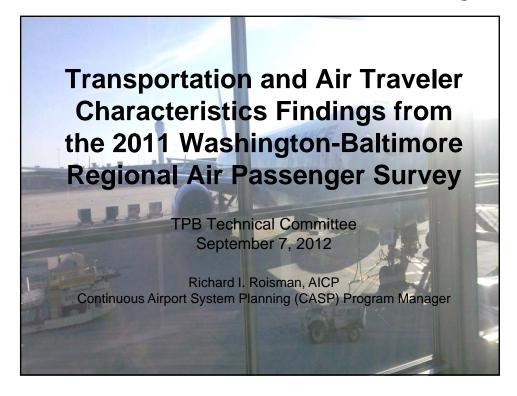
TPB Technical Committee 9/7/2012 Agenda Item #11



Presentation Overview

- ▶ Survey Overview and Methodology
- ▶ Transportation Findings
- ▶ Air Traveler Characteristics Findings
- ▶ Conclusions...so far
- Next steps

Survey Overview and Methodology (1)

- Survey purpose: provide observed data foundation for CASP program activities and the work of our airport partners (MAA, MWAA)
 - Air passenger demand forecasting
 - Planning for airport access facilities
 - Planning airport landside facilities
 - Trend and market analyses
- Conducted every two years at the three regional commercial service airports: BWI, DCA, IAD

2

Survey Overview and Methodology (2)

- Sample randomly selected from all scheduled departures during two-week survey period, taken from Official Airline Guide
- Stratification for 2011 survey: by airport, airline, first stop destination
- Final sample and strata approved by MWAA and MAA
- Passengers surveyed at airport departure gates while waiting to board flights

Survey Overview and Methodology (3)

- ▶ 2011 survey conducted for two-week period Wednesday November 2nd through November 15th
- Resurvey period (flights with insufficient response) November 16th to November 22nd
- Survey is voluntary; opt-in, self-administered questionnaire
- Surveyors collect completed questionnaires from respondents; mail-back option for passengers arriving late to gate area

4

2011 APS Data Collection Summary

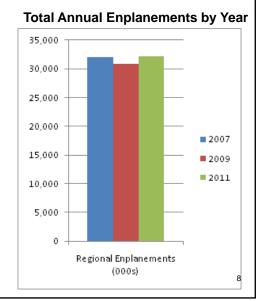
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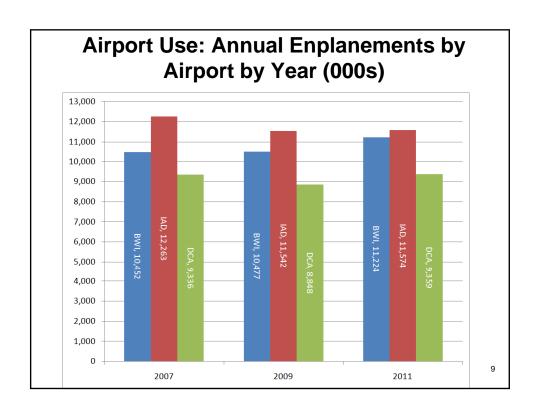
Transportation Findings

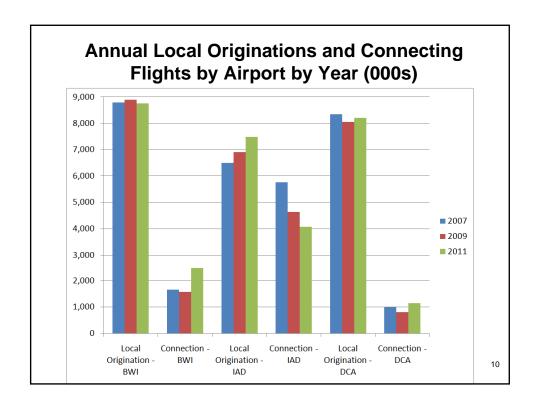
- Airport Use
- ▶ Airport Choice / Preference
- ▶ Trip Purpose
- ▶ Trip Origin
- Mode of Access

Airport Use - General

- Regional enplanements up slightly over 2009
- Regionally, both local originations and connections increased
- Different local origination / connecting characteristics at each airport





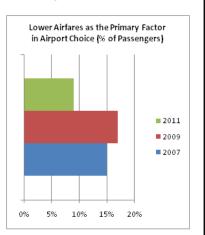


Airport Use – Local Originations vs. Connections

- Regionally, 76% of enplanements were local originations and 24% connecting flights, compared with 77% and 23% for 2009.
- Increase in proportion of connecting passengers at BWI attributed to merger of Southwest and AirTran (May 2011)
- Decrease in connecting passengers at IAD despite merger of United and Continental (October 2010)
- Survey analysis focused on local originations, since they utilize the surface transportation network

Airport Choice – Primary Factor

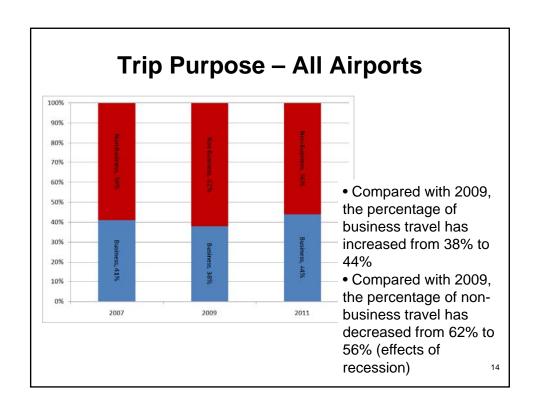
- Cost of airfare less of a factor, down from 2009 levels of 27% and 16% at BWI and IAD to 18% and 8% in 2011, respectively
- Accessibility (closest airport) still the biggest factor, but decreased from 61% in 2009 to 57% in 2011 for all airports
- By airport, accessibility factor unchanged at BWI, decreased from 53% to 42% at IAD, and from 72% to 71% at DCA
- Travelers more sensitive to value of travel time to airport than airfare

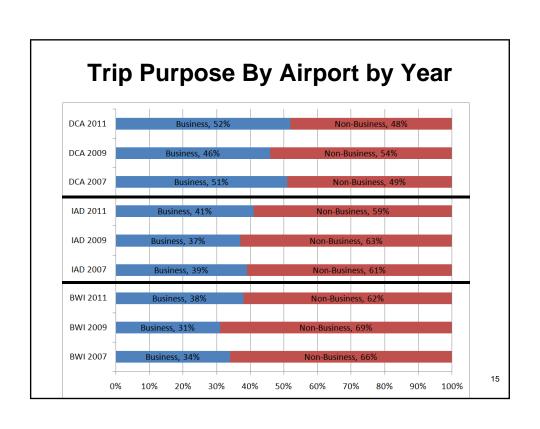


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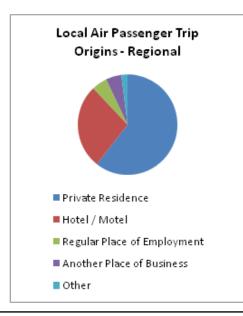
Airport Preference

- Regionally, two-thirds of respondents indicated they were travelling from their preferred airport (unchanged from 2009)
- Residents more likely than non-residents to express an airport preference
- DCA is the most-preferred airport by both residents (36%) and non-residents (39%), followed by BWI (31% and 27%), and IAD (23% and 14%)





Trip Origin

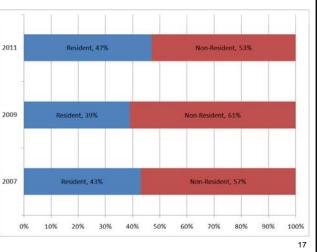


- By airport, about twothirds of airport passengers' ground trips began at a private residence for both BWI and IAD, but only about half for DCA
- About one-third of airport passengers' ground trips began at a hotel for DCA, but only 21% at BWI and 26% at IAD

Air Traveler Resident Status

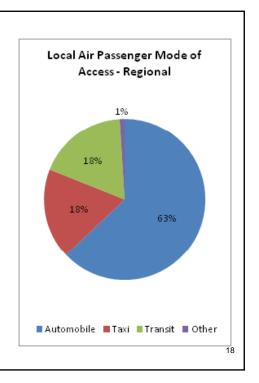
- For 2011, DCA highest proportion of non-residents (58%); in 2009 BWI highest proportion of nonresidents (62%)
- For 2011, IAD highest proportion of residents (52%) and only airport with majority of resident travelers
- In 2009, IAD still highest proportion of residents (44%) but none of the three airports had a majority of resident travelers

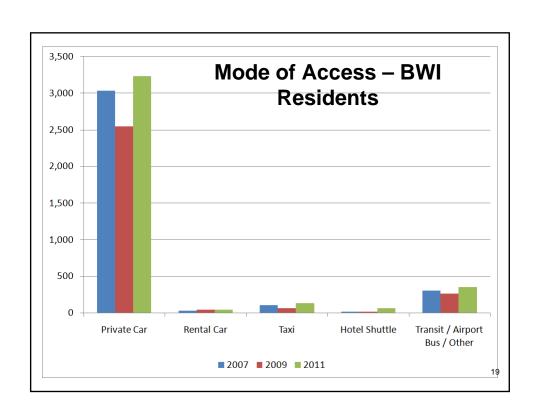


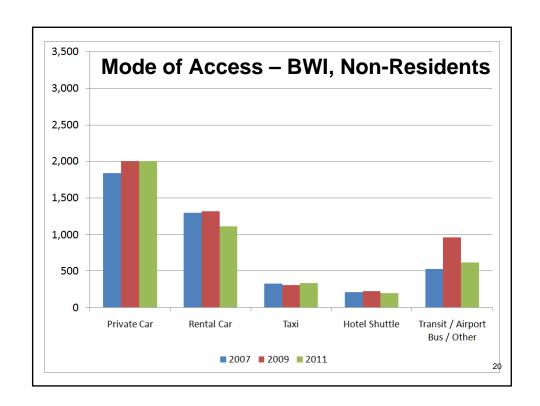


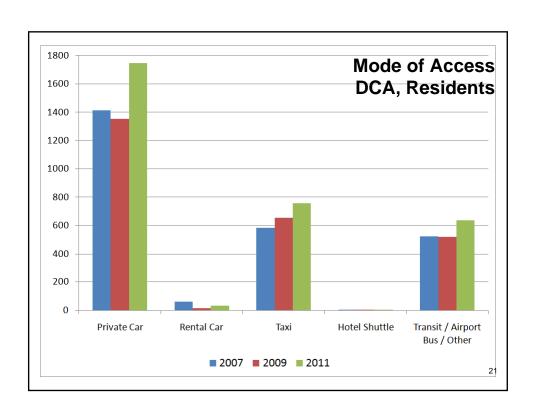
Mode of Access

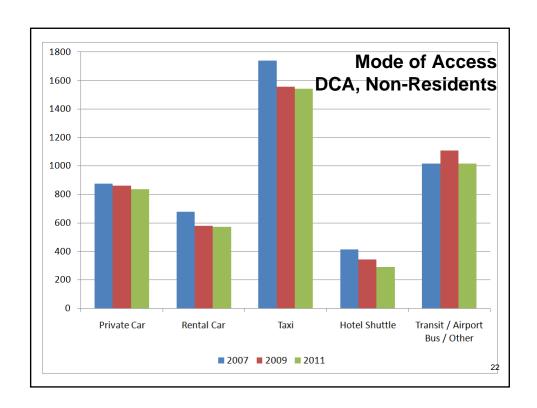
- The most common mode of access to the airports in 2011 continued to be the automobile (private and rental), accounting for 63% of all local originations
- Metrorail usage by passengers traveling to DCA continues to be among the highest proportions of any airport in the United States at 16%

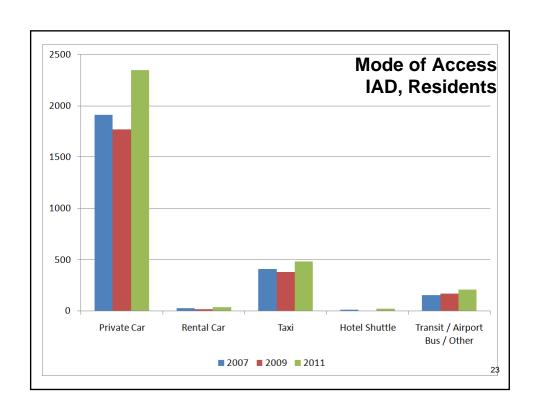


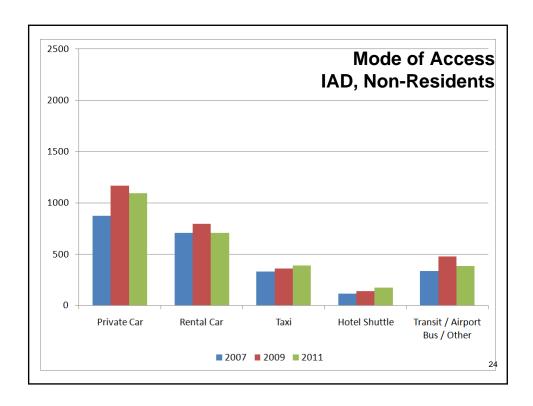










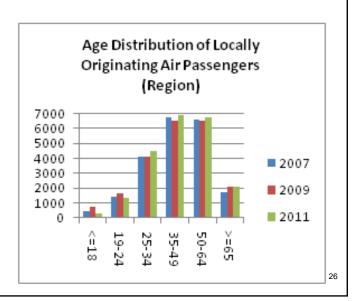


Air Travel Characteristics Findings

- Age
- ▶ Income

Air Traveler Age

- Slight increase in 25-34, 35-49, and 50-64 age groups over 2009
- Regional age distribution virtually identical to all three individual airports



Air Traveler Income



- A little over half of regional locally originating air passengers had annual household incomes of at least \$120,000, an increase over 2009 and 2007
- More than half of resident local originations have annual household incomes of more than \$120,000
- Affluence explains lack of price (airfare) sensitivity in airport choice

2006-2010 ACS Median HH Income for Region (CSA) is \$78,040; \$51,914 for Nation

Conclusions...so far (1)

- Airport passenger traffic has grown over 2009
- Proportion of business travel has grown over 2009 at all airports
- Proportion of travel by area residents has grown over 2009 at all airports
- Each airport's regional share of passengers generally constant since 2007

28

Conclusions...so far (2)

- Proportion of local originations (using airport ground access network) generally constant but travel base growing
- Private auto dominant mode of access except at DCA
- Most locally originating travelers affluent and value time highly

Next Steps (1)

- Comments on report
- Additional cross-classifications and analysis
 - Airport choice by resident / non-resident
 - Airport choice by business / non-business travel
 - ▶ Trip origin by resident / non-resident
 - Trip purpose by resident / non-resident
 - Others

30

Next Steps (2)

- Geocode survey file and conduct further analysis
- ▶ 2011 Air Passenger Survey Geographic Findings Report (to Aviation Technical Subcommittee and TPB Technical Committee, Spring 2013)
- Spring 2013: begin preparations for Fall 2013 Air Passenger Survey