

Washington / Baltimore Region



2007 Air Passenger Survey



2007 Washington-Baltimore Regional Air Passenger Survey

Overview

- CASP – Continuous Airport System Planning is one of the element of the TPB's work programs .
- CASP programs are overseen by the Aviation Technical Subcommittee of the TPB Technical Committee.
- The Aviation Technical Subcommittee include representatives from MWAA, MAA, DC Government, FAA, Virginia Department of Aviation and other interested groups.



2007 Washington-Baltimore Regional Air Passenger Survey

- The purpose of the Air Passenger Survey is to collect information about changing travel patterns and user characteristics of air passengers and help determine airport terminal and groundside needs.
- COG in conjunction with MWAA and MAA has conducted Air Passenger Surveys in the region.
- The first was conducted in 1981/82
 - 2nd - 1987
 - 3rd - 1992
 - 4th - 1998
 - 5th - 2000
 - 6th - 2002
 - 7th - 2005
- The 2007 fall survey was the eighth.



3

2007 Washington-Baltimore Regional Air Passenger Survey

- At-Gate lobby interview – (voluntary)
- Questionnaires distributed and collected before boarding
- Airline station personnel announce about survey to passengers at gate before questionnaires are distributed
- Airline station personnel provided field data collectors number of revenue passengers before departure
- Airport management provided field offices at airports .
- Survey materials delivered to field offices at each airport before survey starting date



4

2007 Air Passenger Survey

- A random sample of approximately 685 flights (606 Domestic and 79 International)
 - 227 at BWI
 - 212 at DCA and
 - 246 and IAD.
- Survey started on Sunday October 7, and ended on Saturday October 20th.
- Re-survey started on Sunday October 21st, and ended on Saturday November 3rd.



5

- 33 Airlines
 - 16 International
 - 17 Domestic
- 114 Destinations
 - 32 International
 - 82 Domestic

**No. of Survey Flights by Region
and No. of Destinations**

Region	No. of Destinations	No. of Flights
Mid-Atlantic	18	76
North-East	6	76
New York	3	66
South East	24	165
West	25	164
Great Lakes	6	60
International	32	78
Total	114	685



6

2007 Washington-Baltimore Regional Air Passenger Survey

No. of Survey Flights by Airport and
and

Flight Destination Region

Region	BWI	DCA	IAD	Total	Percent
Mid-Atlantic	21	22	33	76	11%
North-East	30	26	20	76	11%
New York	20	26	20	66	10%
South East	56	60	49	165	24%
West	60	46	58	164	24%
Great Lakes	20	20	20	60	9%
International	20	12	46	78	11%
Total	227	212	246	685	100%



7

2007 Washington-Baltimore Regional Air Passenger Survey

No. of Survey Flights by Airport and Flight Hours
and

Flight Departing Hours

Hours	BWI	DCA	IAD	Total
5:00 AM - 10:00 AM (AM Peak)	73	63	63	199
10:00 AM - 2:00 PM (Mid- Day)	39	61	47	147
2:00 PM - 6:30 PM (PM Peak)	73	52	81	206
6:30 PM - 12:00 AM (Night)	42	36	55	133
Total	227	212	246	685



8

2007 Washington-Baltimore Regional Air Passenger Survey

Survey Response Rate by Airport

	BWI	DCA	IAD	Total
Actual No. of Completed Surveys	6,986	4,627	7,343	18,956
No. Survey Completed (With Pass. Factor)	10,042	6,745	10,526	27,313
Revenue Passenger Count	21,277	14,825	19,422	55,524
Response Rate	47%	45%	54%	49%



9

2007 Washington-Baltimore Regional Air Passenger Survey

Next Steps

- Raw data keying – completion by early December
- Perform Logic check – completion by late December
- Geo-Coding of survey data to MWCOG and BMC TAZ's
- completion by January/February 08
- Factoring data to annual enplanements
- Data analysis and report by June 08



10

Thank You

C. ABOUT YOUR AIRPORT CHOICE

1. Please rank the three most important reasons for choosing Baltimore/Washington International Thurgood Marshall Airport for your flight today. (Please write #1, #2 or #3 in the appropriate spaces.)

- ___ Closest airport
- ___ Easy road access
- ___ Convenient limo, bus, or rail service
- ___ Good parking facilities
- ___ More convenient flight times
- ___ Less expensive airfare
- ___ Only airport with nonstop flights
- ___ Only airport that serves market
- ___ Frequent flyer specific airline
- ___ Other _____

2. If you could have arranged the airline schedule for your trip today, which airport would you have PREFERRED to use? (Please circle ONE answer)

- a. Baltimore/Washington International Thurgood Marshall
- b. Washington Dulles International
- c. Ronald Reagan Washington National
- d. No preference.

3. Please indicate which other airport(s) you considered using today. (Please circle ALL answers that apply.)

- a. Washington Dulles International
- b. Ronald Reagan Washington National
- c. Other airport _____
- d. Did not consider another airport

4. During the last twelve months, how many flights did you make from each of the following airports? (Please write a number in the appropriate spaces. Count today's trip as one flight.)

- ___ Baltimore/Washington International Thurgood Marshall
- ___ Washington Dulles International
- ___ Ronald Reagan Washington National

D. ABOUT YOURSELF

1. Please indicate the location of your current residence:

City/County _____ State _____ Zip Code _____ Country _____

2. How many people live in your household? _____ People (Enter '1' if you live alone.)

3. Please circle your age bracket:

- a. 18 or younger
- b. 19-24
- c. 25-34
- d. 35-49
- e. 50-64
- f. 65 or older

4. Please circle the answer that approximates the TOTAL household annual income of all persons in your HOUSEHOLD:

- a. Less than \$15,000
- b. \$15,000-24,999
- c. \$25,000-44,999
- d. \$45,000-79,999
- e. \$80,000-119,999
- f. \$120,000-159,999
- g. \$160,000-199,999
- h. \$200,000 or more

If you were visiting the Washington-Baltimore area Please answer Questions #5 and #6, then proceed directly to section E.

5. How many nights did you stay in the area? _____ Nights (Enter '0' if you are leaving the same day you arrived.)

6. Approximately how much did you spend PER DAY while you were in the area? (Include expenses which are meals, hotels, rental cars, etc. Do not include airfare. Please circle ONE answer.)

- a. Less than \$100
- b. \$100-199
- c. \$200-299
- d. \$300-399
- e. \$400-499
- f. \$500-749
- g. \$750-999
- h. \$1,000 or more

7. How many nights will you spend away on this trip? _____ Nights (Enter '0' if you are returning today.)

8. How many vehicles are usually available for use at your residence? _____ Vehicles (Enter '0' if no vehicles are available.)

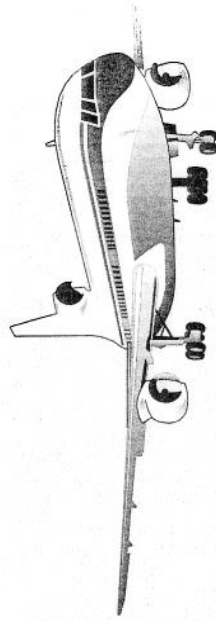
E. PLEASE WRITE ANY COMMENTS YOU MAY WISH TO BRING TO OUR ATTENTION BELOW

Again, Thanks For Your Help!

B - NQ 25788

**2007
WASHINGTON-
BALTIMORE-
REGIONAL
AIR PASSENGER
SURVEY**

TO DETERMINE LOCAL AIRPORT NEEDS



BWI

This survey is being conducted by:
Metropolitan Washington Council of Governments
Metropolitan Washington Airports Authority
Maryland Aviation Administration
in cooperation with the airlines
serving the region's airports.

This survey concerns your trip today.
Please complete this form, even if you have
received a form on other days.

All answers are confidential.
Personal identification is not required.
Thank you for your cooperation.

A. ABOUT YOUR TRIP TODAY

1. How did you get to Baltimore/Washington International Thurgood Marshall Airport for this trip?
(Please circle ONE answer.)

- a. I came to this airport by GROUND TRANSPORTATION (e.g. auto, taxi, Metro, etc.)
(Please proceed directly to QUESTION #2.)
- b. I was on this flight when it arrived at this airport.
(STOP. That is all the information we need.)
- c. I made a connection at this airport from a DOMESTIC FLIGHT with _____ Airlines. (Please fill in the name of the airline and STOP. That is all we need to know.)
- d. I made a connection at this airport from an INTERNATIONAL FLIGHT with _____ Airlines (Please fill in the name of the airline and STOP. That is all we need to know.)

If you arrived at this airport by GROUND TRANSPORTATION, please complete the rest of this survey.

2. What is the destination of your trip today?

Airport _____ City _____
 State/Province _____ Country _____

3. What type of trip is this?

(Please circle the answer for the main purpose of your travel).

- a. Business related to the federal government (Including military)
- b. Business related to state or local government
- c. Business that is not related to government
- d. Vacation
- e. Personal or family affairs
- f. Student or school related
- g. Other purpose _____
(Specify)

4. How did you purchase your ticket for this trip?
(Please circle ONE answer)

- a. Ticket Counter
- b. Internet
- c. Telephone
- d. Travel Agent
- e. Corporate Office

B. ABOUT YOUR GROUND TRIP TO BALTIMORE/WASHINGTON INTERNATIONAL AIRPORT:

1. Where did you start your ground trip to Baltimore/Washington International Thurgood Marshall Airport (BWI)?
(Please circle ONE answer.)

- a. Private residence
- b. Hotel/Motel
- c. My regular place of employment
- d. Another place of business
- e. Other _____
(Specify)

2. What is the address of the place above?

(If you prefer to provide a less specific geographic location, please indicate the nearest intersection, or building name.)

Street Number _____ Street Name _____ City Quadrant (e.g. SW, NE)
 City _____ State _____ Zip Code _____

3. What time did you begin your trip to the airport today?
(Enter time and circle AM or PM)

_____ : _____ AM PM

4. What time did you arrive at the airport today?
(Enter time and circle AM or PM)

_____ : _____ AM PM

5. Did any member of your household, friends, or business associates travel to the airport with you?

- a. No
 - b. Yes
1. How many? _____
 2. Of this group, how many came to board a plane? _____

6. How many checked-in bags on this flight are yours?
(Enter '0' if no bags were checked.) _____

7. What was your primary means of transportation to this airport?
(Please circle ONE answer)

- a. Private Car
- b. Rented Car
- c. Taxi
- d. Airport bus/van/limo
- e. Other _____
(Specify)
- f. Metrorail (National)
- g. Amtrak/MARC (BWI)
- h. Light Rail (BWI)
- i. Hotel/Motel courtesy bus

8. If you arrived in a private vehicle (excluding rental cars):

a. Were you dropped off at terminal curbside?

Yes _____ No _____

b. Where was that vehicle parked (either directly or after dropping you off)?

- 1. It was not parked
 - 2. Hourly Parking Garage
 - 3. Daily Parking Lot B
 - 4. Daily A Garage
 - 5. ESP Parking Lot
 - 6. Long Term A or B
 - 7. Overflow A or B
 - 8. BWI Rail Station Garage
 - 9. Off-Airport Private Parking
- For How Long
 a. For a few hours or less
 b. Until you return from this trip

