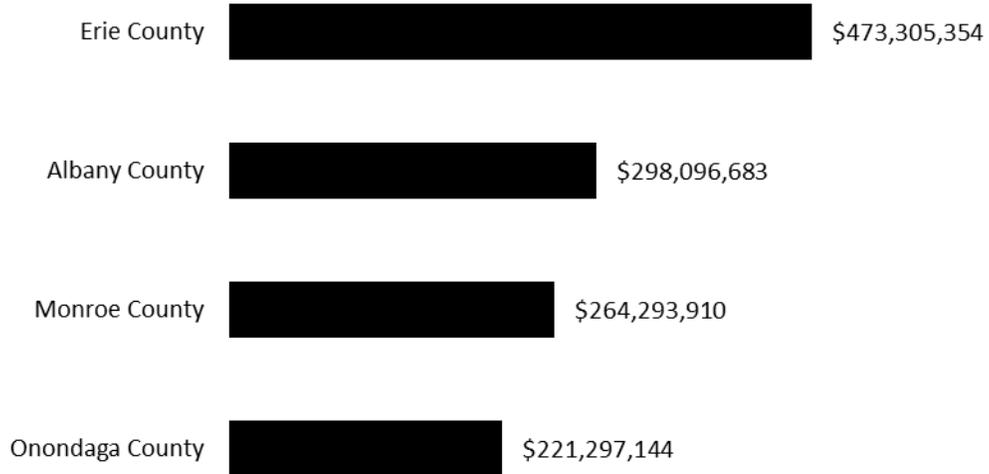


1. Onondaga County had the smallest tax margin of four upstate counties in 2011.

**Tax Margin
2011**



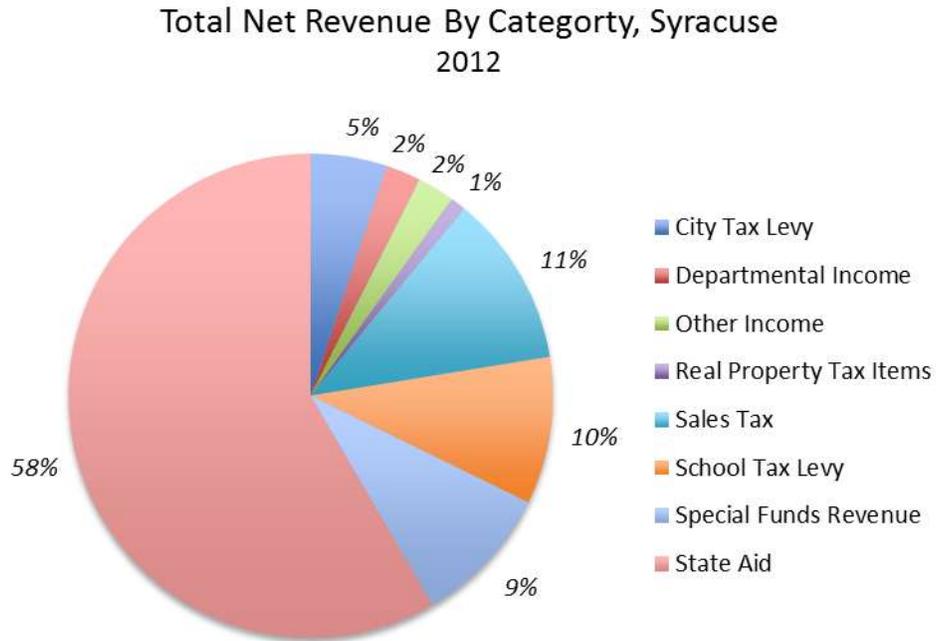
Source: New York State Office of the Comptroller, Open Book New York Database – Local Government Spending, 2011

<http://wwe1.osc.state.ny.us/transparency/LocalGov/LocalGovResultsCompare.cfm>

Tax Margin, 2011			
Albany County	Erie County	Monroe County	Onondaga County
\$ 298,096,683	\$ 473,305,354	\$ 264,293,910	\$ 221,297,144

Mean	Median
\$314,248,273	\$281,195,297

2. State aid made up 58% of Syracuse's \$657,491,804 total net revenue.



Source:

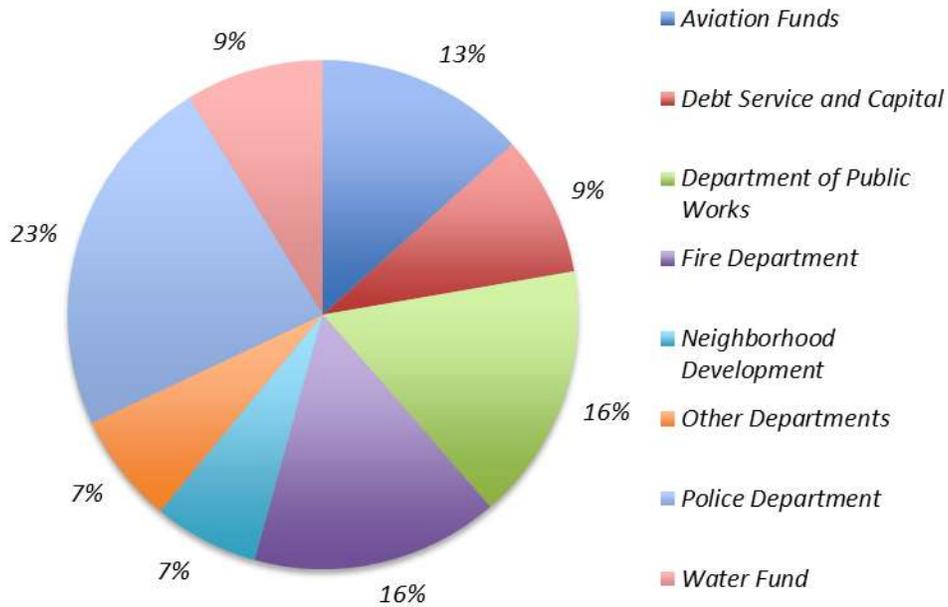
http://www.syracuse.ny.us/uploadedFiles/Departments/Budget/Content/Budget_Documents/Final%202012-13%20Budget.pdf

Total Net Revenue By Category, Syracuse, 2012		
Category	Revenue	Percent
City Tax Levy	\$33,515,813	5%
Departmental Income	\$15,257,385	2%
Other Income	\$16,407,929	2%
Real Property Tax Items	\$6,677,109	1%
Sales Tax	\$75,593,000	11%
School Tax Levy	\$64,617,911	10%
Special Funds Revenue	\$61,546,618	9%
State Aid	\$383,876,039	58%
Total	\$657,491,804	100%

Mean	Median
\$82,186,476	\$47,531,216

3. Syracuse allocated 7% more money to the police department than to the fire department.

Allocation of Funds By Service, Syracuse
2012



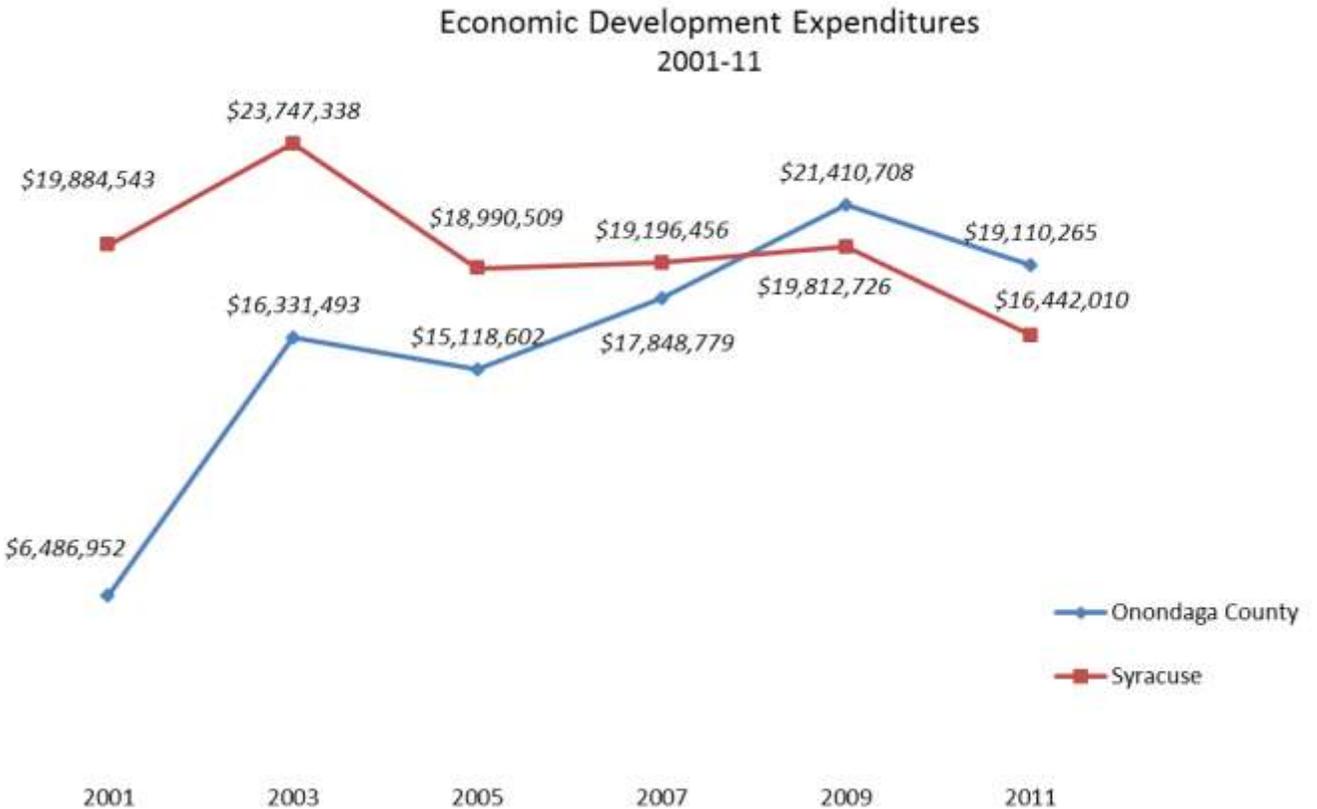
Source:

http://www.syracuse.ny.us/uploadedFiles/Departments/Budget/Content/Budget_Documents/Final%202012-13%20Budget.pdf

Allocation of Funds By Service, Syracuse, 2012		
Department	Funds	Percent
Aviation Funds	\$26,190,672	13%
Debt Service and Capital	\$17,573,286	9%
Department of Public Works	\$32,076,021	16%
Fire Department	\$30,917,883	16%
Neighborhood Development	\$13,097,317	7%
Other Departments	\$13,785,524	7%
Police Department	\$45,679,394	23%
Water Fund	\$17,192,286	9%
Total	\$196,512,383	100%

Mean	Median
\$24,564,048	\$21,881,979

4. Economic development expenditures for Onondaga County have surpassed those of the City of Syracuse since 2008



Source: New York State Office of the Comptroller, Open Book New York Database – Local Government Spending, 2001, 2003, 2005, 2007, 2009, & 2011
<http://www1.osc.state.ny.us/transparency/LocalGov/LocalGovSearchCompare.cfm>

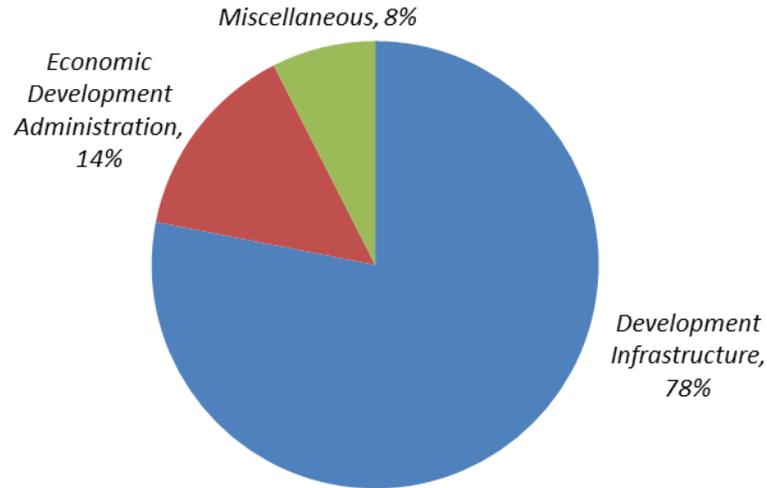
Comment:

Economic Development Expenditures consist of the following spending categories: Development Infrastructure, Economic Development Administration, Economic Development Grants, Promotion, and Miscellaneous Economic Development

Economic Development Expenditures, 2001-11				
Year	Onondaga County	Percent Change	City of Syracuse	Percent Change
2001	\$6,486,952	---	\$19,884,543	---
2003	\$16,331,493	151.8	\$23,747,338	19.4
2005	\$15,118,602	-7.4	\$18,990,509	-20
2007	\$17,848,779	18.1	\$19,196,456	1.1
2009	\$21,410,708	20	\$19,812,726	3.2
2011	\$19,110,265	-10.7	\$16,442,010	-17

5. 78% of 2011 economic development expenditures in the city of Syracuse were for development infrastructure.

Economic Development Expenditures, City of Syracuse
2011



Source: NYS Office of the Comptroller, Local Government Open Book Database, 2011
<http://www1.osc.state.ny.us/transparency/LocalGov/LocalGovResultsCompare.cfm>

Comment:

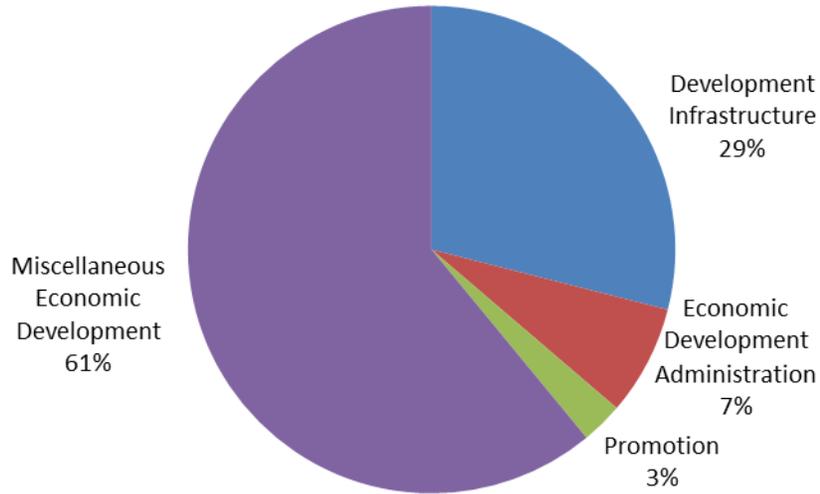
The classification of 'Miscellaneous' was not further defined.

Economic Development Expenditures, City of Syracuse, 2011		
Spending Category	Amount Spent	Percent
Development Infrastructure	\$12,835,591	78
Economic Development Administration	\$2,373,893	14
Miscellaneous Economic Development	\$1,232,526	8
Total Spending	\$16,442,010	100

Mean	Median
\$5,480,670	\$2,373,893

6. 61% of 2011 economic development expenditures in Onondaga County were under miscellaneous economic development.

Economic Development Expenditures, Onondaga County
2011



Source: New York State Office of the Comptroller, Local Government Open Book Database, 2011
<http://www1.osc.state.ny.us/transparency/LocalGov/LocalGovResultsCompare.cfm>

Comment:

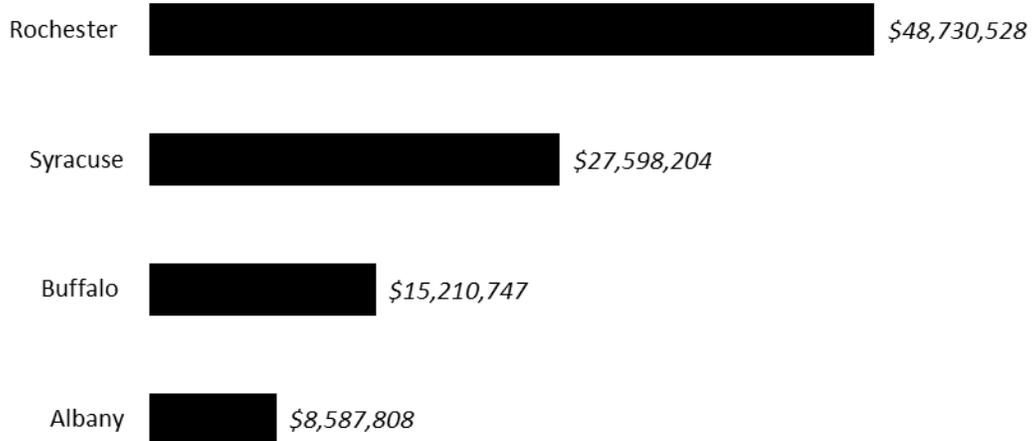
The classification of 'Miscellaneous' was not further defined.

Economic Development Expenditures, Onondaga County, 2011		
Spending Category	Amount Spent	Percent
Development Infrastructure	\$5,535,179	29
Economic Development Administration	\$1,395,852	7
Promotion	\$527,820	3
Miscellaneous Economic Development	\$11,651,414	61
Total	\$19,110,265	100

Mean	Median
\$4,777,566	\$3,465,516

7. Syracuse received the second-largest amount of federal aid of four upstate cities in 2011.

Total Federal Aid
2011



Source: New York State Office of the Comptroller, Local Government Open Book Database, 2011
<http://www1.osc.state.ny.us/transparency/LocalGov/LocalGovResultsCompare.cfm>

Total Federal Aid, 2011	
City	Amount of Aid
Albany	\$8,587,808
Buffalo	\$15,210,747
Rochester	\$48,730,528
Syracuse	\$27,598,204

Mean	Median
\$25,031,822	\$21,404,476

8. Onondaga County received the second-smallest amount of federal aid of four upstate counties in 2011.

Federal Aid
2011

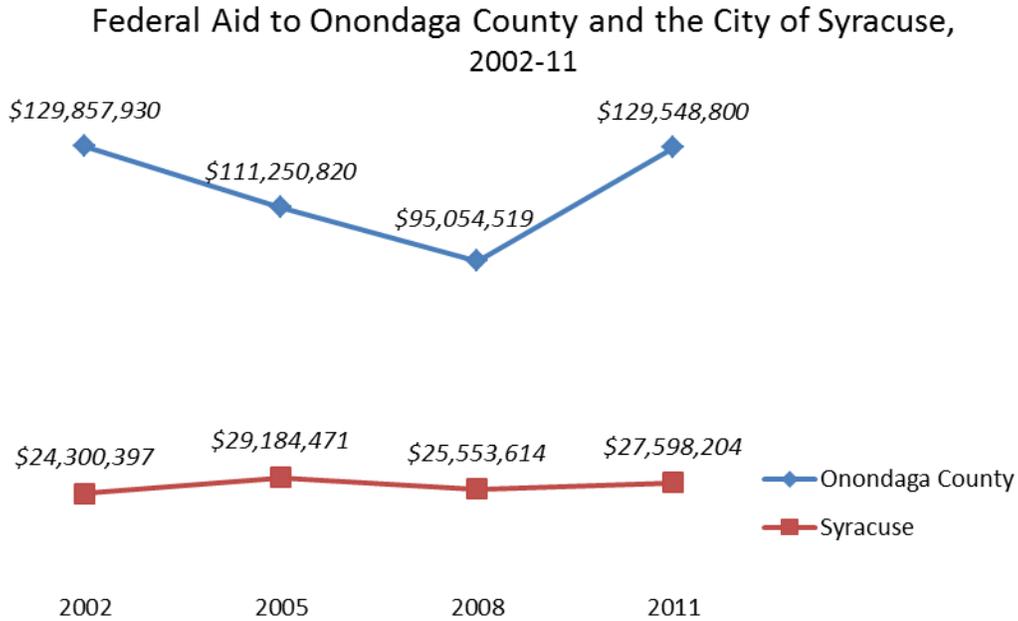


Source: Source: New York State Office of the Comptroller, Open Book New York Database – Local Government Spending, 2011
<http://wwe1.osc.state.ny.us/transparency/LocalGov/LocalGovResultsCompare.cfm>

Federal Aid, 2011			
Albany County	Erie County	Monroe County	Onondaga County
\$87,106,231	\$200,043,101	\$196,865,794	\$129,548,800

Mean	Median
\$153,390,982	\$163,207,297

9. After steadily declining since 2002, federal aid to Onondaga County returned to its previous level in 2011.

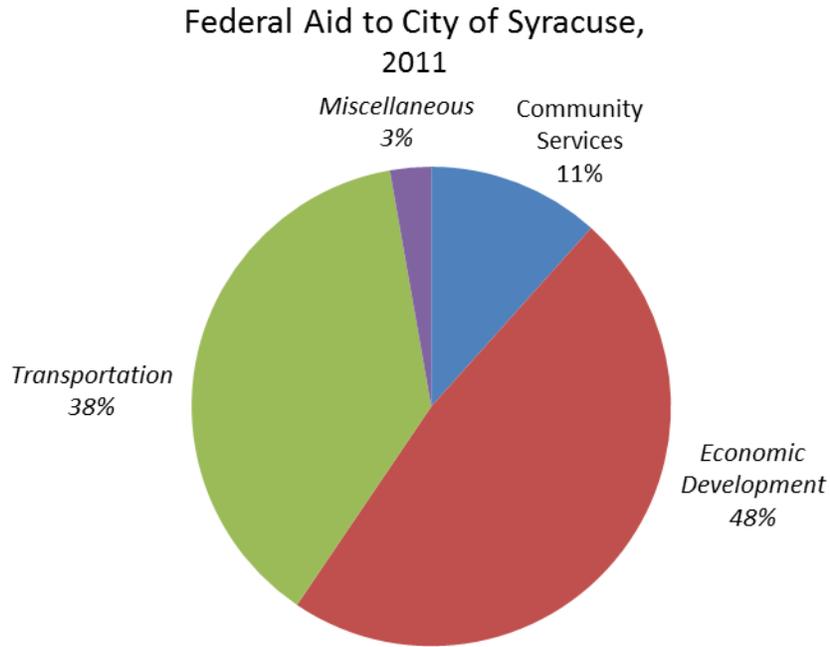


Source: New York State Office of the Comptroller, Open Book New York Database – Local Government Spending, 2002, 2005, 2008 & 2011
<http://www1.osc.state.ny.us/transparency/LocalGov/LocalGovSearchCompare.cfm>

Federal Aid to Onondaga County and the City of Syracuse, 2002-11				
Year	Onondaga County	Percent Change	City of Syracuse	Percent Change
2002	\$129,857,930	---	\$24,300,397	---
2005	\$111,250,820	-14.3	\$29,184,471	20.1
2008	\$95,054,519	-14.6	\$25,553,614	-12.4
2011	\$129,548,800	36.3	\$27,598,204	8

Mean	Median
\$71,543,594	\$62,119,495

10. 48% of federal aid to the city of Syracuse in 2011 was for economic development.



Source: New York State Office of the Comptroller, Local Government Open Book Database, 2011
<http://www1.osc.state.ny.us/transparency/LocalGov/LocalGovResultsCompare.cfm>

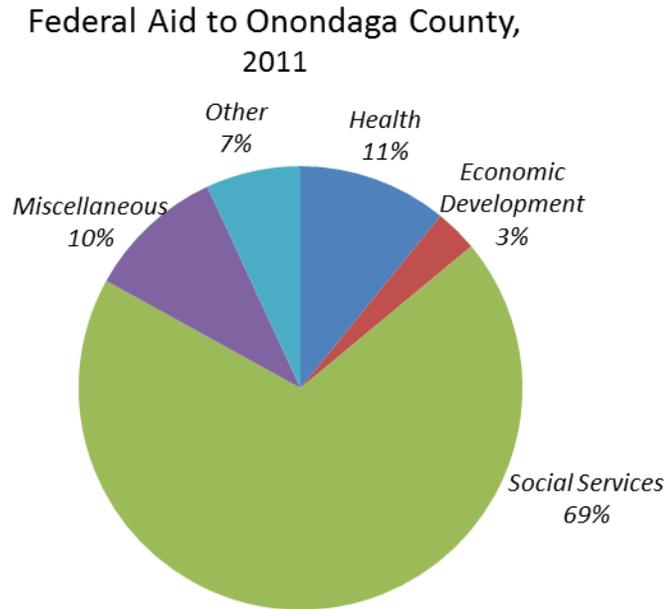
Comment:

The classification of 'Miscellaneous' was not further defined.

Federal Aid to City of Syracuse, 2011		
Aid Category	Amount of Aid	Percent
Community Services	\$3,209,258	11
Economic Development	\$13,203,512	48
Transportation	\$10,421,901	38
Miscellaneous Federal Aid	\$763,533	3
Total	\$27,598,204	100

Mean	Median
\$6,899,551	\$6,815,580

11. 69% of federal aid to Onondaga County in 2011 was for social services.



Source: New York State Office of the Comptroller, Local Government Open Book Database, 2011
<http://www1.osc.state.ny.us/transparency/LocalGov/LocalGovResultsCompare.cfm>

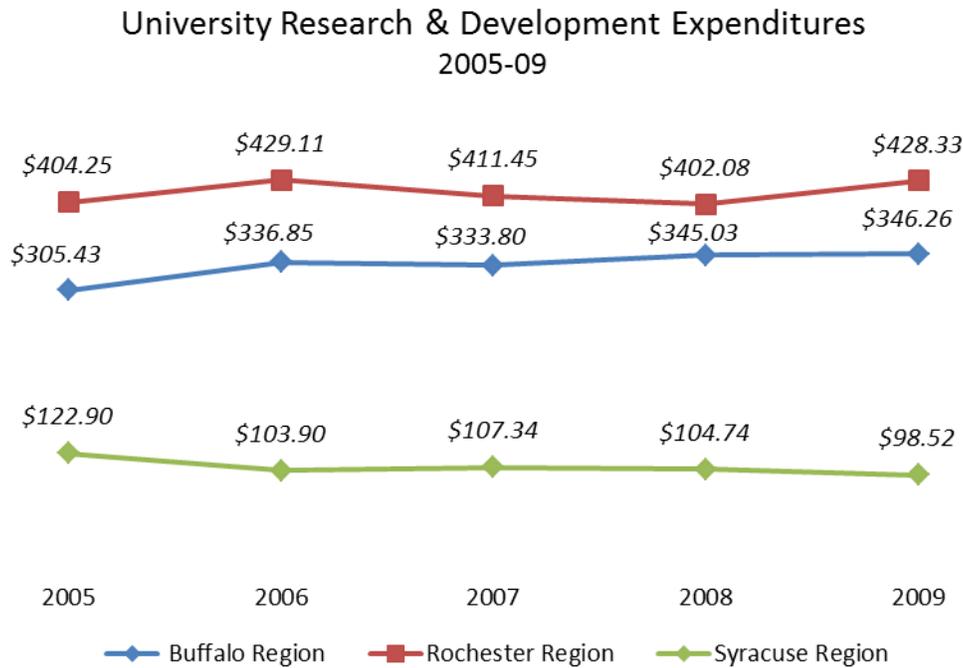
Comments:

- The classification of 'Miscellaneous' was not further defined
- The classification of 'Other' is an aggregation of the following aid categories:
 - Community Services (\$299,334)
 - Culture and Recreation (\$59,823)
 - General Government (\$1,773,055)
 - Public Safety (\$238,809)
 - Sanitation (\$3,540,447)
 - Transportation (\$3,031,118)

Federal Aid to Onondaga County, 2011		
Aid Categories	Federal Revenue	Percent
Economic Development	\$4,030,957	3
Health	\$14,068,425	11
Miscellaneous Federal Aid	\$13,048,450	10
Other	\$8,942,586	7
Social Services	\$89,458,382	69
Total	\$129,548,800	100

Mean	Median
\$12,954,880	\$3,285,783

12. The Syracuse region was the only Upstate New York region that experienced a decline in University research & development expenditures between 2005 and 2009.



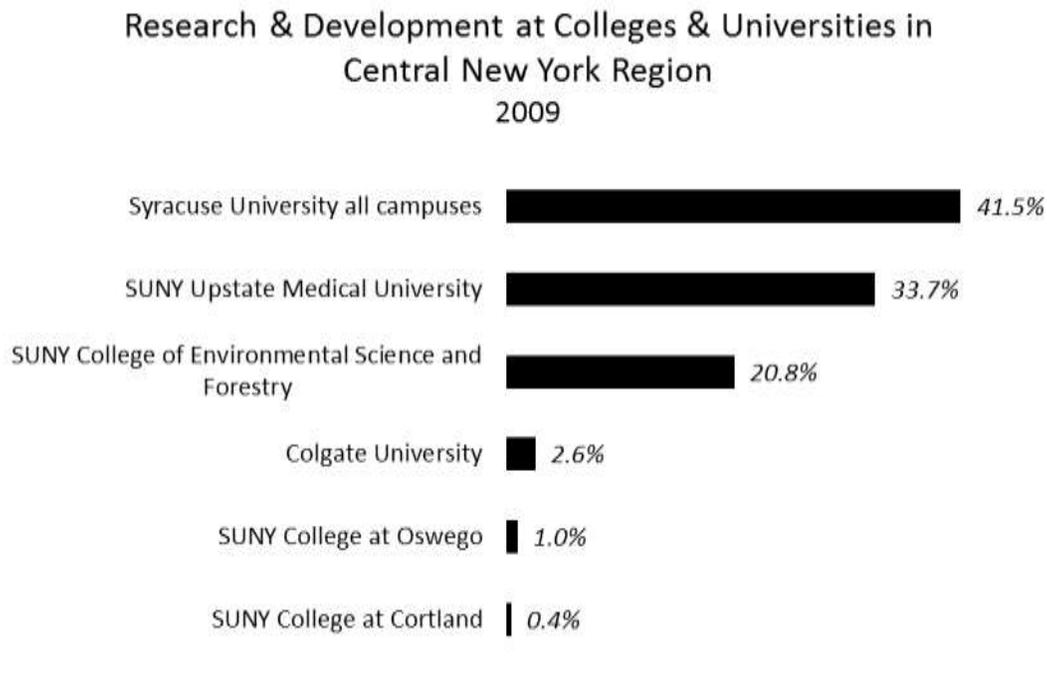
Source: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, 2005-09
<http://www.nsf.gov/statistics/nsf11313/pdf/nsf11313.pdf>

Comments:

- Data at the regional level is not available. The regional total is calculated by summing research and development expenditures at universities and colleges within each region. The following is a list of universities and colleges in each region:
 - Buffalo: Canisius College, Daeman College, Niagara University, SUNY Buffalo all campuses, SUNY College at Buffalo, SUNY Fredonia, St. Bonaventure University, and Alfred University.
 - Rochester: Hobart and William Smith Colleges, Rochester Institute of Technology, SUNY College at Brockport, SUNY College at Geneseo, and University of Rochester.
 - Syracuse: Colgate University, SUNY College at Cortland, SUNY College of Environmental Science and Forestry, SUNY College at Oswego, SUNY Upstate Medical University, and Syracuse University all campuses.
- Expenditures adjusted for inflation to 2009 dollars.
- Data not available for Albany region colleges/universities.

University Research & Development Expenditures					
City	2005	2006	2007	2008	2009
Buffalo	\$305.43	\$336.85	\$333.80	\$345.03	\$346.26
Rochester	\$404.25	\$429.11	\$411.45	\$402.08	\$428.33
Syracuse	\$122.90	\$103.90	\$107.34	\$104.74	\$98.52

13. The largest share of university research & development funding in the Central New York region in 2009 was received by Syracuse University (41.5%) followed by SUNY Upstate Medical University (33.7%) and SUNY College of Environmental Science and Forestry (20.8%).



Source: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2009
<http://www.nsf.gov/statistics/nsf11313/pdf/nsf11313.pdf>

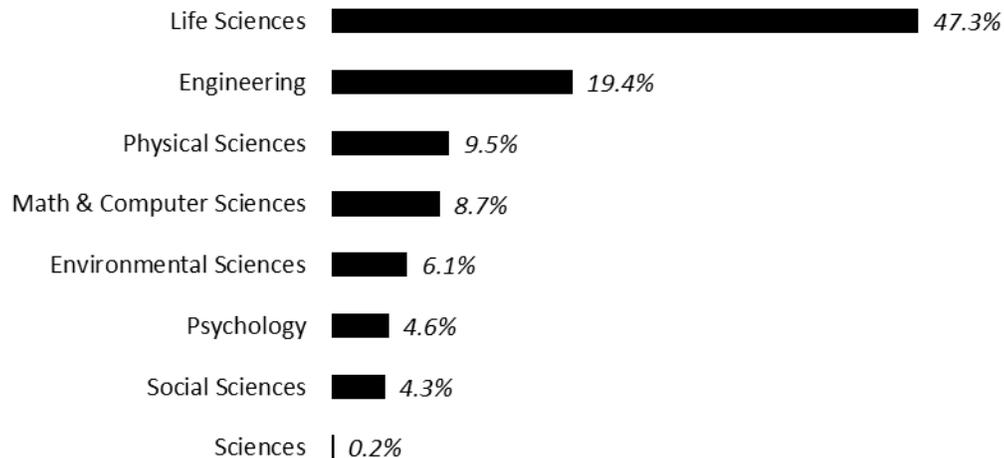
Comments:

- Funding adjusted for inflation to 2009 dollars.
- Sources of funds included federal government, state and local government, industry, institution funds, and other sources. "Other sources" was not further defined.
- The above graph does not show all funding received by each university, but only the funds dedicated for research and development.

Research & Development at Colleges & Universities in Central New York Region		
Educational Institutions in Central NY	Research & Development Funding (\$Mil)	Percent of Total Central NY University Research & Development Funding
Colgate University	\$2.57	2.60%
SUNY College at Cortland	\$0.34	0.40%
SUNY College at Oswego	\$1.02	1.00%
SUNY College of Environmental Science and Forestry	\$20.51	20.80%
SUNY Upstate Medical University	\$33.19	33.70%
Syracuse University all campuses	\$40.89	41.50%
Total CNY University Research & Development Funding	\$98.52	100.00%

14. The majority of Central New York university research and development expenditures in 2009 were in *Life Sciences* (47.3%) followed by *Engineering* (19.4%).

Research & Development Expenditures at Central New
York Colleges & Universities by Science Field
2009



Source: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2009
<http://www.nsf.gov/statistics/nsf11313/pdf/nsf11313.pdf>

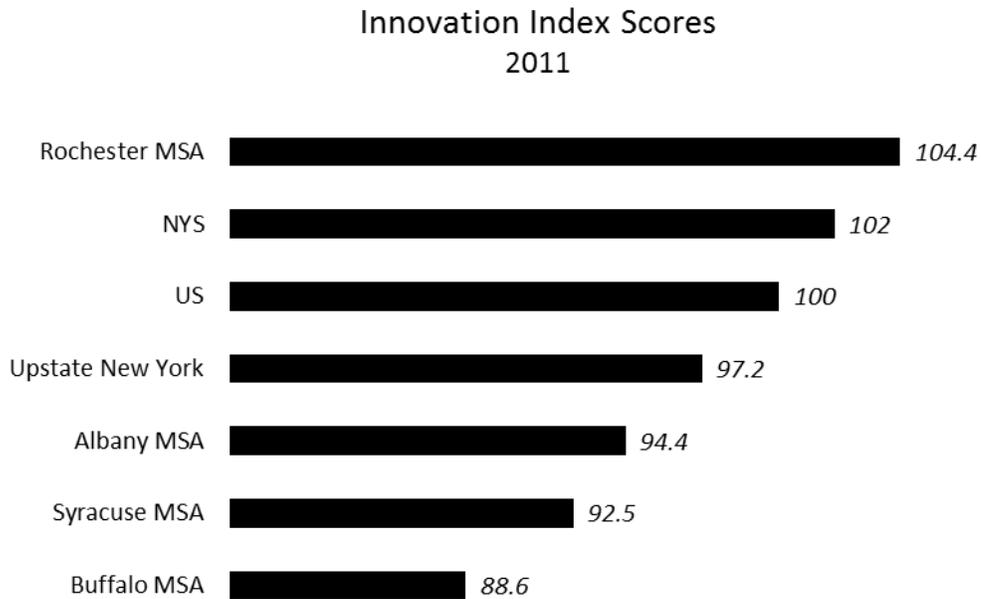
Comments:

- The following institutions are considered to be within the Central New York Region: SUNY College at Cortland, SUNY College at Oswego, Colgate University, SUNY College of Environmental Sciences and Forestry, SUNY Upstate Medical University, and Syracuse University.
- Expenditures adjusted for inflation to 2009 dollars.
- Sources of funds included federal government, state and local government, industry, institution funds, and other sources. "Other sources" was not further defined.
- The above graph does not show all funding received by each university, but only the funds dedicated for research and development.

**Research Development Expenditures at Central New York Colleges & Universities by
Science Field, 2009**

Science Field	Expenditure (\$Mil)	Percent of Total Research & Development Expenditures
Environmental Sciences	\$5.98	6.1%
Life Sciences	\$46.57	47.3%
Math & Computer Sciences	\$8.54	8.7%
Physical Sciences	\$9.32	9.5%
Psychology	\$4.57	4.6%
Social Sciences	\$4.21	4.3%
Sciences	\$0.23	0.2%
Engineering	\$19.11	19.4%
All R&D Expenditures	\$98.52	100.0%

15. The Rochester MSA was the only Upstate New York region to score above the NYS and US averages on the US Economic Development Administration’s Innovation Index.



Source: US Economic Development Administration, 2011

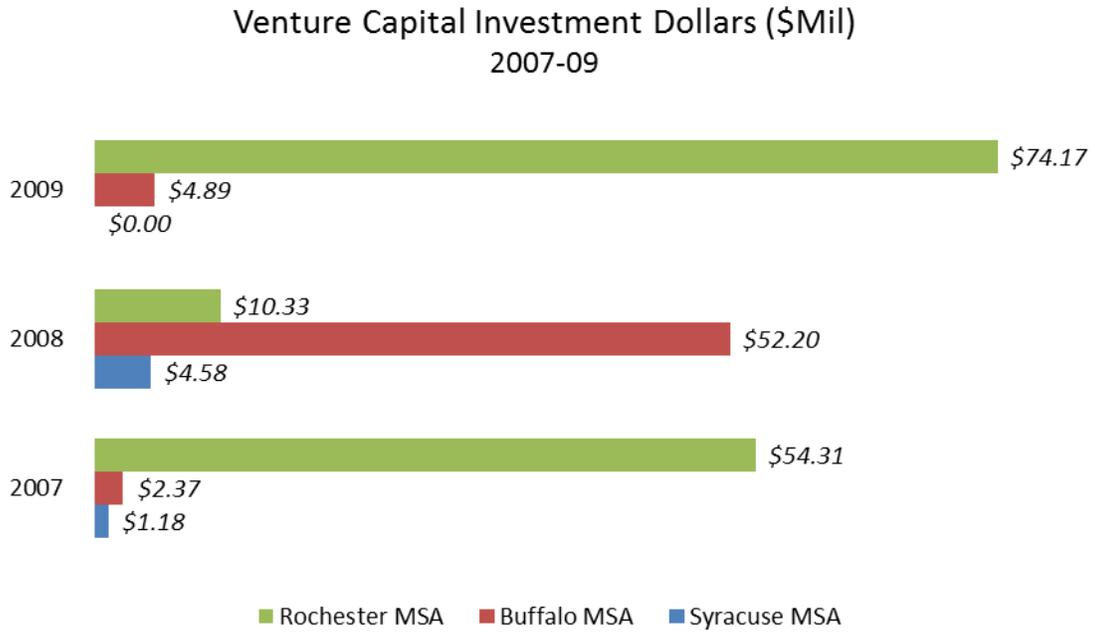
http://www.statsamerica.org/innovation/innovation_index/region-select.html

Comments:

- Upstate New York is defined as a 19-county region that includes the 5-county Buffalo region (Allegany, Cattaraugus, Chautauqua, Erie, and Niagara counties) the 9-county Rochester region (Genesee, Livingston, Monroe, Ontario, Orleans, Wayne, Wyoming, Yates, and Seneca counties) and the 5-county Syracuse region (Cayuga, Cortland, Onondaga, Oswego, and Madison counties).
- The US Economic Development Administration Innovation Index combines measures on human capital, economic dynamics, productivity and employment, and economic well-being.

Innovation Index Scores, 2011	
Metro Region	Innovation Index Score
Albany MSA	94.4
Buffalo MSA	88.6
Rochester MSA	104.4
Syracuse MSA	92.5
Upstate New York	97.2
NYS	102
US	100

16. The Syracuse Metropolitan Statistical Area had the lowest levels of local venture capital investment of three Upstate New York cities in 2007-09.



Source: *Thompson Reuters Financial, 2007-09*
http://thomsonreuters.com/products_services/financial/

Comments:

- Venture capital investment adjusted for inflation to 2009 Dollars
- Data not available for Albany MSA

Venture Capital Investment Dollars (\$Mil)						
	2007		2008		2009	
Region	# of Companies Receiving VC	VC Investment (\$Mil)	# of Companies Receiving VC	VC Investment (\$Mil)	# of Companies Receiving VC	VC Investment (\$Mil)
Buffalo MSA	3	\$2.37	4	\$52.20	5	\$4.89
Rochester MSA	12	\$54.31	7	\$10.33	4	\$74.17
Syracuse MSA	2	\$1.18	1	\$4.58	0	\$0.00

17. The largest recipient of venture capital funding has been the Rochester Metropolitan Statistical Area, attracting \$138.81 million over 2007-09, much higher than the Buffalo (\$59.46 million) and Syracuse (\$5.76 million) regions.

Total Venture Capital Investment Dollars (\$Mil)
2007-09



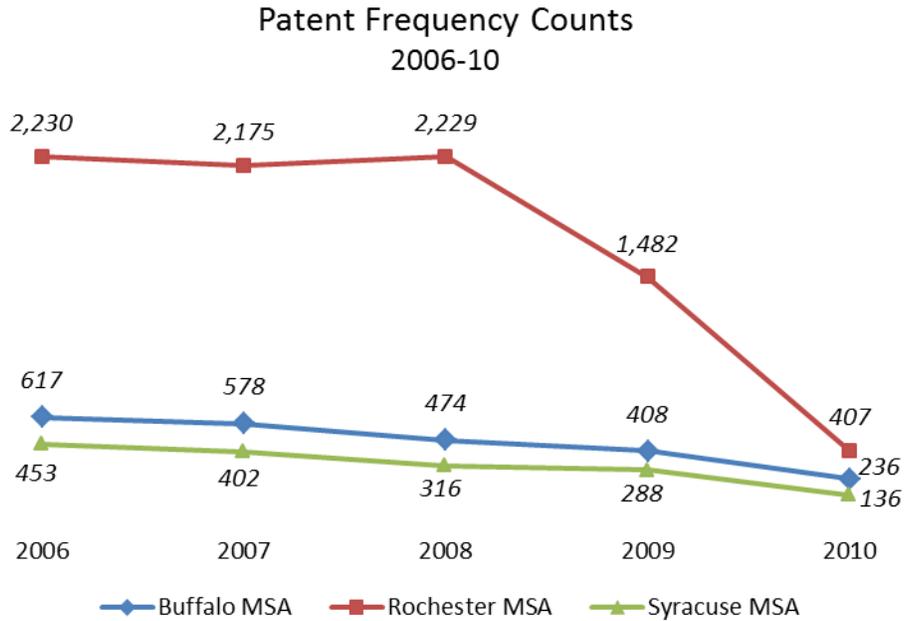
Source: Thompson Reuters Financial, 2007-09
http://thomsonreuters.com/products_services/financial/

Comments:

- Venture capital investment adjusted for inflation to 2009 Dollars
- Data not available for Albany MSA

Total Venture Capital Investment Dollars (\$Mil)				
	2007	2008	2009	
	VC Investment (\$Mil)	VC Investment (\$Mil)	VC Investment (\$Mil)	Total VC Investment (\$Mil)
Buffalo MSA	\$2.37	\$52.20	\$4.89	\$59.46
Rochester MSA	\$54.31	\$10.33	\$74.17	\$138.81
Syracuse MSA	\$1.18	\$4.58	\$0.00	\$5.76

18. There was a significant decrease in the number of patents in all Upstate NY MSAs from 2006 to 2010.



Source: Delphion.com
<http://www.delphion.com/advquery>

Comments:

- Patent frequency counts include patents granted and applied for
- If one patent had two inventors – i.e. one from the Buffalo region and one for the Rochester region – it would be counted as one patent in the Buffalo region and one count in the Rochester region).
- Data not available for Albany MSA

Patent Frequency Counts, 2006-10					
	2006	2007	2008	2009	2010
Buffalo MSA	617	578	474	408	236
Rochester MSA	2,230	2,175	2,229	1,482	407
Syracuse MSA	453	402	316	288	136