

# Transportation



***Introduction: Transportation***

***(Part of the Environment, Transportation and Planning Series Section)***

Growing population trends in the towns have created a greater need for transportation in both the metropolitan area and surrounding suburbs. The 18 minute mean commute time in Syracuse is lower than the 25 minute US or 31 minute NYS mean commute times (American Community Survey, 2011). The Central New York Regional Transportation Authority's CENTRO bus system is the primary source of public transportation for county residents. Public transportation helps revitalize business districts, allows employers to tap into larger workforces, builds economic revenues and increases property values (American Public Transportation Association (APTA), 2007, p. 3). Given the 5% increase in population in the town, the suburban population in Onondaga County is traveling by car alone to work, but has not had a significant impact on vehicle fatalities which are 5.6 per 100,000 population, about half of the 10.4 rate of the US (American Community Survey, 2011). Hancock International Airport and the William F. Walsh Regional Transportation Center are important transportation hubs for the East Coast and link Onondaga County to other domestic markets across the United States.



1. 63% of working-age Syracuse residents live near a transit stop.

### City Transit Coverage 2011

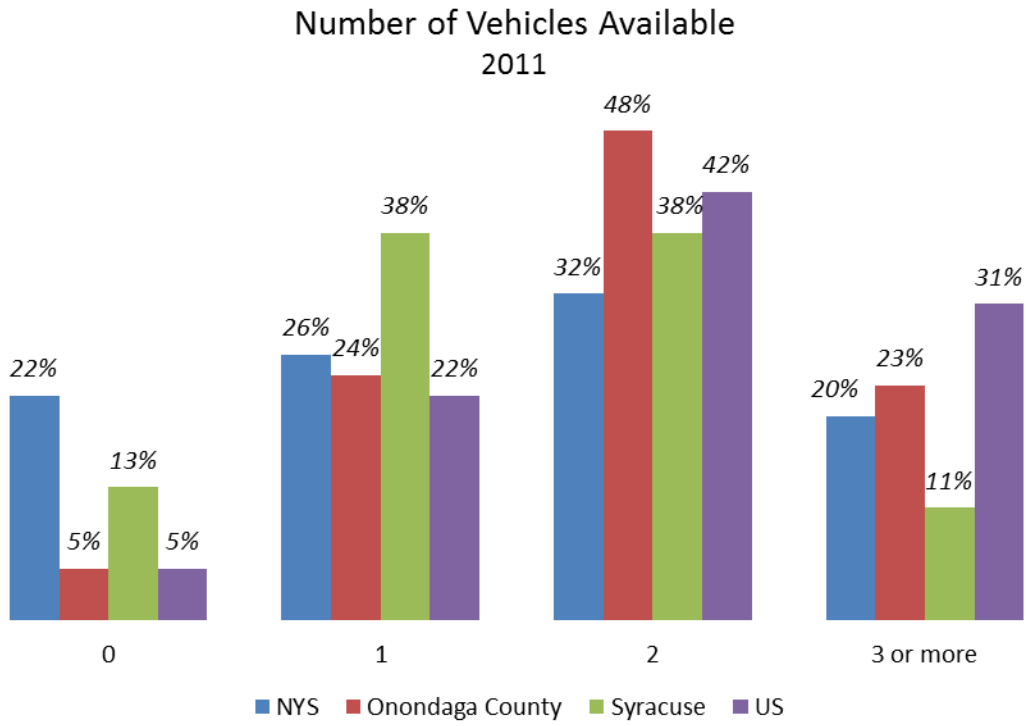


Source: Brookings Institute, "Missed Opportunity" Report  
[http://www.brookings.edu/metro/jobs\\_and\\_transit/metro\\_profiles.aspx](http://www.brookings.edu/metro/jobs_and_transit/metro_profiles.aspx)

Comment: The data show the share of working-age population that live near a transit stop.

Transit Coverage by City, 2011	
Cities	Percent Coverage
Albany	64%
Buffalo	78%
Rochester	58%
Syracuse	63%

2. 48% of the working population, aged 16 and older, in Onondaga County, has 2 vehicles available in 2011, higher than the state or nation.

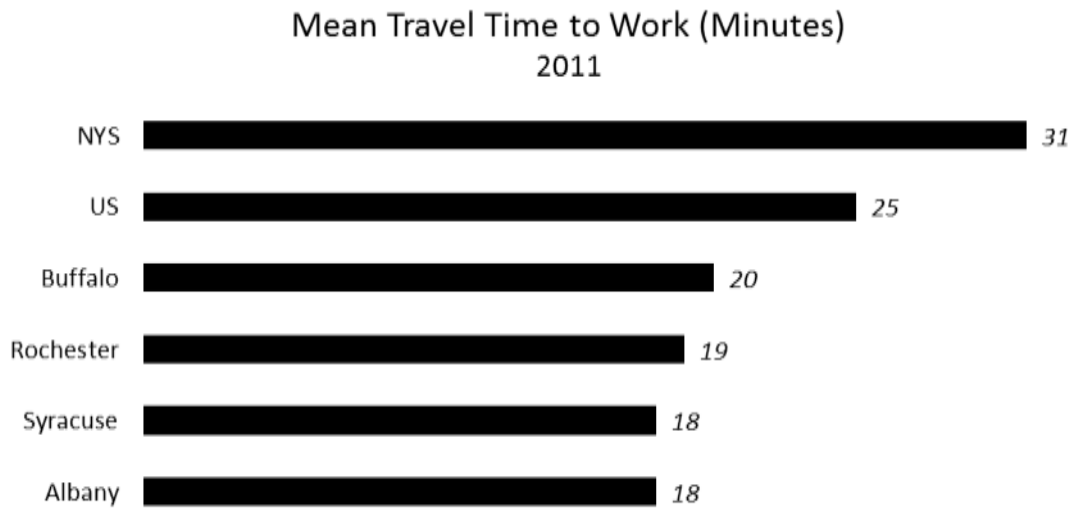


Source: 2011 American Community Survey 1-Year Estimates

[http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_11\\_1YR\\_S0801&prodType=table](http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_S0801&prodType=table)

Number of Vehicles Available, 2011				
	0	1	2	3 or more
Syracuse	13%	38%	38%	11%
Onondaga County	5%	24%	48%	23%
NYS	22%	26%	32%	20%
US	5%	22%	42%	31%

- The Syracuse mean travel time is 18 minutes, below both the state and national mean times.



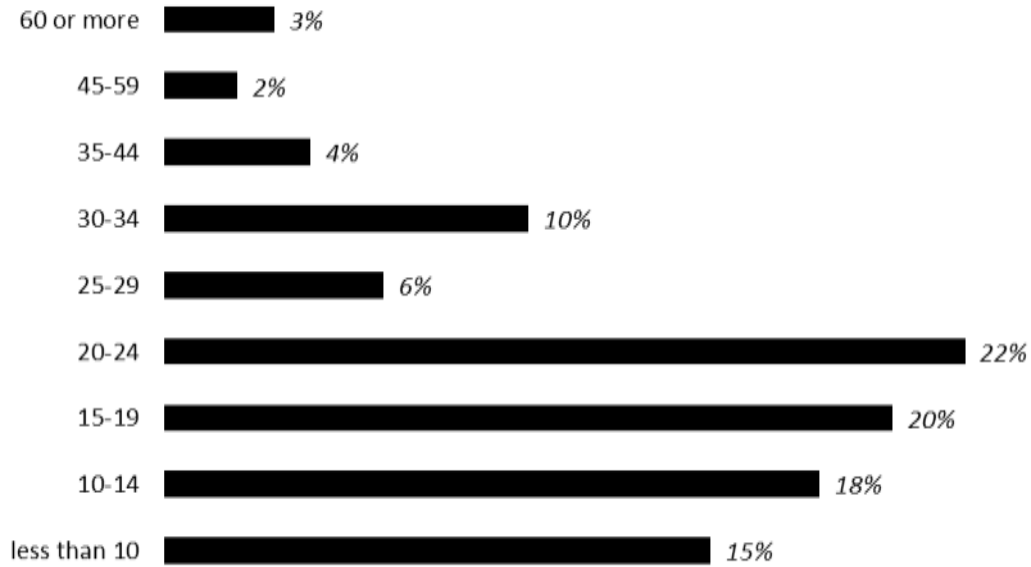
Source: 2007-11 American Community Survey 5 Year Estimates

<http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=bkmm>

Mean Travel Time to Work 2011	
Location	Minutes
Albany	18
Buffalo	20
Rochester	19
Syracuse	18
NYS	31
US	25

4. 44% of workers in Onondaga County commuted 15-24 minutes in 2011.

### Onondaga County Commute Time in Minutes 2011

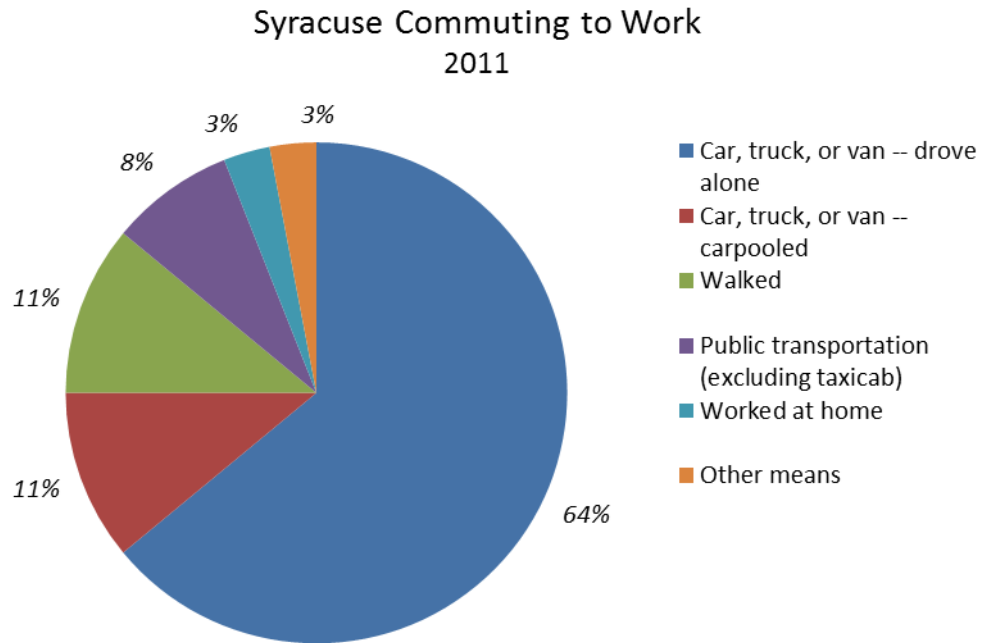


Source: U.S. Census Bureau, 2011 American Community Survey 2011 Estimates

[http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_11\\_1YR\\_S0801&prodType=table](http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_1YR_S0801&prodType=table)

Onondaga County Commute Time 2011 Estimate	
Minutes	Percent of Commuters
less than 10	15%
10-14	18%
15-19	20%
20-24	22%
25-29	6%
30-34	10%
35-44	4%
45-59	2%
60 or more	3%

5. 64% of Syracuse workers, aged 16 and older, drove to work alone in 2011.

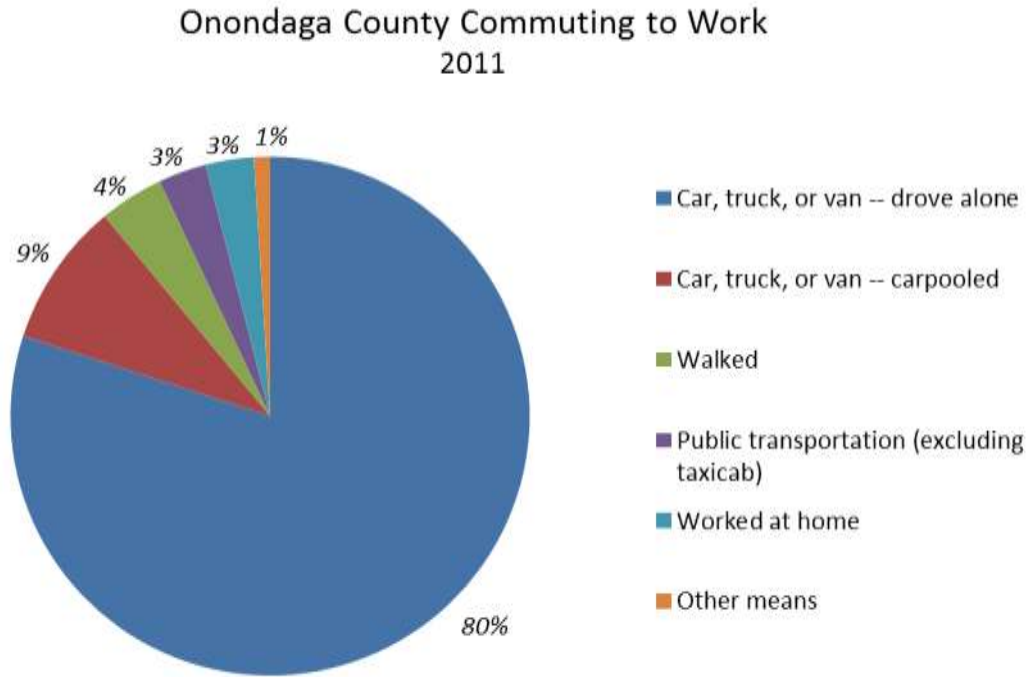


Source: American Community Survey 2007-11 5 Year Estimates

[http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_11\\_5Y\\_R\\_DP03](http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5Y_R_DP03)

Syracuse Commuting to Work, 2011		
Type of Commute	Number of Workers	Percent of Workers
Car, truck, or van -- drove alone	37,056	64%
Car, truck, or van -- carpoled	6,480	11%
Walked	6,224	11%
Public transportation (excluding taxicab)	4,728	8%
Worked at home	1,692	3%
Other means	1,499	3%
Total	57,679	100%

6. 80% of Onondaga County workers, aged 16 and older, drove to work alone in 2011



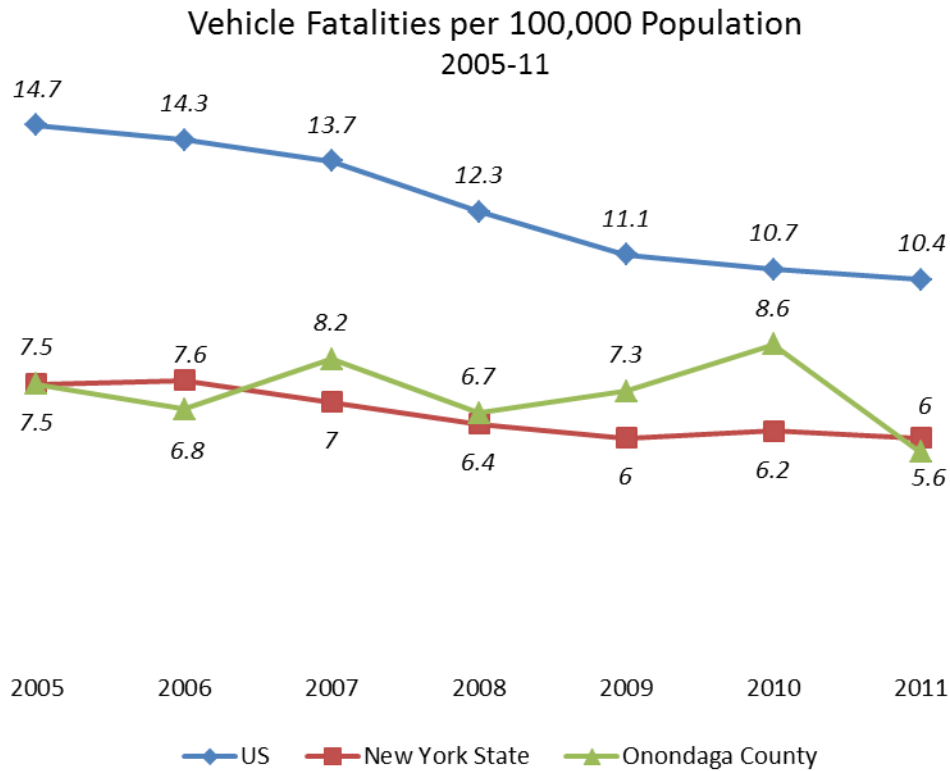
Source: American Community Survey 2007-11 5 Year Estimates

[http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\\_11\\_5Y\\_R\\_DP03](http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_11_5Y_R_DP03)

Onondaga County Commuting to Work, 2011		
Type of Commute	Number of Workers	Percent of Workers
Car, truck, or van -- drove alone	172,105	80%
Car, truck, or van -- carpooled	18,719	9%
Walked	8,953	4%
Public transportation (excluding taxicab)	6,216	3%
Worked at home	6,946	3%
Other means	3,014	1%
Total	215,953	100%



7. Onondaga County vehicle fatalities decreased by 1 per 100,000 population between 2010-11.

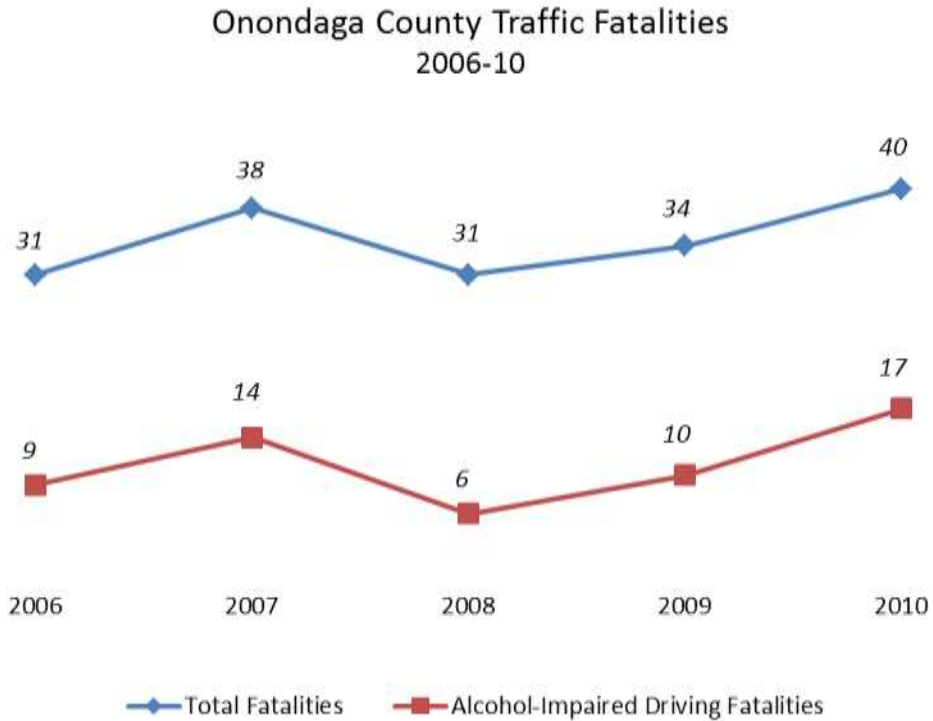


Source: Federal Highway Administration, Fatality Analysis Reporting System, 2005-11  
<http://www.fars.nhtsa.dot.gov/>

	2005	2006	2007	2008	2009	2010	2011
Onondaga County	7.5	6.8	8.2	6.7	7.3	8.6	5.6
New York State	7.5	7.6	7	6.4	6	6.2	6
US	14.7	14.3	13.7	12.3	11.1	10.7	10.4

Mean		Median	
Onondaga County	7.2	Onondaga County	7.3
New York State	6.7	New York State	6.4
US	12.5	US	12.3

8. Onondaga County traffic fatalities of all types increased by 9 between 2006-10.

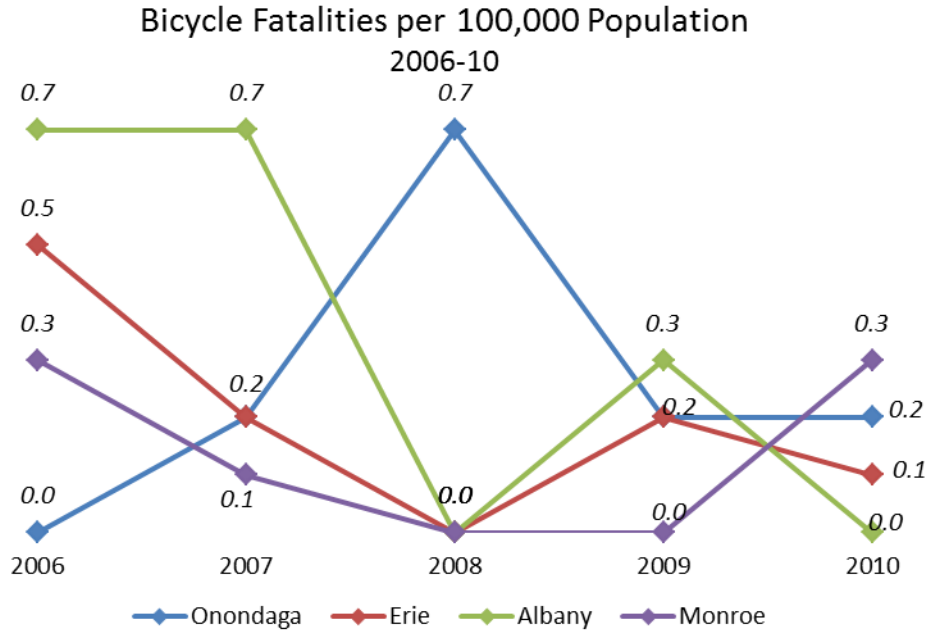


Source: National Highway Traffic Safety Administration  
[http://www-nrd.nhtsa.dot.gov/departments/nrd-30/ncsa/STSI/36\\_NY/2010/Counties/New%20York\\_Onondaga%20County\\_2010.HTM](http://www-nrd.nhtsa.dot.gov/departments/nrd-30/ncsa/STSI/36_NY/2010/Counties/New%20York_Onondaga%20County_2010.HTM)

Onondaga Traffic Fatalities, 2006-10					
	2006	2007	2008	2009	2010
Total Fatalities	31	38	31	34	40
Alcohol-Impaired Driving Fatalities	9	14	6	10	17
Single Vehicle Crash Fatalities	22	22	19	22	32
Large Truck Involved Crash Fatalities	3	5	2	1	5
Speeding Involved Crash Fatalities	10	9	6	7	9
Rollover Involved Crash Fatalities	5	14	6	2	8
Roadway Departure Involved Crash Fatalities	18	19	13	13	22
Intersection Related Crash fatalities	5	8	7	7	8
Passenger Car Occupant Fatalities	15	16	9	10	19
Light Truck Ocupant Fatalities	4	10	6	6	8
Motorcyclist Fatalities	4	5	6	8	4
Pedestrian Fatalities	6	5	6	8	3
Bicyclist Fatalities	0	1	3	1	1

Comment: Some types overlap each other.

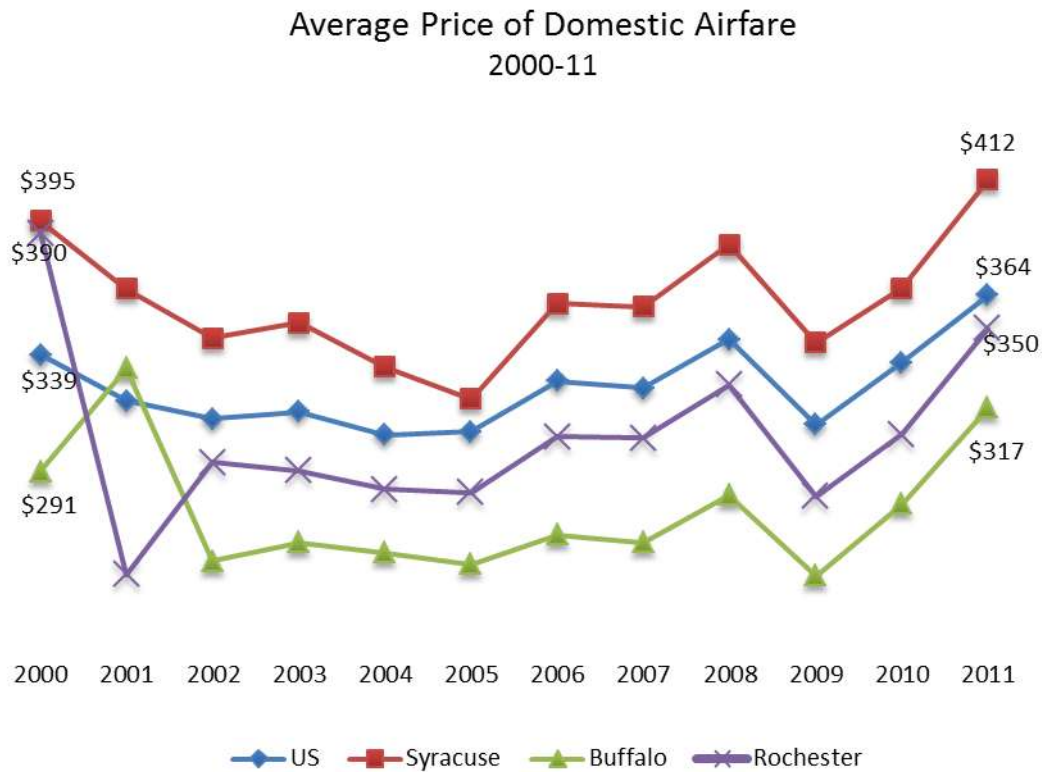
9. Bicycle fatalities in Onondaga County decreased by .5 per 100,000 between 2008-10.



Source: National Highway Traffic Safety Administration [http://www-nrd.nhtsa.dot.gov/departments/nrd30/ncsa/STSI/36\\_NY/2010/Counties/New%20York\\_Onondaga%20County\\_2010.HTM](http://www-nrd.nhtsa.dot.gov/departments/nrd30/ncsa/STSI/36_NY/2010/Counties/New%20York_Onondaga%20County_2010.HTM)

County Bicycle Fatalities per 100,000 Population, 2006-10					
	2006	2007	2008	2009	2010
Albany	0.7	0.7	0.0	0.3	0.0
Erie	0.5	0.2	0.0	0.2	0.1
Onondaga	0.0	0.2	0.7	0.2	0.2
Monroe	0.3	0.1	0.0	0.0	0.3

10. Syracuse had a 4% increase in average price of domestic airfare between 2000-11.



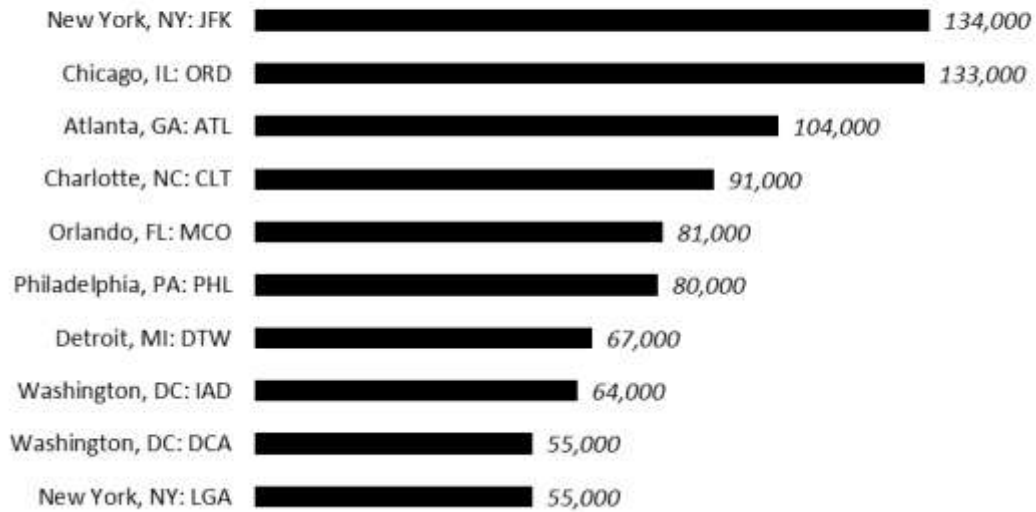
Source: US Bureau of Transportation Statistics, Airline Origin & Destination Survey, 2000-11  
[http://www.transtats.bts.gov/DatabaseInfo.asp?DB\\_ID=125&DB\\_Name=Airline%20Origin%20and%20Destination%20Survey%20\(DB1B\)](http://www.transtats.bts.gov/DatabaseInfo.asp?DB_ID=125&DB_Name=Airline%20Origin%20and%20Destination%20Survey%20(DB1B))

Average Price of Domestic Airfare 2000-11												
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Buffalo	\$291	\$334	\$253	\$261	\$257	\$252	\$264	\$261	\$281	\$247	\$277	\$317
Rochester	\$390	\$247	\$294	\$291	\$283	\$282	\$305	\$305	\$327	\$280	\$306	\$350
Syracuse	\$395	\$367	\$346	\$353	\$334	\$321	\$361	\$359	\$385	\$344	\$367	\$412
US	\$339	\$320	\$313	\$315	\$306	\$307	\$328	\$325	\$346	\$310	\$336	\$364

Mean		Median	
Buffalo	\$275	Buffalo	\$263
Rochester	\$305	Rochester	\$299
Syracuse	\$362	Syracuse	\$360
US	\$326	US	\$322

11. JFK Airport in NYC NY was the number one passenger destination served by Syracuse Hancock International Airport in 2012.

**Top 10 Passenger Destination Airports from Hancock International Airport  
2012**



Source: Research and Innovative Technology Administration (RITA), Bureau of Transportation Statistics

[http://www.transtats.bts.gov/airports.asp?pn=1&Airport=SYR&Airport\\_Name=Syracuse, NY: Syracuse Hancock International&carrier=FACTS](http://www.transtats.bts.gov/airports.asp?pn=1&Airport=SYR&Airport_Name=Syracuse, NY: Syracuse Hancock International&carrier=FACTS)

Top 10 Destination Airports from Hancock International Airport 2012	
Airport	Number of Passengers
Atlanta, GA: ATL	104,000
Charlotte, NC: CLT	91,000
Chicago, IL: ORD	133,000
Detroit, MI: DTW	67,000
New York, NY: JFK	134,000
New York, NY: LGA	55,000
Orlando, FL: MCO	81,000
Philadelphia, PA: PHL	80,000
Washington, DC: DCA	55,000
Washington, DC: IAD	64,000

Comment: U.S. Airports only