

2013 Washington-Baltimore Regional Air Passenger Survey Status Update

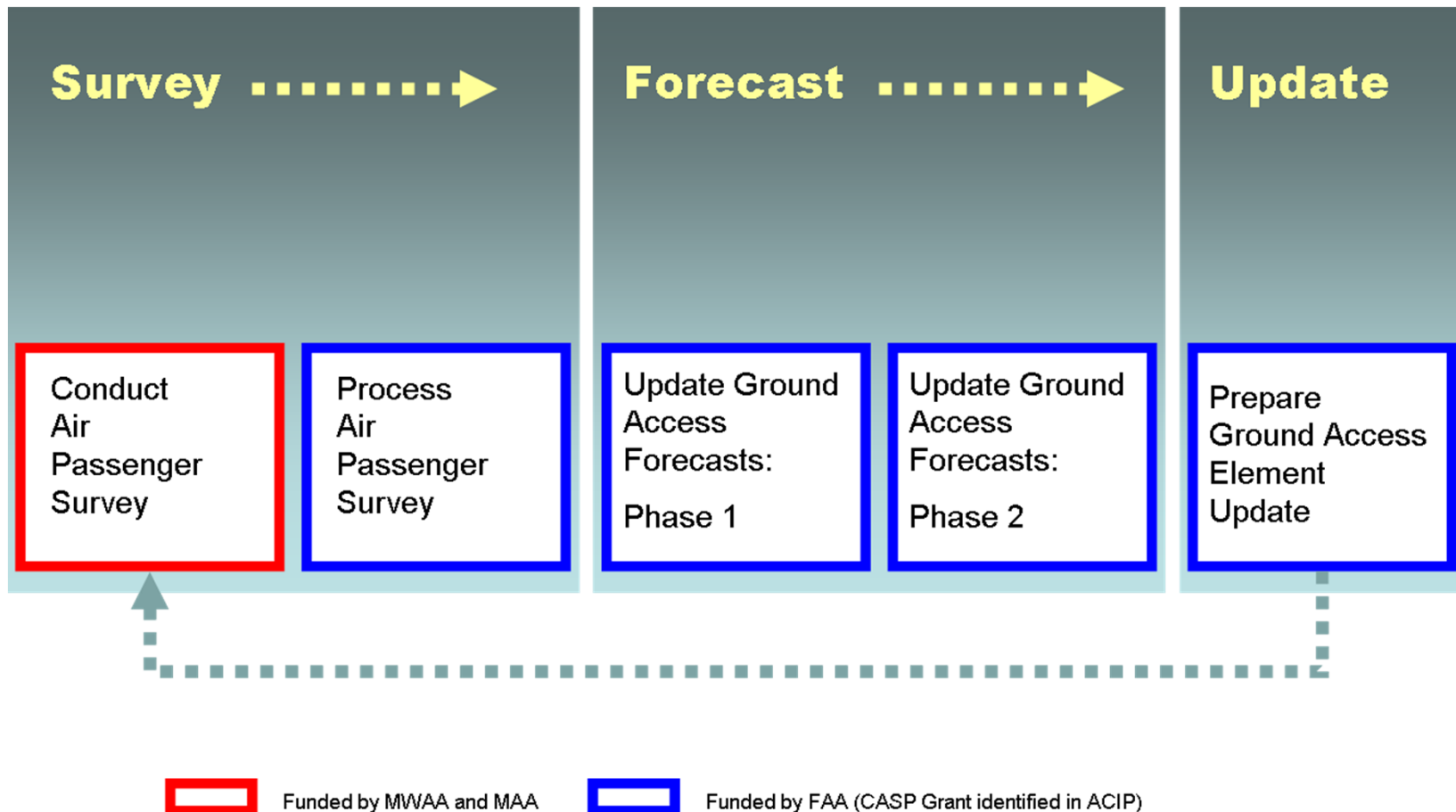
**Travel Forecasting
Subcommittee
January 24, 2014**



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Current CASP Process and Projects

The CASP cycle has three (3) distinct phases each containing specific projects and milestones.



Regional Air Passenger Survey Overview (1)

- Provide observed data foundation for CASP program activities
- Current data to airports to support planning for airport facilities and services
- Air passenger demand forecasting (ground access)
- Planning for airport access facilities and landside facilities
- Trend and market analysis



Regional Air Passenger Survey Overview (2)

- Survey every two years at region's three commercial airports
- Random sample of domestic and international flights during two-week survey period in late October / early November
- Passengers surveyed at departure gates while waiting to board flights
- Approximately 35% of surveyed passengers completed and returned a survey questionnaire

Table 1
2013 Regional Air Passenger Survey
Survey Flights Samples by Airport

Airport	No. of Sample Flights	Revenue Passengers Count	Total Completed Surveys	Questionnaire to Revenue Passenger Rate	Success Yes/No
BWI	225	25,101	8,790	35%	YES
DCA	221	17,639	6,639	38%	YES
IAD	227	26,320	9,313	35%	YES
Total	673	69,060	24,742	36%	YES

Table 2
2013 Regional Air Passenger Survey
Surveyed Flights by Survey Date

Survey Date	Surveyed Flights By Airport			Total
	BWI	DCA	IAD	
Wednesday, October 9, 2013	16	17	15	48
Thursday, October 10, 2013	17	20	13	50
Friday, October 11, 2013	17	20	15	52
Saturday, October 12, 2013	13	8	28	49
Sunday, October 13, 2013	13	17	18	48
Monday, October 14, 2013	15	11	18	44
Tuesday, October 15, 2013	17	18	10	45
Wednesday, October 16, 2013	21	24	15	60
Thursday, October 17, 2013	16	13	13	42
Friday, October 18, 2013	26	16	16	58
Saturday, October 19, 2013	17	12	11	40
Sunday, October 20, 2013	10	17	28	55
Monday, October 21, 2013	11	15	15	41
Tuesday, October 22, 2013	16	13	12	41
Grand Total	225	221	227	673

Preliminary Results Un-weighted Survey Records



Table 3
2013 Regional Air Passenger Survey
Survey Records Response Type

Survey Response	BWI	DCA	IAD	Total
At Airport Survey Response	8,708 99.1%	6,587 99.2%	9,290 99.8%	24,585 99.4%
Web Response	28 0.3%	20 0.3%	13 0.1%	61 0.2%
Mailback Response	54 0.6%	32 0.5%	10 0.1%	96 0.4%
Total	8,790 100.0%	6,639 100.0%	9,313 100.0%	24,742 100.0%

Figure 1
Washington - Baltimore Air System Planning Region
Air Passenger Regional Allocations Strata

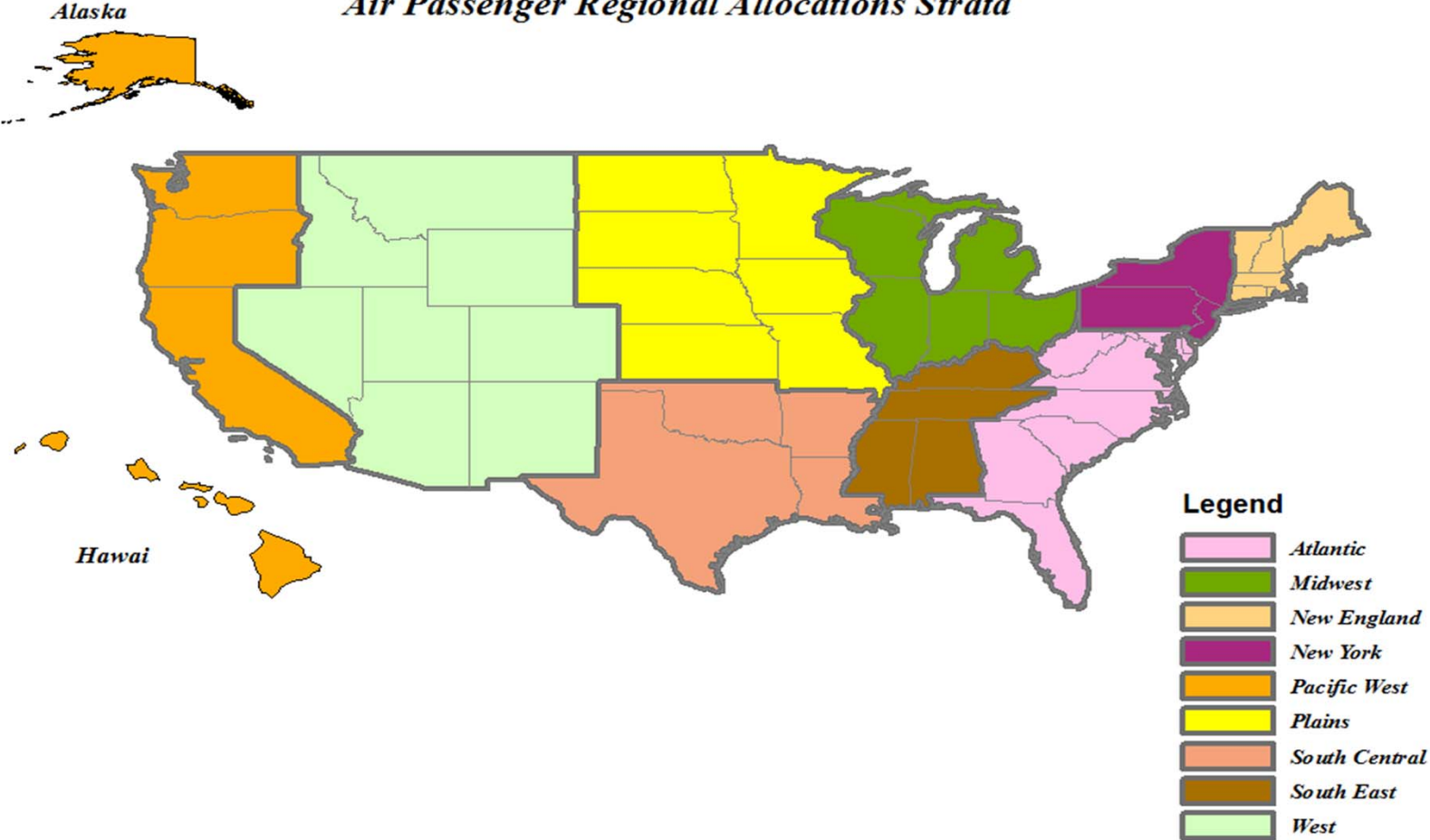


Table 4
2013 Regional Air Passenger Survey
Survey Flights by Destination Region by Airport

Region	Airport			Total
	BWI	DCA	IAD	
Atlantic	63	62	42	167
Midwest	43	40	25	108
New England	29	28	10	67
New York	27	30	19	76
Pacific West	5	8	33	46
Plains	5	7	4	16
South Central	15	19	15	49
South East	9	9	4	22
West	17	8	16	41
International	12	10	59	81
Total	225	221	227	673

Table 5
2013 Regional Air Passenger Survey
Survey Records Trip Originations by Airport

Departure Type	BWI	DCA	IAD	Total
Came by Ground Transportation	6,169 70%	5,635 85%	4,766 51%	16,570 67%
Was on Flight	398 5%	186 3%	170 2%	754 3%
Domestic Connection	2,116 24%	777 12%	3,130 34%	6,023 24%
International Connection	107 1%	41 1%	1,247 13%	1,395 6%
Total	8,790 100%	6,639 100%	9,313 100%	24,742 100%

Table 6
2013 Regional Air Passenger Survey
Local Originating Survey Records Response Type

Survey Response	BWI	DCA	IAD	Total
At Airport Survey Response	6,106 99.0%	5,590 99.2%	4,746 99.6%	16,442 99.2%
Web Response	21 0.3%	15 0.3%	11 0.2%	47 0.3%
Mailback Response	42 0.7%	30 0.5%	9 0.2%	81 0.5%
Total	6,169 100%	5,635 100%	4,766 100%	16,570 100%

Table 7
2013 Regional Air Passenger Survey
Local Originating Survey Records Trip Purpose

Trip Purpose	BWI	DCA	IAD	Total
Business - Government	549 9%	796 14%	530 11%	1,875 11%
Business - Non-Government	1,489 24%	1,520 27%	1,061 22%	4,070 25%
Vacation	1,709 28%	1,295 23%	1,576 33%	4,580 28%
Personal or Family	2,035 33%	1,704 30%	1,246 26%	4,985 30%
Student or School Related	163 3%	108 2%	122 3%	393 2%
Other	57 1%	39 1%	49 1%	145 1%
Non- Response	167 3%	173 3%	182 4%	522 3%
Total	6,169 100%	5,635 100%	4,766 100%	16,570 100%

Table 8
2013 Regional Air Passenger Survey
Local Originating Survey Records Airport Trip Origination

Trip Origination	BWI	DCA	IAD	Total
Private Residence	4,309 70%	3,006 53%	3,095 65%	10,410 63%
Hotel/Motel	1,185 19%	1,913 34%	1,321 28%	4,419 27%
Regular Place of Work	252 4%	258 5%	123 3%	633 4%
Another Place of Business	266 4%	318 6%	120 3%	704 4%
Other	93 2%	95 2%	41 1%	229 1%
Non Response	64 1%	45 1%	66 1%	175 1%
Total	6,169 100%	5,635 100%	4,766 100%	16,570 100%

Table 9
2013 Regional Air Passenger Survey
Local Originating Survey Records
Airport Trip Mode of Access

Trip Mode	No.	%
Private Car	8,648	52%
Rented Car	2,041	12%
Taxi	2,918	18%
Airport Bus Limo	1,005	6%
Metrorail	834	5%
Amtrak/MARC (BWI)	194	1%
Light Rail (BWI)	56	0%
Hotel/Motel Courtesy Bus	483	3%
Metrobus/MTA Bus	129	1%
Other	262	2%
Total	16,570	100%

Table 10
2013 Regional Air Passenger Survey
Local Originating Survey Records
Usual Airport Access Mode

Usual Trip Mode	No.	%
Yes	13,206	80%
No	2,607	16%
Non- Response	757	5%
Total	16,570	100%

Table 11
2013 Regional Air Passenger Survey
Local Originating Survey Records
at Airport Drop-Off

At Airport Drop-Off	No.	%
Yes	6,710	40%
No	3,640	22%
Non- Response	6,220	38%
Total	16,570	100%

Table 12
2013 Regional Air Passenger Survey
Local Originating Survey Records Airport Parking Use
Airport Parking Use

Airport Parking	No.	%
Not Parked	6,345	38%
Long Term / Economy Parking	485	3%
Valet Parking	35	0%
Hourly Parking Lot	388	2%
Daily Parking Garage	525	3%
Express Parking Lot	171	1%
Long Term A or B Parking Garage	630	4%
BWI Rail Station Garage	36	0%
Off-Airport Private Parking	522	3%
Short Term / Hourly Parking	420	3%
Long Term / Daily Parking	697	4%
Other	27	0%
Non-Response	6,289	38%
Total	16,570	100%

Table 13
2013 Regional Air Passenger Survey
Local Originating Survey Records Airport Preference

Airport Preference	BWI	DCA	IAD	Total
Prefer BWI	4,254 69%	189 3%	294 6%	4,737 29%
Prefer DCA	691 11%	4,074 72%	1,052 22%	5,817 35%
Prefer IAD	247 4%	390 7%	2,365 50%	3,002 18%
No-Preference	754 12%	775 14%	806 17%	2,335 14%
Non-Response	223 4%	207 4%	249 5%	679 4%
Total	6,169 100%	5,635 100%	4,766 100%	16,570 100%

Table 14
2013 Regional Air Passenger Survey
Local Originating Survey Records
Age Distribution

Age Group	No.	%
18 or Younger	232	1%
19 - 24 yrs	945	6%
25 - 34 yrs	3,067	19%
35 - 49 yrs	4,272	26%
50 - 64 yrs	4,799	29%
65 and Older	1,983	12%
Non- Response	1,272	8%
Total	16,570	100%

Table 15
2013 Regional Air Passenger Survey
Local Originating Survey Records
Household Income

Household Income	No.	%
Less Than \$15,000	390	2%
\$15,000 - \$24,999	311	2%
\$25,000 - \$44,999	749	5%
\$45,000 - \$79,999	1,974	12%
\$80,000 - \$119,999	2,566	15%
\$120,000 - \$159,999	1,903	11%
\$160,000 - \$199,999	1,301	8%
Over \$200,000	2,844	17%
Non- Response	4,532	27%
Total	16,570	100%

Table 16
2013 Regional Air Passenger Survey
Local Originating Survey Records
Money Spent

Money Spent	No.	%
Less Than \$100	3,210	19%
\$100 - \$199	1,791	11%
\$200 - \$299	1,117	7%
\$300 - \$399	696	4%
\$400 - \$499	349	2%
\$500 - \$749	259	2%
\$750 - \$999	77	0%
Over \$1,000	134	1%
Non- Response	8,937	54%
Total	16,570	100%

Next Steps:

- Continue with data logic check and editing
- Compile 2013 Annual Enplanement data by airport
- Factor survey data records
- Draft General Findings Report for March

TFS meeting

