

***Washington-Baltimore
Regional Airports
Air Passenger Ground Access Forecast Update***

September 2013



Metropolitan Washington Council of Governments

ABSTRACT FORM

TITLE

**Washington-Baltimore
Regional Airports Air Passenger
Ground Access Forecast Update**

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CREDITS:

Ronald F. Kirby, Director, Department of Transportation
Robert Griffiths, Director, Data and Technology Development
Richard Roisman, CASP Program Manager
Abdurahman Mohammed, Project Manager

Project Oversight:

Aviation Technical Subcommittee of
Transportation Planning Board Technical Committee

AUTHORS:-

Rich Roisman, AICP,MWCOG, Senior Transportation Planner
Abdurahman Mohammed, Senior Transportation Engineer

AGENCY:

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 regional air passenger ground access forecast for the three commercial airports in the Washington Baltimore region. The air passenger enplanements are based on data from FAA forecasts. The report documents the techniques used to forecast air passenger originations by resident status and trip mode by AAZ and jurisdiction for the Base year 2011 and forecast years through 2040 to the three commercial airports in the Washington/Baltimore region.

SUBJECT:

Air Passenger Ground Access Forecast Update

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Table of Contents

1. Introduction.....	1
2. Study Area	2
3. Air Passenger Ground Access Trip Forecasting Methodology	6
4. Conversion of 2011 Air Passenger Survey Data	8
to Average Weekday Air Passenger Ground Access Trips	
A. Review of 2011 Air Passenger Survey data	8
B. Review of Air Passenger Enplanement Forecast	9
C. Market Segmentation	13
5. Summarization of Base Year Air Passenger Ground Access Trips	14
6. Summarize Land Activity Data for 2010 Base Year and Forecast Years	16
7. Calculate Air Passenger Ground Access Trip Generation Factors.....	17
8. Calculate Air Passenger Ground Access Trips for 2011 and Forecast	18
Years.....	
9. Summarize 2011 Base Year Air Passenger Ground Access Trips.....	19
A. Calculate Air Passenger Ground Access Trips by Mode	20
10. Time-Of-Day Split.....	24
11. Summary and Conclusion.....	25
Appendix A:- Washington – Baltimore Air System Planning Region Aviation Analysis Zone System By Jurisdiction	
Appendix B:- Ground Access Forecast Update Average Weekday Trips by Airport 2011 – 2040	
Appendix C:- Ground Access Forecast Update Average Weekday Trips by Airport by Mode	
Appendix D:- Ground Access Forecast Update Average Weekday Trips by Jurisdiction By Airport	
Appendix E:- Ground Access Forecast Update Household and Employment Forecasts by Jurisdiction	

List of Tables

Table: 1 Annual Trip Originations by Airport (in Thousands)	8
Table 2: Annual Enplanements Internal/External Originations by Airport.....	9
Table 3: BWI Marshall Airport Enplanements Forecast	11
Table 4: Ronald Reagan National Airport Enplanements Forecast.....	12
Table 5: Washington Dulles International Airport Enplanements Forecast.....	12
Table 6: Regional Airports Annual and Local and Internal Trip Originations	13
Table 7: Average Weekday Air Passenger Ground Access Trips	15
Table 8: Household and Employment Forecast Summary	16
Table 9: Home and Non-Home Trip Rates by Resident Status.....	17
Table 10: Average Weekday Air Passenger Ground Access Trips.....	19
Table 11: Average Weekday Air Passenger Ground Access Trips by Mode.....	22
Table 12: Average Weekday Air Passenger Ground Access Trips by Time of Day	24

List of Figures

Figure 1:- Washington / Baltimore Air System Planning Region	4
Figure 2:-Washington0Baltimore Air System Region Aviation Analysis Zone System	5
Figure 3:- Air Passenger Ground Access Forecast Procedure.....	7
Figure 4: Average Weekday Air Passenger Ground Access Trips by Mode	23

1. Introduction

MWCOG, in cooperation with the Federal Aviation Administration (FAA), the District of Columbia Department of Transportation, (DDOT), the Maryland Aviation Administration (MAA), and the Metropolitan Washington Airports Authority (MWAA), has conducted a metropolitan airport system planning process since 1978. The goal of this Continuous Airport System Planning (CASP) program is to provide a process that supports the planning, development and operation of airport and airport-serving facilities in a systematic framework for the Washington-Baltimore region.

Transportation planning at the regional level is coordinated in the Washington area by the National Capital Region Transportation Planning Board (TPB), which is staffed by MWCOG's Department of Transportation Planning. The TPB is composed of representatives of the transportation agencies of the states of Maryland and Virginia, and the District of Columbia, local governments, the Washington Metropolitan Area Transit Authority, the Maryland and Virginia General Assemblies, and members from the MWAA and federal agencies. Established in 1965, the TPB is the official Metropolitan Planning Organization (MPO) designated by the federal government to carry out the comprehensive regional transportation planning process under the authority of the Federal-Aid Highway Act of 1962, as amended.

The TPB has a Technical Advisory Committee, which in turn, has several standing subcommittees. One of these subcommittees, the Aviation Technical Subcommittee (ATS), provides oversight and direction to the CASP program. This ***Washington-Baltimore Regional Airports Ground Access Forecast Update*** was prepared as an element of the CASP work program under the oversight of the Aviation Technical Subcommittee.

In its role as the MPO, the TPB prepares the region's Constrained Long-Range Plan (CLRP) and Transportation Improvement Program (TIP). A key step in the CLRP and TIP preparation is the preparation of forecasts of travel demand over the planning period. Air passenger forecasts are directly used in the development of forecasts of locally originating ground access (passenger) vehicle trips to the region's three commercial airports. These forecasts of airport trips are included in the travel demand modeling for the CLRP.

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 These airports are Baltimore/Washington International Thurgood Marshall Airport (BWI), Ronald Reagan Washington National Airport (DCA), and Washington Dulles International Airport (IAD). This report documents the latest 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 161 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 2011 to 2040 forecast period. 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 CLRP and as the basis for revising the Ground Access Element of the CASP Regional Airport System Plan.

2. Study Area

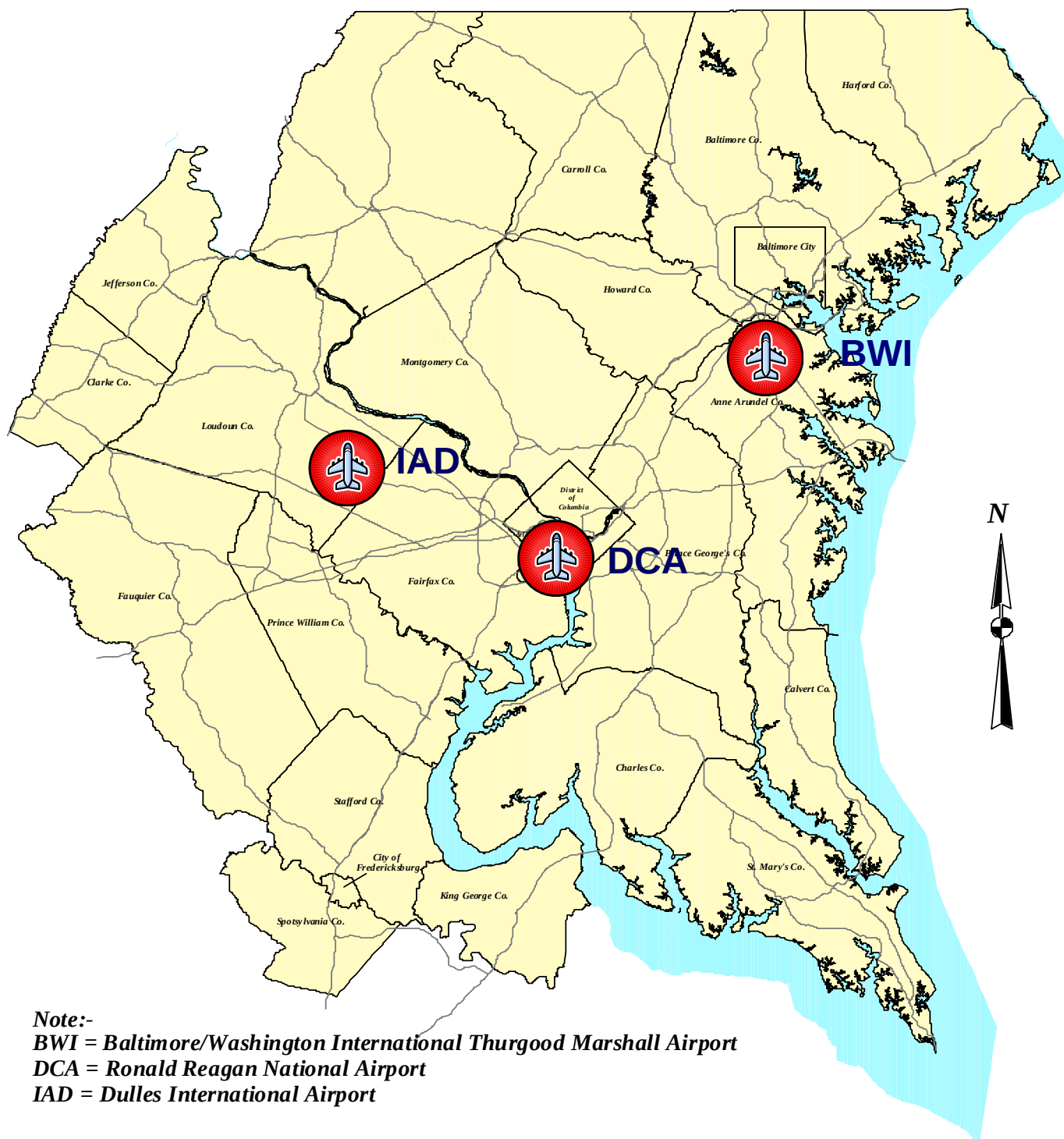
The Washington/Baltimore Air System Planning Region is larger than the combined areas that are normally within the Metropolitan Washington Council of Governments and Baltimore Metropolitan Council's purview. This combined area stretches from Harford County, Maryland, on the Susquehanna River to the north 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 shows the jurisdictions that make up this region and depicts the location of the region's three commercial airports. In 2011, approximately 94% 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 6% 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

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.

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 2011 Washington/Baltimore Regional Air Passenger Survey showed that approximately 46% 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 System Planning region.

Figure 1:- Washington / Baltimore Air System Planning Region



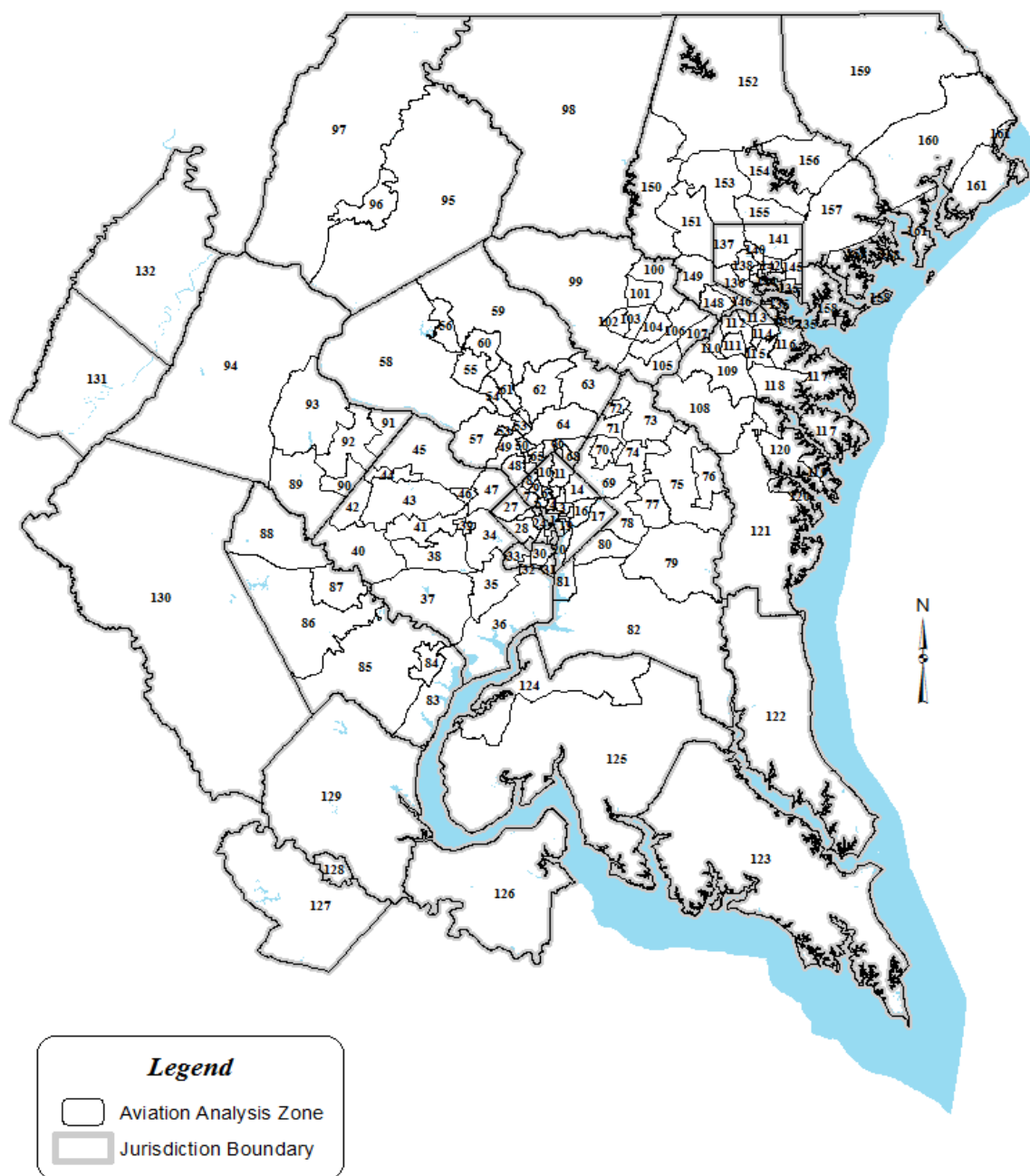
Note:-

BWI = Baltimore/Washington International Thurgood Marshall Airport

DCA = Ronald Reagan National Airport

IAD = Dulles International Airport

Figure 2:-Washington0Baltimore Air System Region Aviation Analysis Zone System



Note:- See Appendix A Table A-1 for listing of Aviation Analysis Zone System listing by Jurisdiction

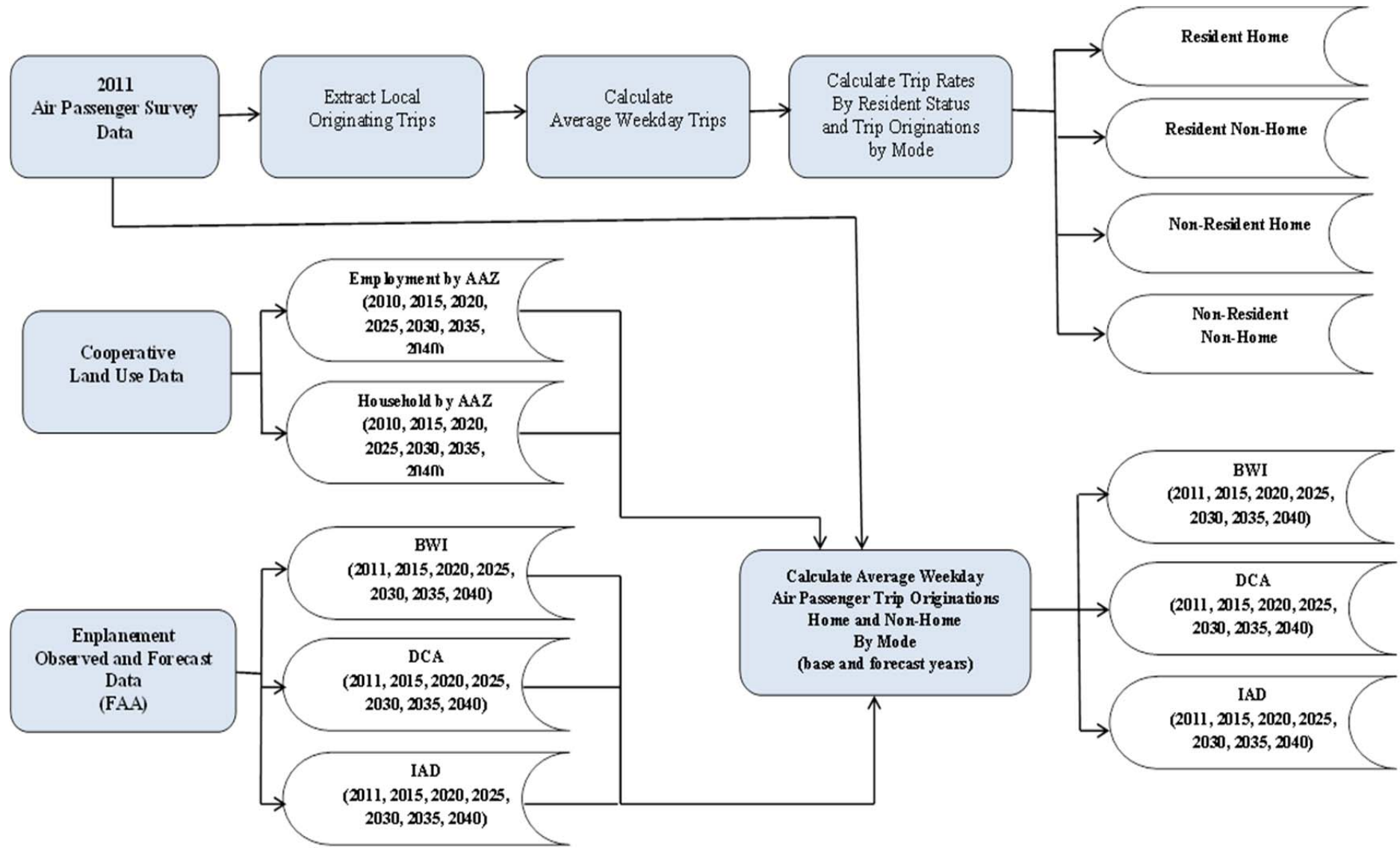
Air Passenger Ground Access Trip Forecasting Methodology

The update of air passenger ground access forecasts for Washington/Baltimore Air Systems Planning region was accomplished in a series of steps, illustrated in Figure 3. These steps were:

- Convert base year 2011 annual air passenger trips from Regional Air Passenger Survey to average weekday air passenger ground access trips.
- Summarize base year 2011 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 AAZ.²
- Summarize household and employment land activity data by new AAZ base year 2011 and all forecast years (2015, 2020, 2025, 2030, 2035 and 2040).
- Calculate base year 2011 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 2011 base year and all forecast years.
- Summarize base year 2011 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 for 2011 base year and all forecast years.
- Calculate time-of-day split.

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.

Figure 3:- Air Passenger Ground Access Forecast Procedure



1. Conversion of 2011 Air Passenger Survey Data to Average Weekday Air Passenger Ground Access Trips

The first step in the update of airport ground access trips was converting annual air passenger trips from the 2011 Washington/Baltimore Regional Air Passenger Survey to average weekday figures. This was accomplished by (1) slightly adjusting the annual air passenger survey weights to exactly match the year 2011 observed enplanements at the three commercial airports; (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:

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

A. Review of 2011 Air Passenger Survey data

23.8 million air passengers originated in the Washington-Baltimore Region in 2007 (See Table 1). Annual originations are further grouped into internal (local originating air passenger trips within the Washington-Baltimore Air System Planning Region), and external (local originating air passenger trips from areas outside the Washington-Baltimore Air System Planning Region), and are presented in Table 2.

Table: 1 Annual Trip Originations by Airport (in Thousands)

Enplanement Type		Airport			
		BWI	DCA	IAD	Total
Local origination	Number	8,758	8,215	7,493	24,466
- (Came by ground transportation)	Percent	78%	88%	65%	76%
Connected from another Flight	Number	2,466	1,147	4,078	7,691
- (Local and/or International)	Percent	22%	12%	35%	24%
Total Annual Enplanements	Number	11,224	9,363	11,570	32,157
	Percent	100%	100%	100%	100%
Percent of Air System Planning Region		35%	29%	36%	

Source:- 2011 Washington-Baltimore Regional Air Passenger Survey

Table 2: Annual Enplanements Internal/External Originations by Airport

Enplanement Type		Airport			
		BWI	DCA	IAD	Total
Within Air System Planning Region - (Internals)	Number	7,705	8,094	7,109	22,908
	Percent	88%	99%	95%	94%
Outside Air System Planning Region - (Externals)	Number	1,054	121	383	1,558
	Percent	12%	1%	5%	6%
Total Annual Enplanements	Number	8,758	8,215	7,493	24,466
	Percent	100%	100%	100%	100%

- **Internal** originating trips are local originating trips within the Washington/Baltimore Air System Planning Area.

- **External** originating trips are trips originating from PA, DE, WV, NJ or external VA and MD

Source:- 2011 Washington-Baltimore Regional Air Passenger Survey

B. Review of Air Passenger Enplanement Forecast

The FAA Office of Aviation Policy and Plans (APO) produces the Terminal Area Forecast (TAF). The TAF is the official forecast of aviation activity at FAA facilities. The TAF is produced each year covering airports in the National Plan of Integrated Airport Systems (NPIAS). The forecast is made at the individual airport level and assumes an unconstrained demand for aviation services. TAF data cover 264 FAA towered airports, 244 Federal contract tower airports, 32 Terminal Radar Approach Control (TRACON) facilities, and 2,828 non-FAA airports. Data in the TAF are presented on a U.S. government fiscal year basis (October 1 through September 30), and generally cover 10 years of history and 15 or more years of forecast.

Aviation activity forecasts for FAA-towered (which includes BWI, DCA, and IAD) and Federal contract towered airports are developed using historical relationships between airport passenger demand and/or activity measures and local and national factors that influence aviation activity. Forecasts at individual airports reflect to varying degrees national aviation trends as well as dynamics at individual airports.

National TAF forecast data are divided into nine regions; the Washington-Baltimore regional airports fall within the Eastern Region. This region accounted for 15 percent of total enplanements in 2010 and is forecasted to remain the same in 2040. The region includes 7 of the

29 large hub tower airports (an airport with one percent or more of total U.S. passenger enplanements) in the nation. Enplanements in this region are forecast to increase by 93 percent between 2010 and 2040, doubling at BWI Marshall and Dulles and by 42 percent at Reagan National. Washington Dulles International is projected to be one of the five airports with the fastest projected increase in enplanements growth over the next 30 years and also is projected to make the largest upward movement in ranking of enplanements, going from 21st to 14th during the same time period. Dulles International will also be gaining in ranking from 19th in 2010 with airport operations to 10th by 2040.

FAA's baseline scenario enplanement forecasts were obtained for forecast years 2010 through 2040. These forecasts are based on the U.S. Government fiscal year, which runs from October 1 through September 30. Converting FAA's 2013 – 2040 fiscal year forecast into calendar year (January 1 through December 31) forecasts were done by applying an annual percent increase to the 2010-2012 base years, January through December observed enplanement and for forecast years 2013 through 2040 to be the same as FAA's annual percent increase by airport. The average growth rate between 2013 and 2040 was 2.4 percent for BWI, 2.5 percent for IAD and for DCA 1.2 percent per year.

Tables 3, 4, and 5 present observed and forecasts of air passenger enplanements for the three airports in the Washington/Baltimore region. Observed air passenger enplanements for 2010 were obtained from observed monthly statistical data from MWAA for Ronald Reagan Washington National and Dulles International Airports, and from MAA for Baltimore/Washington International Thurgood Marshall Airport. Based on the findings from the 2011 Air Passenger Survey, local originating (originations within the Washington/Baltimore Air System Planning region) passengers are 78 percent at BWI Marshall, 88 percent at Reagan National and 65 percent at Dulles International of the total passenger volume and are assumed to remain at a constant throughout the forecast period.

Tables 3, 4, and 5 present observed and forecast air passenger enplanements for the three airports in the Washington/Baltimore region. Air passenger enplanements for BWI, are presented in Table 3. MAA forecasted enplanements at BWI to reach over 18 million by 2030, almost double the 2005 volume.

Air passenger enplanements for the BWI Marshall airport, are presented in Table 3. Domestic destined enplanements at BWI are forecast to reach 21.6 million by 2040, an average annual increase of 2.4 percent, and international destined enplanements, with an average annual increase of 3.9 percent to 600 thousand by 2040.

Table 3: BWI Marshall Airport Enplanements Forecast

Year	Air Carrier	Domestic		International			Total Enplanement
		Commuter	Total	US Flag	Foreign Flag	Total	
2010 ¹	10,316,365	484,943	10,801,308	88,189	107,216	195,405	10,996,713
2015 ²	10,151,574	474,468	10,626,042	194,501	129,954	324,455	10,950,496
2020 ²	11,779,815	520,261	12,300,076	219,202	146,458	365,660	12,665,736
2025 ²	13,589,870	566,014	14,155,884	248,008	165,704	413,712	14,569,596
2030 ²	15,678,055	615,790	16,293,845	280,597	187,478	468,075	16,761,920
2035 ²	18,087,105	669,942	18,757,048	317,470	212,114	529,584	19,286,631
2040 ²	20,866,325	728,856	21,595,181	359,189	239,986	599,176	22,194,357

¹ Observed Years

² Forecast Years

Note:- Forecast based on FAA TAF Fiscal Year annual percent increase

At Ronald Reagan Washington National airport, enplanements are projected to reach 12.8 million by 2040, an increase of 42 percent over 2010. Domestic enplanements at DCA are forecast to reach 12.7 million by 2040, from 8.8 million in 2010, an increase of 43 percent. International service at DCA, unless the perimeter rule, changes, is limited to Eastern Canada, Bermuda, the Bahamas, and part of the Turks and Caicos Island. Hence there is little or no opportunity to increase international air passenger traffic. Total international enplanements at DCA are forecasted to decline by 27 percent from 158,000 in 2010 to 115,000 in 2040.

Table 4: Ronald Reagan National Airport Enplanements Forecast

Year	Air Carrier	Domestic	Total	International		Total	Total Enplanement
		Commuter		US Flag	Foreign Flag		
2010 ¹	6,043,389	2,834,369	8,877,758	46,615	111,171	157,786	9,035,544
2015 ²	6,719,432	3,203,936	9,923,368	19,914	69,889	89,803	10,013,171
2020 ²	7,062,190	3,367,369	10,429,558	20,927	73,454	94,381	10,523,940
2025 ²	7,422,433	3,539,137	10,961,570	21,996	77,201	99,197	11,060,767
2030 ²	7,801,052	3,719,670	11,520,722	23,118	81,140	104,257	11,624,979
2035 ²	8,198,984	3,909,411	12,108,395	24,297	85,280	109,577	12,217,972
2040 ²	8,617,214	4,108,830	12,726,044	25,537	89,630	115,167	12,841,211

¹ Observed Years

² Forecast Years

Note:- Forecast based on FAA TAF Fiscal Year annual percent increase

Enplanements at Dulles International Airport are projected to reach more than 24 million by 2040, double when compared with 2010 volume. Table 5 shows observed, and FAA enplanements forecast for Dulles International Airport. Domestic destined enplanements are forecast to reach 15.8 million by 2040, an average annual increase of 2.5 percent, and international destined enplanements, with an average annual increase of 3.7 percent to 8.8 million by 2040.

Table 5: Washington Dulles International Airport Enplanements Forecast

Year	Air Carrier	Domestic	Total	International		Total	Total Enplanement
		Commuter		US Flag	Foreign Flag		
2010 ¹	5,541,616	3,302,576	8,844,192	1,452,182	1,516,531	2,968,713	11,812,905
2015 ²	4,931,849	3,252,777	8,184,626	1,738,535	1,685,250	3,423,785	11,608,411
2020 ²	5,749,958	3,818,103	9,568,060	2,117,188	2,052,297	4,169,485	13,737,545
2025 ²	6,505,549	4,340,946	10,846,495	2,551,211	2,473,017	5,024,227	15,870,722
2030 ²	7,360,432	4,935,385	12,295,818	3,074,207	2,979,983	6,054,190	18,350,007
2035 ²	8,327,654	5,611,228	13,938,882	3,704,417	3,590,877	7,295,295	21,234,177
2040 ²	9,421,976	6,379,619	15,801,595	4,463,820	4,327,006	8,790,826	24,592,421

¹ Observed Years

² Forecast Years

Note:- Forecast based on FAA TAF Fiscal Year annual percent increase

C. Market Segmentation

Based on the 2011 Washington-Baltimore Regional Air Passenger Survey data, enplanements were further grouped into local originations and internal originations. Table 6 shows the breakdown of these two types of originations by airport for base year and forecast years 2015 through 2040.

Table 6: Regional Airports Annual and Local and Internal Trip Originations

Year	Local Originations				Internal Originations			
	BWI	DCA	IAD	Total	BWI	DCA	IAD	Total
2010	8,580,691	7,928,207	7,649,818	24,158,715	7,548,371	7,811,181	7,258,564	22,618,116
2011	8,758,172	8,215,338	7,492,613	24,466,123	7,704,500	8,094,074	7,109,399	22,907,973
2015	8,544,628	8,786,022	7,517,391	24,848,041	7,516,647	8,656,334	7,132,910	23,305,891
2020	9,883,023	9,234,194	8,896,179	28,013,396	8,694,023	9,097,891	8,441,179	26,233,093
2025	11,368,597	9,705,231	10,277,585	31,351,413	10,000,872	9,561,976	9,751,932	29,314,779
2030	13,079,258	10,200,298	11,883,124	35,162,680	11,505,728	10,049,734	11,275,355	32,830,817
2035	15,049,280	10,720,617	13,750,859	39,520,756	13,238,742	10,562,373	13,047,563	36,848,679
2040	17,318,167	11,267,476	15,925,595	44,511,238	15,234,665	11,101,161	15,111,071	41,446,897

Note:-

- Local originating trips are departing passengers whose trip starts from one of the region's three airports and does not include connecting passengers
- Internal originating trips are local originating trips within the Washington - Baltimore Air System Planning Area
- Local originating trips are calculated based on the 2011 Air Passenger Survey data to be 78% for BWI, 88% for DCA and 65% for IAD, of the total departing passengers.
- Internal originating trips are calculated based on the 2011 Air Passenger Survey to be 88% for BWI, 99% for DCA, and 95% for IAD, of the total local originating trips, that are within the 161 internal AAZ's.

5. 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, and 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 7 shows average weekday airport ground access trips for the entire Air Systems Planning Region summarized by these four categories. As shown in Table 7, residents and non resident trips were categorized into Home-Based (HB) and Non-Home-Based (NHB) trip purposes depending on the air passengers' trip origination, i.e., the starting point of the passenger's ground trip to the airport.

Table 7: Average Weekday Air Passenger Ground Access Trips

By Resident Status and Trip Origin (Internal AAZs Only)

BWI					
Year	Resident		Non-Resident		Total
	Home-based	Non-Home Based	Home-based	Non-Home Based	
2010	10,194	1,562	3,395	6,032	21,183
2015	9,944	1,536	3,308	5,886	20,674
2020	11,435	1,812	3,807	6,868	23,922
2025	13,056	2,119	4,352	7,976	27,503
2030	14,973	2,476	4,994	9,198	31,641
2035	17,240	2,884	5,746	10,665	36,535
2040	19,739	3,325	6,587	12,233	41,884

DCA					
Year	Resident		Non-Resident		Total
	Home-based	Non-Home Based	Home-based	Non-Home Based	
2010	8,417	1,751	2,900	10,701	23,769
2015	9,025	1,852	3,134	11,407	25,418
2020	9,256	1,945	3,239	12,276	26,716
2025	9,673	2,027	3,387	13,000	28,087
2030	10,195	2,119	3,558	13,628	29,500
2035	10,746	2,213	3,754	14,225	30,938
2040	11,314	2,327	3,955	15,008	32,604

IAD					
Year	Resident		Non-Resident		Total
	Home-based	Non-Home Based	Home-based	Non-Home Based	
2010	10,189	905	3,095	6,316	20,505
2015	10,248	889	3,101	6,339	20,577
2020	11,691	1,028	3,506	7,488	23,713
2025	13,828	1,207	4,130	8,967	28,132
2030	15,964	1,401	4,776	10,385	32,526
2035	18,570	1,617	5,554	12,069	37,810
2040	21,327	1,871	6,381	14,019	43,598

All Airports					
Year	Resident		Non-Resident		Total
	Home-based	Non-Home Based	Home-based	Non-Home Based	
2010	28,800	4,218	9,390	23,049	65,457
2015	29,217	4,277	9,543	23,632	66,669
2020	32,382	4,785	10,552	26,632	74,351
2025	36,557	5,353	11,869	29,943	83,722
2030	41,132	5,996	13,328	33,211	93,667
2035	46,556	6,714	15,054	36,959	105,283
2040	52,380	7,523	16,923	41,260	118,086

Note: - Numbers may not add to total due to rounding

6. Summarize Land Activity Data for 2010 Base Year and Forecast Years

Household and employment land activity data for 2010 and forecasts through 2040 by small area TAZs were obtained from MWCOC (Metropolitan Washington Council of Governments) Round 8.1 and BMC (Baltimore Metropolitan Council) Round 7.2 Cooperative Forecasts. These TAZ-level data were aggregated to the internal AAZs shown in Figures 2.

Table 8 shows the combined MWCOC and BMC land activity forecasts summarized for the entire Air Systems Planning Region.

Table 8: Household and Employment Forecast Summary

Household Forecast

Year	Household	Change	Percent Growth	
2010	3,159,157	-		
2015	3,363,864	204,707	2010 - 2015	6.5%
2020	3,553,276	189,412	2015 - 2020	5.6%
2025	3,728,913	175,637	2020 - 2025	4.9%
2030	3,875,745	146,832	2025 - 2030	3.9%
2035	4,002,979	127,234	2030 - 2035	3.3%
2040	4,114,488	111,509	2035 - 2040	2.8%

Source:- MWCOC Round 8.1 and BMC Round 7.2 Cooperative Land Use Forecast

Employment Forecast

Year	Employment	Change	Percent Growth	
2010	5,084,030	-		
2015	5,404,785	320,755	2010 - 2015	6.3%
2020	5,791,114	386,329	2015 - 2020	7.1%
2025	6,122,830	331,716	2020 - 2025	5.7%
2030	6,401,899	279,069	2025 - 2030	4.6%
2035	6,624,866	222,967	2030 - 2035	3.5%
2040	6,837,100	212,234	2035 - 2040	3.2%

Source:- MWCOC Round 8.1 and BMC Round 7.2 Cooperative Land Use Forecast

7. Calculate Air Passenger Ground Access Trip Generation Factors

Once the air passenger ground access trip and land activity data were 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) =

$$\text{Resident Home-based Factor} = \frac{\text{Total Resident Home-based Trip Origin Trips (AAZ}_X\text{) (Year 2007)}}{\text{Total Households (AAZ}_X\text{) (Year 2007)}}$$

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

$$\text{Resident Non-home based Factor} = \frac{\text{Total Resident Non-home based Trip Origin Trips (AAZ}_X\text{) (Year 2007)}}{\text{Total Employment (AAZ}_X\text{) (Year 2007)}}$$

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

$$\text{Non-Resident Home-based Factor} = \frac{\text{Total Non-Resident Home based Trip Origin Trips (AAZ}_X\text{) (Year 2007)}}{\text{Total Households (AAZ}_X\text{) (Year 2007)}}$$

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

$$\text{Non-Resident Non-Home based Factor} = \frac{\text{Total Non-Resident Non-home based Trip Origin Trips (AAZ}_X\text{) (Year 2007)}}{\text{Total Employment (AAZ}_X\text{ Year 2007)}}$$

Table 9: Home and Non-Home Trip Rates by Resident Status

Trip Rates				
Airport	Resident		Non-Resident	
	Home	Non-Home	Home	Non-Home
BWI	0.60775	0.05088	0.19624	0.19169
DCA	0.61875	0.042	0.2133	0.33175
IAD	0.56084	0.02189	0.18935	0.16928

8. Calculate Air Passenger Ground Access Trips for 2011 and Forecast Years

Ground access trips for 2011 through 2040 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 MWAA and MAA 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; and (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 MWAA and MAA control total for local passenger originations at that airport to obtain a MWAA and MAA 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 match the approved MWAA and MAA forecasts.

Table 9 shows calculated 2010 to 2040 air passenger average weekday ground access trips totals by airport for the entire Air Systems Planning Region. Detailed 2011 to 2040 average weekday air passenger ground access trips by AAZ are presented in Appendix A.

Table 10: Average Weekday Air Passenger Ground Access Trips

Forecast Year	Airports			Total
	BWI	DCA	IAD	
2010	21,183	23,769	20,505	65,457
2015	20,674	25,418	20,577	66,669
2020	23,922	26,716	23,713	74,351
2025	27,503	28,087	28,132	83,722
2030	31,641	29,500	32,526	93,667
2035	36,535	30,938	37,810	105,283
2040	41,884	32,604	43,598	118,086

9. Summarize 2011 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 2011 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 passengers 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 were 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.

A. Calculate Air Passenger Ground Access Trips by Mode for 2011 Base Year and Forecast Years

Air passenger ground access trips to BWI airport by mode of arrival for 2011 through 2040 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 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 planned opening of the Metrorail extension to IAD anticipated in 2015.

The adjustment for IAD was made by taking the 2015 Metrorail air passenger ridership projection from the Dulles Extension FEIS (Final Environmental Impact Statement) 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 2007, 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 professional judgment was used to allocate 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 professional judgment was used in making these adjustments. These adjusted modal shares were then applied to total air passenger trips to DCA from these selected AAZs for 2015, 2020, 2025 and 2030 to obtain final adjusted estimates of ground access trips by mode for these forecast years. Table 11 and figure 4 show air passenger ground access forecast to each airport by mode for the base and forecast years.

Table 11: Average Weekday Air Passenger Ground Access Trips by Mode

BWI

Year	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
2010	12,443	5,232	1,105	2,122	282	21,183
2015	12,140	5,104	1,084	2,066	281	20,674
2020	14,045	5,892	1,276	2,386	322	23,922
2025	16,138	6,766	1,460	2,770	369	27,503
2030	18,571	7,803	1,671	3,173	423	31,641
2035	21,434	9,006	1,924	3,687	484	36,535
2040	24,598	10,330	2,212	4,194	549	41,884

DCA

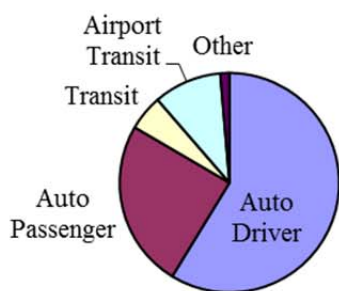
Year	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
2010	12,784	4,217	4,597	1,848	323	23,769
2015	12,444	6,296	4,724	1,847	93	25,403
2020	13,119	6,583	4,947	1,952	95	26,696
2025	13,917	6,864	5,128	2,063	92	28,064
2030	14,654	7,220	5,335	2,172	94	29,475
2035	15,411	7,583	5,549	2,273	96	30,913
2040	16,302	7,978	5,817	2,380	101	32,578

IAD

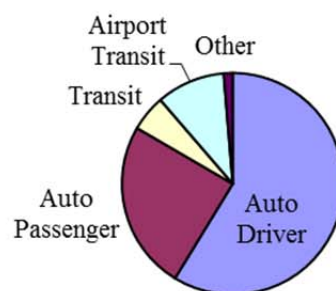
Year	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
2010	11,550	5,992	406	2,416	141	20,505
2015	11,044	5,443	3,344	683	62	20,576
2020	12,720	6,281	4,005	634	69	23,709
2025	15,120	7,440	4,448	1,045	78	28,131
2030	17,503	8,608	4,903	1,419	90	32,523
2035	20,373	10,002	4,215	3,103	103	37,797
2040	23,530	11,527	4,843	3,582	119	43,602

Source:- 2011 Washington-Baltimore Regional Air Passenger Survey

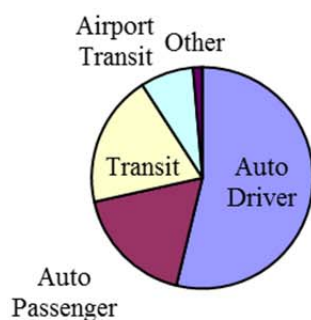
Figure 4: Average Weekday Air Passenger Ground Access Trips by Mode



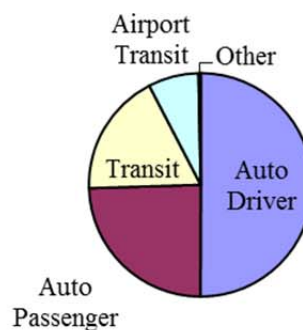
BWI 2011



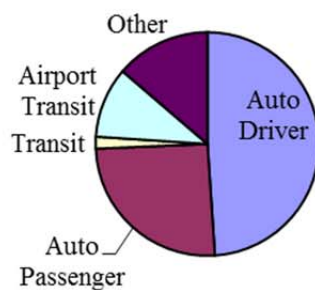
BWI 2040



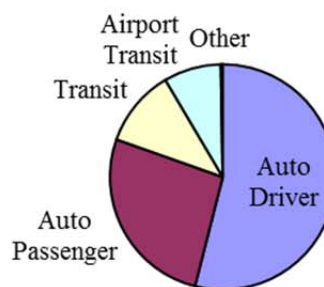
DCA 2011



DCA 2040



IAD 2011



IAD 2040

10. Time-Of-Day Split

The 2011 air passenger survey data has scheduled flight time for the survey records. Two separate time-of-day split factors were developed using the survey data. Time-of-day is calculate, as a percent of total trips departing one-hour and/or two hours before the flight time, and is shown in Table 12. These are:

One-Hour before flight time:-

1. AM trips = flight time 700 to 1000 (7:00 AM to 10:00 AM).
2. PM trips = flight time 1600 to 1900 (4:00 PM to 7:00 PM).
3. Off-Peak trips = flight time 600 to 700, 1000 to 1600, and 1900 to 2400.
(6:00-7:00 AM, 10:00 AM-4:00 PM, and 7:00 -12:00 PM).

Two-Hours before flight time:-

1. AM trips = flight time 600 to 900 (6:00 AM to 9:00 AM).
2. PM trips = flight time 1500 to 1800 (3:00 PM to 6:00 PM).
3. Off-Peak trips = flight time 900 to 1500, and 1800 to 2400.
(9:00 AM-3:00 PM, and 6:00 12:00 PM).

**Table 12: Average Weekday Air Passenger Ground Access Trips
by Time of Day by Airport**

Time Period	One-Hour Before Flight Departure				Two-Hour Before Flight Departure			
	BWI	DCA	IAD	Total	BWI	DCA	IAD	Total
AM-Peak	5,948 28%	4,381 18%	4,629 23%	14,958 23%	6,084 29%	4,097 17%	4,859 24%	15,040 23%
PM-Peak	3,839 18%	5,233 22%	5,866 29%	14,938 23%	2,976 14%	6,136 26%	5,249 26%	14,361 22%
Off-Peak	11,397 54%	14,153 60%	10,018 49%	35,567 54%	12,125 57%	13,534 57%	10,405 51%	36,063 55%
Total	21,184 100%	23,767 100%	20,513 100%	65,464 100%	21,184 100%	23,767 100%	20,513 100%	65,464 100%

Source:- 2011 Washington-Baltimore Regional Air Passenger Survey

11. 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 update of forecast ground access trips to BWI, DCA and IAD airports from Aviation Analysis Zones (AAZ) in Washington/Baltimore Air Systems Planning Region. These forecasts are detailed by major mode of arrival at each airport for 2011 and by 5-year intervals for the through 2040 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 CLRP update and as the basis for revising the Ground Access Element of the CASP Regional Airport System Plan, both scheduled to occur in 20104.

The ground access forecast, developed in this update by AAZ represent 4,374 Transportation Analysis Zones (TAZ). Of the 161 AAZ's in the study area, 132 are within the MWCOC planning region. Therefore, the ground access forecasts are further disaggregated into the 3,675 TAZ's in the MWCOC planning area by mode and time-of-day as an input to the regional travel demand model process.

Bibliography

- Metropolitan Washington Council of Governments, National Capital Region Transportation Planning Board [COG/TPB]. (2008). *Regional Air Passenger Origin/Destination Forecast Update*. May 2008, Washington, D.C.
- Metropolitan Washington Council of Governments, National Capital Region Transportation Planning Board [COG/TPB]. (2011). *Regional Air Passenger Origin/Destination Forecast Update*. May 2011, Washington, D.C.
- Metropolitan Washington Council of Governments, National Capital Region Transportation Planning Board [COG/TPB]. (2013). *Regional Air Passenger Origin/Destination Forecast Update*. May 2013, Washington, D.C.
- Metropolitan Washington Council of Governments National Capital Region Transportation Planning Board [COG/TPB]. (2012) *Washington-Baltimore Air Planning Region Airport Ground Access Forecast Update*. July 2012, Washington, D.C., Technical Memorandum
- Metropolitan Washington Council of Governments National Capital Region Transportation Planning Board [COG/TPB]. (2012) *2011 Washington-Baltimore Regional Air Passenger Survey*. May 2012, Washington, D.C.
2002
- Virginia Department of Rail and Public Transportation, *Dulles Corridor Rapid Transit Project, Patronage Forecast Report*, November 2004.

Appendix A
Washington - Baltimore
Air System Planning Region
Aviation Analysis Zone System
By Jurisdiction

Table A-1: Aviation Analysis Zone System

No.	Jurisdiction	No. of AAZs	AAZs Range	No. of TAZs
1	District of Columbia	20	1 - 20	393
2	Arlington County	9	21 - 29	141
3	City of Alexandria	4	30 - 33	65
4	Fairfax County	15	34 - 47	549
5	Montgomery County	20	48 - 68	375
6	Prince George's County	14	69 - 82	636
7	Prince William County	6	83 - 88	378
8	Loudoun County	6	89 - 94	282
9	Frederick County	3	95 - 97	130
10	Carroll County	1	98	58
11	Howard County	9	99 - 107	68
12	Anne Arundel County	14	108 - 121	99
13	Calvert County	1	122	47
14	St. Mary's County	1	123	75
15	Charles County	2	124 - 125	113
16	King George County	1	126	25
17	Spotsylvania County	1	127	62
18	City of Fredericksburg	1	128	14
19	Stafford County	1	129	93
20	Fauquier County	1	130	50
21	Clarke County	1	131	9
22	Jefferson County	1	132	13
23	Baltimore City	13	133 - 145	217
24	Baltimore County	13	146 - 158	342
25	Harford County	3	159 - 161	140
Total Washington/Baltimore Air System Planning Area		161		4,374
26	External Maryland	1	162	NA
27	External Virginia	1	163	NA
28	External West Virginia	1	164	NA
29	Pennsylvania	1	165	NA
30	Delaware	1	166	NA
31	New Jersey	1	167	NA
32	Other	1	999	NA
Total Externals		7		
Grand Total		168		

Appendix B
Ground Access Forecast Update
Average Weekday Trips by Airport
2011 – 2040

Table B-1: Average Weekday Air Passenger Trips by AAZ, 2011 - 2040

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
1	49	49	48	49	49	51	55
2	505	495	504	520	549	585	640
3	4,703	4,892	5,512	5,874	6,251	6,729	7,353
4	3,224	3,223	3,269	3,412	3,605	3,866	4,218
5	626	620	625	654	692	746	822
6	714	710	714	736	773	825	903
7	306	313	321	346	373	420	481
8	155	155	162	177	190	212	238
9	361	363	371	401	429	470	523
10	398	396	407	430	461	510	572
11	206	211	221	235	253	278	310
12	361	364	376	404	431	480	544
13	373	395	408	458	484	530	588
14	290	301	324	366	427	497	555
15	482	492	535	582	641	691	761
16	695	771	850	911	1,053	1,156	1,276
17	173	181	200	227	255	282	320
18	675	658	673	726	770	822	906
19	139	154	169	211	226	242	264
20	90	100	101	105	120	133	150
21	4	4	4	5	5	6	7
22	1,594	1,793	2,333	2,496	2,722	2,900	3,061
23	342	340	335	349	359	374	388
24	207	199	199	205	214	226	240
25	670	760	848	1,005	1,096	1,185	1,315
26	1,226	1,302	1,365	1,443	1,545	1,634	1,738
27	656	636	661	703	750	809	872
28	1,207	1,321	1,389	1,528	1,673	1,812	1,954
29	213	229	229	236	244	254	265
30	417	438	463	504	539	601	677
31	1,173	1,220	1,289	1,399	1,502	1,604	1,724
32	119	122	129	144	154	187	214
33	446	477	510	577	659	752	831
34	765	754	816	907	1,006	1,117	1,229
35	642	674	706	754	807	871	931
36	1,033	1,064	1,147	1,258	1,380	1,520	1,651
37	971	947	986	1,059	1,144	1,249	1,354
38	709	682	722	793	871	968	1,070
39	263	293	321	359	397	444	486
40	526	507	562	653	741	851	964
41	885	889	963	1,073	1,195	1,342	1,492

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
42	194	233	287	351	415	492	570
43	1,507	1,434	1,542	1,725	1,917	2,159	2,406
44	1,354	1,372	1,702	2,098	2,495	2,962	3,437
45	776	739	787	873	966	1,084	1,204
46	723	753	907	1,132	1,343	1,569	1,816
47	645	627	659	719	782	862	944
48	181	173	183	196	212	245	274
49	287	279	286	303	320	360	395
50	537	557	594	628	673	728	801
51	149	158	165	177	192	211	229
52	409	429	471	519	572	628	689
53	401	417	495	567	681	794	917
54	556	581	635	730	830	920	1,025
55	459	471	542	645	785	935	1,071
56	247	251	315	425	565	689	800
57	508	502	527	566	611	664	731
58	535	514	554	621	698	785	866
59	374	368	413	479	544	607	672
60	259	248	261	280	306	336	370
61	136	134	159	190	225	274	317
62	274	264	285	308	336	371	409
63	287	270	297	329	364	408	456
64	499	489	530	586	651	724	808
65	246	239	248	268	291	329	368
66	312	295	313	353	396	442	493
67	241	272	309	341	387	427	470
68	111	103	112	121	134	161	180
69	311	312	325	347	385	426	478
70	251	283	351	386	430	502	573
71	173	168	179	198	218	244	273
72	9	16	31	53	92	136	184
73	298	304	340	388	437	498	565
74	189	187	205	232	265	311	357
75	269	268	299	337	376	425	488
76	206	198	215	235	260	295	335
77	103	98	108	128	145	164	191
78	149	149	159	174	194	213	231
79	259	268	312	360	448	558	690
80	43	43	44	48	52	58	63
81	558	647	925	1,342	1,450	1,587	1,876
82	322	328	349	377	411	452	500

Table B-2: Average Weekday Air Passenger Trips by AAZ, 2011 – 2040 (continued)

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
83	279	321	367	422	484	549	615
84	281	327	403	496	601	721	844
85	429	425	448	487	532	588	648
86	320	366	443	536	636	750	873
87	230	240	276	327	382	448	520
88	400	443	527	642	768	921	1,088
89	336	457	644	840	945	1,069	1,197
90	94	96	124	152	183	211	239
91	262	249	263	293	326	370	411
92	792	847	1,094	1,410	1,709	2,045	2,422
93	1,197	1,251	1,469	1,737	1,988	2,277	2,583
94	508	518	601	760	946	1,140	1,335
95	395	379	443	530	623	736	872
96	252	239	273	323	394	467	552
97	237	228	256	295	337	392	448
98	348	344	396	456	526	608	704
99	290	311	371	432	501	576	647
100	175	173	200	228	255	284	320
101	90	86	102	115	127	144	160
102	95	90	98	108	121	137	153
103	212	214	256	307	370	445	515
104	338	316	346	386	430	484	544
105	170	181	216	261	307	350	393
106	376	376	431	493	553	618	692
107	109	127	167	205	246	286	333
108	565	573	657	744	862	991	1,110
109	446	457	548	630	735	858	966
110	68	73	101	135	158	194	218
111	128	124	148	174	201	235	263
112	932	913	1,034	1,261	1,453	1,727	1,941
113	138	134	151	171	196	226	255
114	21	20	23	26	30	34	39
115	178	170	191	217	245	280	317
116	49	50	61	76	89	105	118
117	345	330	371	419	476	545	614
118	417	396	445	501	566	648	728
119	368	347	380	419	472	536	601
120	442	423	474	532	599	683	769
121	153	146	162	181	200	225	251
122	211	211	244	278	316	364	418
123	427	457	530	615	713	833	970

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
124	220	238	270	306	347	397	456
125	270	289	335	393	454	526	608
126	46	51	59	69	81	93	109
127	149	172	194	226	259	293	334
128	193	202	228	259	301	345	396
129	402	463	537	640	760	893	1,043
130	246	263	322	404	507	645	818
131	12	12	14	15	17	19	22
132	221	232	275	336	406	499	608
133	1,112	1,069	1,194	1,327	1,482	1,665	1,874
134	424	408	456	502	558	628	707
135	108	104	122	137	154	173	195
136	74	70	79	87	97	108	122
137	160	147	164	181	203	227	256
138	160	154	176	201	229	258	292
139	129	126	144	164	186	211	237
140	291	276	302	334	372	416	468
141	362	339	372	409	455	509	574
142	15	14	15	17	19	21	24
143	213	209	241	271	301	340	384
144	376	370	423	480	541	607	681
145	45	45	50	55	63	71	80
146	16	15	16	18	20	23	26
147	41	39	44	49	55	62	70
148	94	88	98	111	125	141	158
149	297	280	314	352	395	447	506
150	104	101	114	127	142	161	183
151	396	380	427	473	527	590	664
152	166	158	177	196	219	245	276
153	209	196	219	245	274	310	349
154	277	260	293	327	369	416	472
155	324	313	354	392	442	499	564
156	39	37	40	44	48	53	59
157	292	284	320	355	397	450	507
158	247	234	264	293	328	371	421
159	276	265	304	346	401	461	530
160	390	385	452	528	617	715	829
161	18	18	22	24	26	29	34
Sub-Total Internal	65,457	66,669	74,351	83,722	93,667	105,283	118,086
External Trips	4,173	4,129	4,736	5,457	6,250	7,188	8,219
Total Trips	69,630	70,798	79,087	89,179	99,917	112,471	126,305

Note:- Numbers may not add to total due to rounding

Table B-2: Average Weekday Air Passenger Trips by AAZ, BWI 2011 - 2040

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
1	5	5	5	6	6	7	8
2	78	72	82	88	99	112	129
3	451	452	556	637	717	819	948
4	395	377	419	462	515	583	672
5	36	33	37	41	45	52	60
6	42	40	45	49	55	62	73
7	0	0	0	0	0	0	0
8	20	20	23	26	28	33	38
9	47	46	51	56	64	72	84
10	88	85	94	103	116	133	155
11	38	36	41	46	53	61	72
12	81	78	87	97	108	124	146
13	34	34	40	47	53	61	72
14	79	76	89	106	139	176	204
15	138	133	159	183	213	243	282
16	145	156	189	213	257	300	347
17	66	67	80	96	112	130	153
18	93	86	98	110	125	140	163
19	17	18	22	29	34	38	44
20	5	6	7	7	9	11	13
21	0	0	0	0	0	0	0
22	86	91	132	152	177	204	234
23	14	13	14	16	17	20	22
24	0	0	0	0	0	0	0
25	36	38	47	59	68	77	92
26	62	62	72	82	93	106	120
27	81	75	85	94	106	119	133
28	130	140	162	188	218	247	277
29	27	26	29	33	36	40	45
30	32	32	37	42	48	57	69
31	107	105	121	141	161	183	210
32	42	41	48	55	62	80	96
33	31	30	35	41	49	60	69
34	107	101	118	136	157	180	206
35	43	43	51	59	66	78	89
36	154	150	177	206	239	279	319
37	92	86	97	109	123	140	158
38	87	81	92	104	117	133	152
39	0	0	0	0	0	0	0
40	8	8	9	11	12	14	16
41	31	30	35	40	46	53	60

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
42	25	35	45	56	68	82	96
43	93	87	98	110	124	142	160
44	38	39	55	72	90	110	129
45	61	57	64	71	81	92	104
46	62	60	78	101	124	148	178
47	83	78	88	100	112	129	145
48	55	51	58	63	70	83	96
49	50	47	52	57	63	74	85
50	156	153	173	191	214	241	276
51	24	24	27	30	33	37	43
52	125	127	149	172	197	223	254
53	82	83	102	121	147	174	203
54	108	107	127	155	184	214	250
55	113	111	136	169	211	259	305
56	107	105	142	202	285	359	433
57	133	126	140	156	175	195	222
58	144	136	153	173	200	227	257
59	247	239	277	328	379	430	485
60	107	100	110	121	136	152	172
61	72	69	86	104	127	157	186
62	145	136	153	170	190	215	243
63	211	197	220	246	275	311	350
64	202	192	220	250	288	329	378
65	82	76	84	93	104	123	142
66	136	128	141	160	184	209	237
67	78	81	96	110	130	148	169
68	78	71	79	87	97	118	132
69	97	93	105	115	132	152	177
70	112	119	157	183	213	261	312
71	53	51	56	63	71	79	90
72	6	11	22	41	79	123	171
73	247	251	284	323	367	419	477
74	125	121	137	158	186	220	259
75	180	176	204	234	266	305	356
76	160	152	170	189	212	244	281
77	91	86	96	115	132	150	174
78	73	70	80	91	106	121	136
79	181	184	222	264	335	426	538
80	18	17	19	22	25	29	34
81	43	48	75	117	135	157	196
82	87	85	97	111	126	145	167

Table B-2: Average Weekday Air Passenger Trips by AAZ, BWI 2011 – 2040 (continued)

AAZ	Average Weekday Trips						2040
	2011	2015	2020	2025	2030	2035	
83	26	29	37	45	55	67	79
84	11	12	16	20	25	31	38
85	16	15	18	19	22	25	29
86	3	3	4	5	6	7	9
87	34	35	42	51	61	74	88
88	9	12	16	20	25	32	40
89	15	20	34	46	55	64	74
90	0	0	0	0	0	0	0
91	18	17	18	21	23	27	30
92	26	27	36	46	56	66	80
93	47	48	57	65	74	85	96
94	34	34	41	52	66	80	95
95	348	333	393	472	556	660	785
96	138	131	151	176	213	251	298
97	158	150	172	201	234	274	317
98	295	292	338	390	452	524	609
99	268	288	345	400	464	535	601
100	150	148	172	197	220	246	277
101	86	82	98	110	122	138	154
102	84	80	87	96	108	122	136
103	207	209	251	301	362	436	505
104	317	296	325	363	405	456	513
105	157	166	199	243	286	327	368
106	296	294	342	393	446	501	564
107	101	118	156	192	229	267	310
108	514	518	601	686	798	922	1,038
109	428	439	527	606	706	825	929
110	68	73	101	135	158	194	218
111	123	118	143	168	195	229	257
112	911	892	1,012	1,236	1,426	1,696	1,909
113	138	134	151	171	196	226	255
114	21	20	23	26	30	34	39
115	168	160	180	205	231	264	298
116	40	40	50	62	73	86	97
117	307	293	331	374	425	486	548
118	342	324	367	413	467	534	602
119	308	289	320	354	401	457	516
120	397	378	427	480	544	621	700
121	128	121	137	155	174	198	223
122	147	147	171	196	223	258	297
123	237	247	297	354	420	501	596

AAZ	Average Weekday Trips						2040
	2011	2015	2020	2025	2030	2035	
124	101	104	127	151	179	214	254
125	138	142	167	196	231	272	320
126	15	15	20	24	31	38	47
127	6	6	8	10	12	14	18
128	56	57	70	83	101	121	144
129	20	23	27	34	42	52	64
130	4	5	6	7	10	12	16
131	0	0	0	0	0	0	0
132	46	48	60	74	91	114	142
133	1,067	1,026	1,148	1,276	1,427	1,604	1,807
134	418	402	450	495	551	620	698
135	106	102	120	135	152	171	193
136	70	66	75	83	93	104	118
137	144	132	148	163	183	205	231
138	160	154	176	201	229	258	292
139	120	115	132	150	171	195	220
140	272	257	283	315	353	397	448
141	339	316	349	384	429	481	542
142	15	14	15	17	19	21	24
143	213	209	241	271	301	340	384
144	368	362	415	471	532	598	672
145	43	43	48	53	61	69	78
146	16	15	16	18	20	23	26
147	41	39	44	49	55	62	70
148	94	88	98	111	125	141	158
149	279	263	296	332	374	424	480
150	100	97	110	122	137	155	176
151	355	339	385	431	483	545	618
152	150	142	161	179	202	228	258
153	164	154	173	193	216	245	276
154	277	260	293	327	369	416	472
155	323	312	352	390	440	497	562
156	27	25	28	32	36	41	46
157	280	271	306	341	383	435	491
158	244	231	261	290	325	368	417
159	265	254	292	334	387	446	514
160	390	385	452	528	617	715	829
161	18	18	22	24	26	29	34
Sub-Total Internal	21,183	20,674	23,922	27,503	31,641	36,535	41,884
External Trips	2,843	2,773	3,208	3,690	4,245	4,901	5,621
Total Trips	24,026	23,447	27,130	31,193	35,886	41,436	47,505

Note:- Numbers may not add to total due to rounding

Table B-3: Average Weekday Air Passenger Trips by AAZ, DCA 2011 - 2040

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
1	44	44	43	43	43	44	47
2	328	330	323	322	327	336	353
3	3,120	3,318	3,618	3,707	3,820	3,960	4,167
4	1,945	1,998	1,947	1,944	1,977	2,029	2,118
5	377	385	374	374	382	394	416
6	487	495	483	481	489	504	532
7	94	102	97	97	98	103	111
8	68	71	69	72	74	77	81
9	188	195	190	195	199	208	219
10	186	190	185	184	188	196	207
11	127	134	135	137	142	150	160
12	159	167	163	165	167	176	188
13	241	261	259	279	285	300	319
14	160	173	177	190	209	231	245
15	307	325	337	353	376	390	412
16	435	492	518	535	599	629	666
17	86	93	97	105	112	117	125
18	408	409	400	414	421	431	454
19	100	112	121	142	147	153	162
20	59	65	63	63	68	72	77
21	0	0	0	0	0	0	0
22	1,316	1,496	1,914	2,010	2,158	2,251	2,322
23	297	298	290	297	302	310	317
24	145	142	138	138	139	142	146
25	438	510	551	627	662	689	735
26	897	972	992	1,017	1,062	1,089	1,125
27	336	337	334	337	343	351	360
28	684	772	778	815	856	885	911
29	172	189	185	186	189	193	197
30	285	305	314	332	344	371	402
31	838	886	907	950	990	1,023	1,064
32	75	79	79	87	90	104	115
33	282	310	319	347	383	419	445
34	336	345	353	369	389	407	422
35	499	533	546	568	596	626	653
36	647	684	710	747	790	833	870
37	471	476	471	477	492	509	523
38	197	199	196	198	204	212	217
39	163	184	195	208	221	236	248
40	37	38	38	41	42	45	47
41	318	334	341	354	372	391	409

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
42	6	14	17	20	22	25	27
43	149	151	150	151	155	161	165
44	49	53	60	68	73	80	86
45	119	121	118	120	123	127	130
46	248	264	299	348	390	426	463
47	256	259	257	262	269	278	287
48	57	57	56	56	57	61	64
49	143	144	141	141	142	152	158
50	246	269	272	272	276	282	292
51	75	84	83	85	89	94	96
52	180	197	204	211	220	229	237
53	130	141	157	167	188	204	220
54	311	336	349	382	416	439	465
55	158	172	186	206	234	260	280
56	81	87	98	119	141	157	165
57	187	195	192	192	196	200	206
58	105	106	106	109	114	119	120
59	83	86	88	94	100	103	105
60	74	75	73	73	74	76	77
61	40	42	45	51	56	64	69
62	81	82	82	82	84	86	88
63	30	30	30	30	31	31	32
64	174	180	182	189	197	205	215
65	107	110	107	111	116	123	130
66	68	66	64	69	72	75	78
67	103	120	128	133	143	149	154
68	16	16	16	16	16	18	19
69	141	147	144	147	156	165	176
70	137	161	190	199	212	235	254
71	15	16	16	16	16	16	16
72	3	5	9	12	13	13	13
73	11	11	11	12	12	12	13
74	46	48	48	51	53	59	61
75	58	62	61	64	66	69	73
76	36	37	35	35	36	37	38
77	12	12	12	13	13	14	17
78	73	76	76	79	84	87	90
79	74	80	85	91	106	123	141
80	25	26	25	26	27	29	29
81	394	465	646	905	950	1,006	1,150
82	172	180	183	186	194	204	214

Table B-3: Average Weekday Air Passenger Trips by AAZ, DCA 2011 – 2040 (continued)

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
83	201	236	262	293	326	358	388
84	87	103	118	134	154	174	192
85	167	173	173	177	183	191	198
86	47	58	65	72	80	87	94
87	43	47	50	54	59	63	68
88	5	6	6	7	8	8	9
89	44	63	81	96	100	104	107
90	13	14	17	19	21	22	23
91	13	13	12	12	13	13	13
92	21	25	29	32	37	40	43
93	83	94	106	115	125	133	140
94	25	27	28	32	37	41	44
95	20	20	21	23	25	27	29
96	0	0	0	0	0	0	0
97	40	40	41	44	46	50	53
98	12	12	12	12	12	13	13
99	0	0	0	0	0	0	0
100	2	2	2	2	2	2	2
101	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0
104	2	2	2	2	2	2	2
105	7	8	9	9	10	10	11
106	30	32	33	35	35	36	37
107	0	0	0	0	0	0	0
108	37	41	41	41	44	46	47
109	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
111	5	6	5	6	6	6	6
112	15	16	16	18	19	21	21
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	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0
119	22	22	22	22	23	23	24
120	14	15	15	15	15	16	17
121	25	25	25	26	26	27	28
122	6	6	7	7	7	7	8
123	124	140	150	161	174	190	206

AAZ	Average Weekday Trips						
	2011	2015	2020	2025	2030	2035	2040
124	111	125	133	143	153	166	181
125	78	89	98	110	120	131	142
126	31	36	39	45	50	55	62
127	111	131	144	163	182	201	222
128	82	90	95	102	112	121	131
129	227	269	300	341	388	436	486
130	19	21	24	28	31	37	43
131	6	6	7	7	7	8	9
132	13	15	16	18	21	24	27
133	8	8	8	8	8	8	8
134	0	0	0	0	0	0	0
135	2	2	2	2	2	2	2
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	9	11	12	14	15	16	17
140	19	19	19	19	19	19	20
141	10	10	10	10	10	10	11
142	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0
144	8	8	8	9	9	9	9
145	2	2	2	2	2	2	2
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	6	6	6	6	6	6	6
150	0	0	0	0	0	0	0
151	41	41	42	42	44	45	46
152	15	15	15	15	15	15	16
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	12	12	12	12	12	12	13
157	10	11	11	11	11	11	12
158	3	3	3	3	3	3	4
159	7	7	7	7	8	8	8
160	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0
Sub-Total Internal	23,769	25,418	26,716	28,087	29,500	30,938	32,604
External Trips	306	327	344	361	380	398	419
Total Trips	24,075	25,745	27,060	28,448	29,880	31,336	33,023

Note:- Numbers may not add to total due to rounding

Table B-4: Average Weekday Air Passenger Trips by AAZ, IAD 2011 - 2040

AAZ	Average Weekday Trips						
	2010	2015	2020	2025	2030	2035	2040
1	0	0	0	0	0	0	0
2	99	93	99	110	123	137	158
3	1,132	1,122	1,338	1,530	1,714	1,950	2,238
4	884	848	903	1,006	1,113	1,254	1,428
5	213	202	214	239	265	300	346
6	185	175	186	206	229	259	298
7	212	211	224	249	275	317	370
8	67	64	70	79	88	102	119
9	126	122	130	150	166	190	220
10	124	121	128	143	157	181	210
11	41	41	45	52	58	67	78
12	121	119	126	142	156	180	210
13	98	100	109	132	146	169	197
14	51	52	58	70	79	90	106
15	37	34	39	46	52	58	67
16	115	123	143	163	197	227	263
17	21	21	23	26	31	35	42
18	174	163	175	202	224	251	289
19	22	24	26	40	45	51	58
20	26	29	31	35	43	50	60
21	4	4	4	5	5	6	7
22	192	206	287	334	387	445	505
23	31	29	31	36	40	44	49
24	62	57	61	67	75	84	94
25	196	212	250	319	366	419	488
26	267	268	301	344	390	439	493
27	239	224	242	272	301	339	379
28	393	409	449	525	599	680	766
29	14	14	15	17	19	21	23
30	100	101	112	130	147	173	206
31	228	229	261	308	351	398	450
32	2	2	2	2	2	3	3
33	133	137	156	189	227	273	317
34	322	308	345	402	460	530	601
35	100	98	109	127	145	167	189
36	232	230	260	305	351	408	462
37	408	385	418	473	529	600	673
38	425	402	434	491	550	623	701
39	100	109	126	151	176	208	238
40	481	461	515	601	687	792	901
41	536	525	587	679	777	898	1,023

AAZ	Average Weekday Trips						
	2010	2015	2020	2025	2030	2035	2040
42	163	184	225	275	325	385	447
43	1,265	1,196	1,294	1,464	1,638	1,856	2,081
44	1,267	1,280	1,587	1,958	2,332	2,772	3,222
45	596	561	605	682	762	865	970
46	413	429	530	683	829	995	1,175
47	306	290	314	357	401	455	512
48	69	65	69	77	85	101	114
49	94	88	93	105	115	134	152
50	135	135	149	165	183	205	233
51	50	50	55	62	70	80	90
52	104	105	118	136	155	176	198
53	189	193	236	279	346	416	494
54	137	138	159	193	230	267	310
55	188	188	220	270	340	416	486
56	59	59	75	104	139	173	202
57	188	181	195	218	240	269	303
58	286	272	295	339	384	439	489
59	44	43	48	57	65	74	82
60	78	73	78	86	96	108	121
61	24	23	28	35	42	53	62
62	48	46	50	56	62	70	78
63	46	43	47	53	58	66	74
64	123	117	128	147	166	190	215
65	57	53	57	64	71	83	96
66	108	101	108	124	140	158	178
67	60	71	85	98	114	130	147
68	17	16	17	18	21	25	29
69	73	72	76	85	97	109	125
70	2	3	4	4	5	6	7
71	105	101	107	119	131	149	167
72	0	0	0	0	0	0	0
73	40	42	45	53	58	67	75
74	18	18	20	23	26	32	37
75	31	30	34	39	44	51	59
76	10	9	10	11	12	14	16
77	0	0	0	0	0	0	0
78	3	3	3	4	4	5	5
79	4	4	5	5	7	9	11
80	0	0	0	0	0	0	0
81	121	134	204	320	365	424	530
82	63	63	69	80	91	103	119

Table B-4: Average Weekday Air Passenger Trips by AAZ, IAD 2011 – 2040 (continued)

AAZ	Average Weekday Trips						
	2010	2015	2020	2025	2030	2035	2040
83	52	56	68	84	103	124	148
84	183	212	269	342	422	516	614
85	246	237	257	291	327	372	421
86	270	305	374	459	550	656	770
87	153	158	184	222	262	311	364
88	386	425	505	615	735	881	1,039
89	277	374	529	698	790	901	1,016
90	81	82	107	133	162	189	216
91	231	219	233	260	290	330	368
92	745	795	1,029	1,332	1,616	1,939	2,299
93	1,067	1,109	1,306	1,557	1,789	2,059	2,347
94	449	457	532	676	843	1,019	1,196
95	27	26	29	35	42	49	58
96	114	108	122	147	181	216	254
97	39	38	43	50	57	68	78
98	41	40	46	54	62	71	82
99	22	23	26	32	37	41	46
100	23	23	26	29	33	36	41
101	4	4	4	5	5	6	6
102	11	10	11	12	13	15	17
103	5	5	5	6	8	9	10
104	19	18	19	21	23	26	29
105	6	7	8	9	11	13	14
106	50	50	56	65	72	81	91
107	8	9	11	13	17	19	23
108	14	14	15	17	20	23	25
109	18	18	21	24	29	33	37
110	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0
112	6	5	6	7	8	10	11
113	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0
115	10	10	11	12	14	16	19
116	9	10	11	14	16	19	21
117	38	37	40	45	51	59	66
118	75	72	78	88	99	114	126
119	38	36	38	43	48	56	61
120	31	30	32	37	40	46	52
121	0	0	0	0	0	0	0
122	58	58	66	75	86	99	113
123	66	70	83	100	119	142	168

AAZ	Average Weekday Trips						
	2010	2015	2020	2025	2030	2035	2040
124	8	9	10	12	15	17	21
125	54	58	70	87	103	123	146
126	0	0	0	0	0	0	0
127	32	35	42	53	65	78	94
128	55	55	63	74	88	103	121
129	155	171	210	265	330	405	493
130	223	237	292	369	466	596	759
131	6	6	7	8	10	11	13
132	162	169	199	244	294	361	439
133	37	35	38	43	47	53	59
134	6	6	6	7	7	8	9
135	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0
137	16	15	16	18	20	22	25
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	13	13	13	15	16	18	21
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	12	11	12	14	15	17	20
150	4	4	4	5	5	6	7
151	0	0	0	0	0	0	0
152	1	1	1	2	2	2	2
153	45	42	46	52	58	65	73
154	0	0	0	0	0	0	0
155	1	1	2	2	2	2	2
156	0	0	0	0	0	0	0
157	2	2	3	3	3	4	4
158	0	0	0	0	0	0	0
159	4	4	5	5	6	7	8
160	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0
Sub-Total Internal	20,505	20,577	23,713	28,132	32,526	37,810	43,598
External Trips	1,025	1,028	1,185	1,406	1,626	1,890	2,179
Total Trips	21,530	21,605	24,898	29,538	34,152	39,700	45,777

Note:- Numbers may not add to total due to rounding

Appendix C
Ground Access Forecast Update
Average Weekday Trips by Airport by Mode

Table C-1: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2011

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	2	3	0	0	0	5
2	6	4	35	33	0	78
3	185	67	129	70	0	451
4	131	69	70	122	4	395
5	21	0	15	0	0	36
6	19	6	13	4	0	42
7	0	0	0	0	0	0
8	13	4	0	3	0	20
9	38	4	0	5	0	47
10	58	28	0	2	0	88
11	13	0	15	10	0	38
12	43	26	12	0	0	81
13	4	4	18	8	0	34
14	19	9	32	18	0	79
15	25	3	106	4	0	138
16	77	31	22	9	5	145
17	25	19	16	5	0	66
18	56	19	18	0	0	93
19	11	1	0	0	5	17
20	3	3	0	0	0	5
21	0	0	0	0	0	0
22	33	2	31	21	0	86
23	8	0	6	0	0	14
24	0	0	0	0	0	0
25	21	4	11	0	0	36
26	13	2	44	3	0	62
27	51	30	0	0	0	81
28	58	25	26	22	0	130
29	18	4	5	0	0	27
30	10	6	16	0	0	32
31	52	18	0	37	0	107
32	22	14	6	0	0	42
33	23	8	0	0	0	31
34	54	35	16	2	0	107
35	43	0	0	0	0	43
36	101	36	0	14	3	154
37	45	47	0	0	0	92
38	65	22	0	0	0	87
39	0	0	0	0	0	0
40	3	5	0	0	0	8
41	26	5	0	0	0	31

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	5	5	0	0	15	25
43	35	41	11	7	0	93
44	27	11	0	0	0	38
45	54	7	0	0	0	61
46	58	4	0	0	0	62
47	49	30	0	4	0	83
48	24	10	0	21	0	55
49	40	5	0	5	0	50
50	77	27	0	11	40	156
51	15	9	0	0	0	24
52	71	41	5	8	0	125
53	69	13	0	0	0	82
54	75	28	0	5	0	108
55	65	28	16	4	0	113
56	63	33	5	6	0	107
57	95	28	0	10	0	133
58	78	49	0	17	0	144
59	177	62	8	0	0	247
60	54	44	0	9	0	107
61	45	7	0	15	5	72
62	101	44	0	0	0	145
63	125	78	0	8	0	211
64	127	47	9	19	0	202
65	49	24	0	9	0	82
66	99	32	5	0	0	136
67	32	22	16	0	9	78
68	34	12	10	23	0	78
69	59	32	0	6	0	97
70	71	21	13	7	0	112
71	46	7	0	0	0	53
72	3	3	0	0	0	6
73	161	81	0	5	0	247
74	89	33	3	0	0	125
75	131	49	0	0	0	180
76	110	41	0	9	0	160
77	59	32	0	0	0	91
78	43	10	0	20	0	73
79	123	58	0	0	0	181
80	6	8	4	0	0	18
81	32	6	0	5	0	43
82	55	17	0	15	0	87

Table C-1: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2011 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	21	5	0	0	0	26
84	5	0	6	0	0	11
85	11	2	3	0	0	16
86	3	0	0	0	0	3
87	16	14	4	0	0	34
88	5	5	0	0	0	9
89	6	3	6	0	0	15
90	0	0	0	0	0	0
91	14	4	0	0	0	18
92	15	11	0	0	0	26
93	23	24	0	0	0	47
94	23	11	0	0	0	34
95	224	115	5	4	0	348
96	107	31	0	0	0	138
97	103	33	5	10	7	158
98	196	84	0	15	0	295
99	205	63	0	0	0	268
100	113	37	0	0	0	150
101	48	38	0	0	0	86
102	70	14	0	0	0	84
103	144	48	0	15	0	207
104	185	110	0	11	11	317
105	102	44	0	11	0	157
106	190	87	0	19	0	296
107	73	17	0	11	0	101
108	341	147	0	15	11	514
109	250	124	0	54	0	428
110	42	7	0	19	0	68
111	19	7	3	84	10	123
112	282	102	17	495	15	911
113	62	33	0	35	7	138
114	12	9	0	0	0	21
115	99	59	0	2	8	168
116	32	8	0	0	0	40
117	203	99	0	5	0	307
118	217	89	0	26	10	342
119	209	66	0	33	0	308
120	268	114	0	15	0	397
121	75	53	0	0	0	128
122	105	42	0	0	0	147
123	141	84	0	0	12	237

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	61	40	0	0	0	101
125	35	9	0	80	14	138
126	3	12	0	0	0	15
127	1	1	4	0	0	6
128	26	14	0	15	0	56
129	13	7	0	0	0	20
130	4	0	0	0	0	4
131	0	0	0	0	0	0
132	41	5	0	0	0	46
133	499	206	105	216	41	1,067
134	233	80	35	64	6	418
135	77	23	0	6	0	106
136	31	26	8	5	0	70
137	92	49	0	3	0	144
138	102	25	15	18	0	160
139	63	29	6	10	13	120
140	181	48	28	15	0	272
141	216	76	35	12	0	339
142	11	4	0	0	0	15
143	154	31	22	6	0	213
144	216	102	5	43	2	368
145	25	10	0	8	0	43
146	13	3	0	0	0	16
147	27	8	6	0	0	41
148	60	29	5	0	0	94
149	201	70	0	8	0	279
150	71	18	0	11	0	100
151	259	96	0	0	0	355
152	106	40	0	4	0	150
153	98	63	3	0	0	164
154	179	71	8	19	0	277
155	211	85	0	27	0	323
156	24	3	0	0	0	27
157	172	93	5	5	5	280
158	133	92	0	11	8	244
159	149	107	0	3	6	265
160	259	111	0	14	6	390
161	15	0	0	0	3	18
Sub-Total Internal	12,443	5,232	1,105	2,122	282	21,183
External Trips	1,622	988	10	223	0	2,843
Total Trips	14,065	6,219	1,115	2,345	282	24,026

Note:- Numbers may not add to total due to rounding

Table C-2: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2015

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	2	3	0	0	0	5
2	6	3	32	31	0	72
3	187	68	128	69	0	452
4	125	65	69	116	3	377
5	19	0	14	0	0	33
6	17	6	12	4	0	40
7	0	0	0	0	0	0
8	13	4	0	3	0	20
9	37	4	0	5	0	46
10	56	27	0	2	0	85
11	13	0	14	9	0	36
12	40	26	12	0	0	78
13	4	4	18	8	0	34
14	19	9	30	17	0	76
15	25	3	101	4	0	133
16	82	35	23	10	6	156
17	25	19	18	5	0	67
18	52	17	17	0	0	86
19	11	1	0	0	6	18
20	3	3	0	0	0	6
21	0	0	0	0	0	0
22	35	2	32	22	0	91
23	7	0	6	0	0	13
24	0	0	0	0	0	0
25	22	5	11	0	0	38
26	13	2	44	3	0	62
27	47	28	0	0	0	75
28	62	29	27	22	0	140
29	17	4	5	0	0	26
30	10	6	16	0	0	32
31	52	18	0	35	0	105
32	21	14	6	0	0	41
33	22	8	0	0	0	30
34	51	33	15	2	0	101
35	43	0	0	0	0	43
36	99	35	0	13	3	150
37	43	43	0	0	0	86
38	61	20	0	0	0	81
39	0	0	0	0	0	0
40	3	5	0	0	0	8
41	25	5	0	0	0	30

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	10	10	0	0	16	35
43	33	38	10	7	0	87
44	28	11	0	0	0	39
45	50	7	0	0	0	57
46	56	4	0	0	0	60
47	46	28	0	4	0	78
48	22	9	0	20	0	51
49	37	5	0	5	0	47
50	73	27	0	11	43	153
51	15	9	0	0	0	24
52	73	41	5	8	0	127
53	70	13	0	0	0	83
54	74	28	0	5	0	107
55	64	28	15	4	0	111
56	61	33	5	6	0	105
57	91	26	0	9	0	126
58	75	46	0	15	0	136
59	171	59	8	0	0	239
60	51	41	0	8	0	100
61	43	7	0	15	4	69
62	94	42	0	0	0	136
63	117	73	0	7	0	197
64	121	44	9	18	0	192
65	45	23	0	8	0	76
66	93	30	5	0	0	128
67	32	22	15	0	11	81
68	31	11	9	21	0	71
69	57	31	0	5	0	93
70	74	23	14	8	0	119
71	45	6	0	0	0	51
72	6	6	0	0	0	11
73	165	82	0	4	0	251
74	86	32	3	0	0	121
75	128	48	0	0	0	176
76	105	39	0	8	0	152
77	56	30	0	0	0	86
78	41	10	0	19	0	70
79	125	59	0	0	0	184
80	5	8	4	0	0	17
81	35	7	0	6	0	48
82	53	17	0	15	0	85

Table C-2: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2015 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	24	5	0	0	0	29
84	5	0	7	0	0	12
85	10	2	3	0	0	15
86	3	0	0	0	0	3
87	17	14	4	0	0	35
88	6	6	0	0	0	12
89	8	5	7	0	0	20
90	0	0	0	0	0	0
91	13	4	0	0	0	17
92	15	12	0	0	0	27
93	23	25	0	0	0	48
94	23	11	0	0	0	34
95	213	111	5	4	0	333
96	102	29	0	0	0	131
97	97	31	5	10	7	150
98	194	84	0	14	0	292
99	220	68	0	0	0	288
100	112	36	0	0	0	148
101	46	36	0	0	0	82
102	68	12	0	0	0	80
103	146	48	0	15	0	209
104	171	103	0	11	11	296
105	108	46	0	12	0	166
106	187	87	0	20	0	294
107	84	21	0	13	0	118
108	345	147	0	15	11	518
109	256	125	0	58	0	439
110	44	8	0	21	0	73
111	19	7	3	79	10	118
112	275	99	17	486	15	892
113	62	33	0	33	7	134
114	11	9	0	0	0	20
115	95	55	0	2	8	160
116	32	8	0	0	0	40
117	194	94	0	5	0	293
118	204	86	0	24	10	324
119	196	61	0	32	0	289
120	255	109	0	14	0	378
121	71	50	0	0	0	121
122	105	42	0	0	0	147
123	146	89	0	0	12	247

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	62	42	0	0	0	104
125	36	9	0	82	15	142
126	3	12	0	0	0	15
127	1	1	4	0	0	6
128	26	14	0	16	0	57
129	13	10	0	0	0	23
130	5	0	0	0	0	5
131	0	0	0	0	0	0
132	43	5	0	0	0	48
133	478	200	106	204	39	1,026
134	225	77	34	61	5	402
135	74	23	0	5	0	102
136	28	25	8	5	0	66
137	85	44	0	3	0	132
138	98	24	15	17	0	154
139	62	27	5	9	12	115
140	172	45	26	14	0	257
141	201	71	32	12	0	316
142	10	4	0	0	0	14
143	152	31	20	6	0	209
144	213	99	5	43	2	362
145	25	10	0	8	0	43
146	13	2	0	0	0	15
147	26	7	6	0	0	39
148	57	27	4	0	0	88
149	188	67	0	8	0	263
150	71	16	0	10	0	97
151	248	91	0	0	0	339
152	100	38	0	4	0	142
153	92	59	3	0	0	154
154	169	66	7	18	0	260
155	203	83	0	26	0	312
156	22	3	0	0	0	25
157	167	90	5	5	4	271
158	127	87	0	10	7	231
159	142	103	0	3	6	254
160	255	110	0	14	6	385
161	15	0	0	0	3	18
Sub-Total Internal	12,140	5,104	1,084	2,066	281	20,674
External Trips	1,582	963	10	218	0	2,773
Total Trips	13,722	6,067	1,094	2,283	281	23,447

Note:- Numbers may not add to total due to rounding

Table C-3: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2020

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	2	3	0	0	0	5
2	7	4	36	35	0	82
3	229	83	159	85	0	556
4	139	73	76	127	4	419
5	22	0	15	0	0	37
6	21	6	14	5	0	45
7	0	0	0	0	0	0
8	15	5	0	3	0	23
9	42	4	0	5	0	51
10	62	30	0	2	0	94
11	15	0	16	10	0	41
12	46	28	13	0	0	87
13	5	5	21	9	0	40
14	22	11	37	20	0	89
15	29	3	122	5	0	159
16	101	42	26	13	7	189
17	28	21	25	6	0	80
18	59	20	19	0	0	98
19	14	1	0	0	7	22
20	4	4	0	0	0	7
21	0	0	0	0	0	0
22	50	3	48	32	0	132
23	8	0	6	0	0	14
24	0	0	0	0	0	0
25	27	6	14	0	0	47
26	15	3	50	4	0	72
27	54	31	0	0	0	85
28	73	34	31	25	0	162
29	19	5	5	0	0	29
30	11	7	19	0	0	37
31	60	22	0	39	0	121
32	24	17	7	0	0	48
33	26	9	0	0	0	35
34	60	39	17	2	0	118
35	51	0	0	0	0	51
36	117	41	0	16	3	177
37	47	50	0	0	0	97
38	68	24	0	0	0	92
39	0	0	0	0	0	0
40	3	6	0	0	0	9
41	30	5	0	0	0	35

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	13	13	0	0	20	45
43	37	42	11	8	0	98
44	39	16	0	0	0	55
45	57	7	0	0	0	64
46	73	5	0	0	0	78
47	53	31	0	4	0	88
48	25	10	0	23	0	58
49	41	5	0	6	0	52
50	83	29	0	13	49	173
51	16	11	0	0	0	27
52	86	49	5	9	0	149
53	87	15	0	0	0	102
54	88	33	0	6	0	127
55	78	35	18	5	0	136
56	83	45	6	8	0	142
57	101	29	0	10	0	140
58	84	52	0	17	0	153
59	198	69	10	0	0	277
60	55	46	0	9	0	110
61	53	9	0	19	5	86
62	105	48	0	0	0	153
63	131	81	0	8	0	220
64	139	51	10	20	0	220
65	50	25	0	9	0	84
66	102	34	5	0	0	141
67	38	27	18	0	14	96
68	34	12	10	23	0	79
69	63	36	0	6	0	105
70	94	31	20	12	0	157
71	49	7	0	0	0	56
72	11	11	0	0	0	22
73	187	92	0	5	0	284
74	98	35	4	0	0	137
75	148	56	0	0	0	204
76	117	44	0	9	0	170
77	62	34	0	0	0	96
78	46	12	0	22	0	80
79	152	70	0	0	0	222
80	6	9	4	0	0	19
81	54	11	0	10	0	75
82	61	19	0	17	0	97

Table C-3: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2020 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	30	7	0	0	0	37
84	7	0	9	0	0	16
85	13	2	3	0	0	18
86	4	0	0	0	0	4
87	21	17	4	0	0	42
88	8	8	0	0	0	16
89	15	8	11	0	0	34
90	0	0	0	0	0	0
91	14	4	0	0	0	18
92	20	16	0	0	0	36
93	28	29	0	0	0	57
94	28	13	0	0	0	41
95	252	131	5	5	0	393
96	118	33	0	0	0	151
97	113	36	5	11	7	172
98	224	97	0	17	0	338
99	262	83	0	0	0	345
100	130	42	0	0	0	172
101	54	44	0	0	0	98
102	73	14	0	0	0	87
103	177	56	0	18	0	251
104	188	113	0	12	12	325
105	129	56	0	14	0	199
106	218	101	0	23	0	342
107	112	27	0	17	0	156
108	400	172	0	17	12	601
109	306	150	0	71	0	527
110	61	11	0	29	0	101
111	22	8	4	97	12	143
112	312	112	19	552	17	1,012
113	71	37	0	36	7	151
114	13	10	0	0	0	23
115	107	62	0	2	9	180
116	39	11	0	0	0	50
117	219	106	0	6	0	331
118	232	96	0	28	11	367
119	217	68	0	35	0	320
120	289	122	0	16	0	427
121	81	56	0	0	0	137
122	123	48	0	0	0	171
123	175	108	0	0	14	297

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	77	50	0	0	0	127
125	44	11	0	95	17	167
126	4	16	0	0	0	20
127	1	1	6	0	0	8
128	33	17	0	21	0	70
129	16	11	0	0	0	27
130	6	0	0	0	0	6
131	0	0	0	0	0	0
132	53	7	0	0	0	60
133	536	222	119	227	43	1,148
134	252	87	38	67	6	450
135	87	27	0	6	0	120
136	33	27	9	6	0	75
137	96	49	0	3	0	148
138	112	28	17	19	0	176
139	73	30	6	10	14	132
140	190	49	29	15	0	283
141	222	78	36	13	0	349
142	11	4	0	0	0	15
143	176	34	25	6	0	241
144	245	114	6	48	2	415
145	28	11	0	9	0	48
146	13	3	0	0	0	16
147	30	8	6	0	0	44
148	63	30	5	0	0	98
149	213	74	0	9	0	296
150	79	19	0	12	0	110
151	281	104	0	0	0	385
152	113	43	0	5	0	161
153	102	67	4	0	0	173
154	188	76	8	21	0	293
155	229	93	0	30	0	352
156	25	3	0	0	0	28
157	187	102	6	6	5	306
158	144	98	0	11	8	261
159	163	118	0	4	7	292
160	300	128	0	17	7	452
161	18	0	0	0	4	22
Sub-Total Internal	14,045	5,892	1,276	2,386	322	23,922
External Trips	1,830	1,114	11	252	0	3,208
Total Trips	15,876	7,006	1,288	2,638	322	27,130

Note:- Numbers may not add to total due to rounding

Table C-4: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2025

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	2	4	0	0	0	6
2	7	4	39	38	0	88
3	265	94	180	97	0	637
4	153	80	84	140	4	462
5	24	0	17	0	0	41
6	21	7	15	5	0	49
7	0	0	0	0	0	0
8	17	5	0	4	0	26
9	45	5	0	6	0	56
10	68	33	0	2	0	103
11	17	0	18	12	0	46
12	52	31	14	0	0	97
13	5	5	26	11	0	47
14	26	13	43	24	0	106
15	33	3	142	5	0	183
16	114	47	30	14	8	213
17	32	25	33	7	0	96
18	67	22	21	0	0	110
19	17	1	0	0	11	29
20	4	4	0	0	0	7
21	0	0	0	0	0	0
22	56	3	55	37	0	152
23	9	0	7	0	0	16
24	0	0	0	0	0	0
25	33	8	18	0	0	59
26	17	3	58	4	0	82
27	60	34	0	0	0	94
28	85	39	36	29	0	188
29	21	6	6	0	0	33
30	14	8	21	0	0	42
31	70	26	0	45	0	141
32	28	18	9	0	0	55
33	32	9	0	0	0	41
34	68	44	21	3	0	136
35	59	0	0	0	0	59
36	136	48	0	18	4	206
37	54	55	0	0	0	109
38	78	26	0	0	0	104
39	0	0	0	0	0	0
40	4	7	0	0	0	11
41	34	6	0	0	0	40

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	16	16	0	0	24	56
43	41	48	13	9	0	110
44	50	22	0	0	0	72
45	63	8	0	0	0	71
46	94	7	0	0	0	101
47	59	36	0	5	0	100
48	27	11	0	25	0	63
49	45	6	0	6	0	57
50	92	32	0	14	53	191
51	18	12	0	0	0	30
52	100	56	6	10	0	172
53	103	18	0	0	0	121
54	106	41	0	8	0	155
55	96	44	22	7	0	169
56	119	64	8	11	0	202
57	113	32	0	11	0	156
58	95	58	0	20	0	173
59	234	82	12	0	0	328
60	61	50	0	10	0	121
61	66	11	0	21	6	104
62	118	52	0	0	0	170
63	145	91	0	10	0	246
64	158	58	11	23	0	250
65	55	28	0	10	0	93
66	117	37	6	0	0	160
67	44	31	20	0	16	110
68	37	13	11	26	0	87
69	70	38	0	7	0	115
70	110	36	23	14	0	183
71	55	8	0	0	0	63
72	21	21	0	0	0	41
73	213	105	0	5	0	323
74	114	40	4	0	0	158
75	170	64	0	0	0	234
76	131	48	0	10	0	189
77	75	40	0	0	0	115
78	52	14	0	25	0	91
79	180	84	0	0	0	264
80	7	10	5	0	0	22
81	85	17	0	15	0	117
82	70	21	0	20	0	111

Table C-4: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2025 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	37	8	0	0	0	45
84	8	0	12	0	0	20
85	14	2	3	0	0	19
86	5	0	0	0	0	5
87	25	21	5	0	0	51
88	10	10	0	0	0	20
89	21	11	14	0	0	46
90	0	0	0	0	0	0
91	17	4	0	0	0	21
92	26	20	0	0	0	46
93	31	34	0	0	0	65
94	35	17	0	0	0	52
95	303	157	6	6	0	472
96	137	39	0	0	0	176
97	132	42	6	13	8	201
98	257	113	0	20	0	390
99	304	96	0	0	0	400
100	149	48	0	0	0	197
101	61	49	0	0	0	110
102	81	15	0	0	0	96
103	212	68	0	21	0	301
104	211	126	0	13	13	363
105	157	68	0	18	0	243
106	251	116	0	26	0	393
107	138	34	0	20	0	192
108	457	196	0	20	13	686
109	352	173	0	81	0	606
110	81	15	0	39	0	135
111	26	10	4	114	14	168
112	381	136	23	675	21	1,236
113	80	42	0	41	8	171
114	15	11	0	0	0	26
115	121	71	0	3	10	205
116	48	14	0	0	0	62
117	247	120	0	7	0	374
118	261	109	0	31	12	413
119	241	74	0	39	0	354
120	323	139	0	18	0	480
121	91	64	0	0	0	155
122	140	56	0	0	0	196
123	209	129	0	0	16	354

Note:- Numbers may not add to total due to rounding

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	91	60	0	0	0	151
125	53	13	0	110	20	196
126	5	19	0	0	0	24
127	2	2	6	0	0	10
128	38	21	0	25	0	83
129	20	14	0	0	0	34
130	7	0	0	0	0	7
131	0	0	0	0	0	0
132	66	8	0	0	0	74
133	595	248	133	253	48	1,276
134	276	96	42	74	7	495
135	99	29	0	7	0	135
136	35	31	10	7	0	83
137	105	55	0	3	0	163
138	128	32	19	22	0	201
139	83	34	7	11	15	150
140	210	56	32	17	0	315
141	244	86	40	14	0	384
142	12	5	0	0	0	17
143	198	39	27	7	0	271
144	276	130	6	56	3	471
145	31	12	0	10	0	53
146	15	3	0	0	0	18
147	33	9	7	0	0	49
148	71	34	6	0	0	111
149	238	84	0	10	0	332
150	88	21	0	13	0	122
151	315	116	0	0	0	431
152	126	48	0	5	0	179
153	115	74	4	0	0	193
154	210	85	9	23	0	327
155	253	104	0	33	0	390
156	29	3	0	0	0	32
157	211	113	6	6	5	341
158	158	110	0	13	9	290
159	187	135	0	4	8	334
160	351	149	0	20	8	528
161	19	0	0	0	5	24
Sub-Total Internal	16,138	6,766	1,460	2,770	369	27,503
External Trips	2,105	1,282	13	289	0	3,690
Total Trips	18,243	8,048	1,473	3,060	369	31,193

Table C-5: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2030

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	2	4	0	0	0	6
2	8	5	44	42	0	99
3	298	107	203	109	0	717
4	171	89	93	156	5	515
5	27	0	18	0	0	45
6	25	8	16	6	0	55
7	0	0	0	0	0	0
8	18	6	0	4	0	28
9	53	5	0	6	0	64
10	77	37	0	2	0	116
11	19	0	20	14	0	53
12	57	35	16	0	0	108
13	6	6	29	12	0	53
14	33	18	53	35	0	139
15	39	4	163	7	0	213
16	136	58	38	16	9	257
17	37	28	39	7	0	112
18	75	25	25	0	0	125
19	20	1	0	0	13	34
20	5	5	0	0	0	9
21	0	0	0	0	0	0
22	65	4	65	43	0	177
23	10	0	7	0	0	17
24	0	0	0	0	0	0
25	39	9	20	0	0	68
26	19	3	66	5	0	93
27	67	39	0	0	0	106
28	97	46	42	33	0	218
29	23	6	7	0	0	36
30	15	8	25	0	0	48
31	79	31	0	51	0	161
32	32	20	10	0	0	62
33	37	12	0	0	0	49
34	79	51	24	3	0	157
35	66	0	0	0	0	66
36	158	55	0	21	5	239
37	61	62	0	0	0	123
38	87	30	0	0	0	117
39	0	0	0	0	0	0
40	4	8	0	0	0	12
41	39	7	0	0	0	46

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	20	20	0	0	28	68
43	46	53	14	10	0	124
44	63	27	0	0	0	90
45	72	9	0	0	0	81
46	115	9	0	0	0	124
47	66	41	0	5	0	112
48	31	13	0	27	0	70
49	49	7	0	7	0	63
50	102	36	0	16	60	214
51	20	13	0	0	0	33
52	114	64	7	12	0	197
53	125	22	0	0	0	147
54	126	49	0	9	0	184
55	120	54	29	8	0	211
56	170	91	10	14	0	285
57	126	36	0	13	0	175
58	110	68	0	22	0	200
59	271	95	13	0	0	379
60	69	56	0	11	0	136
61	79	14	0	26	8	127
62	131	59	0	0	0	190
63	163	102	0	10	0	275
64	181	67	13	27	0	288
65	62	31	0	11	0	104
66	133	44	7	0	0	184
67	51	36	24	0	19	130
68	41	14	12	29	0	97
69	80	44	0	8	0	132
70	128	42	27	16	0	213
71	62	9	0	0	0	71
72	40	40	0	0	0	79
73	241	120	0	6	0	367
74	134	47	5	0	0	186
75	193	73	0	0	0	266
76	148	53	0	11	0	212
77	87	45	0	0	0	132
78	61	16	0	29	0	106
79	229	106	0	0	0	335
80	8	11	6	0	0	25
81	98	20	0	17	0	135
82	78	25	0	23	0	126

Table C-5: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2030 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	45	10	0	0	0	55
84	10	0	15	0	0	25
85	15	3	4	0	0	22
86	6	0	0	0	0	6
87	30	25	6	0	0	61
88	13	13	0	0	0	25
89	25	14	16	0	0	55
90	0	0	0	0	0	0
91	18	5	0	0	0	23
92	32	24	0	0	0	56
93	35	39	0	0	0	74
94	45	21	0	0	0	66
95	355	186	8	7	0	556
96	167	46	0	0	0	213
97	152	50	7	15	10	234
98	298	131	0	23	0	452
99	353	111	0	0	0	464
100	166	54	0	0	0	220
101	67	55	0	0	0	122
102	91	17	0	0	0	108
103	255	81	0	26	0	362
104	236	140	0	15	14	405
105	185	80	0	21	0	286
106	284	132	0	30	0	446
107	165	40	0	24	0	229
108	532	227	0	23	16	798
109	411	202	0	93	0	706
110	95	17	0	46	0	158
111	30	11	5	133	16	195
112	442	156	26	778	24	1,426
113	92	49	0	47	9	196
114	17	13	0	0	0	30
115	137	79	0	3	12	231
116	57	16	0	0	0	73
117	281	136	0	8	0	425
118	295	123	0	35	14	467
119	273	84	0	44	0	401
120	368	156	0	20	0	544
121	102	72	0	0	0	174
122	160	63	0	0	0	223
123	245	156	0	0	19	420

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	108	71	0	0	0	179
125	63	16	0	129	23	231
126	6	25	0	0	0	31
127	2	2	8	0	0	12
128	47	25	0	29	0	101
129	25	17	0	0	0	42
130	10	0	0	0	0	10
131	0	0	0	0	0	0
132	81	10	0	0	0	91
133	666	277	148	283	53	1,427
134	309	106	46	82	7	551
135	110	34	0	8	0	152
136	40	35	11	7	0	93
137	118	61	0	4	0	183
138	147	36	21	25	0	229
139	97	39	7	12	16	171
140	235	63	36	19	0	353
141	272	96	45	16	0	429
142	13	6	0	0	0	19
143	221	43	29	8	0	301
144	312	147	7	63	3	532
145	34	14	0	13	0	61
146	17	3	0	0	0	20
147	37	10	8	0	0	55
148	80	39	6	0	0	125
149	269	94	0	11	0	374
150	99	23	0	15	0	137
151	353	130	0	0	0	483
152	142	54	0	6	0	202
153	127	84	5	0	0	216
154	239	94	10	26	0	369
155	286	116	0	38	0	440
156	32	4	0	0	0	36
157	236	127	7	7	6	383
158	179	122	0	14	10	325
159	217	156	0	5	9	387
160	408	176	0	23	10	617
161	21	0	0	0	5	26
Sub-Total Internal	18,571	7,803	1,671	3,173	423	31,641
External Trips	2,422	1,475	15	333	0	4,245
Total Trips	20,993	9,278	1,686	3,506	423	35,886

Note:- Numbers may not add to total due to rounding

Table C-6: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2035

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	2	5	0	0	0	7
2	9	5	50	48	0	112
3	341	122	232	125	0	819
4	194	102	106	176	5	583
5	30	0	22	0	0	52
6	27	9	19	7	0	62
7	0	0	0	0	0	0
8	21	7	0	5	0	33
9	59	6	0	7	0	72
10	87	43	0	3	0	133
11	22	0	24	16	0	61
12	66	40	18	0	0	124
13	7	7	33	14	0	61
14	40	23	66	47	0	176
15	44	4	187	8	0	243
16	158	67	44	20	11	300
17	43	33	46	8	0	130
18	85	28	27	0	0	140
19	22	1	0	0	15	38
20	6	6	0	0	0	11
21	0	0	0	0	0	0
22	75	4	75	50	0	204
23	11	0	9	0	0	20
24	0	0	0	0	0	0
25	44	10	23	0	0	77
26	22	4	74	6	0	106
27	76	43	0	0	0	119
28	110	52	47	38	0	247
29	26	7	7	0	0	40
30	18	10	29	0	0	57
31	92	34	0	57	0	183
32	40	27	13	0	0	80
33	45	15	0	0	0	60
34	91	58	27	4	0	180
35	78	0	0	0	0	78
36	185	64	0	25	5	279
37	69	71	0	0	0	140
38	99	34	0	0	0	133
39	0	0	0	0	0	0
40	5	9	0	0	0	14
41	45	8	0	0	0	53

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	25	25	0	0	33	82
43	54	61	16	11	0	142
44	77	33	0	0	0	110
45	82	10	0	0	0	92
46	138	10	0	0	0	148
47	76	47	0	6	0	129
48	36	15	0	32	0	83
49	58	8	0	8	0	74
50	115	41	0	18	67	241
51	22	15	0	0	0	37
52	129	73	8	13	0	223
53	148	26	0	0	0	174
54	149	55	0	10	0	214
55	148	66	35	10	0	259
56	215	116	12	16	0	359
57	141	40	0	14	0	195
58	125	76	0	26	0	227
59	307	108	15	0	0	430
60	77	62	0	13	0	152
61	99	17	0	32	9	157
62	149	66	0	0	0	215
63	184	115	0	12	0	311
64	208	76	15	30	0	329
65	74	36	0	13	0	123
66	152	49	8	0	0	209
67	58	41	27	0	21	148
68	50	17	15	35	0	118
69	91	51	0	10	0	152
70	158	51	32	20	0	261
71	69	10	0	0	0	79
72	62	62	0	0	0	123
73	276	136	0	7	0	419
74	158	56	6	0	0	220
75	222	83	0	0	0	305
76	170	61	0	13	0	244
77	98	52	0	0	0	150
78	71	17	0	33	0	121
79	291	135	0	0	0	426
80	9	13	7	0	0	29
81	114	23	0	20	0	157
82	90	29	0	26	0	145

Table C-6: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2035 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	55	12	0	0	0	67
84	13	0	18	0	0	31
85	18	3	4	0	0	25
86	7	0	0	0	0	7
87	35	31	7	0	0	74
88	16	16	0	0	0	32
89	29	16	19	0	0	64
90	0	0	0	0	0	0
91	21	6	0	0	0	27
92	37	29	0	0	0	66
93	41	44	0	0	0	85
94	54	26	0	0	0	80
95	421	221	9	9	0	660
96	198	53	0	0	0	251
97	180	58	8	17	11	274
98	346	152	0	26	0	524
99	407	128	0	0	0	535
100	185	61	0	0	0	246
101	76	62	0	0	0	138
102	103	19	0	0	0	122
103	309	96	0	31	0	436
104	266	157	0	17	16	456
105	210	93	0	24	0	327
106	321	147	0	33	0	501
107	191	47	0	29	0	267
108	614	264	0	26	18	922
109	481	235	0	109	0	825
110	117	21	0	56	0	194
111	35	13	6	156	19	229
112	524	184	32	927	29	1,696
113	105	57	0	54	11	226
114	20	14	0	0	0	34
115	157	91	0	3	13	264
116	67	19	0	0	0	86
117	321	156	0	9	0	486
118	338	140	0	40	16	534
119	310	96	0	51	0	457
120	420	178	0	23	0	621
121	117	81	0	0	0	198
122	185	73	0	0	0	258
123	292	187	0	0	22	501

Note:- Numbers may not add to total due to rounding

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	129	85	0	0	0	214
125	75	19	0	151	27	272
126	8	30	0	0	0	38
127	2	2	10	0	0	14
128	56	29	0	36	0	121
129	31	21	0	0	0	52
130	12	0	0	0	0	12
131	0	0	0	0	0	0
132	101	13	0	0	0	114
133	748	311	167	317	60	1,604
134	348	120	52	92	8	620
135	123	39	0	9	0	171
136	45	39	12	8	0	104
137	132	69	0	4	0	205
138	166	40	24	28	0	258
139	110	44	8	14	19	195
140	264	71	41	21	0	397
141	305	108	50	18	0	481
142	15	6	0	0	0	21
143	248	49	34	9	0	340
144	351	164	8	72	3	598
145	38	16	0	15	0	69
146	19	4	0	0	0	23
147	41	12	9	0	0	62
148	91	43	7	0	0	141
149	305	107	0	12	0	424
150	111	27	0	17	0	155
151	398	147	0	0	0	545
152	161	61	0	6	0	228
153	146	94	5	0	0	245
154	267	107	12	30	0	416
155	324	131	0	42	0	497
156	37	4	0	0	0	41
157	268	144	8	8	7	435
158	201	139	0	16	12	368
159	251	180	0	5	10	446
160	473	205	0	26	11	715
161	23	0	0	0	6	29
Sub-Total Internal	21,434	9,006	1,924	3,687	484	36,535
External Trips	2,797	1,703	17	384	0	4,901
Total Trips	24,230	10,709	1,941	4,072	484	41,436

Table C-7: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2040

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	3	5	0	0	0	8
2	10	6	58	55	0	129
3	394	141	269	144	0	948
4	224	116	123	202	6	672
5	35	0	25	0	0	60
6	33	10	23	8	0	73
7	0	0	0	0	0	0
8	25	8	0	5	0	38
9	68	7	0	9	0	84
10	103	49	0	3	0	155
11	26	0	27	19	0	72
12	77	47	22	0	0	146
13	8	8	39	17	0	72
14	47	26	77	54	0	204
15	51	6	216	9	0	282
16	183	78	51	23	12	347
17	51	39	53	10	0	153
18	99	33	31	0	0	163
19	26	1	0	0	17	44
20	7	7	0	0	0	13
21	0	0	0	0	0	0
22	89	5	84	56	0	234
23	12	0	10	0	0	22
24	0	0	0	0	0	0
25	52	12	28	0	0	92
26	25	4	84	7	0	120
27	84	49	0	0	0	133
28	124	57	53	43	0	277
29	29	8	8	0	0	45
30	21	13	35	0	0	69
31	104	40	0	66	0	210
32	48	32	16	0	0	96
33	52	17	0	0	0	69
34	104	67	31	4	0	206
35	89	0	0	0	0	89
36	209	75	0	29	6	319
37	78	80	0	0	0	158
38	113	39	0	0	0	152
39	0	0	0	0	0	0
40	5	11	0	0	0	16
41	51	9	0	0	0	60

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	29	29	0	0	38	96
43	60	68	18	13	0	160
44	90	39	0	0	0	129
45	92	12	0	0	0	104
46	166	12	0	0	0	178
47	86	52	0	7	0	145
48	42	17	0	37	0	96
49	67	9	0	9	0	85
50	132	47	0	20	77	276
51	26	17	0	0	0	43
52	147	83	9	15	0	254
53	173	30	0	0	0	203
54	172	66	0	12	0	250
55	174	78	41	12	0	305
56	260	140	14	19	0	433
57	160	46	0	16	0	222
58	142	86	0	29	0	257
59	348	121	16	0	0	485
60	87	71	0	14	0	172
61	117	20	0	39	10	186
62	168	75	0	0	0	243
63	208	129	0	13	0	350
64	238	88	17	35	0	378
65	85	42	0	15	0	142
66	172	56	9	0	0	237
67	67	47	31	0	24	169
68	57	20	17	39	0	132
69	108	57	0	12	0	177
70	191	61	38	22	0	312
71	78	12	0	0	0	90
72	86	86	0	0	0	171
73	313	155	0	9	0	477
74	186	66	7	0	0	259
75	259	97	0	0	0	356
76	197	70	0	14	0	281
77	115	59	0	0	0	174
78	78	20	0	38	0	136
79	366	172	0	0	0	538
80	10	15	9	0	0	34
81	141	29	0	26	0	196
82	104	33	0	30	0	167

Table C-7: Average Weekday Air Passenger Trips by Mode and AAZ, BWI -2040 (continued)

AAZ	Auto Driver	Auto Passenger	Airport Transit	Transit	Other	Total
83	65	14	0	0	0	79
84	16	0	22	0	0	38
85	20	4	5	0	0	29
86	9	0	0	0	0	9
87	42	38	9	0	0	88
88	20	20	0	0	0	40
89	34	19	21	0	0	74
90	0	0	0	0	0	0
91	23	7	0	0	0	30
92	46	34	0	0	0	80
93	46	50	0	0	0	96
94	64	31	0	0	0	95
95	501	263	11	10	0	785
96	235	63	0	0	0	298
97	207	67	10	20	13	317
98	401	177	0	31	0	609
99	458	143	0	0	0	601
100	210	67	0	0	0	277
101	85	69	0	0	0	154
102	115	21	0	0	0	136
103	360	111	0	34	0	505
104	299	177	0	19	18	513
105	237	104	0	27	0	368
106	360	166	0	38	0	564
107	224	53	0	33	0	310
108	693	295	0	30	20	1,038
109	542	265	0	122	0	929
110	131	24	0	63	0	218
111	40	15	6	175	21	257
112	590	208	36	1,043	32	1,909
113	119	64	0	61	12	255
114	22	17	0	0	0	39
115	177	102	0	4	15	298
116	76	21	0	0	0	97
117	362	176	0	10	0	548
118	381	158	0	45	18	602
119	350	109	0	57	0	516
120	472	201	0	27	0	700
121	132	91	0	0	0	223
122	213	84	0	0	0	297
123	348	223	0	0	25	596

AAZ	Auto Driver	Auto Passenger	Airport Transit	Transit	Other	Total
124	153	101	0	0	0	254
125	89	22	0	178	31	320
126	9	38	0	0	0	47
127	3	3	12	0	0	18
128	68	34	0	42	0	144
129	39	25	0	0	0	64
130	16	0	0	0	0	16
131	0	0	0	0	0	0
132	126	16	0	0	0	142
133	844	350	188	357	67	1,807
134	391	136	58	104	9	698
135	140	43	0	10	0	193
136	51	44	14	9	0	118
137	148	78	0	5	0	231
138	187	46	27	32	0	292
139	125	49	9	16	21	220
140	299	79	46	24	0	448
141	345	121	56	20	0	542
142	17	7	0	0	0	24
143	281	55	38	10	0	384
144	395	184	9	80	4	672
145	44	18	0	16	0	78
146	22	4	0	0	0	26
147	47	13	10	0	0	70
148	102	48	8	0	0	158
149	346	120	0	14	0	480
150	127	30	0	19	0	176
151	453	165	0	0	0	618
152	181	70	0	7	0	258
153	164	106	6	0	0	276
154	305	120	13	34	0	472
155	365	149	0	48	0	562
156	41	5	0	0	0	46
157	301	164	9	9	8	491
158	229	157	0	18	13	417
159	289	207	0	6	12	514
160	549	237	0	30	13	829
161	27	0	0	0	7	34
Sub-Total Internal	24,598	10,330	2,212	4,194	549	41,884
External Trips	3,207	1,953	20	441	0	5,621
Total Trips	27,805	12,283	2,232	4,635	549	47,505

Note:- Numbers may not add to total due to rounding

Table C-8: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2011

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	10	8	26	0	0	44
2	190	14	119	0	5	328
3	1,738	473	728	149	33	3,120
4	1,084	313	406	121	21	1,945
5	227	53	85	8	4	377
6	269	83	69	55	11	487
7	55	18	18	3	0	94
8	44	7	8	9	0	68
9	96	11	72	9	0	188
10	94	32	60	0	0	186
11	60	23	24	20	0	127
12	92	11	56	0	0	159
13	87	19	129	6	0	241
14	61	22	60	18	0	160
15	115	46	135	12	0	307
16	254	63	86	32	0	435
17	46	22	18	0	0	86
18	141	62	170	23	11	408
19	77	10	13	0	0	100
20	47	12	0	0	0	59
21	0	0	0	0	0	0
22	380	102	178	634	22	1,316
23	134	53	48	62	0	297
24	25	6	62	52	0	145
25	244	47	139	8	0	438
26	515	115	201	33	33	897
27	220	92	24	0	0	336
28	458	149	58	15	4	684
29	119	53	0	0	0	172
30	134	44	69	11	26	285
31	394	129	192	119	5	838
32	37	12	26	0	0	75
33	172	68	27	15	0	282
34	220	91	25	0	0	336
35	306	156	25	12	0	499
36	385	163	99	0	0	647
37	201	128	142	0	0	471
38	143	45	9	0	0	197
39	90	46	12	15	0	163
40	28	9	0	0	0	37
41	188	56	66	8	0	318

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	3	3	0	0	0	6
43	99	39	11	0	0	149
44	29	15	5	0	0	49
45	85	21	0	13	0	119
46	203	31	0	7	7	248
47	182	67	4	3	0	256
48	41	7	0	9	0	57
49	52	44	29	19	0	143
50	82	28	116	19	0	246
51	47	11	13	0	4	75
52	69	11	86	3	11	180
53	80	12	19	19	0	130
54	141	37	101	31	0	311
55	111	37	6	4	0	158
56	28	31	0	21	0	81
57	95	35	15	25	17	187
58	73	26	6	0	0	105
59	35	20	19	0	9	83
60	23	30	16	4	0	74
61	16	8	16	0	0	40
62	45	16	5	15	0	81
63	10	0	20	0	0	30
64	81	27	53	13	0	174
65	51	7	49	0	0	107
66	37	8	19	0	4	68
67	35	10	55	3	0	103
68	4	4	8	0	0	16
69	48	15	69	0	10	141
70	42	18	43	6	27	137
71	8	0	7	0	0	15
72	2	2	0	0	0	3
73	6	6	0	0	0	11
74	19	13	15	0	0	46
75	26	11	17	4	0	58
76	28	8	0	0	0	36
77	12	0	0	0	0	12
78	45	28	0	0	0	73
79	48	19	3	0	4	74
80	3	4	12	7	0	25
81	191	89	0	102	11	394
82	103	39	5	9	16	172

Table C-8: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2011 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	121	57	14	3	6	201
84	53	15	6	13	0	87
85	97	56	0	0	14	167
86	34	13	0	0	0	47
87	33	10	0	0	0	43
88	0	0	0	5	0	5
89	21	23	0	0	0	44
90	13	0	0	0	0	13
91	4	9	0	0	0	13
92	16	2	0	3	0	21
93	53	27	3	0	0	83
94	22	3	0	0	0	25
95	8	8	4	0	0	20
96	0	0	0	0	0	0
97	24	14	2	0	0	40
98	12	0	0	0	0	12
99	0	0	0	0	0	0
100	2	0	0	0	0	2
101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	2	0	0	0	0	2
105	0	0	7	0	0	7
106	23	7	0	0	0	30
107	0	0	0	0	0	0
108	29	8	0	0	0	37
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	5	0	0	0	0	5
112	0	0	0	15	0	15
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	0	0	0	0	0	0
118	0	0	0	0	0	0
119	18	0	0	4	0	22
120	0	0	6	0	8	14
121	20	5	0	0	0	25
122	5	1	0	0	0	6
123	77	43	0	4	0	124

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	84	22	0	5	0	111
125	60	18	0	0	0	78
126	27	4	0	0	0	31
127	75	32	4	0	0	111
128	53	29	0	0	0	82
129	157	47	16	7	0	227
130	5	14	0	0	0	19
131	6	0	0	0	0	6
132	8	5	0	0	0	13
133	4	0	0	4	0	8
134	0	0	0	0	0	0
135	1	1	0	0	0	2
136	1	3	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	9	0	0	9
140	8	11	0	0	0	19
141	3	7	0	0	0	10
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	8	0	0	0	0	8
145	1	1	0	0	0	2
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	6	0	0	0	0	6
150	0	0	0	0	0	0
151	31	10	0	0	0	41
152	11	4	0	0	0	15
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	10	2	0	0	0	12
157	7	3	0	0	0	10
158	1	2	0	0	0	3
159	7	0	0	0	0	7
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	12,784	4,217	4,597	1,848	323	23,769
External Trips	121	126	60	0	0	306
Total Trips	12,905	4,342	4,656	1,848	323	24,075

Note:- Numbers may not add to total due to rounding

Table C-9: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2015

AAZ	Auto Driver	Auto Passenger	Airport Transit	Transit	Other	Total
1	0	0	44	0	0	44
2	145	52	117	16	0	330
3	1,228	730	1,190	165	5	3,318
4	616	499	717	101	65	1,998
5	231	101	38	15	0	385
6	203	53	139	84	16	495
7	76	26	0	0	0	102
8	41	17	13	0	0	71
9	117	43	35	0	0	195
10	113	4	64	9	0	190
11	53	34	48	0	0	134
12	69	17	74	7	0	167
13	131	77	42	12	0	261
14	67	23	64	19	0	173
15	122	47	143	14	0	325
16	276	124	74	18	0	492
17	47	47	0	0	0	93
18	153	88	168	0	0	409
19	0	0	0	112	0	112
20	65	0	0	0	0	65
21	0	0	0	0	0	0
22	493	299	360	344	0	1,496
23	200	68	30	0	0	298
24	76	28	28	9	0	142
25	179	84	169	78	0	510
26	349	194	328	101	0	972
27	181	105	51	0	0	337
28	378	208	117	69	0	772
29	112	66	11	0	0	189
30	180	78	47	0	0	305
31	426	196	132	132	0	886
32	46	23	10	0	0	79
33	202	30	32	47	0	310
34	155	145	35	10	0	345
35	426	107	0	0	0	533
36	486	61	42	95	0	684
37	351	125	0	0	0	476
38	130	69	0	0	0	199
39	108	76	0	0	0	184
40	29	9	0	0	0	38
41	211	80	27	16	0	334

AAZ	Auto Driver	Auto Passenger	Airport Transit	Transit	Other	Total
42	9	3	0	2	0	14
43	91	33	20	7	0	151
44	20	13	11	9	0	53
45	73	28	14	6	0	121
46	124	53	47	40	0	264
47	145	99	16	0	0	259
48	36	10	5	6	0	57
49	55	81	0	8	0	144
50	79	174	16	0	0	269
51	25	35	12	12	0	84
52	59	79	30	24	6	197
53	61	59	4	17	0	141
54	211	105	10	10	0	336
55	81	79	5	7	0	172
56	64	23	0	0	0	87
57	88	107	0	0	0	195
58	64	33	0	9	0	106
59	70	16	0	0	0	86
60	46	27	2	0	0	75
61	18	18	1	5	0	42
62	40	27	0	15	0	82
63	12	18	0	0	0	30
64	75	79	11	15	0	180
65	72	18	7	13	0	110
66	31	28	0	7	0	66
67	60	27	19	14	0	120
68	10	3	2	0	0	16
69	62	63	22	0	0	147
70	68	70	24	0	0	161
71	10	5	1	0	0	16
72	0	0	0	0	0	0
73	7	3	1	0	0	11
74	18	23	7	0	0	48
75	22	26	9	5	0	62
76	30	0	0	7	0	37
77	12	0	0	0	0	12
78	48	19	10	0	0	76
79	40	40	0	0	0	80
80	3	4	12	7	0	26
81	465	0	0	0	0	465
82	157	23	0	0	0	180

Table C-9: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2015 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	164	72	0	0	0	236
84	61	42	0	0	0	103
85	76	66	0	31	0	173
86	48	10	0	0	0	58
87	31	16	0	0	0	47
88	5	1	0	0	0	6
89	29	34	0	0	0	63
90	2	3	0	9	0	14
91	8	5	0	0	0	13
92	11	7	3	4	0	25
93	50	24	6	14	0	94
94	20	5	0	2	0	27
95	17	3	0	0	0	20
96	0	0	0	0	0	0
97	35	2	0	3	0	40
98	5	8	0	0	0	12
99	0	0	0	0	0	0
100	0	0	0	0	0	0
101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	0	0	0	2	0	2
105	0	0	0	0	0	0
106	25	7	0	0	0	32
107	0	0	0	0	0	0
108	41	0	0	0	0	41
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	6	0	0	0	0	6
112	0	0	0	16	0	16
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	0	0	0	0	0	0
118	0	0	0	0	0	0
119	18	0	0	4	0	22
120	13	2	0	0	0	15
121	13	13	0	0	0	25
122	6	0	0	0	0	6
123	87	48	0	5	0	140

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	38	87	0	0	0	125
125	73	16	0	0	0	89
126	18	18	0	0	0	36
127	58	73	0	0	0	131
128	25	36	0	30	0	90
129	212	57	0	0	0	269
130	12	9	0	0	0	21
131	4	2	0	0	0	6
132	7	4	0	4	0	15
133	4	0	0	4	0	8
134	0	0	0	0	0	0
135	1	1	0	0	0	2
136	1	3	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	11	0	0	11
140	8	11	0	0	0	19
141	3	7	0	0	0	10
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	8	0	0	0	0	8
145	1	1	0	0	0	2
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	6	0	0	0	0	6
150	0	0	0	0	0	0
151	31	10	0	0	0	41
152	11	4	0	0	0	15
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	10	2	0	0	0	12
157	8	3	0	0	0	11
158	1	2	0	0	0	3
159	7	0	0	0	0	7
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	12,444	6,296	4,724	1,847	93	25,403
External Trips	129	134	64	0	0	327
Total Trips	12,573	6,430	4,787	1,847	93	25,730

Note:- Numbers may not add to total due to rounding

Table C-10: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2020

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	43	0	0	43
2	141	52	117	14	0	323
3	1,355	804	1,308	145	6	3,618
4	601	485	697	99	66	1,947
5	224	97	38	15	0	374
6	198	52	135	83	16	483
7	73	24	0	0	0	97
8	40	17	12	0	0	69
9	114	42	34	0	0	190
10	109	5	62	8	0	185
11	53	35	47	0	0	135
12	67	16	72	7	0	163
13	132	78	39	10	0	259
14	69	25	65	19	0	177
15	125	49	148	14	0	337
16	293	132	77	16	0	518
17	49	49	0	0	0	97
18	149	86	165	0	0	400
19	0	0	0	121	0	121
20	63	0	0	0	0	63
21	0	0	0	0	0	0
22	632	383	459	439	0	1,914
23	196	65	29	0	0	290
24	81	24	24	8	0	138
25	193	92	182	84	0	551
26	356	199	336	102	0	992
27	180	103	51	0	0	334
28	381	211	116	70	0	778
29	111	64	11	0	0	185
30	184	82	48	0	0	314
31	436	200	135	135	0	907
32	45	23	11	0	0	79
33	208	32	32	48	0	319
34	159	149	35	11	0	353
35	436	110	0	0	0	546
36	505	64	42	99	0	710
37	346	125	0	0	0	471
38	129	67	0	0	0	196
39	114	81	0	0	0	195
40	29	9	0	0	0	38
41	216	82	27	16	0	341

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	11	4	0	3	0	17
43	91	33	20	7	0	150
44	22	15	13	10	0	60
45	71	27	14	6	0	118
46	141	60	54	45	0	299
47	144	97	16	0	0	257
48	35	10	4	6	0	56
49	54	79	0	8	0	141
50	81	177	14	0	0	272
51	25	33	12	12	0	83
52	61	82	31	25	6	204
53	68	66	5	18	0	157
54	219	109	10	10	0	349
55	88	85	5	7	0	186
56	72	26	0	0	0	98
57	86	106	0	0	0	192
58	64	33	0	9	0	106
59	71	17	0	0	0	88
60	44	26	2	0	0	73
61	19	19	1	6	0	45
62	40	27	0	15	0	82
63	12	18	0	0	0	30
64	76	81	11	14	0	182
65	70	17	6	13	0	107
66	31	27	0	6	0	64
67	64	29	19	16	0	128
68	10	3	3	0	0	16
69	61	62	22	0	0	144
70	80	82	28	0	0	190
71	10	5	1	0	0	16
72	0	0	0	0	0	0
73	7	3	1	0	0	11
74	18	23	7	0	0	48
75	21	26	9	5	0	61
76	28	0	0	8	0	35
77	12	0	0	0	0	12
78	49	19	8	0	0	76
79	43	43	0	0	0	85
80	3	4	12	7	0	25
81	646	0	0	0	0	646
82	158	25	0	0	0	183

Table C-10: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2020 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	182	80	0	0	0	262
84	69	49	0	0	0	118
85	76	66	0	31	0	173
86	54	11	0	0	0	65
87	33	17	0	0	0	50
88	5	1	0	0	0	6
89	37	44	0	0	0	81
90	2	4	0	11	0	17
91	7	4	0	0	0	12
92	13	8	3	5	0	29
93	56	28	6	16	0	106
94	20	5	0	2	0	28
95	18	3	0	0	0	21
96	0	0	0	0	0	0
97	36	2	0	3	0	41
98	5	7	0	0	0	12
99	0	0	0	0	0	0
100	0	0	0	0	0	0
101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	0	0	0	2	0	2
105	0	0	0	0	0	0
106	25	8	0	0	0	33
107	0	0	0	0	0	0
108	41	0	0	0	0	41
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	5	0	0	0	0	5
112	0	0	0	16	0	16
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	0	0	0	0	0	0
118	0	0	0	0	0	0
119	18	0	0	4	0	22
120	13	2	0	0	0	15
121	13	13	0	0	0	25
122	7	0	0	0	0	7
123	93	52	0	5	0	150

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	40	93	0	0	0	133
125	81	17	0	0	0	98
126	20	20	0	0	0	39
127	65	79	0	0	0	144
128	26	37	0	32	0	95
129	238	62	0	0	0	300
130	13	11	0	0	0	24
131	4	3	0	0	0	7
132	8	4	0	4	0	16
133	4	0	0	4	0	8
134	0	0	0	0	0	0
135	1	1	0	0	0	2
136	1	3	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	12	0	0	12
140	8	11	0	0	0	19
141	3	7	0	0	0	10
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	8	0	0	0	0	8
145	1	1	0	0	0	2
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	6	0	0	0	0	6
150	0	0	0	0	0	0
151	32	10	0	0	0	42
152	11	4	0	0	0	15
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	10	2	0	0	0	12
157	8	3	0	0	0	11
158	1	2	0	0	0	3
159	7	0	0	0	0	7
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	13,119	6,583	4,947	1,952	95	26,696
External Trips	136	141	67	0	0	344
Total Trips	13,255	6,724	5,014	1,952	95	27,040

Note:- Numbers may not add to total due to rounding

Table C-11: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2025

AAZ	Auto Driver	Auto Passenger	Airport Transit	Airport Transit	Other	Total
1	0	0	43	0	0	43
2	142	52	116	13	0	322
3	1,385	822	1,345	148	6	3,707
4	600	485	697	97	64	1,944
5	225	97	37	15	0	374
6	197	52	134	82	16	481
7	72	25	0	0	0	97
8	42	17	13	0	0	72
9	117	43	35	0	0	195
10	109	4	62	9	0	184
11	54	35	48	0	0	137
12	67	17	74	7	0	165
13	142	83	44	10	0	279
14	72	26	71	20	0	190
15	131	52	156	15	0	353
16	301	135	81	18	0	535
17	53	53	0	0	0	105
18	154	89	171	0	0	414
19	0	0	0	142	0	142
20	63	0	0	0	0	63
21	0	0	0	0	0	0
22	665	401	482	462	0	2,010
23	198	68	31	0	0	297
24	73	29	29	7	0	138
25	219	105	208	94	0	627
26	364	202	345	106	0	1,017
27	182	105	50	0	0	337
28	400	221	122	72	0	815
29	111	63	12	0	0	186
30	196	87	49	0	0	332
31	456	209	143	143	0	950
32	50	26	11	0	0	87
33	226	34	34	53	0	347
34	166	155	37	11	0	369
35	454	114	0	0	0	568
36	532	68	44	104	0	747
37	351	126	0	0	0	477
38	130	68	0	0	0	198
39	122	86	0	0	0	208
40	31	10	0	0	0	41
41	223	85	28	17	0	354

AAZ	Auto Driver	Auto Passenger	Airport Transit	Airport Transit	Other	Total
42	13	4	0	3	0	20
43	91	33	20	7	0	151
44	25	17	14	12	0	68
45	72	28	14	6	0	120
46	164	70	63	52	0	348
47	147	100	15	0	0	262
48	35	10	5	6	0	56
49	54	80	0	7	0	141
50	80	174	18	0	0	272
51	26	34	12	12	0	85
52	63	85	32	25	6	211
53	72	69	6	20	0	167
54	240	119	11	11	0	382
55	97	95	6	8	0	206
56	88	31	0	0	0	119
57	86	106	0	0	0	192
58	66	34	0	10	0	109
59	76	18	0	0	0	94
60	45	26	2	0	0	73
61	22	21	2	6	0	51
62	40	27	0	15	0	82
63	12	18	0	0	0	30
64	79	83	11	15	0	189
65	73	18	7	13	0	111
66	33	29	0	7	0	69
67	67	30	19	16	0	133
68	10	3	2	0	0	16
69	61	63	22	0	0	147
70	84	85	30	0	0	199
71	10	5	1	0	0	16
72	0	0	0	0	0	0
73	8	4	1	0	0	12
74	19	24	7	0	0	51
75	22	27	10	5	0	64
76	28	0	0	7	0	35
77	13	0	0	0	0	13
78	49	20	10	0	0	79
79	46	46	0	0	0	91
80	3	4	12	7	0	26
81	905	0	0	0	0	905
82	162	24	0	0	0	186

Table C-11: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2025 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	203	90	0	0	0	293
84	79	55	0	0	0	134
85	78	68	0	31	0	177
86	59	13	0	0	0	72
87	35	19	0	0	0	54
88	6	1	0	0	0	7
89	44	52	0	0	0	96
90	2	4	0	12	0	19
91	7	4	0	0	0	12
92	14	9	3	5	0	32
93	61	30	7	17	0	115
94	23	6	0	3	0	32
95	20	4	0	0	0	23
96	0	0	0	0	0	0
97	38	2	0	3	0	44
98	5	7	0	0	0	12
99	0	0	0	0	0	0
100	0	0	0	0	0	0
101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	0	0	0	2	0	2
105	0	0	0	0	0	0
106	27	8	0	0	0	35
107	0	0	0	0	0	0
108	41	0	0	0	0	41
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	6	0	0	0	0	6
112	0	0	0	18	0	18
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	0	0	0	0	0	0
118	0	0	0	0	0	0
119	18	0	0	4	0	22
120	13	2	0	0	0	15
121	13	13	0	0	0	26
122	7	0	0	0	0	7
123	98	57	0	6	0	161

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	43	100	0	0	0	143
125	91	19	0	0	0	110
126	23	23	0	0	0	45
127	73	90	0	0	0	163
128	28	40	0	34	0	102
129	270	71	0	0	0	341
130	16	12	0	0	0	28
131	4	3	0	0	0	7
132	9	5	0	4	0	18
133	4	0	0	4	0	8
134	0	0	0	0	0	0
135	1	1	0	0	0	2
136	1	3	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	14	0	0	14
140	8	11	0	0	0	19
141	3	7	0	0	0	10
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	9	0	0	0	0	9
145	1	1	0	0	0	2
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	6	0	0	0	0	6
150	0	0	0	0	0	0
151	32	10	0	0	0	42
152	11	4	0	0	0	15
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	10	2	0	0	0	12
157	8	3	0	0	0	11
158	1	2	0	0	0	3
159	7	0	0	0	0	7
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	13,917	6,864	5,128	2,063	92	28,064
External Trips	142	148	70	0	0	361
Total Trips	14,059	7,012	5,199	2,063	92	28,425

Note:- Numbers may not add to total due to rounding

Table C-12: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2030

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	43	0	0	43
2	142	51	118	15	0	327
3	1,426	848	1,388	152	6	3,820
4	612	494	708	99	65	1,977
5	229	99	38	15	0	382
6	200	53	137	83	16	489
7	73	25	0	0	0	98
8	43	18	13	0	0	74
9	120	44	36	0	0	199
10	111	4	64	8	0	188
11	57	35	50	0	0	142
12	68	17	74	8	0	167
13	147	87	41	9	0	285
14	77	28	81	23	0	209
15	141	54	166	16	0	376
16	337	151	91	19	0	599
17	56	56	0	0	0	112
18	158	90	173	0	0	421
19	0	0	0	147	0	147
20	68	0	0	0	0	68
21	0	0	0	0	0	0
22	711	433	518	496	0	2,158
23	201	69	31	0	0	302
24	76	28	28	7	0	139
25	232	111	220	99	0	662
26	380	212	360	110	0	1,062
27	185	107	51	0	0	343
28	421	232	129	75	0	856
29	112	65	12	0	0	189
30	202	90	52	0	0	344
31	477	219	147	147	0	990
32	52	26	12	0	0	90
33	250	38	38	57	0	383
34	175	163	39	12	0	389
35	476	120	0	0	0	596
36	562	71	47	111	0	790
37	362	130	0	0	0	492
38	134	70	0	0	0	204
39	130	91	0	0	0	221
40	32	10	0	0	0	42
41	235	89	30	18	0	372

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	14	5	0	3	0	22
43	94	34	20	7	0	155
44	27	18	15	12	0	73
45	74	28	15	6	0	123
46	183	78	70	58	0	390
47	150	102	16	0	0	269
48	36	10	5	6	0	57
49	54	80	0	8	0	142
50	82	177	16	0	0	276
51	27	35	14	14	0	89
52	65	88	33	26	7	220
53	82	78	5	23	0	188
54	261	130	12	12	0	416
55	110	107	7	9	0	234
56	104	37	0	0	0	141
57	88	108	0	0	0	196
58	69	35	0	10	0	114
59	81	19	0	0	0	100
60	45	27	2	0	0	74
61	24	23	2	7	0	56
62	41	27	0	15	0	84
63	12	19	0	0	0	31
64	82	87	12	16	0	197
65	77	19	7	14	0	116
66	34	30	0	7	0	72
67	72	33	21	17	0	143
68	10	3	2	0	0	16
69	65	67	24	0	0	156
70	89	91	32	0	0	212
71	10	5	1	0	0	16
72	0	0	0	0	0	0
73	7	4	1	0	0	12
74	20	25	8	0	0	53
75	23	28	10	5	0	66
76	29	0	0	7	0	36
77	13	0	0	0	0	13
78	53	21	10	0	0	84
79	53	53	0	0	0	106
80	3	4	13	7	0	27
81	950	0	0	0	0	950
82	168	26	0	0	0	194

Table C-12: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2030 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	226	100	0	0	0	326
84	90	64	0	0	0	154
85	80	70	0	32	0	183
86	66	14	0	0	0	80
87	38	21	0	0	0	59
88	7	1	0	0	0	8
89	45	55	0	0	0	100
90	2	5	0	14	0	21
91	8	5	0	0	0	13
92	17	10	4	6	0	37
93	66	32	7	19	0	125
94	27	7	0	3	0	37
95	21	4	0	0	0	25
96	0	0	0	0	0	0
97	40	2	0	4	0	46
98	5	7	0	0	0	12
99	0	0	0	0	0	0
100	0	0	0	0	0	0
101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	0	0	0	2	0	2
105	0	0	0	0	0	0
106	27	8	0	0	0	35
107	0	0	0	0	0	0
108	44	0	0	0	0	44
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	6	0	0	0	0	6
112	0	0	0	19	0	19
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	0	0	0	0	0	0
118	0	0	0	0	0	0
119	19	0	0	4	0	23
120	13	2	0	0	0	15
121	13	13	0	0	0	26
122	7	0	0	0	0	7
123	106	62	0	6	0	174

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	46	107	0	0	0	153
125	99	21	0	0	0	120
126	25	25	0	0	0	50
127	82	100	0	0	0	182
128	31	44	0	37	0	112
129	306	82	0	0	0	388
130	17	14	0	0	0	31
131	4	3	0	0	0	7
132	10	6	0	5	0	21
133	4	0	0	4	0	8
134	0	0	0	0	0	0
135	1	1	0	0	0	2
136	1	3	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	15	0	0	15
140	8	11	0	0	0	19
141	3	7	0	0	0	10
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	9	0	0	0	0	9
145	1	1	0	0	0	2
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	6	0	0	0	0	6
150	0	0	0	0	0	0
151	33	11	0	0	0	44
152	11	4	0	0	0	15
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	10	2	0	0	0	12
157	8	3	0	0	0	11
158	1	2	0	0	0	3
159	8	0	0	0	0	8
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	14,654	7,220	5,335	2,172	94	29,475
External Trips	150	156	74	0	0	380
Total Trips	14,804	7,376	5,409	2,172	94	29,855

Note:- Numbers may not add to total due to rounding

Table C-13: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2035

AAZ	Auto Driver	Auto Passenger	Airport Transit	Transit	Other	Total
1	0	0	44	0	0	44
2	146	53	121	16	0	336
3	1,478	879	1,439	158	6	3,960
4	628	507	727	101	67	2,029
5	236	102	39	16	0	394
6	206	55	141	86	17	504
7	77	26	0	0	0	103
8	45	19	14	0	0	77
9	125	46	37	0	0	208
10	116	4	67	9	0	196
11	60	37	53	0	0	150
12	71	18	78	8	0	176
13	155	92	44	10	0	300
14	83	31	93	25	0	231
15	146	55	173	16	0	390
16	354	159	96	20	0	629
17	59	59	0	0	0	117
18	161	92	177	0	0	431
19	0	0	0	153	0	153
20	72	0	0	0	0	72
21	0	0	0	0	0	0
22	742	452	541	517	0	2,251
23	207	71	32	0	0	310
24	78	28	28	7	0	142
25	242	116	229	103	0	689
26	390	217	369	113	0	1,089
27	189	110	52	0	0	351
28	435	239	133	77	0	885
29	114	67	12	0	0	193
30	218	97	56	0	0	371
31	493	226	152	152	0	1,023
32	60	30	14	0	0	104
33	273	42	42	63	0	419
34	183	171	41	12	0	407
35	500	126	0	0	0	626
36	593	74	50	117	0	833
37	374	135	0	0	0	509
38	139	73	0	0	0	212
39	138	98	0	0	0	236
40	34	11	0	0	0	45
41	247	94	31	19	0	391

AAZ	Auto Driver	Auto Passenger	Airport Transit	Transit	Other	Total
42	16	5	0	4	0	25
43	97	35	21	7	0	161
44	30	20	17	14	0	80
45	76	29	15	6	0	127
46	200	85	77	64	0	426
47	155	106	17	0	0	278
48	38	11	5	7	0	61
49	58	85	0	9	0	152
50	84	181	17	0	0	282
51	29	37	14	14	0	94
52	68	92	34	28	7	229
53	89	84	6	25	0	204
54	276	137	13	13	0	439
55	122	119	8	10	0	260
56	116	41	0	0	0	157
57	90	110	0	0	0	200
58	72	37	0	10	0	119
59	84	19	0	0	0	103
60	46	27	2	0	0	76
61	28	27	2	8	0	64
62	42	28	0	16	0	86
63	12	19	0	0	0	31
64	86	90	13	16	0	205
65	81	20	7	15	0	123
66	36	32	0	8	0	75
67	75	34	22	18	0	149
68	12	4	3	0	0	18
69	69	71	25	0	0	165
70	98	101	35	0	0	235
71	10	5	1	0	0	16
72	0	0	0	0	0	0
73	7	4	1	0	0	12
74	22	28	9	0	0	59
75	24	29	10	6	0	69
76	30	0	0	7	0	37
77	14	0	0	0	0	14
78	55	22	10	0	0	87
79	62	62	0	0	0	123
80	3	5	13	8	0	29
81	1,006	0	0	0	0	1,006
82	177	27	0	0	0	204

Table C-13: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2035 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	248	110	0	0	0	358
84	102	72	0	0	0	174
85	84	73	0	34	0	191
86	72	15	0	0	0	87
87	41	22	0	0	0	63
88	7	1	0	0	0	8
89	47	57	0	0	0	104
90	3	5	0	14	0	22
91	8	5	0	0	0	13
92	18	11	4	7	0	40
93	71	35	8	20	0	133
94	30	8	0	3	0	41
95	23	4	0	0	0	27
96	0	0	0	0	0	0
97	44	2	0	4	0	50
98	5	8	0	0	0	13
99	0	0	0	0	0	0
100	0	0	0	0	0	0
101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	0	0	0	2	0	2
105	0	0	0	0	0	0
106	28	8	0	0	0	36
107	0	0	0	0	0	0
108	46	0	0	0	0	46
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	6	0	0	0	0	6
112	0	0	0	21	0	21
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	0	0	0	0	0	0
118	0	0	0	0	0	0
119	19	0	0	4	0	23
120	14	2	0	0	0	16
121	14	14	0	0	0	27
122	7	0	0	0	0	7
123	117	66	0	7	0	190

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	50	116	0	0	0	166
125	108	23	0	0	0	131
126	28	28	0	0	0	55
127	91	110	0	0	0	201
128	33	48	0	40	0	121
129	344	92	0	0	0	436
130	21	16	0	0	0	37
131	5	3	0	0	0	8
132	12	7	0	6	0	24
133	4	0	0	4	0	8
134	0	0	0	0	0	0
135	1	1	0	0	0	2
136	1	3	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	16	0	0	16
140	8	11	0	0	0	19
141	3	7	0	0	0	10
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	9	0	0	0	0	9
145	1	1	0	0	0	2
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	6	0	0	0	0	6
150	0	0	0	0	0	0
151	34	11	0	0	0	45
152	11	4	0	0	0	15
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	10	2	0	0	0	12
157	8	3	0	0	0	11
158	1	2	0	0	0	3
159	8	0	0	0	0	8
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	15,411	7,583	5,549	2,273	96	30,913
External Trips	157	163	78	0	0	398
Total Trips	15,568	7,746	5,627	2,273	96	31,311

Note:- Numbers may not add to total due to rounding

Table C-14: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2040

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	47	0	0	47
2	154	56	127	16	0	353
3	1,556	925	1,514	166	6	4,167
4	655	529	758	106	70	2,118
5	250	108	42	17	0	416
6	217	58	149	91	17	532
7	83	28	0	0	0	111
8	47	19	15	0	0	81
9	132	48	39	0	0	219
10	123	5	71	9	0	207
11	64	39	56	0	0	160
12	76	20	83	9	0	188
13	165	98	46	10	0	319
14	88	33	98	27	0	245
15	155	58	182	17	0	412
16	375	168	102	21	0	666
17	63	63	0	0	0	125
18	170	97	187	0	0	454
19	0	0	0	162	0	162
20	77	0	0	0	0	77
21	0	0	0	0	0	0
22	765	466	558	534	0	2,322
23	211	73	33	0	0	317
24	80	29	29	7	0	146
25	258	123	244	110	0	735
26	403	225	381	117	0	1,125
27	194	113	53	0	0	360
28	448	246	137	80	0	911
29	117	68	12	0	0	197
30	236	105	61	0	0	402
31	513	235	158	158	0	1,064
32	66	33	15	0	0	115
33	290	44	44	66	0	445
34	190	177	42	13	0	422
35	522	131	0	0	0	653
36	619	78	52	122	0	870
37	384	139	0	0	0	523
38	142	75	0	0	0	217
39	145	103	0	0	0	248
40	36	11	0	0	0	47
41	258	98	33	19	0	409

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	17	6	0	4	0	27
43	100	36	21	7	0	165
44	32	21	18	15	0	86
45	78	30	16	6	0	130
46	218	93	83	69	0	463
47	160	109	18	0	0	287
48	40	11	5	7	0	64
49	60	89	0	9	0	158
50	87	187	17	0	0	292
51	29	38	15	15	0	96
52	70	95	36	28	7	237
53	96	91	6	27	0	220
54	292	145	14	14	0	465
55	132	129	9	11	0	280
56	122	43	0	0	0	165
57	93	113	0	0	0	206
58	72	37	0	11	0	120
59	85	20	0	0	0	105
60	47	28	2	0	0	77
61	30	29	2	8	0	69
62	43	29	0	16	0	88
63	13	19	0	0	0	32
64	90	95	13	17	0	215
65	86	21	8	15	0	130
66	37	33	0	8	0	78
67	78	35	23	18	0	154
68	12	4	3	0	0	19
69	74	76	27	0	0	176
70	106	110	38	0	0	254
71	10	5	1	0	0	16
72	0	0	0	0	0	0
73	8	4	1	0	0	13
74	23	29	9	0	0	61
75	26	31	11	6	0	73
76	31	0	0	7	0	38
77	17	0	0	0	0	17
78	57	23	10	0	0	90
79	71	71	0	0	0	141
80	3	5	13	8	0	29
81	1,150	0	0	0	0	1,150
82	185	29	0	0	0	214

Table C-14: Average Weekday Air Passenger Trips by Mode and AAZ, DCA -2040 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	269	119	0	0	0	388
84	112	80	0	0	0	192
85	87	76	0	35	0	198
86	78	16	0	0	0	94
87	44	24	0	0	0	68
88	8	1	0	0	0	9
89	49	58	0	0	0	107
90	3	5	0	15	0	23
91	8	5	0	0	0	13
92	19	12	4	7	0	43
93	74	36	8	21	0	140
94	32	8	0	4	0	44
95	25	4	0	0	0	29
96	0	0	0	0	0	0
97	46	3	0	4	0	53
98	5	8	0	0	0	13
99	0	0	0	0	0	0
100	0	0	0	0	0	0
101	0	0	0	0	0	0
102	0	0	0	0	0	0
103	0	0	0	0	0	0
104	0	0	0	2	0	2
105	0	0	0	0	0	0
106	28	9	0	0	0	37
107	0	0	0	0	0	0
108	47	0	0	0	0	47
109	0	0	0	0	0	0
110	0	0	0	0	0	0
111	6	0	0	0	0	6
112	0	0	0	21	0	21
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	0	0	0	0	0	0
118	0	0	0	0	0	0
119	19	0	0	5	0	24
120	15	2	0	0	0	17
121	14	14	0	0	0	28
122	8	0	0	0	0	8
123	127	71	0	8	0	206

Note:- Numbers may not add to total due to rounding

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	54	127	0	0	0	181
125	117	25	0	0	0	142
126	31	31	0	0	0	62
127	100	122	0	0	0	222
128	36	52	0	44	0	131
129	383	103	0	0	0	486
130	24	19	0	0	0	43
131	6	3	0	0	0	9
132	13	7	0	6	0	27
133	4	0	0	4	0	8
134	0	0	0	0	0	0
135	1	1	0	0	0	2
136	1	3	0	0	0	4
137	0	0	0	0	0	0
138	0	0	0	0	0	0
139	0	0	17	0	0	17
140	9	11	0	0	0	20
141	4	7	0	0	0	11
142	0	0	0	0	0	0
143	0	0	0	0	0	0
144	9	0	0	0	0	9
145	1	1	0	0	0	2
146	0	0	0	0	0	0
147	0	0	0	0	0	0
148	0	0	0	0	0	0
149	6	0	0	0	0	6
150	0	0	0	0	0	0
151	35	11	0	0	0	46
152	12	4	0	0	0	16
153	0	0	0	0	0	0
154	0	0	0	0	0	0
155	0	0	0	0	0	0
156	10	3	0	0	0	13
157	8	4	0	0	0	12
158	1	3	0	0	0	4
159	8	0	0	0	0	8
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	16,302	7,978	5,817	2,380	101	32,578
External Trips	165	172	82	0	0	419
Total Trips	16,467	8,150	5,899	2,380	101	32,997

Table C-15: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2011

AAZ	Auto Driver	Auto Passenger	Airport Transit	Transit	Other	Total
1	0	0	0	0	0	0
2	51	33	10	5	0	99
3	454	169	51	453	5	1,132
4	399	126	29	326	5	884
5	67	16	8	75	47	213
6	88	48	8	41	0	185
7	182	23	5	2	0	212
8	54	13	0	0	0	67
9	81	39	6	0	0	126
10	86	19	7	12	0	124
11	12	6	17	6	0	41
12	67	23	4	27	0	121
13	69	11	8	10	0	98
14	20	4	0	27	0	51
15	0	0	37	0	0	37
16	39	7	43	25	0	115
17	8	4	0	8	0	21
18	63	22	83	6	0	174
19	15	3	4	0	0	22
20	9	17	0	0	0	26
21	4	0	0	0	0	4
22	111	37	0	44	0	192
23	20	6	0	5	0	31
24	40	19	3	0	0	62
25	72	68	30	26	0	196
26	185	51	6	25	0	267
27	169	70	0	0	0	239
28	237	132	7	17	0	393
29	7	2	0	6	0	14
30	56	44	0	0	0	100
31	166	49	13	0	0	228
32	1	1	0	0	0	2
33	65	68	0	0	0	133
34	206	94	0	22	0	322
35	55	45	0	0	0	100
36	138	85	0	9	0	232
37	274	132	0	2	0	408
38	273	121	0	19	12	425
39	85	10	0	5	0	100
40	266	190	0	25	0	481
41	351	170	0	15	0	536

AAZ	Auto Driver	Auto Passenger	Airport Transit	Transit	Other	Total
42	102	55	0	2	4	163
43	772	423	11	55	4	1,265
44	682	353	0	232	0	1,267
45	364	209	0	23	0	596
46	271	88	0	54	0	413
47	183	104	0	14	5	306
48	54	9	6	0	0	69
49	44	40	0	11	0	94
50	88	27	0	10	10	135
51	23	10	0	17	0	50
52	42	33	2	27	0	104
53	94	52	0	43	0	189
54	83	20	0	13	21	137
55	129	51	0	8	0	188
56	48	4	0	7	0	59
57	98	66	0	17	7	188
58	165	111	0	10	0	286
59	24	20	0	0	0	44
60	39	39	0	0	0	78
61	8	2	0	14	0	24
62	28	15	0	5	0	48
63	22	24	0	0	0	46
64	77	22	0	24	0	123
65	26	27	0	4	0	57
66	59	47	0	2	0	108
67	22	38	0	0	0	60
68	9	3	2	4	0	17
69	37	30	0	6	0	73
70	1	1	0	0	0	2
71	26	79	0	0	0	105
72	0	0	0	0	0	0
73	28	10	0	2	0	40
74	18	0	0	0	0	18
75	19	10	0	2	0	31
76	10	0	0	0	0	10
77	0	0	0	0	0	0
78	3	0	0	0	0	3
79	2	2	0	0	0	4
80	0	0	0	0	0	0
81	39	33	0	50	0	121
82	33	28	0	2	0	63

Table C-15: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2011 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	24	20	0	8	0	52
84	105	78	0	0	0	183
85	136	110	0	0	0	246
86	148	122	0	0	0	270
87	103	37	0	13	0	153
88	220	152	0	0	14	386
89	173	104	0	0	0	277
90	14	6	0	54	7	81
91	183	48	0	0	0	231
92	348	136	6	256	0	745
93	562	423	0	82	0	1,067
94	280	164	0	5	0	449
95	27	0	0	0	0	27
96	78	36	0	0	0	114
97	27	12	0	0	0	39
98	28	13	0	0	0	41
99	22	0	0	0	0	22
100	8	8	0	6	0	23
101	4	0	0	0	0	4
102	6	6	0	0	0	11
103	3	3	0	0	0	5
104	19	0	0	0	0	19
105	6	0	0	0	0	6
106	36	11	0	3	0	50
107	6	2	0	0	0	8
108	14	0	0	0	0	14
109	4	14	0	0	0	18
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	6	0	0	0	0	6
113	0	0	0	0	0	0
114	0	0	0	0	0	0
115	3	3	0	4	0	10
116	0	0	0	9	0	9
117	12	19	0	7	0	38
118	45	11	0	19	0	75
119	23	15	0	0	0	38
120	21	10	0	0	0	31
121	0	0	0	0	0	0
122	15	43	0	0	0	58
123	56	10	0	0	0	66

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	8	0	0	0	0	8
125	17	37	0	0	0	54
126	0	0	0	0	0	0
127	24	8	0	0	0	32
128	31	24	0	0	0	55
129	109	46	0	0	0	155
130	150	73	0	0	0	223
131	3	3	0	0	0	6
132	65	67	0	29	0	162
133	16	21	0	0	0	37
134	0	0	0	6	0	6
135	0	0	0	0	0	0
136	0	0	0	0	0	0
137	0	0	0	16	0	16
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	7	6	0	0	0	13
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	6	6	0	0	0	12
150	2	2	0	0	0	4
151	0	0	0	0	0	0
152	1	0	0	0	0	1
153	24	21	0	0	0	45
154	0	0	0	0	0	0
155	1	0	0	0	0	1
156	0	0	0	0	0	0
157	2	0	0	0	0	2
158	0	0	0	0	0	0
159	1	3	0	0	0	4
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	11,550	5,992	406	2,416	141	20,505
External Trips	483	413	0	128	0	1,025
Total Trips	12,034	6,405	406	2,544	141	21,530

Note:- Numbers may not add to total due to rounding

Table C-16: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2015

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	0	0	0	0
2	41	15	46	2	0	103
3	415	247	560	23	2	1,248
4	262	212	425	18	28	945
5	120	53	28	3	0	204
6	72	19	68	13	6	177
7	156	54	0	0	0	210
8	37	15	16	0	0	68
9	73	27	30	0	0	131
10	72	3	57	2	0	134
11	17	11	21	0	0	49
12	49	12	73	2	0	137
13	50	29	22	2	0	103
14	21	4	0	11	0	36
15	0	0	47	0	0	47
16	68	31	26	2	0	127
17	10	10	0	0	0	20
18	61	35	93	0	0	189
19	0	0	0	10	0	10
20	29	0	0	0	0	29
21	2	1	1	0	0	4
22	68	41	69	20	0	197
23	19	7	4	0	0	30
24	30	11	16	2	0	59
25	74	35	97	14	0	220
26	96	53	126	12	0	287
27	120	70	47	0	0	237
28	200	110	86	15	0	412
29	9	5	1	0	0	15
30	59	26	22	0	0	107
31	110	51	48	14	0	223
32	2	1	1	0	0	3
33	89	13	20	9	0	131
34	139	129	43	4	0	315
35	78	20	0	0	0	98
36	163	21	20	13	0	217
37	284	102	0	0	0	385
38	263	139	0	0	0	402
39	65	45	0	0	0	110
40	349	112	0	0	0	461
41	332	126	59	10	0	527

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	118	38	0	12	0	168
43	726	262	218	22	0	1,228
44	474	316	375	93	0	1,258
45	337	129	94	11	0	572
46	202	86	107	27	0	422
47	161	110	24	0	0	295
48	40	11	7	3	0	62
49	34	50	0	2	0	86
50	40	87	11	0	0	138
51	15	21	10	3	0	49
52	31	42	22	5	3	104
53	83	80	7	10	0	180
54	87	43	6	2	0	137
55	89	87	8	3	0	187
56	44	15	0	0	0	59
57	81	100	0	0	0	181
58	164	85	0	10	0	259
59	35	8	0	0	0	43
60	45	26	3	0	0	74
61	10	10	1	1	0	22
62	23	15	0	4	0	41
63	17	26	0	0	0	43
64	49	52	10	4	0	114
65	36	9	5	3	0	52
66	48	43	0	4	0	95
67	36	16	15	4	0	70
68	10	3	3	0	0	17
69	30	31	15	0	0	76
70	2	2	1	0	0	4
71	62	31	11	0	0	104
72	0	0	0	0	0	0
73	27	12	4	0	0	43
74	7	9	4	0	0	19
75	10	13	6	1	0	30
76	7	0	0	1	0	8
77	0	0	0	0	0	0
78	2	1	1	0	0	3
79	2	2	0	0	0	4
80	0	0	0	0	0	0
81	135	0	0	0	0	135
82	55	8	0	0	0	63

Table C-16: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2015 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	39	17	0	0	0	56
84	125	87	0	0	0	212
85	104	91	0	18	0	213
86	252	53	0	0	0	305
87	103	55	0	0	0	158
88	361	64	0	0	0	425
89	170	204	0	0	0	374
90	10	19	0	23	0	51
91	137	78	0	0	4	219
92	358	222	111	57	0	748
93	587	288	93	70	0	1,038
94	333	86	0	16	0	435
95	23	3	0	0	0	26
96	55	2	0	13	20	90
97	33	2	0	1	0	36
98	15	25	0	0	0	40
99	23	0	0	0	0	23
100	8	8	0	3	0	19
101	1	2	0	1	0	3
102	3	7	0	0	0	10
103	2	1	0	1	0	4
104	0	0	0	8	0	8
105	7	0	0	0	0	7
106	36	11	0	1	0	48
107	8	2	0	0	0	10
108	14	0	0	0	0	14
109	18	0	0	0	0	18
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	5	0	0	0	0	5
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	4	0	4
117	37	0	0	0	0	37
118	42	11	0	8	0	61
119	22	14	0	0	0	36
120	27	4	0	0	0	31
121	0	0	0	0	0	0
122	58	0	0	0	0	58
123	59	11	0	0	0	70

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	3	6	0	0	0	9
125	49	10	0	0	0	59
126	0	0	0	0	0	0
127	16	19	0	0	0	35
128	15	22	0	8	0	44
129	135	36	0	0	0	171
130	132	105	0	0	0	237
131	4	2	0	0	0	6
132	82	46	0	17	0	146
133	15	20	0	0	0	35
134	0	0	0	3	0	3
135	0	0	0	0	0	0
136	0	0	0	0	0	0
137	0	0	0	6	0	6
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	7	6	0	0	0	13
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	6	6	0	0	0	12
150	2	2	0	0	0	4
151	0	0	0	0	0	0
152	1	0	0	0	0	1
153	23	20	0	0	0	43
154	0	0	0	0	0	0
155	1	0	0	0	0	1
156	0	0	0	0	0	0
157	2	0	0	0	0	2
158	0	0	0	0	0	0
159	1	3	0	0	0	4
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	11,044	5,443	3,344	683	62	20,576
External Trips	485	415	0	129	0	1,028
Total Trips	11,529	5,857	3,344	812	62	21,604

Note:- Numbers may not add to total due to rounding

Table C-17: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2020

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	0	0	0	0
2	43	16	52	1	0	113
3	501	297	705	18	2	1,523
4	279	225	471	15	31	1,020
5	128	55	31	3	0	217
6	76	20	75	11	6	188
7	170	55	0	0	0	225
8	41	17	18	0	0	76
9	78	29	34	0	0	141
10	76	3	64	2	0	145
11	18	12	23	0	0	53
12	51	13	81	2	0	147
13	56	33	24	1	0	114
14	23	5	0	10	0	38
15	0	0	57	0	0	57
16	81	36	31	1	0	150
17	12	12	0	0	0	23
18	65	38	105	0	0	208
19	0	0	0	9	0	9
20	31	0	0	0	0	31
21	2	1	1	0	0	4
22	94	57	100	22	0	274
23	22	7	5	0	0	33
24	36	11	16	1	0	64
25	88	42	120	13	0	262
26	108	60	149	10	0	327
27	131	75	53	0	0	259
28	221	122	98	13	0	454
29	10	6	1	0	0	16
30	66	29	25	0	0	120
31	125	57	57	13	0	252
32	2	1	1	0	0	3
33	102	15	23	8	0	147
34	155	145	50	4	0	354
35	87	22	0	0	0	109
36	185	23	22	12	0	243
37	307	111	0	0	0	418
38	284	149	0	0	0	433
39	74	53	0	0	0	127
40	391	124	0	0	0	515
41	371	141	68	9	0	590

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	144	47	0	11	0	202
43	784	284	246	19	0	1,333
44	588	393	487	91	0	1,560
45	363	139	106	10	0	619
46	249	106	139	27	0	521
47	176	119	28	0	0	323
48	44	13	8	3	0	67
49	36	53	0	2	0	90
50	44	97	11	0	0	153
51	16	22	12	3	0	52
52	35	47	26	5	4	117
53	102	98	10	9	0	220
54	100	50	7	2	0	158
55	103	101	9	3	0	216
56	55	20	0	0	0	75
57	88	107	0	0	0	195
58	178	92	0	9	0	279
59	39	9	0	0	0	48
60	48	28	4	0	0	79
61	12	12	1	1	0	27
62	25	16	0	3	0	44
63	19	28	0	0	0	47
64	54	57	11	3	0	125
65	38	9	5	2	0	54
66	52	46	0	4	0	101
67	43	20	18	3	0	84
68	12	4	4	0	0	19
69	32	33	17	0	0	81
70	2	2	1	0	0	4
71	66	33	13	0	0	111
72	0	0	0	0	0	0
73	28	14	4	0	0	46
74	7	10	4	0	0	21
75	12	15	8	1	0	36
76	8	0	0	1	0	9
77	0	0	0	0	0	0
78	2	1	0	0	0	3
79	3	3	0	0	0	6
80	0	0	0	0	0	0
81	204	0	0	0	0	204
82	59	9	0	0	0	68

Table C-17: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2020 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	47	21	0	0	0	68
84	158	111	0	0	0	269
85	113	99	0	15	0	227
86	309	65	0	0	0	374
87	120	65	0	0	0	185
88	429	75	0	0	0	504
89	240	289	0	0	0	529
90	13	24	0	23	0	61
91	145	83	0	0	4	233
92	463	288	150	59	0	960
93	692	339	114	66	0	1,211
94	387	100	0	15	0	503
95	25	4	0	0	0	29
96	62	2	0	12	22	98
97	38	2	0	1	0	41
98	18	28	0	0	0	46
99	26	0	0	0	0	26
100	10	10	0	2	0	22
101	1	2	0	0	0	3
102	4	8	0	0	0	12
103	2	1	0	1	0	4
104	0	0	0	6	0	6
105	8	0	0	0	0	8
106	40	12	0	1	0	53
107	9	2	0	0	0	11
108	15	0	0	0	0	15
109	21	0	0	0	0	21
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	6	0	0	0	0	6
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	4	0	4
117	40	0	0	0	0	40
118	46	12	0	7	0	65
119	23	15	0	0	0	38
120	28	4	0	0	0	32
121	0	0	0	0	0	0
122	66	0	0	0	0	66
123	70	13	0	0	0	83

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	3	7	0	0	0	10
125	58	12	0	0	0	70
126	0	0	0	0	0	0
127	19	23	0	0	0	42
128	17	25	0	7	0	49
129	166	44	0	0	0	210
130	162	130	0	0	0	292
131	5	3	0	0	0	8
132	97	54	0	16	0	167
133	17	21	0	0	0	38
134	0	0	0	2	0	2
135	0	0	0	0	0	0
136	0	0	0	0	0	0
137	0	0	0	5	0	5
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	7	6	0	0	0	13
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	6	6	0	0	0	12
150	2	2	0	0	0	4
151	0	0	0	0	0	0
152	1	0	0	0	0	1
153	25	21	0	0	0	46
154	0	0	0	0	0	0
155	2	0	0	0	0	2
156	0	0	0	0	0	0
157	3	0	0	0	0	3
158	0	0	0	0	0	0
159	2	3	0	0	0	5
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	12,720	6,281	4,005	634	69	23,709
External Trips	559	478	0	148	0	1,185
Total Trips	13,279	6,759	4,005	782	69	24,894

Note:- Numbers may not add to total due to rounding

Table C-18: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2025

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	0	0	0	0
2	48	17	54	2	0	122
3	571	339	767	28	2	1,709
4	311	251	499	23	33	1,117
5	143	62	33	4	0	242
6	85	22	80	16	7	210
7	184	64	0	0	0	248
8	46	19	19	0	0	84
9	90	33	38	0	0	160
10	84	3	67	3	0	158
11	20	13	25	0	0	58
12	58	14	88	3	0	163
13	68	40	29	2	0	140
14	28	6	0	17	0	51
15	0	0	64	0	0	64
16	92	41	34	3	0	171
17	13	13	0	0	0	25
18	76	44	116	0	0	235
19	0	0	0	18	0	18
20	35	0	0	0	0	35
21	2	1	2	0	0	5
22	110	67	111	35	0	323
23	24	8	5	0	0	37
24	35	14	20	2	0	70
25	112	54	146	22	0	334
26	123	68	161	16	0	368
27	147	84	56	0	0	288
28	258	142	108	21	0	530
29	10	6	1	0	0	17
30	77	34	27	0	0	137
31	148	68	64	21	0	301
32	2	1	1	0	0	3
33	123	19	26	13	0	181
34	181	169	55	6	0	411
35	102	25	0	0	0	127
36	218	28	25	20	0	290
37	348	125	0	0	0	473
38	323	169	0	0	0	492
39	88	62	0	0	0	150
40	456	145	0	0	0	601
41	429	163	75	15	0	682

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	176	57	0	19	0	252
43	887	321	264	30	0	1,502
44	726	485	571	153	0	1,936
45	410	157	114	15	0	695
46	321	137	170	47	0	675
47	201	136	29	0	0	366
48	49	14	9	4	0	75
49	40	59	0	3	0	102
50	49	106	15	0	0	170
51	19	25	12	4	0	61
52	40	55	28	8	4	135
53	121	115	13	15	0	264
54	121	60	8	3	0	192
55	126	124	11	5	0	266
56	77	27	0	0	0	104
57	98	120	0	0	0	218
58	205	106	0	14	0	324
59	46	11	0	0	0	57
60	52	31	4	0	0	87
61	15	15	2	2	0	33
62	27	18	0	5	0	51
63	21	32	0	0	0	53
64	61	64	12	5	0	143
65	43	10	5	4	0	62
66	59	53	0	6	0	118
67	50	22	20	6	0	97
68	12	4	4	0	0	19
69	36	37	18	0	0	90
70	2	2	1	0	0	4
71	73	36	13	0	0	123
72	0	0	0	0	0	0
73	33	17	4	0	0	54
74	9	11	5	0	0	24
75	14	16	8	1	0	40
76	9	0	0	1	0	10
77	0	0	0	0	0	0
78	3	1	1	0	0	4
79	3	3	0	0	0	6
80	0	0	0	0	0	0
81	320	0	0	0	0	320
82	70	10	0	0	0	80

Table C-18: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2025 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	58	26	0	0	0	84
84	201	141	0	0	0	342
85	128	112	0	24	0	263
86	379	80	0	0	0	459
87	145	77	0	0	0	222
88	524	91	0	0	0	615
89	317	381	0	0	0	698
90	16	30	0	40	0	86
91	162	93	0	0	5	260
92	599	373	184	104	0	1,261
93	825	405	129	107	0	1,466
94	494	127	0	25	0	646
95	30	5	0	0	0	35
96	75	2	0	20	27	124
97	44	2	0	2	0	48
98	21	34	0	0	0	55
99	32	0	0	0	0	32
100	11	11	0	4	0	26
101	1	2	0	1	0	4
102	4	8	0	0	0	12
103	2	1	0	2	0	4
104	0	0	0	10	0	10
105	9	0	0	0	0	9
106	47	14	0	2	0	63
107	11	2	0	0	0	13
108	17	0	0	0	0	17
109	24	0	0	0	0	24
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	7	0	0	0	0	7
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	6	0	6
117	45	0	0	0	0	45
118	52	13	0	11	0	76
119	26	17	0	0	0	43
120	34	4	0	0	0	38
121	0	0	0	0	0	0
122	75	0	0	0	0	75
123	85	15	0	0	0	100

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	4	8	0	0	0	12
125	72	16	0	0	0	88
126	0	0	0	0	0	0
127	24	29	0	0	0	53
128	20	29	0	11	0	61
129	210	55	0	0	0	265
130	205	164	0	0	0	369
131	5	3	0	0	0	8
132	119	66	0	27	0	212
133	19	24	0	0	0	43
134	0	0	0	3	0	3
135	0	0	0	0	0	0
136	0	0	0	0	0	0
137	0	0	0	8	0	8
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	8	7	0	0	0	15
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	7	7	0	0	0	14
150	3	3	0	0	0	6
151	0	0	0	0	0	0
152	2	0	0	0	0	2
153	28	25	0	0	0	53
154	0	0	0	0	0	0
155	2	0	0	0	0	2
156	0	0	0	0	0	0
157	3	0	0	0	0	3
158	0	0	0	0	0	0
159	2	3	0	0	0	5
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	15,120	7,440	4,448	1,045	78	28,131
External Trips	663	567	0	176	0	1,406
Total Trips	15,783	8,006	4,448	1,221	78	29,537

Note:- Numbers may not add to total due to rounding

Table C-19: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2030

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	0	0	0	0
2	54	19	59	3	0	135
3	640	381	833	36	3	1,893
4	343	277	532	30	37	1,219
5	160	69	36	6	0	270
6	94	25	86	21	8	232
7	205	70	0	0	0	275
8	51	21	21	0	0	93
9	100	36	40	0	0	176
10	93	4	72	4	0	172
11	23	14	27	0	0	65
12	63	16	93	4	0	176
13	75	45	28	3	0	151
14	31	6	0	22	0	59
15	0	0	70	0	0	70
16	111	50	40	3	0	204
17	16	16	0	0	0	32
18	84	48	123	0	0	255
19	0	0	0	24	0	24
20	43	0	0	0	0	43
21	2	2	2	0	0	5
22	127	77	124	47	0	376
23	27	9	6	0	0	42
24	41	15	20	2	0	78
25	128	61	163	29	0	382
26	140	78	177	22	0	416
27	162	94	60	0	0	316
28	295	162	120	28	0	605
29	11	7	2	0	0	19
30	86	38	30	0	0	155
31	169	77	70	28	0	344
32	2	1	1	0	0	3
33	148	23	30	18	0	219
34	206	193	62	7	0	468
35	116	29	0	0	0	145
36	250	31	28	26	0	335
37	389	140	0	0	0	529
38	361	190	0	0	0	551
39	103	73	0	0	0	176
40	520	167	0	0	0	687
41	491	187	83	20	0	781

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	208	67	0	26	0	302
43	992	359	285	39	0	1,676
44	866	578	657	212	0	2,314
45	458	175	122	20	0	776
46	390	166	200	66	0	822
47	224	152	33	0	0	409
48	53	15	9	5	0	83
49	44	65	0	3	0	113
50	55	118	15	0	0	188
51	21	27	14	6	0	69
52	46	62	31	10	5	154
53	151	143	13	23	0	331
54	145	72	9	4	0	230
55	160	156	14	7	0	337
56	103	36	0	0	0	139
57	108	132	0	0	0	240
58	230	119	0	18	0	367
59	53	12	0	0	0	65
60	59	35	4	0	0	97
61	18	18	2	3	0	40
62	30	20	0	6	0	57
63	23	35	0	0	0	58
64	69	73	14	7	0	163
65	47	11	6	5	0	68
66	67	59	0	7	0	133
67	58	26	23	7	0	113
68	13	4	4	0	0	21
69	41	42	20	0	0	102
70	3	3	1	0	0	6
71	80	41	14	0	0	135
72	0	0	0	0	0	0
73	36	19	4	0	0	59
74	10	12	5	0	0	27
75	15	18	9	2	0	45
76	10	0	0	1	0	11
77	0	0	0	0	0	0
78	3	1	1	0	0	4
79	4	4	0	0	0	8
80	0	0	0	0	0	0
81	366	0	0	0	0	366
82	79	12	0	0	0	91

Table C-19: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2030 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	71	32	0	0	0	103
84	247	175	0	0	0	422
85	144	125	0	31	0	300
86	454	96	0	0	0	550
87	171	91	0	0	0	262
88	625	110	0	0	0	735
89	359	431	0	0	0	790
90	19	37	0	57	0	113
91	181	104	0	0	6	290
92	727	452	217	147	0	1,543
93	948	465	143	143	0	1,700
94	614	159	0	37	0	810
95	36	6	0	0	0	42
96	92	3	0	28	33	156
97	50	3	0	2	0	55
98	24	38	0	0	0	62
99	37	0	0	0	0	37
100	12	12	0	5	0	29
101	1	2	0	1	0	4
102	4	10	0	0	0	14
103	3	1	0	2	0	6
104	0	0	0	12	0	12
105	11	0	0	0	0	11
106	52	15	0	3	0	70
107	14	3	0	0	0	17
108	20	0	0	0	0	20
109	29	0	0	0	0	29
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	8	0	0	0	0	8
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	9	0	9
117	51	0	0	0	0	51
118	58	15	0	14	0	87
119	29	19	0	0	0	48
120	36	5	0	0	0	41
121	0	0	0	0	0	0
122	86	0	0	0	0	86
123	100	19	0	0	0	119

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	4	11	0	0	0	15
125	85	18	0	0	0	103
126	0	0	0	0	0	0
127	29	36	0	0	0	65
128	24	35	0	16	0	74
129	260	70	0	0	0	330
130	259	207	0	0	0	466
131	6	4	0	0	0	10
132	143	80	0	38	0	261
133	20	27	0	0	0	47
134	0	0	0	4	0	4
135	0	0	0	0	0	0
136	0	0	0	0	0	0
137	0	0	0	11	0	11
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	8	8	0	0	0	16
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	8	8	0	0	0	16
150	3	3	0	0	0	6
151	0	0	0	0	0	0
152	2	0	0	0	0	2
153	32	27	0	0	0	59
154	0	0	0	0	0	0
155	2	0	0	0	0	2
156	0	0	0	0	0	0
157	3	0	0	0	0	3
158	0	0	0	0	0	0
159	2	4	0	0	0	6
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Internal	17,503	8,608	4,903	1,419	90	32,523
External Trips	767	656	0	203	0	1,626
Total Trips	18,270	9,264	4,903	1,623	90	34,149

Note:- Numbers may not add to total due to rounding

Table C-20: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2035

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	0	0	0	0
2	60	22	50	6	0	138
3	728	433	708	78	3	1,950
4	387	313	448	63	41	1,252
5	179	78	30	12	0	299
6	106	28	72	44	9	259
7	236	81	0	0	0	317
8	59	25	18	0	0	102
9	114	42	34	0	0	190
10	107	4	62	8	0	181
11	27	17	23	0	0	67
12	73	19	80	8	0	180
13	87	52	25	5	0	169
14	36	7	0	47	0	90
15	0	0	58	0	0	58
16	128	57	35	7	0	227
17	18	18	0	0	0	36
18	94	54	103	0	0	250
19	0	0	0	51	0	51
20	50	0	0	0	0	50
21	3	2	1	0	0	6
22	146	89	107	102	0	444
23	29	10	5	0	0	44
24	46	17	17	4	0	84
25	147	70	139	62	0	418
26	157	88	149	46	0	440
27	183	106	50	0	0	339
28	334	184	102	59	0	680
29	13	8	1	0	0	22
30	102	45	26	0	0	173
31	192	88	59	59	0	399
32	2	1	0	0	0	3
33	178	27	27	41	0	273
34	238	223	53	16	0	530
35	133	34	0	0	0	167
36	290	36	24	57	0	408
37	441	159	0	0	0	600
38	408	214	0	0	0	622
39	123	86	0	0	0	209
40	598	191	0	0	0	789
41	567	216	72	43	0	897

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	247	80	0	59	0	385
43	1,124	407	242	83	0	1,856
44	1,029	688	583	473	0	2,773
45	520	199	104	42	0	865
46	468	199	179	149	0	996
47	254	173	28	0	0	455
48	63	18	8	11	0	101
49	52	76	0	8	0	135
50	61	132	12	0	0	205
51	24	31	12	12	0	80
52	52	71	26	21	5	176
53	181	172	12	51	0	416
54	168	83	8	8	0	267
55	196	191	13	17	0	416
56	128	45	0	0	0	173
57	121	148	0	0	0	269
58	264	136	0	39	0	439
59	60	14	0	0	0	74
60	66	39	3	0	0	108
61	23	22	2	6	0	53
62	34	23	0	13	0	70
63	26	40	0	0	0	66
64	79	84	12	15	0	190
65	55	13	5	10	0	83
66	75	66	0	16	0	157
67	66	30	19	15	0	130
68	16	5	4	0	0	25
69	45	46	16	0	0	108
70	3	3	1	0	0	6
71	91	46	12	0	0	149
72	0	0	0	0	0	0
73	42	23	3	0	0	68
74	12	15	5	0	0	32
75	18	21	8	4	0	51
76	11	0	0	3	0	14
77	0	0	0	0	0	0
78	3	1	1	0	0	5
79	5	5	0	0	0	10
80	0	0	0	0	0	0
81	424	0	0	0	0	424
82	90	14	0	0	0	104

Table C-20: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2035 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	86	38	0	0	0	124
84	302	214	0	0	0	516
85	163	143	0	66	0	372
86	542	114	0	0	0	656
87	203	108	0	0	0	311
88	749	132	0	0	0	881
89	410	491	0	0	0	901
90	22	43	0	123	0	189
91	206	118	0	0	6	330
92	872	543	194	329	0	1,938
93	1,091	535	123	309	0	2,059
94	743	192	0	84	0	1,019
95	42	7	0	0	0	49
96	110	4	0	63	39	216
97	59	3	0	5	0	68
98	27	44	0	0	0	71
99	41	0	0	0	0	41
100	13	13	0	10	0	36
101	1	3	0	2	0	6
102	5	11	0	0	0	16
103	3	1	0	6	0	10
104	0	0	0	26	0	26
105	13	0	0	0	0	13
106	58	17	0	5	0	80
107	16	3	0	0	0	19
108	23	0	0	0	0	23
109	33	0	0	0	0	33
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	10	0	0	0	0	10
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	19	0	19
117	59	0	0	0	0	59
118	67	17	0	30	0	114
119	34	22	0	0	0	56
120	41	5	0	0	0	46
121	0	0	0	0	0	0
122	99	0	0	0	0	99
123	119	23	0	0	0	142

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	5	12	0	0	0	17
125	101	22	0	0	0	123
126	0	0	0	0	0	0
127	35	43	0	0	0	78
128	28	41	0	34	0	103
129	320	85	0	0	0	405
130	331	265	0	0	0	596
131	8	4	0	0	0	12
132	176	99	0	87	0	362
133	23	30	0	0	0	53
134	0	0	0	8	0	8
135	0	0	0	0	0	0
136	0	0	0	0	0	0
137	0	0	0	22	0	22
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	10	8	0	0	0	18
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	9	9	0	0	0	18
150	3	3	0	0	0	6
151	0	0	0	0	0	0
152	2	0	0	0	0	2
153	35	31	0	0	0	66
154	0	0	0	0	0	0
155	2	0	0	0	0	2
156	0	0	0	0	0	0
157	4	0	0	0	0	4
158	0	0	0	0	0	0
159	2	5	0	0	0	7
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Inter	20,373	10,002	4,215	3,103	103	37,797
External Trips	767	656	0	203	0	1,626
Total Trips	21,140	10,658	4,215	3,307	103	39,423

Note:- Numbers may not add to total due to rounding

Table C-21: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2040

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
1	0	0	0	0	0	0
2	69	25	57	7	0	158
3	836	497	813	89	3	2,239
4	442	357	512	71	47	1,429
5	208	90	35	14	0	347
6	122	33	83	51	10	299
7	275	95	0	0	0	370
8	69	29	21	0	0	119
9	132	48	39	0	0	220
10	125	5	72	9	0	211
11	31	19	27	0	0	77
12	85	22	93	10	0	210
13	103	61	29	6	0	199
14	42	9	0	55	0	106
15	0	0	67	0	0	67
16	148	66	40	8	0	263
17	21	21	0	0	0	42
18	108	62	119	0	0	289
19	0	0	0	58	0	58
20	60	0	0	0	0	60
21	3	2	2	0	0	7
22	166	101	121	116	0	505
23	33	11	5	0	0	50
24	52	19	19	5	0	94
25	172	82	162	73	0	489
26	176	98	167	51	0	492
27	205	118	56	0	0	379
28	376	207	115	67	0	765
29	14	8	1	0	0	24
30	121	54	31	0	0	206
31	216	99	67	67	0	449
32	2	1	0	0	0	3
33	207	32	32	47	0	317
34	271	253	60	18	0	602
35	151	38	0	0	0	189
36	329	41	28	65	0	463
37	494	179	0	0	0	673
38	459	241	0	0	0	700
39	140	99	0	0	0	239
40	682	218	0	0	0	900
41	646	246	82	49	0	1,023

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
42	286	93	0	68	0	447
43	1,260	457	271	93	0	2,081
44	1,196	799	678	550	0	3,223
45	582	223	116	47	0	969
46	552	235	211	176	0	1,175
47	286	195	31	0	0	512
48	72	20	9	13	0	114
49	59	86	0	9	0	153
50	70	150	14	0	0	234
51	28	36	14	14	0	91
52	59	80	30	24	6	198
53	215	204	14	60	0	494
54	195	97	9	9	0	311
55	229	223	15	19	0	486
56	149	53	0	0	0	202
57	136	166	0	0	0	302
58	295	153	0	43	0	491
59	67	15	0	0	0	82
60	74	44	4	0	0	121
61	27	26	2	7	0	63
62	38	26	0	14	0	78
63	29	45	0	0	0	74
64	90	95	13	17	0	215
65	64	15	6	11	0	96
66	85	75	0	18	0	178
67	74	33	22	17	0	147
68	19	6	4	0	0	29
69	52	54	19	0	0	125
70	3	3	1	0	0	8
71	102	52	13	0	0	167
72	0	0	0	0	0	0
73	46	25	4	0	0	74
74	14	18	5	0	0	37
75	21	25	9	5	0	59
76	13	0	0	3	0	16
77	0	0	0	0	0	0
78	3	1	1	0	0	5
79	6	6	0	0	0	12
80	0	0	0	0	0	0
81	530	0	0	0	0	530
82	103	16	0	0	0	119

Table C-21: Average Weekday Air Passenger Trips by Mode and AAZ, IAD -2040 (continued)

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
83	103	45	0	0	0	148
84	360	254	0	0	0	614
85	185	162	0	74	0	421
86	636	134	0	0	0	770
87	237	127	0	0	0	364
88	884	156	0	0	0	1,040
89	462	554	0	0	0	1,016
90	26	50	0	142	0	217
91	229	131	0	0	7	368
92	1,034	644	230	391	0	2,299
93	1,244	610	141	352	0	2,347
94	872	225	0	99	0	1,196
95	50	8	0	0	0	58
96	129	5	0	75	46	254
97	68	4	0	6	0	78
98	32	51	0	0	0	83
99	46	0	0	0	0	46
100	15	15	0	11	0	41
101	1	3	0	2	0	6
102	5	13	0	0	0	18
103	3	1	0	6	0	10
104	0	0	0	29	0	29
105	14	0	0	0	0	14
106	65	20	0	6	0	91
107	19	4	0	0	0	23
108	25	0	0	0	0	25
109	37	0	0	0	0	37
110	0	0	0	0	0	0
111	0	0	0	0	0	0
112	11	0	0	0	0	11
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	21	0	21
117	66	0	0	0	0	66
118	74	19	0	33	0	126
119	37	24	0	0	0	61
120	47	6	0	0	0	53
121	0	0	0	0	0	0
122	113	0	0	0	0	113
123	142	26	0	0	0	168

AAZ	Auto Driver	Auto Passenger	Transit	Airport Transit	Other	Total
124	6	15	0	0	0	21
125	120	26	0	0	0	146
126	0	0	0	0	0	0
127	43	52	0	0	0	95
128	33	48	0	40	0	121
129	389	104	0	0	0	493
130	422	337	0	0	0	759
131	9	5	0	0	0	14
132	214	120	0	105	0	439
133	26	33	0	0	0	59
134	0	0	0	9	0	9
135	0	0	0	0	0	0
136	0	0	0	0	0	0
137	0	0	0	25	0	25
138	0	0	0	0	0	0
139	0	0	0	0	0	0
140	0	0	0	0	0	0
141	11	10	0	0	0	21
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	10	10	0	0	0	20
150	4	4	0	0	0	8
151	0	0	0	0	0	0
152	2	0	0	0	0	2
153	40	34	0	0	0	74
154	0	0	0	0	0	0
155	2	0	0	0	0	2
156	0	0	0	0	0	0
157	4	0	0	0	0	4
158	0	0	0	0	0	0
159	3	5	0	0	0	8
160	0	0	0	0	0	0
161	0	0	0	0	0	0
Sub-Total Inter	23,530	11,527	4,843	3,582	119	43,602
External Trip	767	656	0	203	0	1,626
Total Trips	24,297	12,183	4,843	3,785	119	45,228

Note:- Numbers may not add to total due to rounding

Appendix D
Ground Access Forecast Update
Average Weekday Trips by Jurisdiction
By Airport

Table D-1: Average Weekday Air Passenger Enplanement Forecast by Jurisdiction

Jurisdiction	BWI Airport						
	2011	2015	2020	2025	2030	2035	2040
District of Columbia	1,858	1,820	2,124	2,402	2,748	3,157	3,663
Montgomery County	2,455	2,359	2,725	3,158	3,689	4,278	4,918
Prince George's County	1,473	1,464	1,724	2,026	2,385	2,831	3,368
Arlington County	436	445	541	624	715	813	923
City of Alexandria	212	208	241	279	320	380	444
Fairfax County	884	855	1,007	1,175	1,359	1,580	1,812
Loudoun County	140	146	186	230	274	322	375
Prince William County	99	106	133	160	194	236	283
Frederick County	644	614	716	849	1,003	1,185	1,400
Howard County	1,666	1,681	1,975	2,295	2,642	3,028	3,428
Anne Arundel County	3,893	3,799	4,370	5,071	5,824	6,772	7,629
Charles County	239	246	294	347	410	486	574
Carroll County	295	292	338	390	452	524	609
Calvert County	147	147	171	196	223	258	297
St. Mary's County	237	247	297	354	420	501	596
King George County	15	15	20	24	31	38	47
City of Fredericksburg	56	57	70	83	101	121	144
Stafford County	20	23	27	34	42	52	64
Spotsylvania County	6	6	8	10	12	14	18
Fauquier County	4	5	6	7	10	12	16
Clarke County	0	0	0	0	0	0	0
Jefferson County	46	48	60	74	91	114	142
Baltimore City	3,335	3,198	3,600	4,014	4,501	5,063	5,707
Baltimore County	2,350	2,236	2,523	2,815	3,165	3,580	4,050
Harford County	673	657	766	886	1,030	1,190	1,377
Total	21,183	20,674	23,922	27,503	31,641	36,535	41,884

Table D-2: Average Weekday Air Passenger Enplanement Forecast by Jurisdiction

Jurisdiction	DCA Airport						
	2011	2015	2020	2025	2030	2035	2040
District of Columbia	8,919	9,359	9,599	9,802	10,123	10,500	11,059
Montgomery County	2,449	2,595	2,659	2,788	2,962	3,127	3,270
Prince George's County	1,197	1,326	1,541	1,836	1,938	2,069	2,285
Arlington County	4,285	4,716	5,182	5,427	5,711	5,910	6,113
City of Alexandria	1,480	1,580	1,619	1,716	1,807	1,917	2,026
Fairfax County	3,495	3,655	3,751	3,931	4,139	4,356	4,547
Loudoun County	199	236	273	306	333	353	370
Prince William County	550	623	674	737	810	881	949
Frederick County	60	60	62	67	72	77	82
Howard County	41	44	46	48	49	50	52
Anne Arundel County	118	125	124	128	133	139	143
Charles County	189	214	231	253	273	297	323
Carroll County	12	12	12	12	12	13	13
Calvert County	6	6	7	7	7	7	8
St. Mary's County	124	140	150	161	174	190	206
King George County	31	36	39	45	50	55	62
City of Fredericksburg	82	90	95	102	112	121	131
Stafford County	227	269	300	341	388	436	486
Spotsylvania County	111	131	144	163	182	201	222
Fauquier County	19	21	24	28	31	37	43
Clarke County	6	6	7	7	7	8	9
Jefferson County	13	15	16	18	21	24	27
Baltimore City	62	64	65	68	69	70	73
Baltimore County	87	88	89	89	91	92	97
Harford County	7	7	7	7	8	8	8
Total	23,769	25,418	26,716	28,087	29,502	30,938	32,604

Table D-3: Average Weekday Air Passenger Enplanement Forecast by Jurisdiction

Jurisdiction	IAD Airport						
	2011	2015	2020	2025	2030	2035	2040
District of Columbia	3,748	3,664	4,067	4,620	5,161	5,868	6,757
Montgomery County	2,104	2,060	2,310	2,686	3,122	3,633	4,153
Prince George's County	470	479	577	743	840	969	1,151
Arlington County	1,398	1,423	1,640	1,919	2,182	2,477	2,804
City of Alexandria	463	469	531	629	727	847	976
Fairfax County	6,614	6,458	7,351	8,648	9,962	11,554	13,195
Loudoun County	2,850	3,036	3,736	4,656	5,490	6,437	7,442
Prince William County	1,290	1,393	1,657	2,013	2,399	2,860	3,356
Frederick County	180	172	194	232	280	333	390
Howard County	148	149	166	192	219	246	277
Anne Arundel County	239	232	252	287	325	376	418
Charles County	62	67	80	99	118	140	167
Carroll County	41	40	46	54	62	71	82
Calvert County	58	58	66	75	86	99	113
St. Mary's County	66	70	83	100	119	142	168
King George County	0	0	0	0	0	0	0
City of Fredericksburg	55	55	63	74	88	103	121
Stafford County	155	171	210	265	330	405	493
Spotsylvania County	32	35	42	53	65	78	94
Fauquier County	223	237	292	369	466	596	759
Clarke County	6	6	7	8	10	11	13
Jefferson County	162	169	199	244	294	361	439
Baltimore City	72	69	73	83	90	101	114
Baltimore County	65	61	68	78	85	96	108
Harford County	4	4	5	5	6	7	8
Total	20,505	20,577	23,715	28,132	32,526	37,810	43,598

Appendix E
Ground Access Forecast Update
Household and Employment Forecasts
by Jurisdiction

Table E-1: Washington / Baltimore Air System Planning Region Household Forecast by Jurisdiction

Jurisdiction	Households						
	2010	2015	2020	2025	2030	2035	2040
District of Columbia	266,707	287,617	298,115	309,979	318,252	326,410	339,889
Montgomery County	361,030	376,536	397,237	415,795	436,202	451,446	461,469
Prince George's County	304,042	323,364	336,404	348,604	359,878	370,144	379,317
Arlington County	98,050	105,611	111,190	114,797	116,788	117,795	119,761
City of Alexandria	68,131	71,520	76,426	80,624	83,831	88,491	92,155
Fairfax County	399,514	417,325	440,826	462,164	478,759	492,706	500,832
Loudoun County	104,583	117,839	132,843	146,497	154,159	159,291	162,971
Prince William County	147,819	166,083	183,321	197,890	210,450	221,111	229,944
Frederick County	84,800	87,487	92,740	100,327	107,686	113,895	119,564
Howard County	107,502	117,700	125,600	132,182	135,486	137,773	137,773
Anne Arundel County	202,314	210,888	217,782	223,822	229,371	234,332	234,332
Charles County	50,950	57,528	64,299	70,833	75,847	80,876	85,901
Carroll County	61,592	65,691	69,614	73,417	76,111	78,720	81,464
Calvert County	32,046	34,298	36,027	37,374	38,348	39,322	40,301
St. Mary's County	38,870	44,443	49,352	53,960	58,143	62,326	66,509
King George County	8,370	9,800	11,228	12,792	14,358	15,742	17,125
City of Fredericksburg	9,505	10,236	10,966	11,750	12,533	13,133	13,733
Stafford County	41,769	49,584	57,388	65,384	73,383	80,531	87,679
Spotsylvania County	33,670	39,758	45,171	50,837	56,230	60,787	65,317
Fauquier County	26,871	30,982	35,730	41,197	47,502	54,773	63,154
Clarke County	6,069	6,423	6,722	7,108	7,487	7,886	8,308
Jefferson County	20,427	23,192	25,957	29,518	33,075	37,062	41,527
Baltimore City	266,180	276,668	282,165	286,301	288,728	289,727	290,812
Baltimore County	325,160	334,879	342,550	346,884	349,054	350,805	352,556
Harford County	93,186	98,412	103,623	108,877	114,084	117,895	122,078
Total	3,159,157	3,363,864	3,553,276	3,728,913	3,875,745	4,002,979	4,114,471

Source:- MWCOG Round 8.1 Cooperative Forecast and BMC 7.2 Landuse Data

Table E-1: Washington / Baltimore Air System Planning Region Employment Forecast by Jurisdiction

Jurisdiction	Employment						
	2010	2015	2020	2025	2030	2035	2040
District of Columbia	761,750	791,237	844,016	880,921	907,931	934,047	958,579
Montgomery County	510,136	541,995	585,363	633,226	684,284	714,438	737,364
Prince George's County	342,588	356,958	377,879	403,134	427,514	457,275	497,652
Arlington County	223,264	247,135	275,862	291,622	302,588	305,514	308,376
City of Alexandria	106,046	116,274	122,551	134,910	142,738	149,755	155,012
Fairfax County	680,040	722,244	785,619	835,997	875,216	905,688	935,411
Loudoun County	143,738	167,565	206,465	236,344	257,212	271,487	285,449
Prince William County	143,579	163,423	186,215	207,340	230,047	253,511	278,151
Frederick County	98,695	99,386	103,862	107,266	109,755	112,302	114,907
Howard County	195,402	214,527	230,914	248,369	261,926	267,837	274,635
Anne Arundel County	339,012	363,161	385,641	404,390	419,975	434,701	434,701
Charles County	62,199	68,405	71,695	74,695	77,499	80,298	83,097
Carroll County	84,255	86,767	88,267	89,280	90,301	91,318	92,338
Calvert County	35,200	41,097	44,501	46,305	47,206	48,102	49,003
St. Mary's County	62,994	68,202	71,601	74,599	76,596	78,637	80,731
King George County	16,241	17,805	19,370	20,938	22,501	24,123	25,740
City of Fredericksburg	31,491	35,575	39,659	43,717	47,777	51,298	54,818
Stafford County	46,929	52,220	57,505	63,833	70,172	77,152	84,144
Spotsylvania County	42,959	46,322	49,549	52,781	55,896	60,425	64,873
Fauquier County	22,313	24,907	29,202	32,155	35,409	38,990	42,932
Clarke County	5,055	5,387	5,718	6,032	6,363	6,713	7,082
Jefferson County	16,786	18,803	20,818	22,639	24,452	26,410	28,524
Baltimore City	451,052	461,744	471,299	479,870	485,002	485,012	485,023
Baltimore County	510,894	529,642	544,607	552,536	558,327	563,121	567,934
Harford County	129,702	142,294	151,226	158,221	163,502	165,002	166,526
Total	5,062,320	5,383,075	5,769,404	6,101,120	6,380,189	6,603,156	6,813,002

Source:- MWCOG Round 8.1 Cooperative Forecast and BMC 7.2 Landuse Data