

#### Cobb County Airport - McCollum Field

#### Scheduled Charter Operation Demand Analysis



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I. Project Overview

#### Scope of Work



- Boyd Group International was retained by the Cobb County Board of Commissioners to conduct an analysis of the potential for establishing scheduled charter service at Cobb County Airport – McCollum Field
  - The primary purpose of the study is to determine if the current passenger traffic demand at Hartsfield
     Jackson Atlanta International Airport (ATL) to key cities warrants scheduled charter service at
     McCollum Field
  - **Zip code data has been analyzed to determine where the passengers at ATL are originating from the greater Atlanta region, therefore highlighting the demand from the immediate McCollum Field area**
  - ☑ The concept of scheduled charter service at McCollum Field would provide a welcome service for the greater community, rather than having to utilize ATL for all travels there may be opportunity to use RYY for some business travelers if the demand exists time savings for business travelers
  - Furthermore, scheduled charter service at McCollum Field would assist in bolstering the economic benefit and impact that the airport currently provides the county – the airport is a driver of economic development and charter service would further increase economic progress



II. Executive Summary

#### **Executive Summary**



- Boyd Group International believes that there is potential for successful scheduled charter operations at RYY to/from select major metropolitan regions with high rates of travel currently at Atlanta Hartsfield – Jackson Atlanta International Airport
  - Based on analysis, the top markets with potential for scheduled charter operations include New York Metro, Washington, D.C. Metro, South Florida, and the Chicago Metro (Boston, Dallas, and Philadelphia are also possible markets)
- > However, there are significant hurdles which would need to be overcome in order for scheduled charter flights to be successful
  - 2 High end business travelers in the RYY service area are likely loyal Delta customers, and enjoy the benefits of complimentary upgrades and frequent flyer miles there must be a tangible benefit of scheduled charter service to sway them to utilize it over Delta
  - Advertising and marketing must be aggressive in the zip codes that have been identified in order to create awareness of the RYY charter flights
  - Frequency of flights to top business destinations from ATL are generally of utmost importance to business travelers, and the challenge exists to create a value proposition to potential RYY passengers who are accustomed to high frequency of flights from ATL
  - Operational reliability would also be critical to the value proposition if the passenger misses a flight at ATL there are a number of alternative options to get to the destination, however this is not necessarily the case with charter flights
  - 2 Pricing of the flights must be viewed as reasonable compared to pricing at ATL on Delta and other airlines
- While the above challenges exist, there is opportunity at RYY for targeted flights and a carefully crafted plan by the community, airport, and potential charter operators



III. Review of Current Hartsfield – Jackson Atlanta International Airport Passenger Demand

### Top 50 Domestic Origin and Destination Markets at ATL YE Q3 2013



- As of the YE Q3 2012, the top 50 domestic markets at ATL account for 80% of the airport's total origin and destination passengers, with many business markets holding top positions
  - This data will be utilized as a baseline to determine which markets may hold the greatest potential for scheduled charter service at RYY zip code data will be analyzed to determine if there is a sample size large enough in the immediate RYY/Cobb County area to warrant potential charter service

Rank	Market	Psgr	PDEW	% Originating @ ATL	Gross OW Fare	% of Pax
1	LGA	1,598,432	2,189.6	54.5%	\$181.19	6.1%
2	FLL	847,030	1,160.3	57.5%	\$126.54	3.3%
3	LAX	842,996	1,154.8	54.7%	\$265.07	3.2%
4	DFW	802,602	1,099.5	51.9%	\$224.56	3.1%
5	DCA	733,407	1,004.7	57.3%	\$185.82	2.8%
6	BOS	721,166	987.9	51.7%	\$202.43	2.8%
7	BWI	706,193	967.4	46.8%	\$154.36	2.7%
8	PHL	702,347	962.1	46.9%	\$192.87	2.7%
9	ORD	685,550	939.1	50.2%	\$190.80	2.6%
10	DEN	662,298	907.3	56.2%	\$172.18	2.5%
11	MCO	661,471	906.1	66.0%	\$146.77	2.5%
12	SFO	583,290	799.0	60.3%	\$288.12	2.2%
13	EWR	547,325	749.8	44.4%	\$240.37	2.1%
14	LAS	544,295	745.6	83.0%	\$242.31	2.1%
15	MDW	525,395	719.7	54.2%	\$153.51	2.0%
16	TPA	506,366	693.7	52.4%	\$160.04	1.9%
17	DTW	475,415	651.3	42.8%	\$203.50	1.8%
18	MSP	449,439	615.7	45.2%	\$227.78	1.7%
19	MIA	412,394	564.9	65.7%	\$171.05	1.6%
20	SEA	400,226	548.3	50.1%	\$285.38	1.5%
21	RDU	387,056	530.2	46.6%	\$142.94	1.5%
22	PHX	381,698	522.9	55.9%	\$223.87	1.5%
23	HOU	370,574	507.6	52.8%	\$171.02	1.4%
24	MSY	316,536	433.6	64.0%	\$154.44	1.2%
25	STL	313,151	429.0	48.7%	\$170.88	1.2%

Rank	Market	Psgr	PDEW	% Originating @ ATL	Gross OW Fare	% of Pax
26	IAH	308,132	422.1	45.7%	\$204.27	1.2%
27	PIT	303,862	416.2	47.5%	\$167.28	1.2%
28	PBI	284,646	389.9	54.9%	\$143.63	1.1%
29	MCI	283,878	388.9	45.3%	\$183.18	1.1%
30	IAD	262,736	359.9	47.6%	\$192.68	1.0%
31	SAT	261,660	358.4	57.1%	\$178.98	1.0%
32	IND	256,651	351.6	49.4%	\$158.08	1.0%
33	RIC	255,248	349.7	44.8%	\$157.76	1.0%
34	JAX	246,516	337.7	54.2%	\$139.92	0.9%
35	MKE	242,290	331.9	44.6%	\$177.79	0.9%
36	CMH	241,527	330.9	42.9%	\$158.75	0.9%
37	AUS	236,025	323.3	50.4%	\$207.22	0.9%
38	SAN	227,237	311.3	58.2%	\$305.57	0.9%
39	MEM	226,045	309.7	56.0%	\$161.86	0.9%
40	SLC	225,136	308.4	53.3%	\$316.30	0.9%
41	JFK	209,078	286.4	45.2%	\$186.91	0.8%
42	BUF	198,496	271.9	51.4%	\$169.11	0.8%
43	CLT	180,559	247.3	50.7%	\$144.79	0.7%
44	SJU	180,494	247.3	71.2%	\$217.38	0.7%
45	ORF	180,241	246.9	47.1%	\$150.72	0.7%
46	DAY	176,387	241.6	42.2%	\$132.00	0.7%
47	SNA	172,340	236.1	50.6%	\$296.66	0.7%
48	CLE	171,438	234.8	45.3%	\$222.70	0.7%
49	BDL	169,090	231.6	42.0%	\$267.39	0.6%
50	RSW	164,394	225.2	55.4%	\$169.84	0.6%

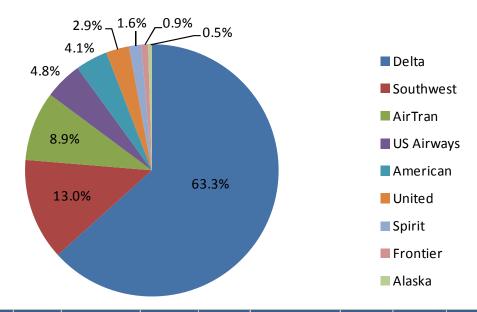
Source: Aviation DataMiner™ analysis of DOT/BTS O&D Survey

### Airline Domestic Passenger Share and Revenue Performance at ATL – YE Q2 2013



- The graph and table illustrate the current incumbent airlines' performance at ATL, and highlight the competition scheduled charter service at RYY would encounter
  - Atlanta's hometown carrier, Delta, captures 63% of all passengers at ATL and would a potential obstacle to successful scheduled charter service at RYY, as business travelers enjoy the frequent flyer benefits Delta offers – this obstacle is reviewed further in depth later in the analysis

#### Domestic Passenger Share at ATL – YE Q2 2013



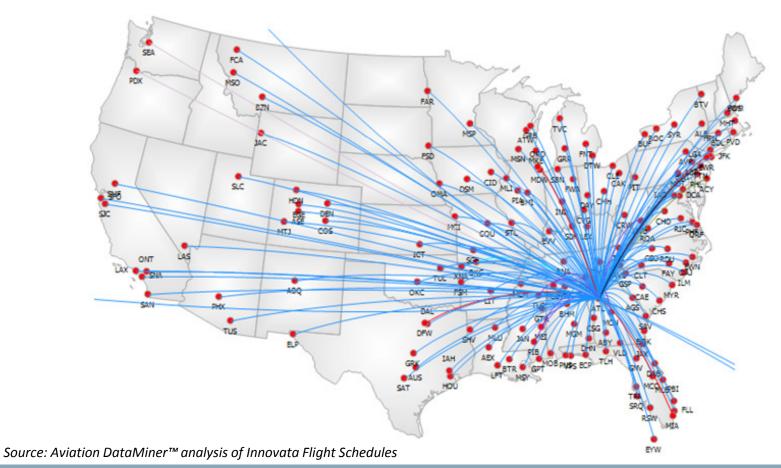
Carrier	Psgr	PDEW	% Psgr	% Originating @ ATL	Gross OW Fare	Net OW Fare	Net Revenue	% Net Rev.	Ticket Yield	Routing Efficiency
American	1,076,396	1,474.5	4.1%	38.2%	\$219.10	\$191.32	\$190,295,408	4.3%	20.28¢	95.2%
Alaska	122,024	167.2	0.5%	29.8%	\$308.68	\$273.92	\$26,975,558	0.6%	10.79¢	95.3%
Delta	16,483,156	22,579.7	63.3%	56.8%	\$219.74	\$194.06	\$3,018,533,353	68.7%	22.18¢	97.7%
Frontier	223,483	306.1	0.9%	45.9%	\$177.03	\$150.73	\$32,836,714	0.7%	11.22¢	95.8%
AirTran	2,310,321	3,164.8	8.9%	50.9%	\$139.44	\$119.88	\$265,282,729	6.0%	16.29¢	99.3%
Spirit	414,789	568.2	1.6%	50.9%	\$80.78	\$65.08	\$26,799,209	0.6%	9.52¢	98.0%
United	767,603	1,051.5	2.9%	31.7%	\$237.39	\$207.46	\$145,014,468	3.3%	19.45¢	92.9%
US Airways	1,252,063	1,715.2	4.8%	42.2%	\$223.75	\$191.28	\$233,563,434	5.3%	17.01¢	90.8%
Southwest	3,379,101	4,628.9	13.0%	45.8%	\$166.68	\$143.94	\$451,741,407	10.3%	15.78¢	96.6%
Total	26,034,754	35,664.0	100.0%	52.3%	\$204.06	\$178.89	\$4,392,508,545	100.0%	19.98¢	96.9%

Source: Aviation DataMiner™ analysis of DOT/BTS O&D Survey

#### Current Scheduled Air Service at ATL – CY 2013



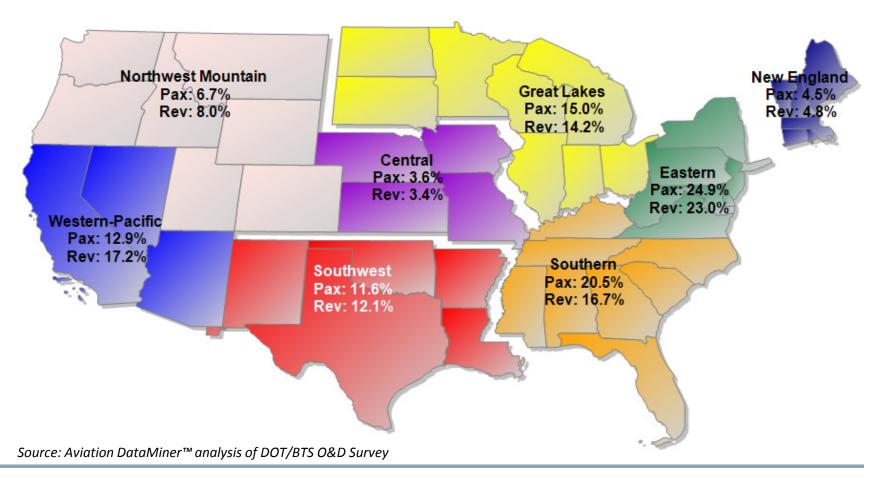
- > ATL currently has nine domestic network carriers and an additional seven international carriers offering nonstop flights
  - The breadth of nonstop air service at ATL is practically unparalleled in the US, largely due to Atlanta being Delta's corporate headquarters and largest hub



### Geographical Distribution of Current Domestic ATL O&D Pax YE Q2 2013



- > The majority of the passengers and revenue come from the Southern, Eastern, Great Lakes, and Southwest regions
  - 2 Bodes well for potential scheduled charter service because a small/medium sized jet would likely be utilized. These sized jets generally have decreasing economics the longer the stage length of flights due to fuel costs







- The load factor table illustrates the percentage of seats on nonstop flights that are full at ATL to key business markets for Delta
  - Because Delta accounts for over 60% of all passenger capture at ATL, the airline's performance is highlighted
  - Reviewing load factor performance is helpful in that it shows which nonstop flights are more full than others to key business markets
  - The markets in the table are representative key cities and not meant to be an all inclusive set of cities additional cities will be reviewed for potential for scheduled charter service in this analysis

Market	Delta Airlines Load Factor
LGA	83.2%
LAX	93.5%
DFW	76.5%
DCA	76.9%
BWI	80.5%
PHL	83.2%
ORD	79.8%
DEN	91.5%
SFO	93.7%
EWR	83.8%
MDW	70.0%
DTW	82.2%
MSP	85.1%
RDU	81.4%
нои	77.1%
IAH	77.1%
STL	82.6%
PIT	79.6%
Total All Markets	82.6%

Source: Aviation DataMiner™ analysis of DOT/BTS Form 41 Traffic

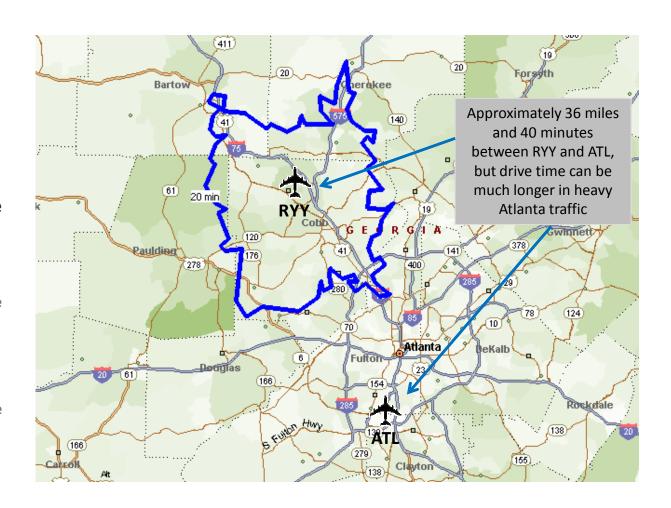


IV. Key City Passenger Demand by Zip Code in the Greater Atlanta Region

#### BoydGroup

#### Cobb County Airport – McCollum Field Service Area

- It is critical to define the projected service area at RYY in order to project possible demand for scheduled charter service
- The projected primary service area for passengers that may utilize RYY scheduled charter service is a 20 minute drive time from the airport
  - Cobb County has a population of over 700,000, which is similar to the population within a 20 minute drive time from RYY
  - It is approximately 40 minutes drive time from RYY to ATL, however, heavy Atlanta traffic can occasionally double the drive time
  - The convenience of possible scheduled charter service at RYY would be appealing to some business travelers for whom time truly is money

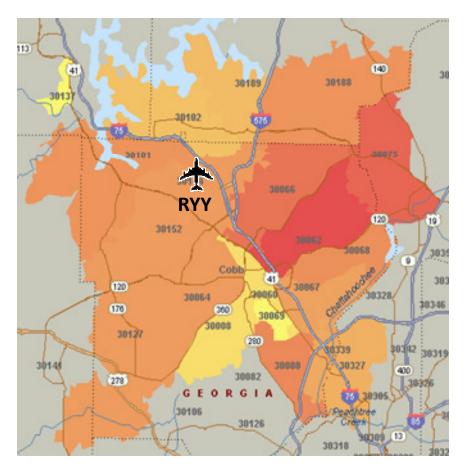




#### Atlanta Area Zip Codes Reviewed as Baseline for RYY Demand

- > The zip codes that were analyzed for the purpose of this study are as follows:
  - These zip codes coincide with a reasonable drive time to/from RYY and are considered the likely target market for scheduled charter service should it be implemented at RYY

30008	30102
30060	30127
30062	30137
30064	30144
30066	30152
30067	30188
30068	30189
30075	30327
30080	30339
30101	



### Heat Map of All Zip Codes Analyzed – Propensity to Travel By Zip Code



- Based on Airline Reporting Corporation (ARC) zip code based data, over 345,000 passengers originated trips from the service area under review
- The top zip codes where passengers originated from are as follows (complete list in Appendix):

2 30062: 35,410 originating passengers

**30075: 32,120 originating passengers** 

30066: 26,910 originating passengers

2 30080: 22,980 originating passengers

30188: 21,840 originating passengers

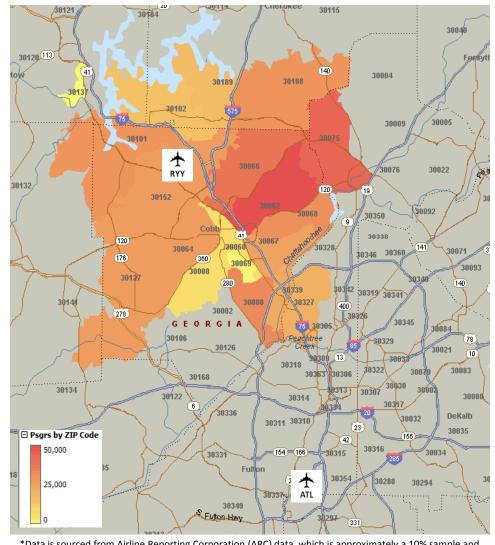
30068: 21,320 originating passengers

30101: 21,100 originating passengers

30064: 20,100 originating passengers

**30127: 19,710 originating passengers** 

**30152: 19,570 originating passengers** 



\*Data is sourced from Airline Reporting Corporation (ARC) data, which is approximately a 10% sample and has been grossed up to 100% for this study

#### Top Destination Markets by Zip Code From Within the RYY Service Area



- The table illustrates the top 20 O&D markets at ATL which generate the most originating passengers from the zip codes within the RYY service area
- The New York metro region, Washington, D.C. region, and Chicagoland are the top geographic areas where passengers from the RYY service area are traveling to/from
- Having the top geographic regions being major business markets demonstrates that there is potential for scheduled charter service with a high end product from RYY

ARC Zip Code Rank	Market	Total Annual Originating Passengers	Mileage To/From RYY
1	LGA	23,340	751
2	DEN	14,090	1,179
3	LAX	12,510	1,932
4	MIA	11,700	622
5	ORD	11,090	578
6	BOS	10,020	936
7	DFW	9,600	722
8	EWR	9,330	735
9	DCA	9,150	537
10	PHL	9,060	656
11	SFO	8,870	2,122
12	BWI	7,680	566
13	FLL	7,150	608
14	SEA	6,860	2,159
15	IAD	6,230	523
16	CLT	5,910	224
17	JFK	5,200	750
18	MDW	5,120	563
19	IAH	5,110	689
20	MSP	4,980	879

<sup>\*</sup>Excludes leisure markets including LAS, TPA, MCO, MSY, and SJU

<sup>\*\*</sup>Data is sourced from Airline Reporting Corporation (ARC) data, which is approximately a 10% sample and has been grossed up to 100% for this study

### Ranking of Potential Markets For Scheduled Charter Service at RYY



- The markets with the greatest potential for successful scheduled charter operations include the New York Metro area, Washington, D.C., South Florida, and Chicagoland
- Miami/Ft. Lauderdale combine to create South Florida, which is both a leisure and business destination
- Boston, Dallas-Ft. Worth, and Philadelphia round out the top markets with opportunity for successful scheduled charter operations at RYY
- A high end product scheduled at RYY has potential to attract high end business travelers (and potentially leisure travelers) to the destinations illustrated in the table

Market	Total Annual Originating Passengers
New York Metro*	37,870
Washington, D.C. Metro**	23,060
Miami/Ft. Lauderdale	18,850
Chicago Metro***	16,210
Boston	10,020
Dallas-Ft. Worth	9,600
Philadelphia	9,060

<sup>\*</sup>New York Metro includes LGA, EWR, and JFK

<sup>\*\*</sup>Washington, D.C. Metro includes DCA, IAD, and BWI

<sup>\*\*\*</sup>Chicago Metro includes ORD and MDW

### Passengers by Class of Service for the Top Potential Markets at RYY



- While the majority of passengers from the RYY service area purchase Discount Economy tickets, approximately 11% (4,000 passengers) of NYC travelers purchased higher fare tickets – this is the target market for RYY scheduled charter service
- The following are the % and corresponding number of passengers that purchased higher value tickets from the other top potential markets:

Washington, D.C.: 6.4% (1,473 pax)

**S. Florida: 8.1% (1,518 pax)** 

Chicago: 6.3% (1,022 pax)

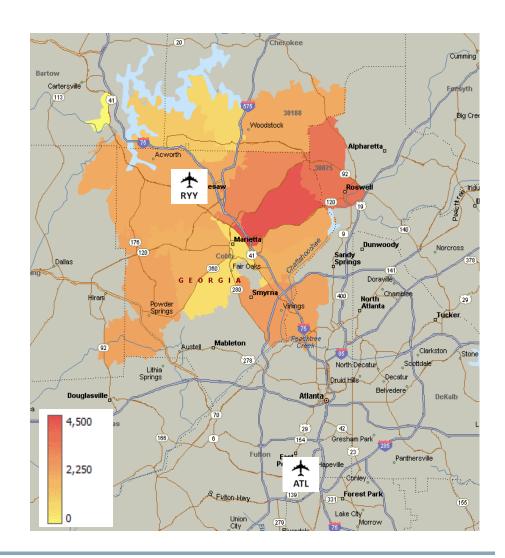
% Passengers by Class of Service						
Market	First	Business	Full Economy	Discount Economy	Other	Total
NYC	2.1%	4.9%	3.7%	67.1%	22.2%	100.0%
Washington, D.C.	0.9%	1.0%	4.5%	65.5%	28.1%	100.0%
S. Florida	2.6%	0.6%	4.9%	74.0%	17.9%	100.0%
Chicago	1.6%	1.8%	2.8%	73.8%	19.9%	100.0%

Total Passengers by Class of Service						
Market	First	Business	Full Economy	Discount Economy	Other	Total
NYC	805	1,856	1,405	25,393	8,411	37,870
Washington, D.C.	203	235	1,036	15,106	6,480	23,060
S. Florida	489	114	915	13,953	3,379	18,850
Chicago	266	298	458	11,963	3,225	16,210

#### Total Originating Passengers by Zip Code: New York Metro Region (LGA/EWR/JFK)



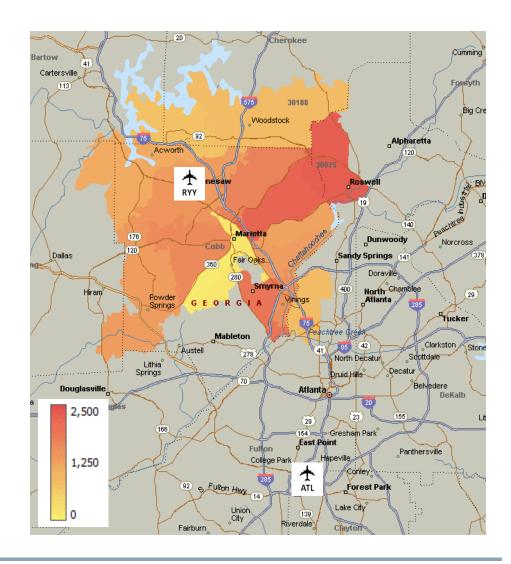
Zip Code	Total Annual Originating Passengers
30062	4,250
30075	3,430
30066	2,960
30080	2,520
30339	2,510
30327	2,180
30127	2,160
30144	2,120
30101	2,110
30152	2,090
30188	2,060
30068	2,060
30067	1,920
30064	1,830
30102	1,230
30189	960
30008	740
30060	720



## Total Originating Passengers by Zip Code: Washington, D.C. Metro Region (DCA/IAD/BWI)



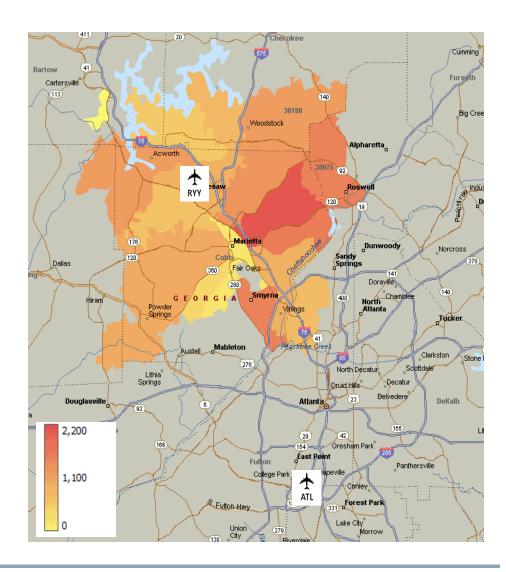
Zip Code	Total Annual Originating Passengers
30075	2,250
30062	2,190
30080	1,920
30066	1,700
30064	1,570
30339	1,530
30152	1,430
30067	1,400
30144	1,330
30127	1,320
30068	1,250
30101	1,100
30188	940
30189	930
30327	900
30102	790
30060	310
30008	200



# Total Originating Passengers by Zip Code: South Florida (MIA/FLL)



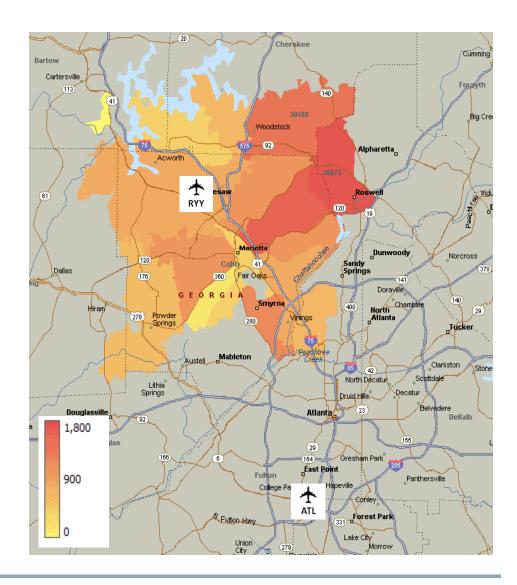
Zip Code	Total Annual Originating Passengers
30062	2,110
30068	1,570
30080	1,540
30075	1,510
30066	1,290
30188	1,170
30101	1,150
30064	1,050
30127	1,000
30067	960
30144	900
30339	890
30189	870
30327	760
30152	730
30102	570
30008	460
30060	290



## Total Originating Passengers by Zip Code: Chicago Metro Region (ORD/MDW)



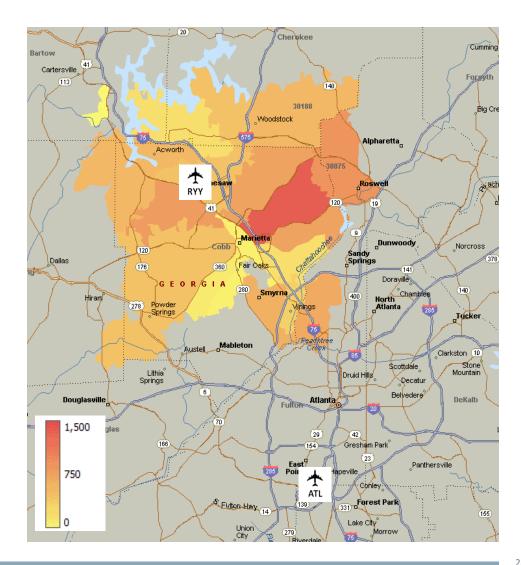
Zip Code	Total Annual Originating Passengers
30075	1,690
30062	1,590
30188	1,400
30080	1,160
30064	1,080
30066	1,080
30068	1,050
30152	840
30144	830
30067	830
30339	800
30101	790
30189	700
30327	680
30127	650
30060	410
30102	390
30008	220



# Total Originating Passengers by Zip Code: Boston (BOS)



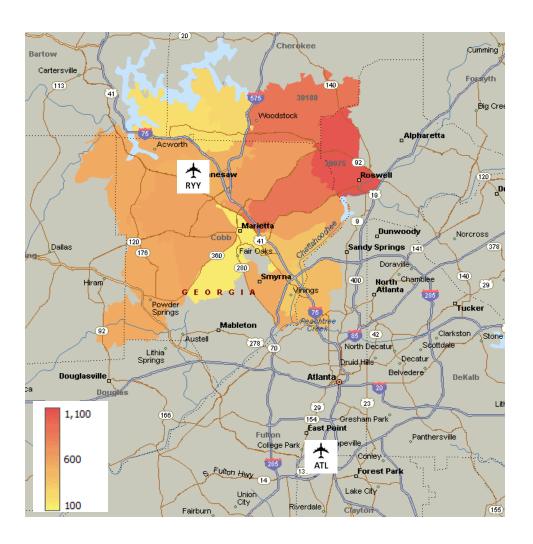
Zip Code	Total Annual Originating Passengers
30062	1,370
30075	860
30152	810
30066	780
30068	740
30327	710
30080	640
30101	580
30188	570
30064	490
30189	490
30127	490
30144	460
30339	370
30067	250
30102	200
30008	120
30060	80



## Total Originating Passengers by Zip Code: Dallas-Ft. Worth Metro Region (DFW)



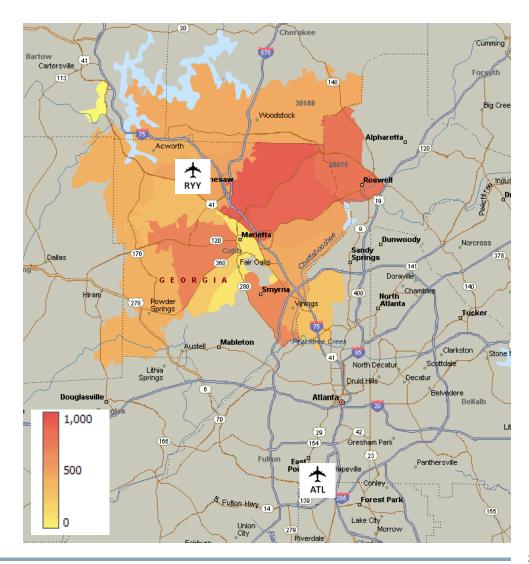
Zip Code	Total Annual Originating Passengers
30075	1,060
30062	880
30188	870
30066	630
30152	590
30068	590
30064	580
30101	560
30080	560
30127	550
30144	530
30327	460
30067	410
30339	370
30189	310
30102	260
30008	200
30060	190



# Total Originating Passengers by Zip Code: Philadelphia (PHL)



Zip Code	Total Annual Originating Passengers
30066	920
30062	860
30075	770
30064	680
30080	630
30144	520
30068	490
30339	460
30188	460
30102	440
30189	440
30067	440
30101	430
30127	430
30152	370
30327	300
30008	280
30060	120





V. Potential Obstacles to Scheduled Charter Operation at McCollum Field

### Number of Nonstop Flights at ATL to Key Business Markets CY 2013



- The table illustrates the average number of daily nonstops and the number of airline brands offering nonstops to several of the top business markets at ATL
- It is important to understand that schedule frequency and operational reliability of flights are of the utmost importance to the business traveler – the convenience factor
- While there are a significant number of existing nonstop flights at ATL to the top business markets, a premium product offering coupled with aggressive marketing of the charter flights to create awareness has the potential to capture some of the already existing passenger traffic at ATL

Market	Avg. Daily Nonstops	Number of Airlines	Airline Brands
LGA	28	3	DL, AA, WN/FL
LAX	14	2	DL, WN/FL
DFW	22	3	DL, AA, NK
DCA	20	2	DL, WN/FL
BWI	19	2	DL, WN/FL
PHL	20	3	DL, US, WN/FL
ORD	24	3	DL, AA, UA
DEN	15	4	DL, F9, UA, WN/FL
SFO	9	2	DL, WN/FL
EWR	16	2	DL, UA
MDW	15	2	DL, WN/FL
DTW	14	2	DL, WN/FL
MSP	15	2	DL, WN/FL
RDU	15	2	DL, WN/FL
HOU	14	2	DL, WN/FL
IAH	15	2	DL, UA
STL	11	2	DL, WN/FL
PIT	11	2	DL, WN/FL

#### Product Must be High Quality, But Cost Effective



- In order to attract the high end business traveler, any scheduled charter service is recommended to be an all first/business class configuration
- In addition to being a high end product, the cost to the passenger must be within reason for the business traveler to be interested, but not prohibitively high which would deter passengers
- > Furthermore, the cost to operate such flights for the prospective carrier(s) would need to be reasonable for them to be profitable, otherwise these flights will be unsuccessful







Intended for illustrative purposes only. There many high quality configurations of charter aircraft which would be suitable for RYY.



VI. Conclusion and Recommendations



#### Glossary of Terms



- > Psgr: Represents total origin and destination passengers at a specific airport
- **PDEW**: Passengers Daily Each Way
- Average Fare: Average fares are based on the value of all classes of tickets used for travel in a given market. Average fare calculations do not include frequent-flyer or zero fare tickets.
- Gross OW Fare: Average Gross One Way Fare includes all taxes and fees and is representative of what the consumers pays to travel
- Net OW Fare: Average Net One Way Fare excludes taxes and fees and is representative of the airline's share of the revenue
- Ticket Yield: This is a revenue measure and is representative of the average fare paid per mile
- **Routing Efficiency**: The difference between a nonstop flight between two destinations and having to connect between the two destinations therefore becoming less efficient
- Load Factor: A measurement of the utilization of the aircraft and is calculated by the number of revenue passenger miles traveled divided by the total available seat miles (the higher the load factor, the more full the flight)
- Airline Abbreviations: F9 = Frontier; WN/FL = Southwest/AirTran; DL = Delta; UA = United; AA = American; US = US Airways

## 51-100 Domestic Origin and Destination Markets at ATL YE Q2 2013



➤ The top 50 origin and destination markets at ATL were identified earlier in the report. The following are numbers 51 - 100 as of YE Q2 2013

Rank	Market	Psgr	PDEW	% Originating @ ATL	Gross OW Fare	% of Pax
51	PDX	161,660	221.5	45.2%	\$333.84	0.6%
52	HPN	160,369	219.7	47.1%	\$204.47	0.6%
53	CAK	153,669	210.5	38.8%	\$152.98	0.6%
54	SDF	146,049	200.1	50.1%	\$145.08	0.6%
55	FNT	126,814	173.7	40.9%	\$153.23	0.5%
56	SMF	122,343	167.6	43.3%	\$300.74	0.5%
57	ROC	117,649	161.2	45.4%	\$175.02	0.5%
58	CVG	116,940	160.2	43.1%	\$233.22	0.4%
59	DAL	115,915	158.8	50.3%	\$194.29	0.4%
60	PVD	99,534	136.3	46.6%	\$229.30	0.4%
61	HNL	92,721	127.0	72.8%	\$555.46	0.4%
62	OMA	92,613	126.9	41.1%	\$256.37	0.4%
63	ICT	90,887	124.5	39.5%	\$174.02	0.3%
64	OKC	81,405	111.5	46.6%	\$290.11	0.3%
65	GSO	80,944	110.9	46.5%	\$177.83	0.3%
66	SYR	75,976	104.1	47.7%	\$254.48	0.3%
67	PNS	75,892	104.0	58.5%	\$135.17	0.3%
68	SRQ	74,560	102.1	53.0%	\$173.39	0.3%
69	ALB	73,957	101.3	45.6%	\$279.62	0.3%
70	SJC	72,641	99.5	48.6%	\$291.14	0.3%
71	GRR	69,984	95.9	38.1%	\$267.94	0.3%
72	ABQ	68,472	93.8	53.7%	\$255.89	0.3%
73	LIT	68,227	93.5	41.5%	\$263.00	0.3%
74	PWM	66,082	90.5	53.7%	\$234.71	0.3%
75	TUL	64,442	88.3	43.8%	\$296.98	0.2%

Rank	Market	Psgr	PDEW	% Originating @ ATL	Gross OW Fare	% of Pax
76	ONT	63,770	87.4	40.7%	\$259.95	0.2%
77	BNA	62,909	86.2	63.2%	\$291.02	0.2%
78	CHS	57,304	78.5	55.5%	\$246.42	0.2%
79	MHT	55,207	75.6	37.2%	\$217.06	0.2%
80	STT	53,237	72.9	79.2%	\$308.91	0.2%
81	TUS	52,480	71.9	53.9%	\$282.78	0.2%
82	ACY	51,430	70.5	47.6%	\$70.56	0.2%
83	DSM	51,078	70.0	44.4%	\$256.31	0.2%
84	MDT	50,596	69.3	43.5%	\$281.47	0.2%
85	XNA	50,481	69.2	50.3%	\$364.48	0.2%
86	ANC	46,643	63.9	51.8%	\$469.76	0.2%
87	ELP	44,857	61.4	49.6%	\$300.61	0.2%
88	SAV	44,628	61.1	62.5%	\$181.27	0.2%
89	BTR	44,534	61.0	45.7%	\$240.25	0.2%
90	MSN	43,093	59.0	40.0%	\$251.65	0.2%
91	OAK	41,490	56.8	44.3%	\$262.81	0.2%
92	RNO	40,050	54.9	65.2%	\$291.87	0.2%
93	DAB	39,301	53.8	52.7%	\$176.29	0.2%
94	JAN	37,287	51.1	53.5%	\$335.88	0.1%
95	COS	37,109	50.8	47.7%	\$234.99	0.1%
96	PHF	36,747	50.3	44.1%	\$187.26	0.1%
97	GEG	36,699	50.3	45.3%	\$281.63	0.1%
98	MLB	35,834	49.1	50.9%	\$170.30	0.1%
99	MLI	32,855	45.0	46.2%	\$239.86	0.1%
100	ABE	32,217	44.1	39.5%	\$246.30	0.1%

Source: Aviation DataMiner™ analysis of DOT/BTS O&D Survey

## Top 50 ATL Passenger Markets By Zip Code From Within RYY Service Area – YE Q2 2013



ARC Zip Code Rank	BTS O&D Rank	Market	30008	30060	30062	30064	30066	30067	30068	30075	30080	30101	30102	30127	30137	30144	30152	30189	30327	30339	30188	Total
1	1	LGA	500	480	2,600	1,130	1,810	1,060	1,160	2,480	1,400	1,370	590	1,480	20	1,130	1,310	510	1,530	1,510	1,270	23,340
2	10	DEN	220	370	1,440	1,040	1,320	640	870	1,260	730	680	430	550	0	800	740	650	700	630	1,020	14,090
3	14	LAS	340	200	1,230	720	1,070	420	390	770	1,000	1,310	690	830	50	560	810	760	340	660	1,010	13,160
4	3	LAX	220	280	1,270	730	1,040	560	890	990	600	710	650	990	0	680	910	390	560	500	540	12,510
5	19	MIA	310	220	1,260	660	750	570	1,020	870	870	670	310	670	10	640	490	450	580	630	720	11,700
6	9	ORD	110	230	1,070	840	770	570	660	1,210	850	460	280	450	20	540	640	400	570	560	860	11,090
7 8	6 4	BOS DFW	120 200	80 190	1,370 880	490 580	780 630	250 410	740 590	860 1,060	640 560	580 560	200	490 550	10 0	460 530	810 590	490 310	710 460	370 370	570 870	10,020 9,600
9	11	MCO	160	150	1,130	720	590	350	490	1,060	500	860	290	640	0	270	530	490	350	370	620	9,570
10	22	PHX	100	160	920	740	690	590	490	710	610	680	350	710	40	660	570	260	360	400	380	9,420
11	13	EWR	120	100	1,040	460	850	580	620	590	560	550	470	400	0	550	540	250	380	690	580	9,330
12	5	DCA	140	160	750	670	580	590	530	910	630	440	280	370	0	530	670	250	480	820	350	9,150
13	8	PHL	280	120	860	680	920	440	490	770	630	430	440	430	20	520	370	440	300	460	460	9,060
14	12	SFO	80	140	1,040	420	760	470	600	1,030	700	380	260	320	0	430	550	270	440	540	440	8,870
15	7	BWI	30	70	680	470	600	410	330	720	550	460	320	630	0	500	460	490	280	320	360	7,680
16	2	FLL	150	70	850	390	540	390	550	640	670	480	260	330	20	260	240	420	180	260	450	7,150
17	20	SEA	190	160	820	390	590	460	460	500	390	270	160	440	0	390	510	330	190	270	340	6,860
18	30	IAD	30	80	760	430	520	400	390	620	740	200	190	320	0	300	300	190	140	390	230	6,230
19 20	43	CLT	100	80	510	380	580	170	420	440	380	460	240	570	0	300	280	140	180	300	380	5,910
20	16 41	TPA JFK	60 120	60 140	380 610	260 240	310 300	180 280	290 280	550 360	370 560	370 190	100 170	380 280	0	330 440	350 240	410 200	190 270	220 310	420 210	5,230 5,200
22	15	MDW	110	180	520	240	310	260	390	480	310	330	110	200	0	290	200	300	110	240	540	5,120
23	26	IAH	100	70	710	150	410	250	570	400	170	250	120	530	0	120	460	240	100	190	270	5,110
24	18	MSP	90	50	640	460	310	250	370	570	430	310	170	200	0	340	140	220	80	110	240	4,980
25	44	SJU	70	190	300	280	410	440	100	270	380	400	210	440	10	190	260	100	50	240	340	4,680
26	24	MSY	110	30	380	230	380	150	300	400	360	240	130	140	0	230	230	90	190	300	250	4,140
27	17	DTW	110	110	370	150	250	200	230	450	310	170	210	230	0	280	270	80	100	160	450	4,130
28	38	SAN	100	40	390	340	280	140	300	240	270	210	100	270	0	190	320	180	250	150	350	4,120
29	27	PIT	40	40	450	210	330	190	220	490	190	240	80	140	0	200	300	160	130	320	260	3,990
30	28	PBI	40	50	650	120	330	90	330	260	240	280	160	140	0	220	250	100	270	190	230	3,950
31 32	40 23	SLC	20 40	10	230 300	210 190	210 250	230 80	280 190	250	140	410 250	220	110 200	40 0	270 560	220	160	460 40	160	240 270	3,870 3,740
33	31	SAT	60	60 80	340	210	380	180	380	240 350	210 170	250	130 150	210	0	150	120	330 110	380	170 40	210	3,740
34	21	RDU	20	70	360	220	320	190	150	360	340	200	140	130	0	170	100	160	200	130	160	3,420
35	25	STL	40	60	350	120	180	160	230	370	210	200	60	230	20	150	200	150	40	200	230	3,200
36	32	IND	30	50	250	140	330	220	250	140	190	140	160	220	0	170	240	140	40	200	130	3,040
37	42	BUF	120	70	250	140	230	110	230	270	390	60	140	180	0	170	70	120	10	280	190	3,030
38	47	SNA	50	40	510	120	250	170	150	300	150	180	80	80	0	240	140	170	80	80	130	2,920
39	29	MCI	30	0	510	200	150	80	90	290	150	250	80	120	0	190	150	160	120	130	210	2,910
40	33	RIC	30	20	270	190	280	70	120	450	150	200	100	90	0	170	130	50	100	160	150	2,730
41	35	MKE	60	10	210	170	230	190	140	370	100	150	70	50	20	120	70	140	140	110	310	2,660
42	37	AUS	20	70	340	190	120	70	50	230	220	250	40	90	0	180	100	80	130	150	220	2,550
43 44	34 61	JAX HNL	30 20	20 40	190 170	140 230	130 90	100 90	150 140	280 350	170 120	200	90 50	170 330	0	210 90	120 180	90	90 60	140 130	200 90	2,520 2,510
45	36	CMH	60	10	130	50	220	140	120	400	170	210	40	140	0	130	60	70	40	240	170	2,510
46	52	HPN	20	10	300	120	150	170	70	190	130	150	100	110	0	170	140	50	180	170	170	2,400
47	51	PDX	0	80	200	90	240	110	80	200	100	250	50	30	10	140	180	130	110	180	180	2,360
48	48	CLE	30	110	260	100	210	120	60	140	150	110	40	180	0	150	30	200	170	50	120	2,230
49	45	ORF	60	10	100	110	130	10	150	310	180	220	70	170	0	100	60	90	100	100	90	2,060
50	39	MEM	20	10	110	70	170	160	90	430	190	100	90	110	0	80	110	90	50	10	130	2,020
		•							•						•	•			•			

Source: Airline Reporting Corporation (ARC) data – ATL Originating Passengers Only

### 51 -100 ATL Passenger Markets By Zip Code From Within RYY Service Area – YE Q2 2013

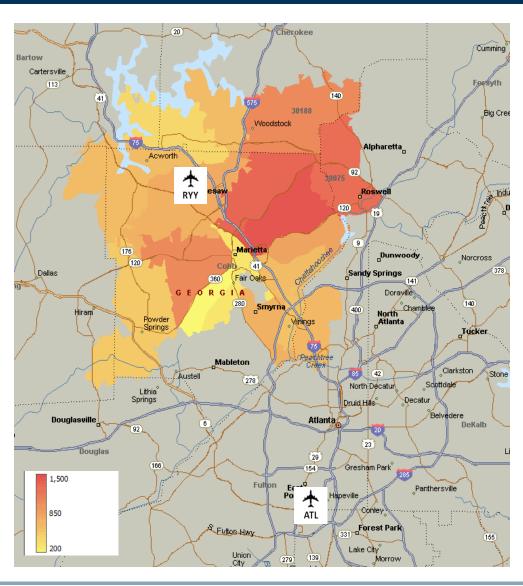


ARC Zip Code Rank	BTS O&D Rank	Market	30008	30060	30062	30064	30066	30067	30068	30075	30080	30101	30102	30127	30137	30144	30152	30189	30327	30339	30188	Total
51	49	BDL	30	30	120	170	240	50	110	200	220	60	50	30	0	190	110	90	40	100	150	1,990
52	50	RSW	20	10	320	70	180	100	110	240	60	180	60	80	0	120	70	60	110	10	150	1,950
53	46	DAY	30	30	110	110	120	90	120	420	90	70	10	70	0	60	230	70	20	80	180	1,910
54	56	SMF	0	0	110	230	70	70	190	40	70	170	50	40	0	70	140	100	50	50	220	1,670
55	57	ROC	10	0	160	50	110	70	50	90	150	50	70	150	0	90	30	110	80	130	220	1,620
56	60	PVD	10	30	140	40	150	50	120	200	140	130	130	60	0	40	50	30	40	120	90	1,570
57	54	SDF	0	30	40	90	80	50	370	120	220	40	50	40	0	30	80	0	80	50	100	1,470
58 59	53 55	CAK	30 0	10 50	120	30 40	80	70 10	90 70	330 90	30	90	60 90	110	0	100 50	50 60	50 80	20	20 30	130 120	1,420
60	70	FNT	30	30	140 170	100	100 80	30	40	100	50 80	10 30	40	190 20	0	100	90	10	60	120	40	1,240 1,170
61	69	ALB	20	30	50	120	100	20	70	130	30	20	70	70	0	70	70	80	50	70	80	1,170
62	66	SYR	60	0	140	60	130	10	0	100	50	60	110	130	0	70	40	30	50	40	40	1,130
63	74	PWM	0	30	130	90	90	70	80	120	60	60	30	140	0	20	110	30	10	0	20	1,090
64	86	ANC	20	30	100	40	50	0	70	40	70	150	180	90	0	20	70	30	0	20	80	1,060
65	80	STT	10	0	80	120	150	60	80	140	60	50	30	20	0	50	60	20	20	20	70	1,040
66	62	OMA	60	10	90	40	20	20	50	140	70	30	0	30	0	110	90	50	30	50	100	990
67	92	RNO	0	10	100	30	60	30	50	120	90	20	30	30	0	120	30	70	70	80	10	950
68	90	MSN	0	10	190	30	80	20	50	0	100	110	10	10	0	40	70	30	50	70	70	940
69	58	CVG	0	20	130	20	60	20	110	140	40	10	0	50	0	80	80	10	70	70	20	930
70	76	ONT	0	20	80	80	60	40	40	40	50	70	20	160	0	60	120	20	0	10	30	900
71	67	PNS	10	20	50	80	30	20	50	50	70	60	10	60	0	20	30	110	20	40	140	870
72	64	OKC	10	10	60	30	50	30	90	80	50	140	20	70	0	50	0	40	40	20	40	830
73	65	GSO	0	10	80	30	90	10	50	60	40	60	20	60	0	50	110	10	60	30	50	820
74	72	ABQ	0	10	10	30	100	30	30	180	30	50	30	70	0	50	40	50	30	20	50	810
75	84	MDT	0	40	20	150	40	40	80	90	0	30	70	20	0	80	20	10	20	20	80	810
76	75	TUL	30	0	80	0	70	10	60	130	40	70	20	70	0	60	60	10	0	10	50	770
77	68	SRQ	0	30	110	50	30	50	20	90	60	10	10	80	0	80	0	30	40	20	20	730
78	71	GRR	0	0	100	60	50	10	100	20	40	40	20	0	0	60	20	60	10	70	60	720
79	63	ICT	10	30	20	50	40	30	80	80	20	40	60	40	0	60	40	20	10	10	70	710
80 81	81 79	TUS	30 0	0	30 210	90 20	40 20	20 50	30 20	20 50	60 40	70 60	30 0	80 30	0	20	60 20	10 10	70 0	20 20	20 120	700 690
82	87	ELP	10	0	40	20	130	0	50	20	90	70	50	0	0	0	80	60	10	40	20	690
83	85	XNA	10	0	120	0	20	10	30	100	100	20	0	10	0	100	30	0	30	40	50	670
84	73	LIT	0	0	70	20	80	30	20	30	30	20	40	0	0	50	50	10	100	80	30	660
85	59	DAL	30	10	80	20	80	30	20	20	30	30	20	40	0	30	40	20	110	10	10	630
86	89	BTR	10	20	20	20	210	20	30	30	60	20	0	90	0	20	20	40	0	0	20	630
87	78	CHS	10	10	40	40	40	10	50	70	40	30	40	10	0	20	50	40	80	20	20	620
88	83	DSM	0	20	20	20	150	10	90	20	30	0	10	40	0	20	20	10	0	70	60	590
89	97	GEG	40	30	80	30	70	0	90	10	10	10	30	0	0	20	40	20	10	10	90	590
90	95	cos	0	0	60	30	10	30	10	60	10	60	10	50	0	100	30	30	0	20	60	570
91	77	BNA	0	0	50	40	90	20	60	50	30	90	20	40	0	10	0	30	10	0	0	540
92	93	DAB	10	0	50	10	20	30	30	10	30	50	0	70	0	60	10	60	0	0	40	480
93	96	PHF	10	0	30	40	30	0	40	10	50	10	0	30	0	10	30	20	50	40	80	480
94	100	ABE	0	10	30	0	40	40	0	40	20	10	130	10	0	10	20	20	20	10	40	450
95	94	JAN	10	0	50	0	20	20	20	10	0	110	0	80	0	0	60	20	10	0	0	410
96	99	MLI	10	0	50	30	20	30	0	10	10	0	40	20	0	10	0	20	10	20	60	340
97	98	MLB	10	0	70	0	10	10	0	70	10	0	20	20	0	0	40	10	20	20	20	330
98	91	OAK	10	0	0	0	10	0	80	10	10	0	0	20	0	50	10	20	10	0	0	230
99 100	88 82	SAV	0	0	0	0	30	10	30	20	10	0	40 0	10	0	20	0	20	10	0	10 0	210
100	Total	ACT	5,700	5,760	35,410	20,100	26,910	15,890	21,320	32,120	22,980	21,100	11,960	19,710	290	19,060	19,570	13,930	14,700	<b>17,110</b>	21,840	345,460
- A inlin	TULAI		5,700	3,700		C) -14			21,320	32,120	22,300	21,100	11,500	15,710	250	15,000	13,370	13,730	14,700	17,110	21,040	343,400

Source: Airline Reporting Corporation (ARC) data – ATL Originating Passengers Only

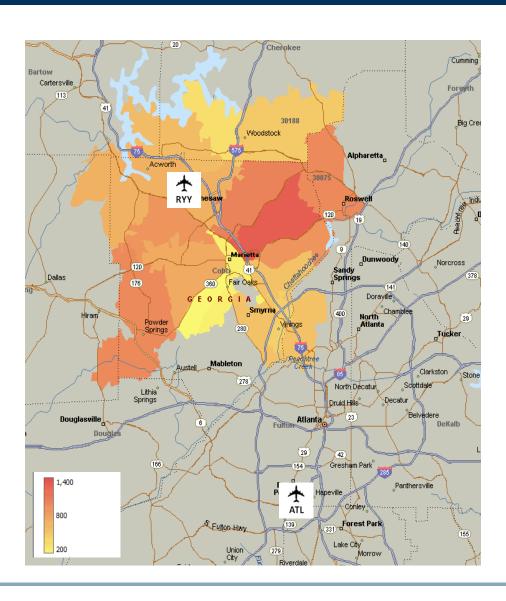
# Total Originating Passengers by Zip Code: Denver (DEN)





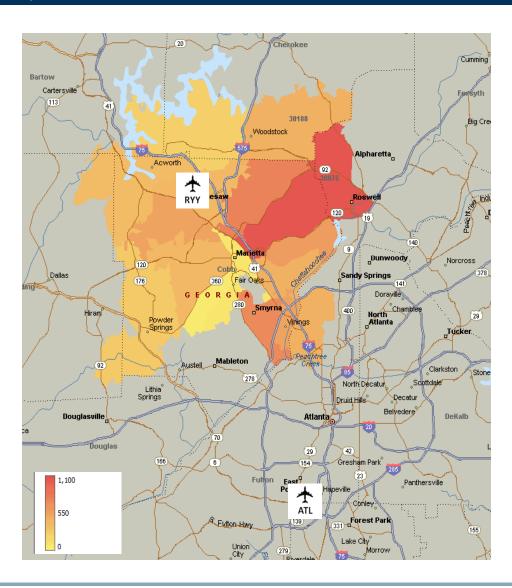
#### Total Originating Passengers by Zip Code: Los Angeles (LAX)





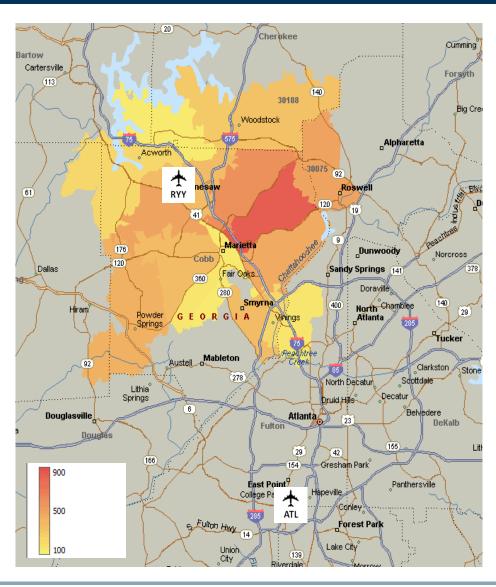
# Total Originating Passengers by Zip Code: San Francisco (SFO)





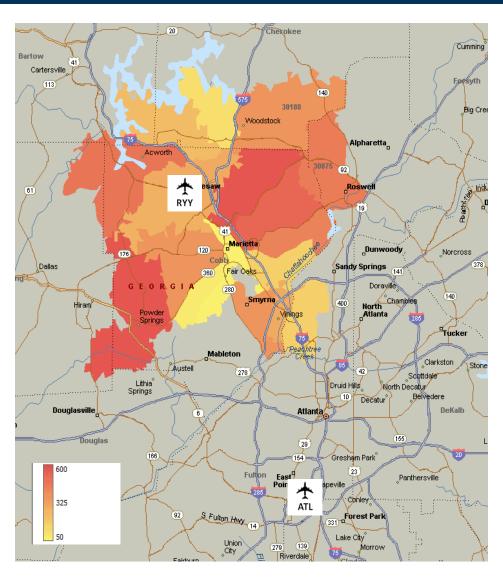
# Total Originating Passengers by Zip Code: Seattle (SEA)





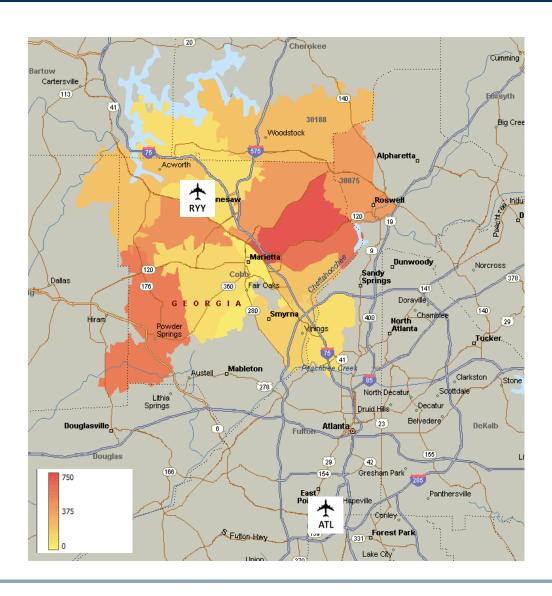
# Total Originating Passengers by Zip Code: Charlotte (CLT)





# Total Originating Passengers by Zip Code: Houston (IAH)





# Total Originating Passengers by Zip Code: Minneapolis (MSP)



