10	9	127	428
129	95	77	0	0	0	172
130	0	0	0	0	0	0
131	11	0	0	0	0	11
132	27	44	0	0	0	71
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	2	2	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	4	4	0	0	0	8
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	0	0	0	0	0	0
150	13	0	0	0	0	13
151	0	0	0	0	0	0
152	0	0	0	0	0	0
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	1	1	0	0	0	2
157	0	0	0	0	0	0
158	0	0	0	0	0	0
159	0	0	0	0	0	0
160	10	8	0	0	0	18
Sub-Total Internal	3,930	2,548	1,196	679	145	8,498
External Trips	247	297	18	48	7	617
Total Trips	4,177	2,845	1,214	727	152	9,115

Appendix D
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Air Passenger Trips
By Mode
IAD Airport
2000 - 2030

Table D-1
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	3	6	0	0	0	9
1	48	1	0	0	0	49
2	357	170	0	262	10	799
3	141	56	0	177	0	374
4	69	69	0	43	0	181
5	96	52	0	75	0	223
6	15	5	0	0	0	20
7	52	18	0	0	0	70
8	54	48	0	11	0	113
9	42	7	0	31	0	80
10	22	0	0	12	0	34
11	36	6	0	0	0	42
12	16	0	0	8	0	24
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	13	49	0	2	0	64
16	8	8	0	0	0	16
17	81	88	0	28	0	197
18	0	0	0	8	0	8
19	8	0	0	0	0	8
20	14	9	7	0	0	30
21	87	50	0	75	0	212
22	27	8	0	0	0	35
23	9	0	0	0	0	9
24	51	14	0	16	0	81
25	67	68	0	22	0	157
26	50	29	0	0	0	79
27	52	69	0	16	0	137
28	15	22	0	0	0	37
29	22	6	0	16	0	44
30	19	30	0	21	0	70
31	6	3	0	0	0	9
32	65	9	0	17	0	91
33	115	108	0	10	0	233
34	188	47	0	0	0	235
35	87	11	0	24	0	122
36	178	63	0	0	0	241
37	226	119	0	0	0	345
38	65	45	0	0	0	110
39	213	68	0	0	0	281
40	363	135	0	25	0	523

Table D-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	174	56	0	41	0	271
42	431	190	0	0	0	621
43	404	190	0	46	0	640
44	323	124	0	23	0	470
45	433	171	0	41	0	645
46	109	74	0	0	0	183
47	94	25	0	21	0	140
48	49	72	0	7	0	128
49	9	19	0	0	0	28
50	3	5	0	10	0	18
51	60	97	0	17	32	206
52	24	22	0	8	0	54
53	126	62	0	12	0	200
54	128	125	0	20	0	273
55	69	25	0	0	0	94
56	155	191	0	0	0	346
57	183	95	0	27	0	305
58	29	7	0	0	0	36
59	50	29	0	0	0	79
60	4	4	0	24	0	32
61	71	47	0	26	0	144
62	10	15	0	0	0	25
63	45	51	0	12	0	108
64	82	19	0	18	0	119
65	27	24	0	6	0	57
66	4	7	0	18	0	29
67	26	1	0	0	0	27
68	53	64	0	0	0	117
69	20	20	0	0	0	40
70	32	15	0	0	0	47
71	0	0	0	0	0	0
72	1	6	0	0	0	7
73	19	32	0	0	0	51
74	37	46	0	10	0	93
75	8	0	0	2	0	10
76	0	0	0	0	0	0
77	13	5	0	0	0	18
78	2	2	0	0	0	4
79	0	0	0	0	0	0
80	11	0	0	0	0	11

Table D-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	27	4	0	0	0	31
82	77	33	0	0	0	110
83	37	26	0	0	0	63
84	88	76	0	35	0	199
85	133	28	0	0	0	161
86	184	98	0	0	0	282
87	41	7	0	0	0	48
88	25	30	0	0	0	55
89	12	23	0	66	0	101
90	260	149	0	0	8	417
91	315	101	0	126	0	542
92	248	127	0	165	0	540
93	61	16	0	7	0	84
94	12	2	0	0	0	14
95	89	3	0	52	32	176
96	57	3	0	5	0	65
97	3	5	0	0	0	8
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100	6	11	0	8	0	25
101	6	14	0	0	0	20
102	6	2	0	10	0	18
103	0	0	0	10	0	10
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	3	0	0	0	0	3
108	15	0	0	0	0	15
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	8	0	0	0	0	8
117	0	0	0	0	0	0
118	0	0	0	0	0	0
119	30	4	0	0	0	34
120	4	4	0	0	0	8

Table D-1 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2000 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	8	0	0	0	0	8
122	0	0	0	0	0	0
123	6	14	0	0	0	20
124	28	5	0	0	0	33
125	8	8	0	0	0	16
126	17	23	0	0	0	40
127	18	26	0	22	0	66
128	19	5	0	0	0	24
129	45	36	0	0	0	81
130	52	30	0	0	0	82
131	18	10	0	9	0	37
132	5	3	0	8	0	16
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	11	19	0	0	0	30
137	10	10	0	0	0	20
138	6	0	0	144	6	156
139	0	0	0	0	0	0
140	11	15	0	0	0	26
141	0	0	0	0	0	0
142	0	0	0	0	0	0
143	7	0	0	0	0	7
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	12	35	0	0	0	47
148	0	0	0	10	0	10
149	0	0	0	0	0	0
150	5	0	0	0	0	5
151	0	0	0	0	0	0
152	9	8	0	0	0	17
153	0	0	0	0	0	0
154	4	4	0	0	0	8
155	0	0	0	0	0	0
156	0	0	0	0	0	0
157	0	0	0	0	0	0
158	5	10	0	0	0	15
159	3	3	0	0	0	6
160	0	0	0	0	0	0
Sub-Total Internal	8,352	4,463	7	1,965	88	14,875
External Trips	623	524	0	201	322	1,670
Total Trips	8,975	4,987	7	2,166	410	16,545

Table D-2
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	3	5	0	0	0	8
1	46	1	0	0	0	47
2	389	185	0	284	11	869
3	128	51	0	160	0	339
4	62	63	0	39	0	164
5	89	47	0	67	0	203
6	14	5	0	0	0	19
7	47	16	0	0	0	63
8	49	45	0	11	0	105
9	39	6	0	28	0	73
10	20	0	0	11	0	31
11	35	6	0	0	0	41
12	14	0	0	8	0	22
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	12	46	0	2	0	60
16	8	8	0	0	0	16
17	74	79	0	25	0	178
18	0	0	0	8	0	8
19	7	0	0	0	0	7
20	12	8	7	0	0	27
21	67	38	0	56	0	161
22	28	8	0	0	0	36
23	8	0	0	0	0	8
24	47	14	0	15	0	76
25	72	75	0	24	0	171
26	46	26	0	0	0	72
27	48	64	0	15	0	127
28	14	20	0	0	0	34
29	20	6	0	15	0	41
30	21	36	0	22	0	79
31	6	3	0	0	0	9
32	62	9	0	16	0	87
33	104	98	0	9	0	211
34	206	51	0	0	0	257
35	87	11	0	23	0	121
36	168	61	0	0	0	229
37	207	109	0	0	0	316
38	63	44	0	0	0	107
39	211	68	0	0	0	279
40	361	134	0	25	0	520

Table D-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	184	56	0	46	0	286
42	412	182	0	0	0	594
43	462	221	0	51	0	734
44	315	123	0	22	0	460
45	444	171	0	42	0	657
46	101	69	0	0	0	170
47	88	24	0	19	0	131
48	46	68	0	6	0	120
49	9	18	0	0	0	27
50	2	5	0	9	0	16
51	64	103	0	17	35	219
52	24	21	0	7	0	52
53	151	79	0	12	0	242
54	126	123	0	20	0	269
55	74	25	0	0	0	99
56	142	175	0	0	0	317
57	193	98	0	29	0	320
58	29	7	0	0	0	36
59	46	26	0	0	0	72
60	3	3	0	22	0	28
61	66	43	0	24	0	133
62	10	14	0	0	0	24
63	41	46	0	11	0	98
64	74	18	0	16	0	108
65	25	22	0	5	0	52
66	3	7	0	17	0	27
67	24	1	0	0	0	25
68	49	58	0	0	0	107
69	20	20	0	0	0	40
70	32	15	0	0	0	47
71	0	0	0	0	0	0
72	1	6	0	0	0	7
73	18	30	0	0	0	48
74	38	48	0	11	0	97
75	9	0	0	2	0	11
76	0	0	0	0	0	0
77	12	5	0	0	0	17
78	2	2	0	0	0	4
79	0	0	0	0	0	0
80	10	0	0	0	0	10

Table D-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	26	4	0	0	0	30
82	81	36	0	0	0	117
83	39	27	0	0	0	66
84	89	77	0	36	0	202
85	193	42	0	0	0	235
86	182	96	0	0	0	278
87	73	16	0	0	0	89
88	60	72	0	0	0	132
89	13	27	0	75	0	115
90	259	149	0	0	8	416
91	378	122	0	149	0	649
92	368	186	0	208	0	762
93	72	19	0	9	0	100
94	12	2	0	0	0	14
95	88	3	0	50	31	172
96	55	3	0	5	0	63
97	3	5	0	0	0	8
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100	6	10	0	8	0	24
101	6	14	0	0	0	20
102	6	2	0	10	0	18
103	0	0	0	9	0	9
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	3	0	0	0	0	3
108	20	0	0	0	0	20
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	8	0	0	0	0	8
117	0	0	0	0	0	0
118	0	0	0	0	0	0
119	30	4	0	0	0	34
120	4	4	0	0	0	8

Table D-2 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2005 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	8	0	0	0	0	8
122	0	0	0	0	0	0
123	6	14	0	0	0	20
124	28	5	0	0	0	33
125	9	9	0	0	0	18
126	19	24	0	0	0	43
127	21	31	0	24	0	76
128	20	6	0	0	0	26
129	47	37	0	0	0	84
130	50	30	0	0	0	80
131	18	10	0	9	0	37
132	4	3	0	7	0	14
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	10	16	0	0	0	26
137	9	9	0	0	0	18
138	6	0	0	130	6	142
139	0	0	0	0	0	0
140	10	13	0	0	0	23
141	0	0	0	0	0	0
142	0	0	0	0	0	0
143	7	0	0	0	0	7
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	11	33	0	0	0	44
148	0	0	0	9	0	9
149	0	0	0	0	0	0
150	5	0	0	0	0	5
151	0	0	0	0	0	0
152	8	7	0	0	0	15
153	0	0	0	0	0	0
154	4	4	0	0	0	8
155	0	0	0	0	0	0
156	0	0	0	0	0	0
157	0	0	0	0	0	0
158	5	10	0	0	0	15
159	3	3	0	0	0	6
160	0	0	0	0	0	0
Sub-Total Internal	8,625	4,562	7	1,989	91	15,274
External Trips	639	537	0	207	331	1,714
Total Trips	9,264	5,099	7	2,196	422	16,988

Table D-3
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	4	8	0	0	0	12
1	62	1	0	0	0	63
2	590	281	0	431	17	1,319
3	180	71	0	225	0	476
4	87	88	0	55	0	230
5	125	66	0	93	0	284
6	19	6	0	0	0	25
7	67	23	0	0	0	90
8	69	62	0	15	0	146
9	54	9	0	39	0	102
10	27	0	0	15	0	42
11	49	8	0	0	0	57
12	20	0	0	11	0	31
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	19	66	0	3	0	88
16	12	12	0	0	0	24
17	103	111	0	35	0	249
18	0	0	0	13	0	13
19	10	0	0	0	0	10
20	17	11	9	0	0	37
21	120	68	0	101	0	289
22	38	10	0	0	0	48
23	11	0	0	0	0	11
24	71	20	0	23	0	114
25	113	117	0	38	0	268
26	64	37	0	0	0	101
27	70	92	0	21	0	183
28	23	30	0	0	0	53
29	33	9	0	21	0	63
30	30	52	0	33	0	115
31	10	5	0	0	0	15
32	89	13	0	23	0	125
33	150	141	0	12	0	303
34	315	78	0	0	0	393
35	132	17	0	34	0	183
36	245	88	0	0	0	333
37	296	155	0	0	0	451
38	93	67	0	0	0	160
39	314	100	0	0	0	414
40	545	202	0	37	0	784

Table D-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	295	90	0	74	0	459
42	596	264	0	0	0	860
43	723	343	0	82	0	1,148
44	465	181	0	33	0	679
45	686	265	0	66	0	1,017
46	145	99	0	0	0	244
47	122	33	0	27	0	182
48	64	94	0	9	0	167
49	12	26	0	0	0	38
50	4	7	0	13	0	24
51	94	151	0	24	51	320
52	39	34	0	11	0	84
53	249	132	0	20	0	401
54	188	183	0	29	0	400
55	125	43	0	0	0	168
56	207	254	0	0	0	461
57	281	144	0	42	0	467
58	44	11	0	0	0	55
59	64	37	0	0	0	101
60	5	5	0	32	0	42
61	93	62	0	33	0	188
62	14	20	0	0	0	34
63	58	66	0	16	0	140
64	106	24	0	23	0	153
65	35	31	0	7	0	73
66	6	12	0	24	0	42
67	33	1	0	0	0	34
68	67	80	0	0	0	147
69	32	32	0	0	0	64
70	45	21	0	0	0	66
71	0	0	0	0	0	0
72	2	8	0	0	0	10
73	25	42	0	0	0	67
74	60	75	0	17	0	152
75	14	0	0	3	0	17
76	0	0	0	0	0	0
77	18	7	0	0	0	25
78	3	3	0	0	0	6
79	0	0	0	0	0	0
80	15	0	0	0	0	15

Table D-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	39	5	0	0	0	44
82	125	55	0	0	0	180
83	61	42	0	0	0	103
84	129	113	0	52	0	294
85	367	80	0	0	0	447
86	272	141	0	0	0	413
87	142	31	0	0	0	173
88	149	179	0	0	0	328
89	23	46	0	131	0	200
90	390	224	0	0	11	625
91	634	204	0	250	0	1,088
92	662	334	0	366	0	1,362
93	127	33	0	16	0	176
94	18	3	0	0	0	21
95	136	4	0	79	49	268
96	83	4	0	8	0	95
97	4	8	0	0	0	12
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100	8	14	0	11	0	33
101	8	19	0	0	0	27
102	8	3	0	15	0	26
103	0	0	0	14	0	14
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	5	0	0	0	0	5
108	32	0	0	0	0	32
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	11	0	0	0	0	11
117	0	0	0	0	0	0
118	0	0	0	0	0	0
119	44	5	0	0	0	49
120	5	5	0	0	0	10

Table D-3 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2010 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
121	12	0	0	0	0	12
122	0	0	0	0	0	0
123	9	22	0	0	0	31
124	41	9	0	0	0	50
125	14	14	0	0	0	28
126	32	39	0	0	0	71
127	35	53	0	39	0	127
128	32	9	0	0	0	41
129	73	59	0	0	0	132
130	76	45	0	0	0	121
131	28	16	0	15	0	59
132	6	4	0	10	0	20
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	14	22	0	0	0	36
137	13	13	0	0	0	26
138	9	0	0	180	8	197
139	0	0	0	0	0	0
140	14	18	0	0	0	32
141	0	1	0	0	0	1
142	0	0	0	0	0	0
143	11	0	0	0	0	11
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	16	47	0	0	0	63
148	0	0	0	13	0	13
149	0	0	0	0	0	0
150	8	0	0	0	0	8
151	0	0	0	0	0	0
152	12	11	0	0	0	23
153	0	0	0	0	0	0
154	6	6	0	0	0	12
155	0	0	0	0	0	0
156	0	0	0	0	0	0
157	0	0	0	0	0	0
158	7	15	0	0	0	22
159	5	5	0	0	0	10
160	0	0	0	0	0	0
Sub-Total Internal	13,265	6,964	9	3,062	136	23,436
External Trips	981	825	0	317	508	2,631
Total Trips	14,246	7,789	9	3,379	644	26,067

Table D-4
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	15	0	0	15
1	36	13	29	4	0	82
2	683	406	662	92	3	1,846
3	189	153	220	31	20	613
4	181	79	30	12	0	302
5	149	39	102	62	12	364
6	23	8	0	0	0	31
7	75	31	23	0	0	129
8	112	41	33	0	0	186
9	77	3	44	6	0	130
10	22	14	20	0	0	56
11	32	8	34	3	0	77
12	22	13	7	2	0	44
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	78	35	21	5	0	139
16	16	16	0	0	0	32
17	121	70	133	0	0	324
18	0	0	0	20	0	20
19	13	0	0	0	0	13
20	22	14	11	0	0	47
21	155	94	113	108	0	470
22	47	16	7	0	0	70
23	8	3	3	1	0	15
24	55	26	52	24	0	157
25	135	75	127	39	0	376
26	71	41	20	0	0	132
27	120	66	37	22	0	245
28	41	24	4	0	0	69
29	53	23	14	0	0	90
30	74	34	23	23	0	154
31	14	7	3	0	0	24
32	108	16	17	25	0	166
33	179	167	40	12	0	398
34	427	107	0	0	0	534
35	174	22	15	34	0	245
36	324	116	0	0	0	440
37	391	206	0	0	0	597
38	125	88	0	0	0	213
39	419	134	0	0	0	553
40	653	249	83	49	0	1,034

Table D-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	406	131	0	96	0	633
42	692	250	149	51	0	1,142
43	563	376	320	263	0	1,522
44	542	208	108	44	0	902
45	617	262	236	197	0	1,312
46	176	120	19	0	0	315
47	147	42	19	26	0	234
48	83	122	0	12	0	217
49	15	33	3	0	0	51
50	10	14	5	5	0	34
51	131	177	66	53	13	440
52	49	47	3	14	0	113
53	339	168	16	16	0	539
54	263	257	17	22	0	559
55	194	69	0	0	0	263
56	271	331	0	0	0	602
57	379	196	0	56	0	631
58	61	14	0	0	0	75
59	80	47	4	0	0	131
60	26	25	2	7	0	60
61	122	81	0	45	0	248
62	18	28	0	0	0	46
63	77	81	11	15	0	184
64	131	32	12	24	0	199
65	46	41	0	10	0	97
66	29	13	9	7	0	58
67	29	9	7	0	0	45
68	81	83	29	0	0	193
69	37	38	13	0	0	88
70	55	28	7	0	0	90
71	0	0	0	0	0	0
72	9	4	1	0	0	14
73	35	45	14	0	0	94
74	74	89	32	17	0	212
75	18	0	0	4	0	22
76	0	0	0	0	0	0
77	20	8	4	0	0	32
78	5	5	0	0	0	10
79	0	0	0	0	0	0
80	19	0	0	0	0	19

Table D-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	54	8	0	0	0	62
82	185	81	0	0	0	266
83	85	59	0	0	0	144
84	170	149	0	69	0	388
85	544	114	0	0	0	658
86	363	194	0	0	0	557
87	226	40	0	0	0	266
88	267	321	0	0	0	588
89	37	71	0	204	0	312
90	529	303	0	0	16	848
91	759	472	169	287	0	1,687
92	1,120	549	127	317	0	2,113
93	201	52	0	23	0	276
94	27	4	0	0	0	31
95	194	6	0	112	69	381
96	118	6	0	10	0	134
97	6	10	0	0	0	16
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100	10	18	0	13	0	41
101	11	25	0	0	0	36
102	11	4	0	19	0	34
103	0	0	0	18	0	18
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	6	0	0	0	0	6
108	47	0	0	0	0	47
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	14	0	0	0	0	14
117	0	0	0	0	0	0
118	0	0	0	0	0	0
119	58	8	0	0	0	66
120	7	7	0	0	0	14

Table D-4 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2015 - IAD Airport

AAZ	Arrival Mode					
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
121	16	0	0	0	0	16
122	0	0	0	0	0	0
123	14	32	0	0	0	46
124	61	13	0	0	0	74
125	19	19	0	0	0	38
126	45	56	0	0	0	101
127	49	71	0	60	0	180
128	48	13	0	0	0	61
129	108	86	0	0	0	194
130	103	61	0	0	0	164
131	41	23	0	20	0	84
132	8	5	0	13	0	26
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	17	29	0	0	0	46
137	17	17	0	0	0	34
138	10	0	0	233	10	253
139	0	0	0	0	0	0
140	18	23	0	0	0	41
141	0	0	0	0	0	0
142	0	0	0	0	0	0
143	15	0	0	0	0	15
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	21	60	0	0	0	81
148	0	0	0	17	0	17
149	0	0	0	0	0	0
150	10	0	0	0	0	10
151	0	0	0	0	0	0
152	15	14	0	0	0	29
153	0	0	0	0	0	0
154	7	7	0	0	0	14
155	0	0	0	0	0	0
156	0	0	0	0	0	0
157	0	0	0	0	0	0
158	10	20	0	0	0	30
159	6	6	0	0	0	12
160	0	0	0	0	0	0
Sub-Total Internal	16,980	8,987	3,344	2,973	143	32,427
External Trips	1,357	1,141	0	439	702	3,639
Total Trips	18,337	10,128	3,344	3,412	845	36,066

Table D-5
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	17	0	0	17
1	41	15	34	4	0	94
2	834	495	805	89	4	2,227
3	219	177	254	36	24	710
4	208	90	35	14	0	347
5	172	45	117	72	14	420
6	28	9	0	0	0	37
7	87	36	27	0	0	150
8	130	48	39	0	0	217
9	91	4	52	7	0	154
10	26	17	23	0	0	66
11	37	9	40	4	0	90
12	27	16	8	2	0	53
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	91	41	24	5	0	161
16	19	19	0	0	0	38
17	139	80	153	0	0	372
18	0	0	0	23	0	23
19	15	0	0	0	0	15
20	25	16	12	0	0	53
21	183	111	133	127	0	554
22	54	18	8	0	0	80
23	10	3	3	1	0	17
24	69	33	65	30	0	197
25	161	90	152	46	0	449
26	82	47	23	0	0	152
27	148	82	45	27	0	302
28	52	30	5	0	0	87
29	65	29	17	0	0	111
30	87	40	27	27	0	181
31	20	10	5	0	0	35
32	125	19	19	29	0	192
33	207	194	46	14	0	461
34	507	128	0	0	0	635
35	205	26	17	40	0	288
36	378	136	0	0	0	514
37	457	240	0	0	0	697
38	146	103	0	0	0	249
39	490	156	0	0	0	646
40	759	289	96	57	0	1,201

Table D-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	494	160	0	117	0	771
42	809	293	174	60	0	1,336
43	667	446	379	307	0	1,799
44	638	244	128	52	0	1,062
45	729	310	279	233	0	1,551
46	204	138	22	0	0	364
47	168	48	21	29	0	266
48	95	139	0	14	0	248
49	17	37	3	0	0	57
50	12	16	6	6	0	40
51	177	239	90	72	18	596
52	59	57	4	16	0	136
53	401	199	19	19	0	638
54	320	312	20	27	0	679
55	256	91	0	0	0	347
56	313	384	0	0	0	697
57	447	231	0	66	0	744
58	72	17	0	0	0	89
59	92	54	5	0	0	151
60	31	30	2	9	0	72
61	141	94	0	52	0	287
62	21	32	0	0	0	53
63	91	96	13	17	0	217
64	152	37	14	28	0	231
65	54	48	0	11	0	113
66	37	17	11	9	0	74
67	33	10	8	0	0	51
68	95	97	34	0	0	226
69	45	46	16	0	0	107
70	68	34	9	0	0	111
71	0	0	0	0	0	0
72	10	5	1	0	0	16
73	42	55	17	0	0	114
74	89	107	38	20	0	254
75	22	0	0	6	0	28
76	0	0	0	0	0	0
77	23	9	4	0	0	36
78	6	6	0	0	0	12
79	0	0	0	0	0	0
80	22	0	0	0	0	22

Table D-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	64	10	0	0	0	74
82	237	104	0	0	0	341
83	103	72	0	0	0	175
84	198	173	0	80	0	451
85	663	140	0	0	0	803
86	431	231	0	0	0	662
87	282	49	0	0	0	331
88	373	448	0	0	0	821
89	50	96	0	274	0	420
90	628	360	0	0	19	1,007
91	984	612	219	372	0	2,187
92	1,480	726	168	419	0	2,793
93	262	68	0	30	0	360
94	33	6	0	0	0	39
95	242	8	0	140	86	476
96	146	8	0	13	0	167
97	7	11	0	0	0	18
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100	12	22	0	16	0	50
101	12	29	0	0	0	41
102	13	4	0	22	0	39
103	0	0	0	20	0	20
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	8	0	0	0	0	8
108	58	0	0	0	0	58
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	17	0	0	0	0	17
117	0	0	0	0	0	0
118	0	0	0	0	0	0
119	68	9	0	0	0	77
120	8	8	0	0	0	16

Table D-5 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2020 - IAD Airport

AAZ	Arrival Mode					
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
121	18	0	0	0	0	18
122	0	0	0	0	0	0
123	18	42	0	0	0	60
124	79	17	0	0	0	96
125	24	24	0	0	0	48
126	59	72	0	0	0	131
127	62	89	0	75	0	226
128	61	16	0	0	0	77
129	143	114	0	0	0	257
130	125	74	0	0	0	199
131	52	29	0	26	0	107
132	10	6	0	16	0	32
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	19	34	0	0	0	53
137	19	19	0	0	0	38
138	11	0	0	268	11	290
139	0	0	0	0	0	0
140	21	27	0	0	0	48
141	0	0	0	0	0	0
142	0	0	0	0	0	0
143	17	0	0	0	0	17
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	24	69	0	0	0	93
148	0	0	0	19	0	19
149	0	0	0	0	0	0
150	12	0	0	0	0	12
151	0	0	0	0	0	0
152	18	16	0	0	0	34
153	0	0	0	0	0	0
154	8	8	0	0	0	16
155	0	0	0	0	0	0
156	0	0	0	0	0	0
157	0	0	0	0	0	0
158	12	23	0	0	0	35
159	8	8	0	0	0	16
160	0	0	0	0	0	0
Sub-Total Internal	20,545	10,920	4,005	3,614	176	39,260
External Trips	1,643	1,381	0	531	850	4,405
Total Trips	22,188	12,301	4,005	4,145	1,026	43,665

Table D-6
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	18	0	0	18
1	44	16	36	4	0	100
2	933	554	906	100	4	2,497
3	235	190	273	38	25	761
4	223	96	37	15	0	371
5	185	49	126	77	15	452
6	29	10	0	0	0	39
7	98	41	30	0	0	169
8	139	51	42	0	0	232
9	98	4	56	8	0	166
10	28	18	25	0	0	71
11	40	10	44	4	0	98
12	29	17	9	2	0	57
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	100	45	27	6	0	178
16	20	20	0	0	0	40
17	147	85	163	0	0	395
18	0	0	0	25	0	25
19	16	0	0	0	0	16
20	27	17	13	0	0	57
21	207	125	150	144	0	626
22	58	20	9	0	0	87
23	10	4	4	1	0	19
24	79	38	75	34	0	226
25	175	97	166	51	0	489
26	87	50	24	0	0	161
27	161	89	49	29	0	328
28	58	33	6	0	0	97
29	72	32	18	0	0	122
30	96	44	30	30	0	200
31	23	12	5	0	0	40
32	133	20	20	31	0	204
33	222	207	49	15	0	493
34	550	138	0	0	0	688
35	220	28	18	43	0	309
36	410	147	0	0	0	557
37	491	258	0	0	0	749
38	159	113	0	0	0	272
39	530	169	0	0	0	699
40	818	312	104	62	0	1,296

Table D-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	557	180	0	132	0	869
42	870	315	187	64	0	1,436
43	738	493	419	339	0	1,989
44	689	264	138	56	0	1,147
45	804	342	308	257	0	1,711
46	219	149	23	0	0	391
47	180	51	23	31	0	285
48	101	149	0	14	0	264
49	18	39	4	0	0	61
50	13	17	6	6	0	42
51	224	302	113	91	23	753
52	65	62	5	18	0	150
53	441	219	21	21	0	702
54	353	345	23	30	0	751
55	284	102	0	0	0	386
56	334	408	0	0	0	742
57	480	248	0	70	0	798
58	76	18	0	0	0	94
59	97	57	5	0	0	159
60	36	35	3	10	0	84
61	149	100	0	55	0	304
62	23	35	0	0	0	58
63	100	105	14	19	0	238
64	163	39	15	30	0	247
65	57	51	0	12	0	120
66	45	20	13	11	0	89
67	35	11	8	0	0	54
68	102	105	37	0	0	244
69	53	54	19	0	0	126
70	76	38	10	0	0	124
71	0	0	0	0	0	0
72	12	6	1	0	0	19
73	46	59	18	0	0	123
74	99	118	42	23	0	282
75	26	0	0	7	0	33
76	0	0	0	0	0	0
77	25	10	5	0	0	40
78	7	7	0	0	0	14
79	0	0	0	0	0	0
80	23	0	0	0	0	23

Table D-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	75	11	0	0	0	86
82	268	119	0	0	0	387
83	120	84	0	0	0	204
84	215	188	0	87	0	490
85	737	155	0	0	0	892
86	472	253	0	0	0	725
87	315	55	0	0	0	370
88	438	525	0	0	0	963
89	62	120	0	343	0	525
90	688	394	0	0	21	1,103
91	1,170	728	260	442	0	2,600
92	1,735	851	196	491	0	3,273
93	303	78	0	34	0	415
94	39	7	0	0	0	46
95	242	8	0	140	86	476
96	146	8	0	13	0	167
97	7	11	0	0	0	18
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100	12	22	0	16	0	50
101	12	29	0	0	0	41
102	13	4	0	22	0	39
103	0	0	0	20	0	20
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	8	0	0	0	0	8
108	58	0	0	0	0	58
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	17	0	0	0	0	17
117	0	0	0	0	0	0
118	0	0	0	0	0	0
119	68	9	0	0	0	77
120	8	8	0	0	0	16

Table D-6 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2025 - IAD Airport

AAZ	Arrival Mode					
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
121	18	0	0	0	0	18
122	0	0	0	0	0	0
123	18	42	0	0	0	60
124	79	17	0	0	0	96
125	24	24	0	0	0	48
126	59	72	0	0	0	131
127	62	89	0	75	0	226
128	61	16	0	0	0	77
129	143	114	0	0	0	257
130	125	74	0	0	0	199
131	52	29	0	26	0	107
132	10	6	0	16	0	32
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	19	34	0	0	0	53
137	19	19	0	0	0	38
138	11	0	0	268	11	290
139	0	0	0	0	0	0
140	21	27	0	0	0	48
141	0	0	0	0	0	0
142	0	0	0	0	0	0
143	17	0	0	0	0	17
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	24	69	0	0	0	93
148	0	0	0	19	0	19
149	0	0	0	0	0	0
150	12	0	0	0	0	12
151	0	0	0	0	0	0
152	18	16	0	0	0	34
153	0	0	0	0	0	0
154	8	8	0	0	0	16
155	0	0	0	0	0	0
156	0	0	0	0	0	0
157	0	0	0	0	0	0
158	12	23	0	0	0	35
159	8	8	0	0	0	16
160	0	0	0	0	0	0
Sub-Total Internal	22,618	12,066	4,448	4,027	185	43,344
External Trips	1,830	1,539	0	592	947	4,908
Total Trips	24,448	13,605	4,448	4,619	1,132	48,252

Table D-7
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
0	0	0	19	0	0	19
1	47	17	39	5	0	108
2	1,002	596	975	107	4	2,684
3	254	205	294	41	27	821
4	240	104	40	16	0	400
5	199	53	136	83	16	487
6	32	11	0	0	0	43
7	106	44	33	0	0	183
8	151	55	45	0	0	251
9	106	4	61	8	0	179
10	31	19	27	0	0	77
11	43	11	47	5	0	106
12	32	19	9	2	0	62
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	107	48	29	6	0	190
16	22	22	0	0	0	44
17	159	91	175	0	0	425
18	0	0	0	27	0	27
19	17	0	0	0	0	17
20	29	19	14	0	0	62
21	225	137	164	157	0	683
22	64	22	10	0	0	96
23	11	4	4	1	0	20
24	94	45	89	40	0	268
25	190	106	180	55	0	531
26	95	55	26	0	0	176
27	180	99	55	32	0	366
28	67	39	7	0	0	113
29	81	36	21	0	0	138
30	107	49	33	33	0	222
31	30	15	7	0	0	52
32	144	22	22	33	0	221
33	242	226	54	16	0	538
34	601	151	0	0	0	752
35	239	30	20	47	0	336
36	446	161	0	0	0	607
37	534	281	0	0	0	815
38	176	124	0	0	0	300
39	578	185	0	0	0	763
40	891	339	113	67	0	1,410

Table D-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
41	624	202	0	148	0	974
42	944	342	203	70	0	1,559
43	820	548	465	377	0	2,210
44	752	288	150	61	0	1,251
45	891	379	341	284	0	1,895
46	238	162	26	0	0	426
47	193	55	25	34	0	307
48	109	160	0	16	0	285
49	20	43	4	0	0	67
50	14	18	7	7	0	46
51	265	358	134	107	27	891
52	75	71	5	21	0	172
53	481	239	23	23	0	766
54	387	378	25	33	0	823
55	315	112	0	0	0	427
56	360	440	0	0	0	800
57	518	268	0	76	0	862
58	83	19	0	0	0	102
59	105	62	5	0	0	172
60	40	39	3	11	0	93
61	162	108	0	60	0	330
62	24	37	0	0	0	61
63	109	115	16	21	0	261
64	178	43	16	32	0	269
65	62	55	0	13	0	130
66	51	23	15	12	0	101
67	38	12	9	0	0	59
68	111	114	40	0	0	265
69	61	63	22	0	0	146
70	85	43	11	0	0	139
71	0	0	0	0	0	0
72	13	7	1	0	0	21
73	51	65	20	0	0	136
74	109	131	47	25	0	312
75	30	0	0	7	0	37
76	0	0	0	0	0	0
77	28	11	5	0	0	44
78	8	8	0	0	0	16
79	0	0	0	0	0	0
80	25	0	0	0	0	25

Table D-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - IAD Airport

AAZ	Arrival Mode					Total
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	
81	84	13	0	0	0	97
82	302	134	0	0	0	436
83	140	99	0	0	0	239
84	236	206	0	95	0	537
85	818	172	0	0	0	990
86	521	279	0	0	0	800
87	352	62	0	0	0	414
88	491	589	0	0	0	1,080
89	76	146	0	418	0	640
90	772	442	0	0	24	1,238
91	1,406	875	313	531	0	3,125
92	1,982	972	224	561	0	3,739
93	352	91	0	40	0	483
94	48	8	0	0	0	56
95	315	11	0	182	112	620
96	202	11	0	18	0	231
97	8	13	0	0	0	21
98	0	0	0	0	0	0
99	0	0	0	0	0	0
100	14	26	0	19	0	59
101	14	33	0	0	0	47
102	15	5	0	25	0	45
103	0	0	0	25	0	25
104	0	0	0	0	0	0
105	0	0	0	0	0	0
106	0	0	0	0	0	0
107	9	0	0	0	0	9
108	70	0	0	0	0	70
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	0	0	0	0	0	0
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	0	0	0	0	0	0
116	20	0	0	0	0	20
117	0	0	0	0	0	0
118	0	0	0	0	0	0
119	82	11	0	0	0	93
120	10	10	0	0	0	20

Table D-7 cont...
Washington / Baltimore Air System Planning Region
Airport Ground Access Forecast Update
Average Weekday Trips by Mode 2030 - IAD Airport

AAZ	Arrival Mode					
	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
121	22	0	0	0	0	22
122	0	0	0	0	0	0
123	23	54	0	0	0	77
124	108	23	0	0	0	131
125	31	31	0	0	0	62
126	81	98	0	0	0	179
127	82	118	0	100	0	300
128	86	23	0	0	0	109
129	215	172	0	0	0	387
130	163	96	0	0	0	259
131	75	42	0	37	0	154
132	11	7	0	18	0	36
133	0	0	0	0	0	0
134	0	0	0	0	0	0
135	0	0	0	0	0	0
136	22	38	0	0	0	60
137	22	22	0	0	0	44
138	13	0	0	306	13	332
139	0	0	0	0	0	0
140	24	31	0	0	0	55
141	0	0	0	0	0	0
142	0	0	0	0	0	0
143	20	0	0	0	0	20
144	0	0	0	0	0	0
145	0	0	0	0	0	0
146	0	0	0	0	0	0
147	29	83	0	0	0	112
148	0	0	0	23	0	23
149	0	0	0	0	0	0
150	14	0	0	0	0	14
151	0	0	0	0	0	0
152	21	19	0	0	0	40
153	0	0	0	0	0	0
154	10	10	0	0	0	20
155	0	0	0	0	0	0
156	0	0	0	0	0	0
157	0	0	0	0	0	0
158	14	28	0	0	0	42
159	9	9	0	0	0	18
160	0	0	0	0	0	0
Sub-Total Internal	25,385	13,574	4,903	4,617	223	48,702
External Trips	2,038	1,714	0	659	1,055	5,466
Total Trips	27,423	15,288	4,903	5,276	1,278	54,168