



EDUCATION





Introduction: Education

This section of the report highlights public education in the City of Syracuse and Onondaga County. Education plays a vital role in the success of the community. Children gain knowledge and build their skill levels. Higher levels of academic success allows the community as a whole to prosper, and yields positive income outcomes for students. Students who graduate with a high school diploma earn more than students who drop out of school (United States Bureau of Labor Statistics). The same is true for college students who attain a four or two year degree compared to students who only complete high school (United States Bureau of Labor Statistics).

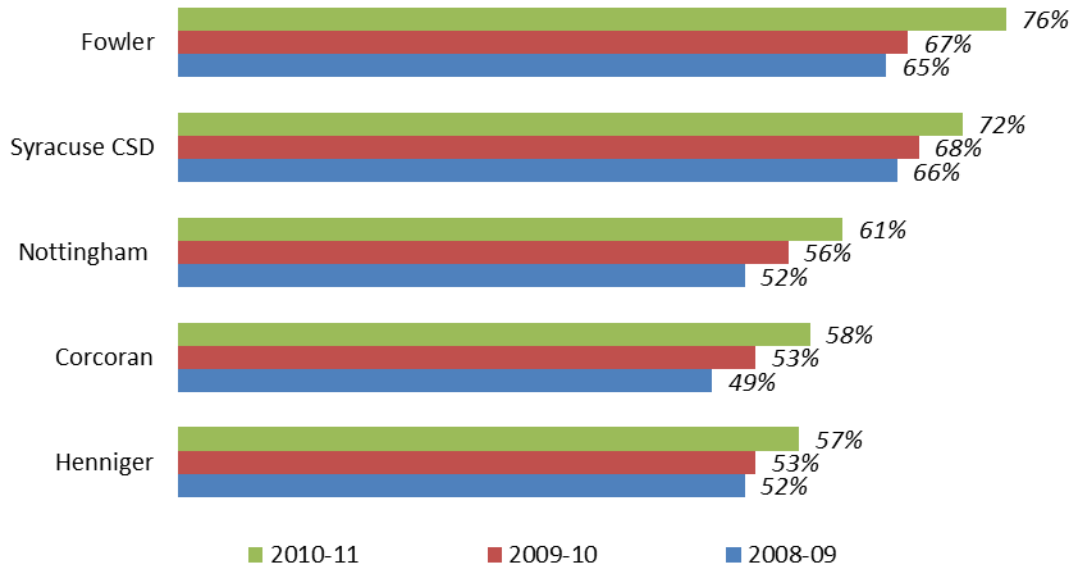
Suburban school districts in Onondaga County have an average graduation rate of 88%. The Syracuse City School District (SCSD) has a graduation rate of 52% (New York State Department of Education). Syracuse has created programs and fosters initiatives to increase the number of students passing their courses, Regents examinations and encouraging more students to graduate. Say Yes to Education offers services to elementary, middle and high school, as well as college students in the Syracuse City School District to enrich their education and encourage graduation. The Literacy Coalition of Onondaga County builds and supports initiatives to improve literacy in Onondaga County.

This section focuses on financials, demographics, school district information, and educational attainment of the school districts within Onondaga County. Financial indicators measure per pupil spending. District Information includes data on attendance, enrollment, passing, dropout and graduation rates. Educational attainment measures NYS English Language Arts and Math scores and degree attainment in Onondaga County.



1. 76% of students at Fowler High School were eligible for free and reduced meals, the highest percentage in the Syracuse City School District's high schools in 2010-11.

High School Students Eligible for Free or Reduced Lunch 2008-11



Source: New York State Report Card 2011

<https://reportcards.nysed.gov/files/2010-11/AOR-2011-421800010039.pdf>

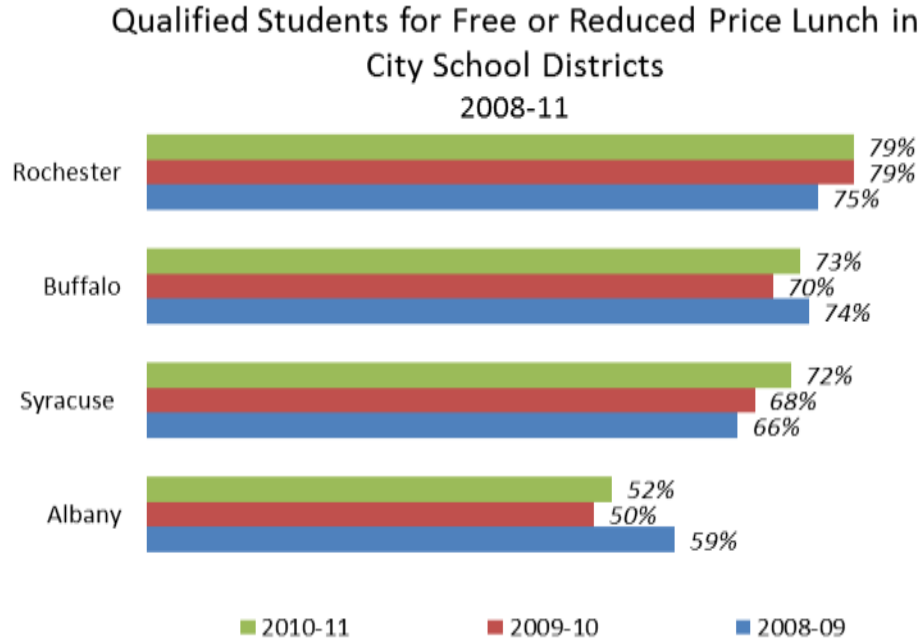
Comment:

- Anyone at or below 130% of the poverty level qualifies for free lunch and between 131%-185% of the poverty level qualify for reduced lunch.
- Percentages on the table and the above graph correspond to the percent of students in each grade that qualify for Free or Reduced Price Lunch

High School Students Eligible for Free or Reduced Lunch			
School	2008-2009	2009-2010	2010-2011
Corcoran	763 (49%)	770 (53%)	799(58%)
Fowler	704 (65%)	810 (67%)	872 (76%)
Henniger	841 (52%)	869 (53%)	958 (57%)
Nottingham	626 (52%)	738 (56%)	804 (61%)
Syracuse City School District	13,049 (66%)	13,654 (68%)	14,415 (72%)

Mean	Median
858	838

2. Rochester City School District has more students who qualified for free and reduced meals than any other comparable city school district in upstate New York from 2008-09 to 2010-11.

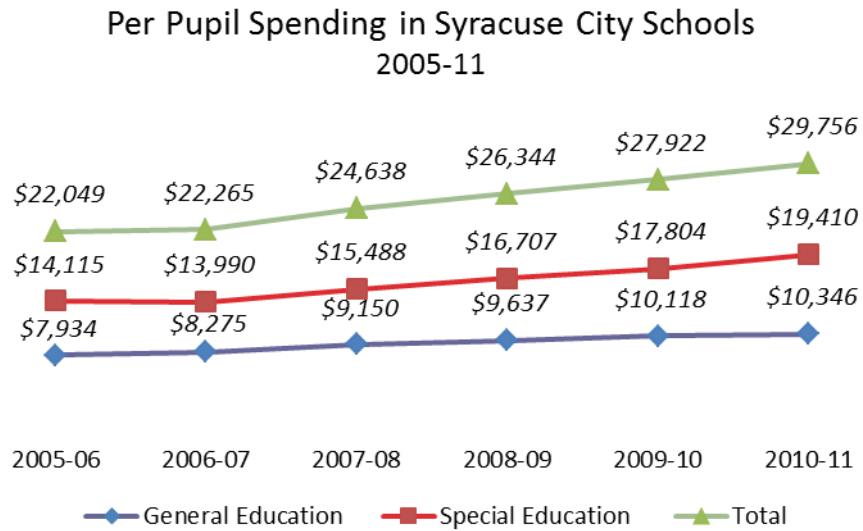


Source: NYS Education Department Report Cards, Accountability and Overview Report reportcards.nysed.gov/

Comment: Percentages on the table and the above graph correspond to the percent of students in each grade that qualify for Free or Reduced Price Lunch

Qualified Students for Free or Reduced Price Lunch in City School Districts				
Academic Year	Albany	Buffalo	Rochester	Syracuse
2008-09	4,660 (59%)	24,114 (74%)	24,140 (75%)	13,049 (66%)
2009-10	4,015 (50%)	22,879 (70%)	24,933 (79%)	13,654 (68%)
2010-11	4,275 (52%)	23,139 (73%)	24,569 (79%)	14,415 (72%)

3. Per pupil spending for special education in the Syracuse City School district was \$19,410 in 2010-11, a 38% increase from the 2005-2006 academic year.



Source: NYS Education Department Report Card
<https://reportcards.nysed.gov/>

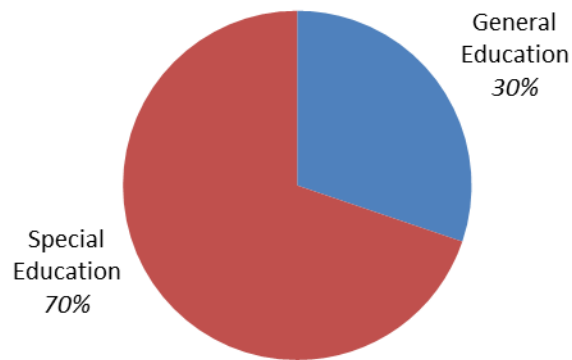
Comment: All data is based on the previous year's results. For example, 2005-06 data is based on 2004-05 results.

Per Pupil Spending For School Districts in Onondaga County 2010-11		
School District	General Education	Special Education
Baldwinsville	\$8,555	\$23,434
East Syracuse-Minoa	\$11,286	\$21,236
Fabius-Pompey	\$9,943	\$22,659
Fayetteville-Manlius	\$9,797	\$15,094
Jamesville-DeWitt	\$9,282	\$21,781
Jordan-Eldbridge	\$9,742	\$28,688
Lafayette	\$13,079	\$18,873
Liverpool	\$9,489	\$21,086
Lyncourt	\$8,155	\$27,969
Marcellus	\$8,597	\$19,792
North Syracuse	\$8,484	\$20,568
Onondaga	\$8,133	\$22,479
Skaneateles	\$9,538	\$28,320
Solvay	\$9,679	\$21,878
Syracuse City School District	\$10,346	\$19,410
Tully	\$8,376	\$18,848
West Genesee	\$8,293	\$19,502
Westhill	\$9,331	\$21,109

Per Pupil Spending for School Districts in Onondaga County 2010-11		
Education	Mean	Median
General Education	\$9,233.33	\$9,393.50
Special Education	\$16,269.00	\$16,097.50
Total	\$25,512.33	\$25,491.00

4. 70% of mean per pupil spending in the 19 school districts in Onondaga County in 2010-11 is for special education

Mean Per Pupil Spending in Onondaga County
2010-11



Source: NYS Education Department Report Card, Fiscal Supplement

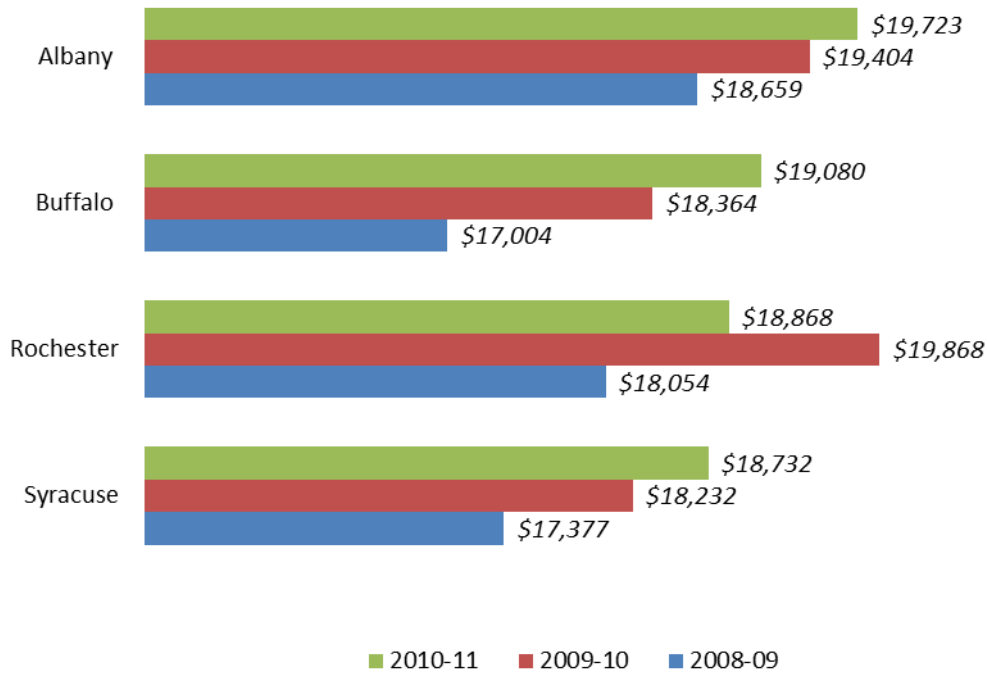
<https://reportcards.nysed.gov/view.php?schedist=district&county=42&year=2011>

Mean Per Pupil Spending in Onondaga County 2010-11

Education Type	Amount Spent	Percent of Total Spent
General Education	\$9,450	30%
Special Education	\$21,833	70%

5. Per pupil expenditures in the Syracuse City School District is consistently lower than three other upstate city school districts over a three-year period, with the exception of 2008-09, when spending was \$373 higher than Buffalo.

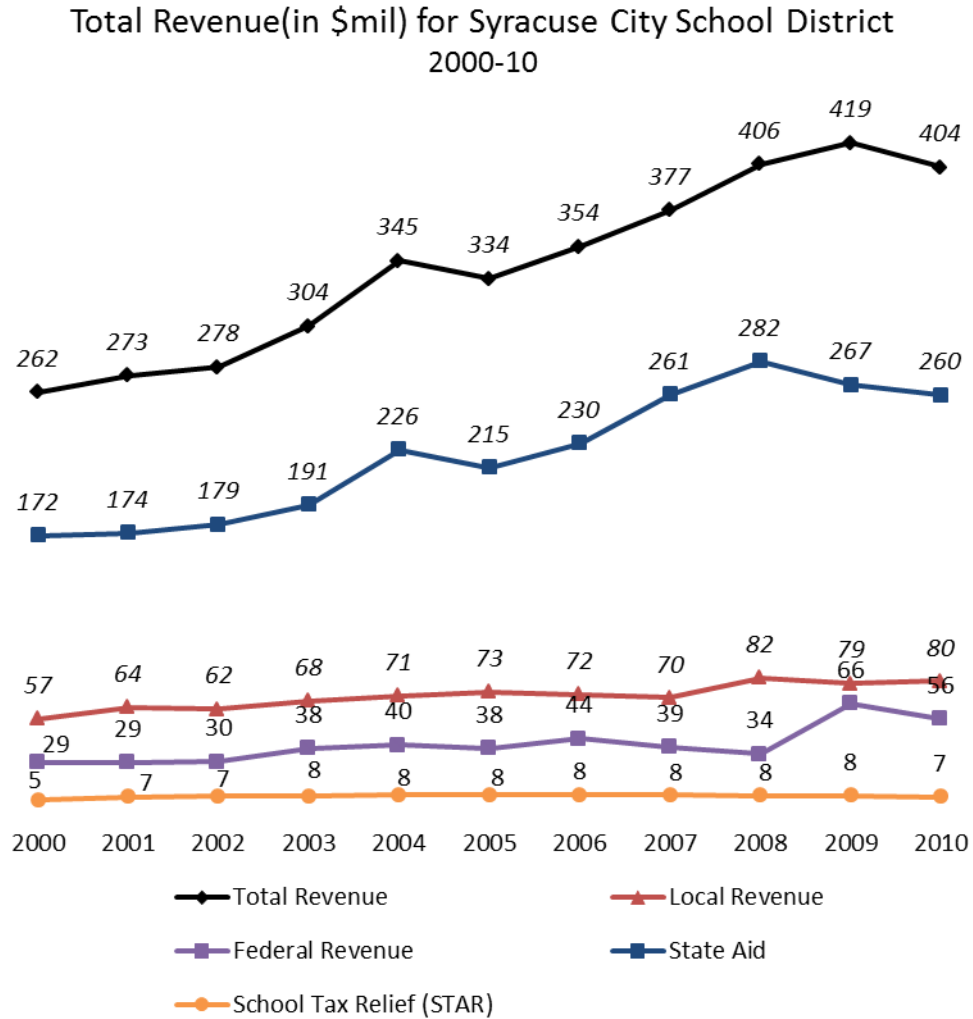
Per Pupil Expenditures in Four City School Districts
2008-11



Source: NYS Education Department Report Card, Overview and Accountability Report
<https://reportcards.nysed.gov/>

Per Pupil Expenditures in Four City School Districts, 2008-11			
City	2008-09	2009-10	2010-11
Albany	\$18,659	\$19,404	\$19,723
Buffalo	\$17,004	\$18,364	\$19,080
Rochester	\$18,054	\$19,868	\$18,868
Syracuse	\$17,377	\$18,232	\$18,732

6. Total revenue for Syracuse City School District has steadily increased from 2000 to 2010, increasing by \$141.6 Million.



Source: Cornell Program on Applied Demographics, 2013

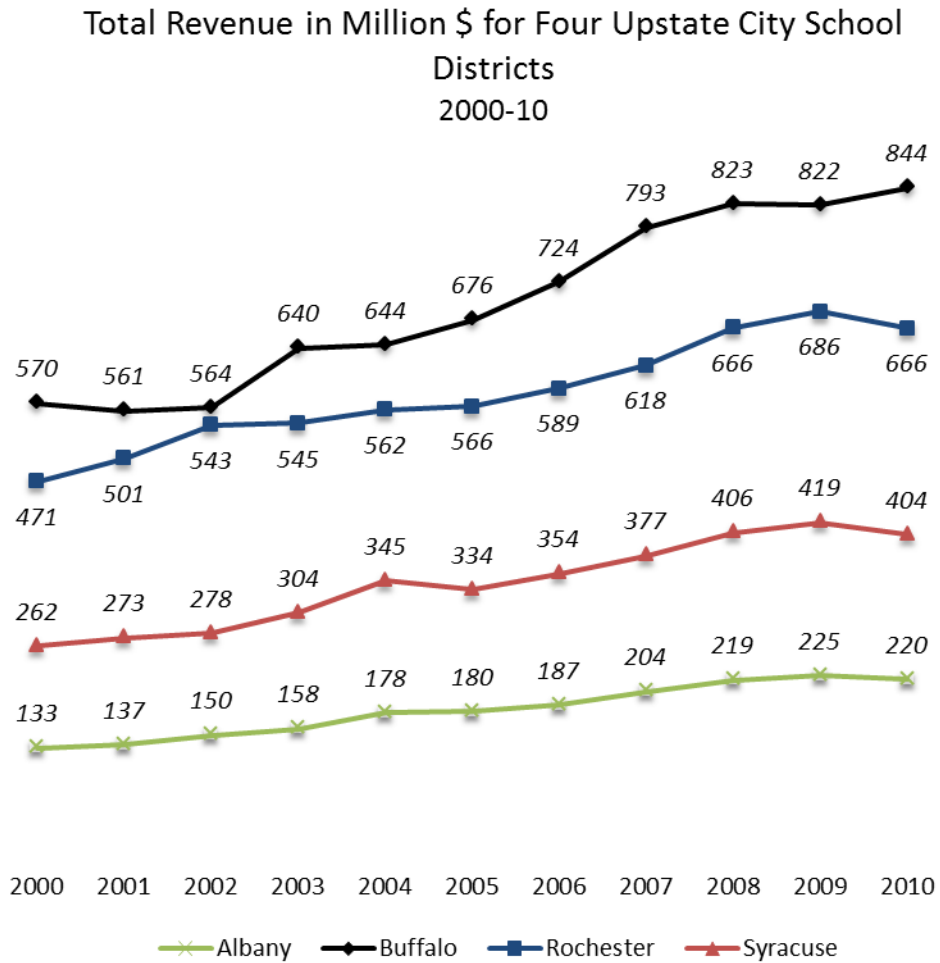
http://pad.human.cornell.edu/schools/compare_vars.cfm?vlist=TOTREV,LREV,FEDREV,STAid,STAR&geold=421800&cpi=c

Comment: Data were introduced in calendar year increments not academic years.

Total Revenue in Million \$											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Local Revenue	56.5	63.5	62.4	67.7	70.7	73.3	71.6	69.5	82.3	78.8	80.0
Federal Revenue	29.1	28.8	29.5	37.7	40.0	37.6	43.8	38.6	34.2	66.0	56.4
State Aid	171.7	173.5	178.8	191.0	225.9	214.7	230.1	260.7	281.6	266.6	260.2
School Tax Relief (STAR)	5.1	7.0	7.5	7.6	8.3	8.3	8.5	8.2	8.0	7.9	7.2
Total Revenue	262.4	272.9	278.2	304.1	345.0	333.9	353.9	377.0	406.2	419.3	404.0

Mean	Median
341.5	345.0

7. Total school revenue for Albany, Buffalo, Rochester, and Syracuse has been steadily increasing since 2000.



Source: Cornell Program on Applied Demographics, 2013

http://pad.human.cornell.edu/schools/compare_vars.cfm?vlist=TOTREV,LREV,FEDREV,STAd,STAR&geold=421800&cpi=c

Comment: Data were introduced in calendar year increments not academic years.

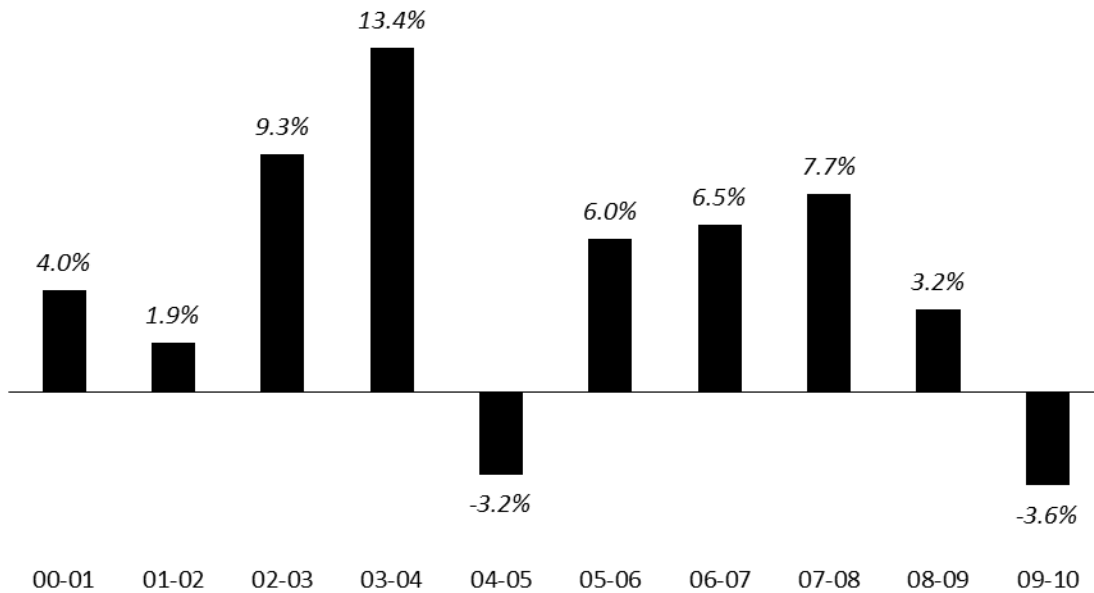
Total Revenue in Million Dollars											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Albany	133.4	137.2	149.5	157.6	178.1	179.7	187.1	204.3	219.4	224.7	219.6
Buffalo	569.9	560.6	564.4	640.0	644.3	676.2	724.2	792.6	823.2	821.7	843.6
Rochester	471.1	500.5	542.8	544.7	562.2	566.1	589.1	618.2	666.0	686.3	665.5
Syracuse	262.4	272.9	278.2	304.1	345.0	333.9	353.9	377.0	406.2	419.3	404.0

	Mean*	Median*
Albany	181.0	179.7
Buffalo	696.4	676.2
Rochester	583.0	566.1
Syracuse	341.5	345.0

*In Million \$

8. Total Revenue for the Syracuse City School District decreased by 3.6% from 2008-09 to 2009-10.

Percent Change in Total Revenue for Syracuse City School District
2000-10



Source: Cornell Program on Applied Demographics, 2013

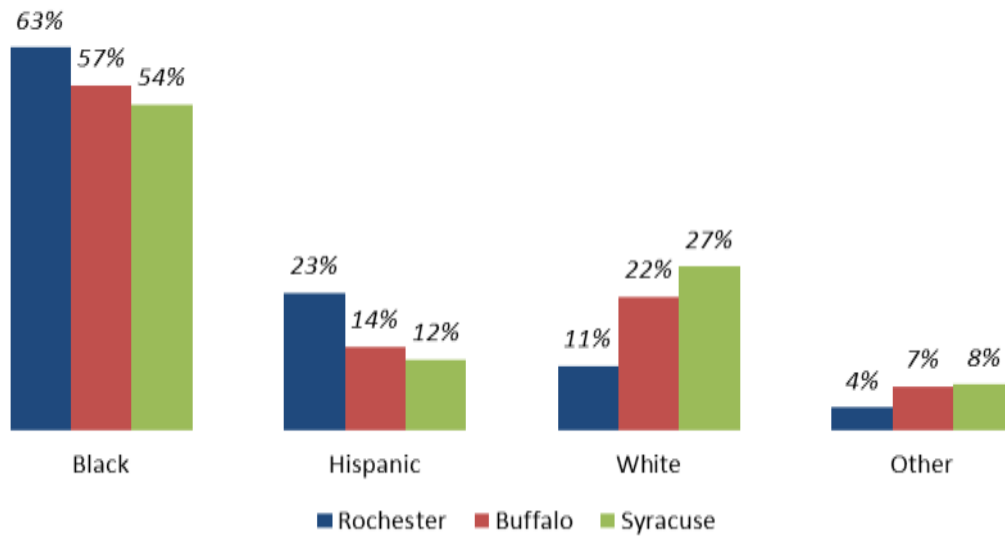
http://pad.human.cornell.edu/schools/compare_vars.cfm?vlist=TOTREV,LREV,FEDREV,STAd,STAR&geold=421800&cpi=c

Comment: Data were introduced in calendar year increments not academic year.

Percent Change in Total Revenue for Four Upstate City School Districts										
City	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10
Albany	2.8%	9.0%	5.4%	13.0%	0.9%	4.1%	9.2%	7.4%	2.4%	-2.3%
Buffalo	-1.6%	0.7%	13.4%	0.7%	5.0%	7.1%	9.4%	3.9%	-0.2%	2.7%
Rochester	6.2%	8.5%	0.4%	3.2%	0.7%	4.1%	4.9%	7.7%	3.0%	-3.0%
Syracuse	4.0%	1.9%	9.3%	13.4%	-3.2%	6.0%	6.5%	7.7%	3.2%	-3.6%

9. The majority (54%) of students in Syracuse City Schools are Black.

Distribution of Public School Students by Race and Ethnicity
2010-11

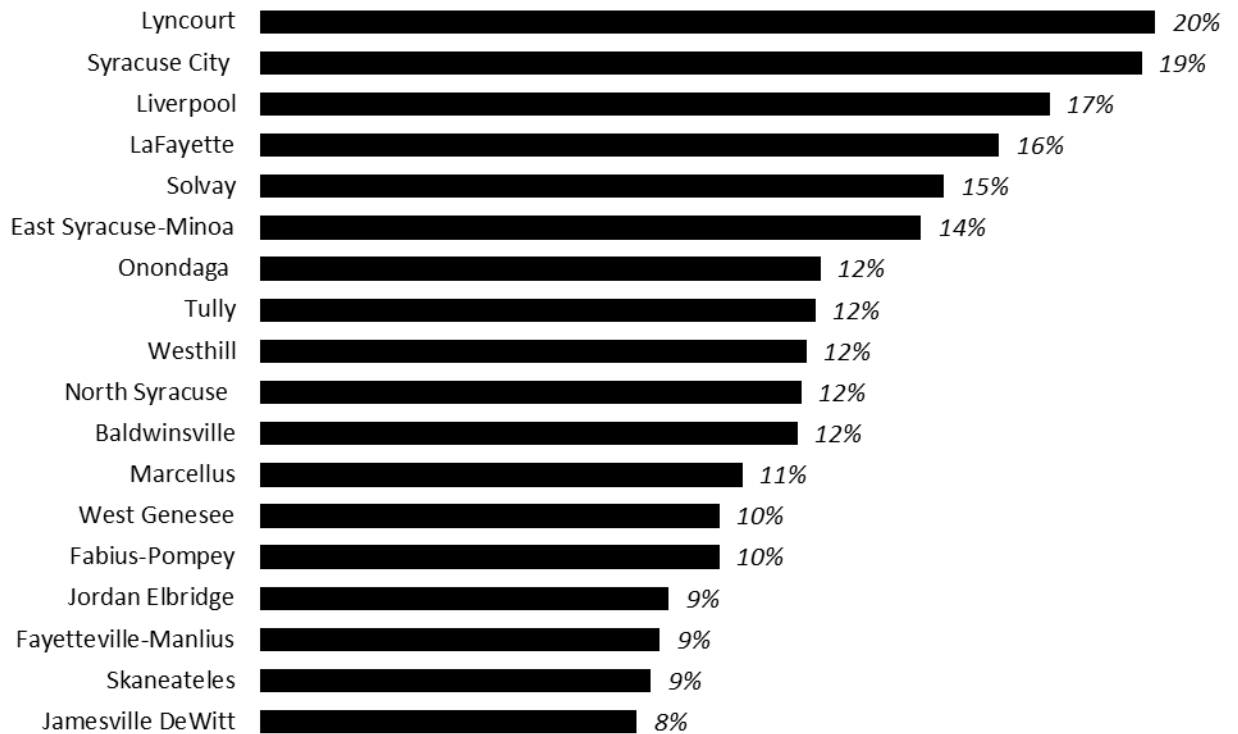


Source: New York State Department of Education Information and Reporting Services, 2011
<http://www.p12.nysed.gov/irs/statistics/public/2012/TABLE4.pdf>

Distribution of Public School Students by Race and Ethnicity				
City	Racial Origin	2008-09	2009-10	2010-11
Buffalo	Black	56.8%	56.4%	57.1%
	Hispanic	14.9%	15.2%	13.7%
	White	24.0%	22.8%	22.0%
	Other	4.4%	5.6%	7.1%
Rochester	Black	64.7%	64.0%	63.3%
	Hispanic	21.7%	22.1%	22.6%
	White	10.7%	10.5%	10.5%
	Other	2.9%	3.6%	3.7%
Syracuse	Black	54.3%	53.2%	53.8%
	Hispanic	11.0%	11.2%	11.7%
	White	29.5%	29.0%	27.0%
	Other	5.2%	6.6%	7.5%

10. 20% of Lyncourt students are classified as special education students, the highest of all county school districts in the 2010-11 academic year.

Percent Special Education Students in Onondaga County Schools
2010-11



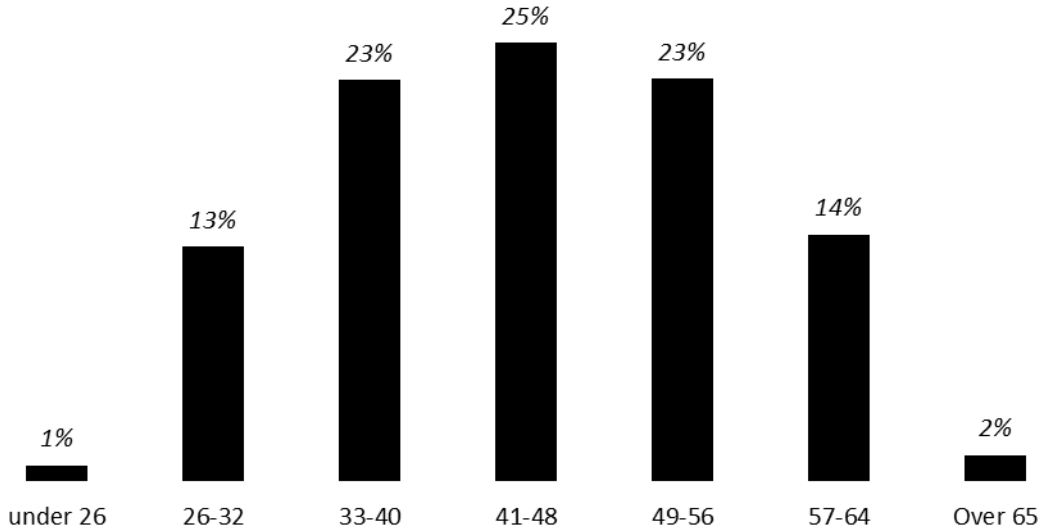
Source: NYS Education Department Report Card, Accountability and Overview Report reportcards.nysed.gov/

Comment: Data rounded to nearest whole number causing similar percentages not to be the same length.

Special Education Students in Onondaga County Schools 2010-11	
School District	Percent Special Education
Baldwinsville	12%
East Syracuse-Minoa	14%
Fabius-Pompey	10%
Fayetteville-Manlius	9%
Jamesville DeWitt	8%
Jordan Elbridge	9%
LaFayette	16%
Liverpool	17%
Lyncourt	20%
Marcellus	11%
North Syracuse	12%
Skaneateles	9%
Solvay	15%
Tully	12%
West Genesee	10%
Westhill	12%
Syracuse City	19%
Onondaga	12%

11. 71% of Onondaga County professional personal in schools are between the ages of 33-56.

Age Distribution of Staff in Onondaga County Schools
2011-12



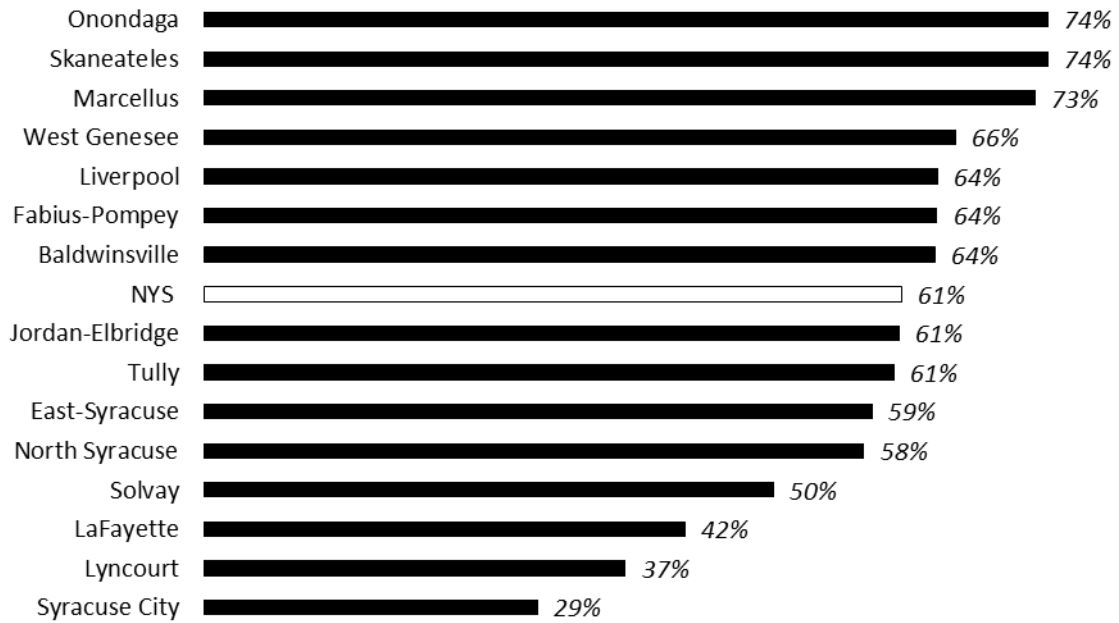
Source: New York State Department of Education Information and Reporting Services, 2011
<http://www.p12.nysed.gov/irs/pmf/2011-12/2012-Stat-01.pdf>

Age Distribution of Staff in Onondaga County Schools 2011-12		
Age	Number of Staff	Percent
Under 26	63	1%
26-32	908	13%
33-40	1,555	23%
41-48	1,700	25%
49-56	1,560	23%
57-64	957	14%
Over 65	103	2%

Mean	Median
41-48	41-48

12. 29% of Syracuse City School District grade 3 students are proficient in math, 32% below the New York State Average of 61%.

Grade 3 Math Proficiency 2012



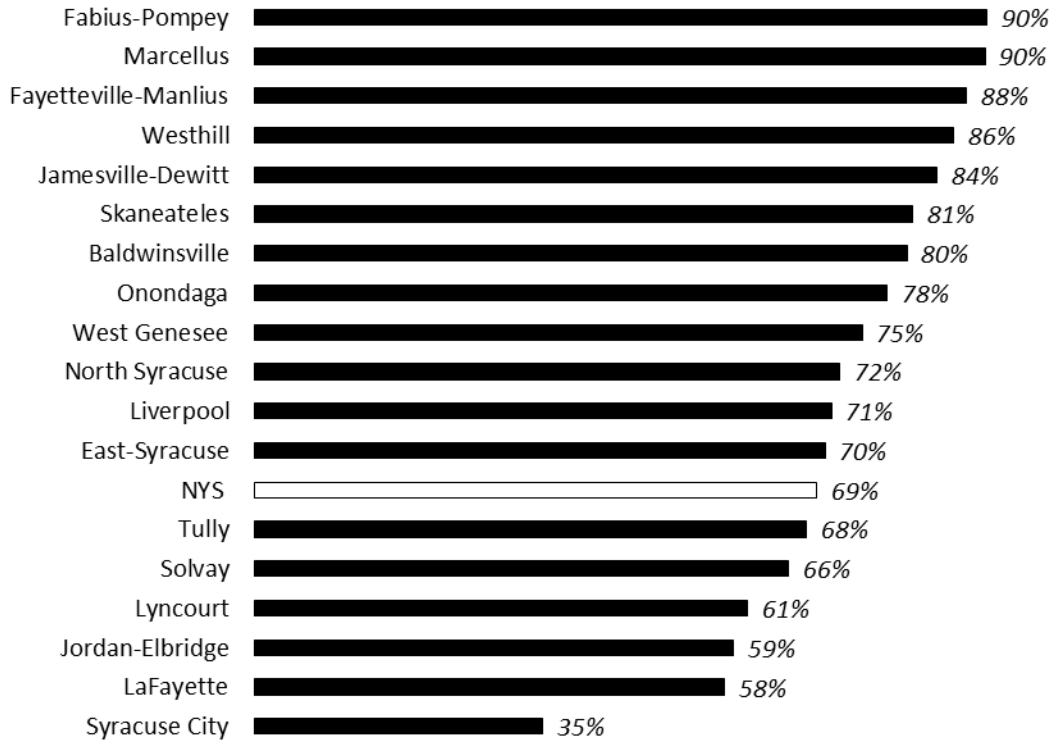
Source: CNY Regional Information Center Data Warehouse Department based on data from the NYS Education Department

Comment: Proficiency is measured as a grade of 3 and above on the New York State Exam.

Grade 3 Math Proficiency 2012	
Location	Percent of Students Proficient
Baldwinsville	64%
East-Syracuse	59%
Fabius-Pompey	64%
Fayetteville-Manlius	84%
Jamesville-Dewitt	76%
Jordan-Elbridge	61%
LaFayette	42%
Liverpool	64%
Lyncourt	37%
Marcellus	73%
North Syracuse	58%
Skaneateles	74%
Solvay	50%
Tully	61%
West Genesee	66%
Westhill	84%
Syracuse City	29%
Onondaga	74%
NYS	61%

13. 35% of Syracuse City School District grade 4 students are proficient in math, 34% below the New York State Average of 69%.

Grade 4 Math Proficiency 2012

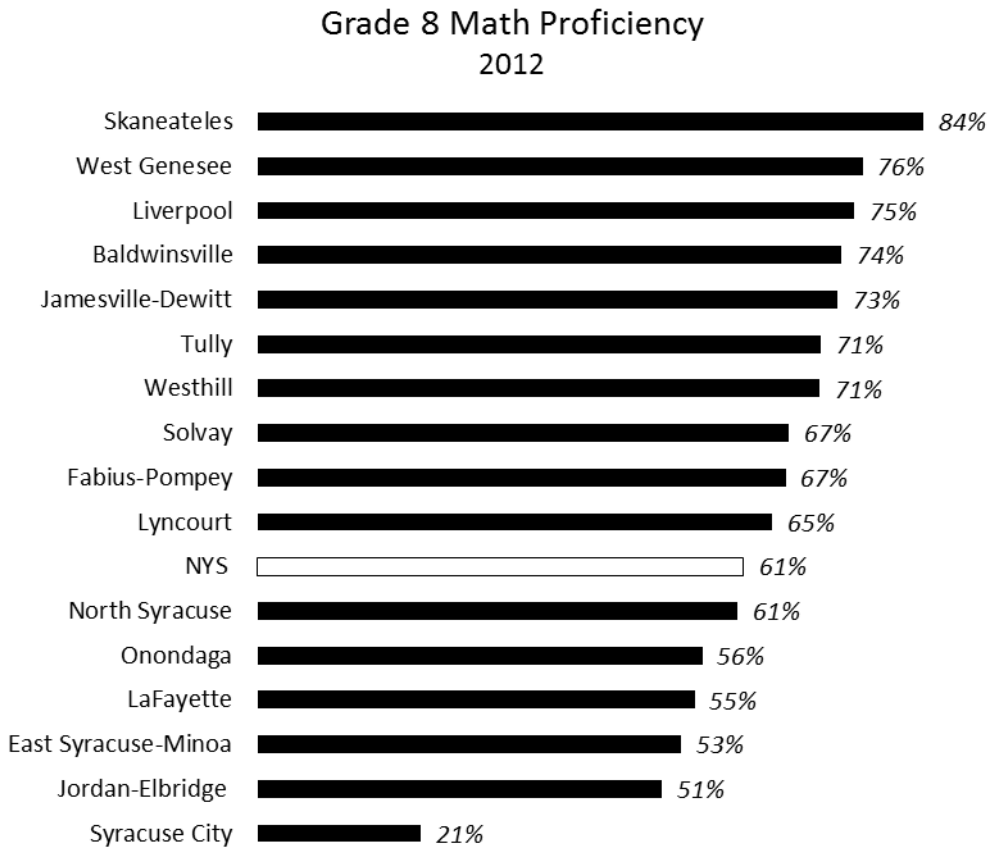


Source: CNY Regional Information Center Data Warehouse Department based on data from the NYS Education Department

Comment: Proficiency is measured as a grade of 3 and above on the New York State Exam.

Grade 4 Math Proficiency 2012	
Location	Percent of Students Proficient
Baldwinsville	80%
East-Syracuse	70%
Fabius-Pompey	90%
Fayetteville-Manlius	88%
Jamesville-Dewitt	84%
Jordan-Elbridge	59%
LaFayette	58%
Liverpool	71%
Lyncourt	61%
Marcellus	90%
North Syracuse	72%
Skaneateles	81%
Solvay	66%
Tully	68%
West Genesee	75%
Westhill	86%
Syracuse City	35%
Onondaga	78%
NYS	69%

14. 21% of Syracuse City School District grade 8 students are proficient in math, 40% below the New York State Average of 61%.



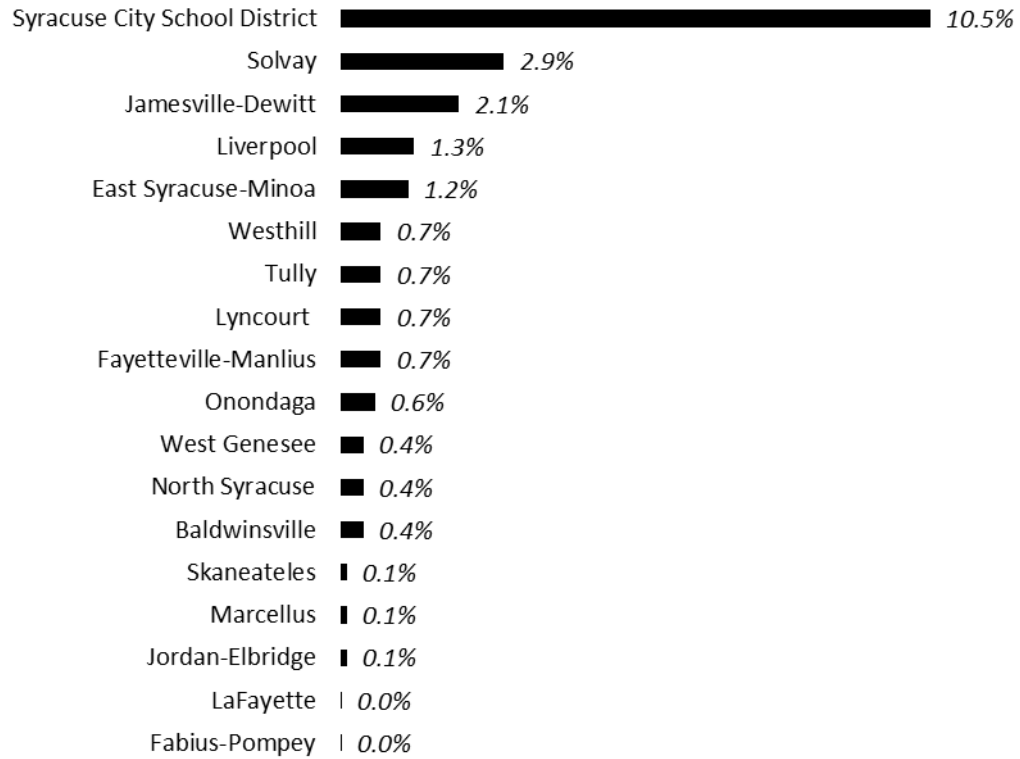
Source: CNY Regional Information Center Data Warehouse Department based on data from the NYS Education Department

Comment: Proficiency is measured as a grade of 3 and above on the New York State Exam.

Grade 8 Math Proficiency	
Location	Percent of Students Proficient
Baldwinsville	74%
East Syracuse-Minoa	53%
Fabius-Pompey	67%
Fayetteville-Manlius	93%
Jamesville-Dewitt	73%
Jordan-Elbridge	51%
LaFayette	55%
Liverpool	75%
Lyncourt	65%
Marcellus	89%
North Syracuse	61%
Skaneateles	84%
Solvay	67%
Tully	71%
West Genesee	76%
Westhill	71%
Syracuse City	21%
Onondaga	56%
NYS	61%

15. 10.5% of students in Syracuse City School District are not proficient in English.

Percent of Students not Proficient in English
2009-10

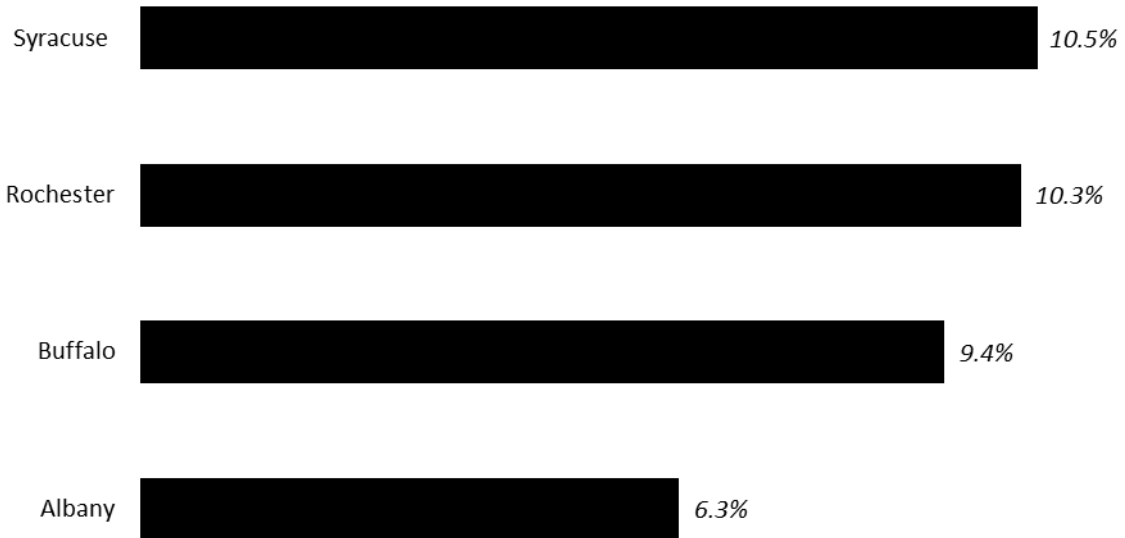


Source: Cornell Program on Applied Demographics, 2013
<http://pad.human.cornell.edu/schools/maps.cfm>

Students not Proficient in English 2009-10	
Location	Percent of Students
Baldwinsville	0.4%
East Syracuse-Minoa	1.2%
Fabius-Pompey	0.0%
Fayetteville-Manlius	0.7%
Jamesville-Dewitt	2.1%
Jordan-Elbridge	0.1%
LaFayette	0.0%
Liverpool	1.3%
Lyncourt	0.7%
Marcellus	0.1%
North Syracuse	0.4%
Skaneateles	0.1%
Solvay	2.9%
Tully	0.7%
West Genesee	0.4%
Westhill	0.7%
Syracuse City School District	10.5%
Onondaga	0.6%

16. 10.5% of students in the Syracuse City School District are not proficient in English, the highest of the three upstate school districts with which it was compared.

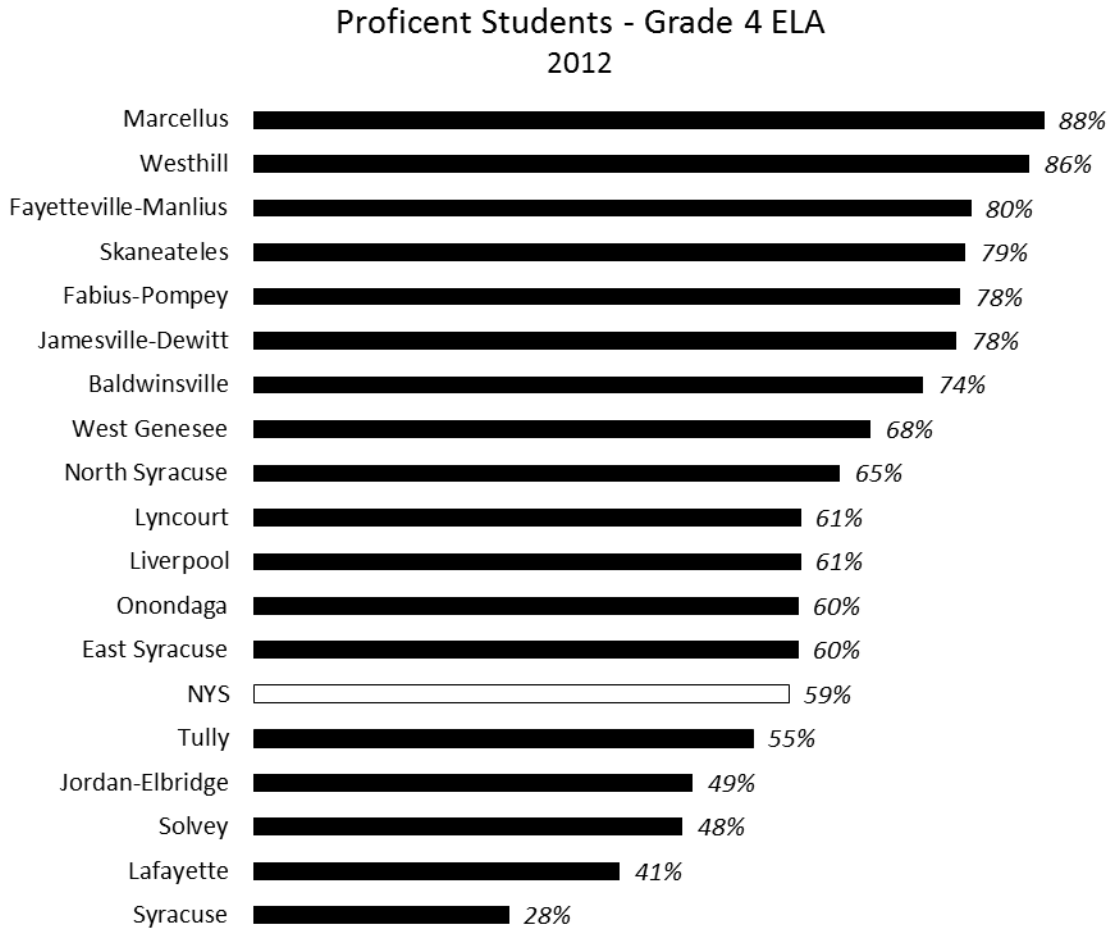
Percent of Students not Proficient in English for Four
Upstate Cities
2009-10



Source: Cornell Program on Applied Demographics, 2013
<http://pad.human.cornell.edu/schools/maps.cfm>

Students not Proficient in English 2009-10	
City	Percent of Students
Albany	6.3%
Buffalo	9.4%
Rochester	10.3%
Syracuse	10.5%

17. 28% of fourth grade students in the Syracuse City School District are proficient in English Language Arts, compared to the statewide average of 59% in 2012.



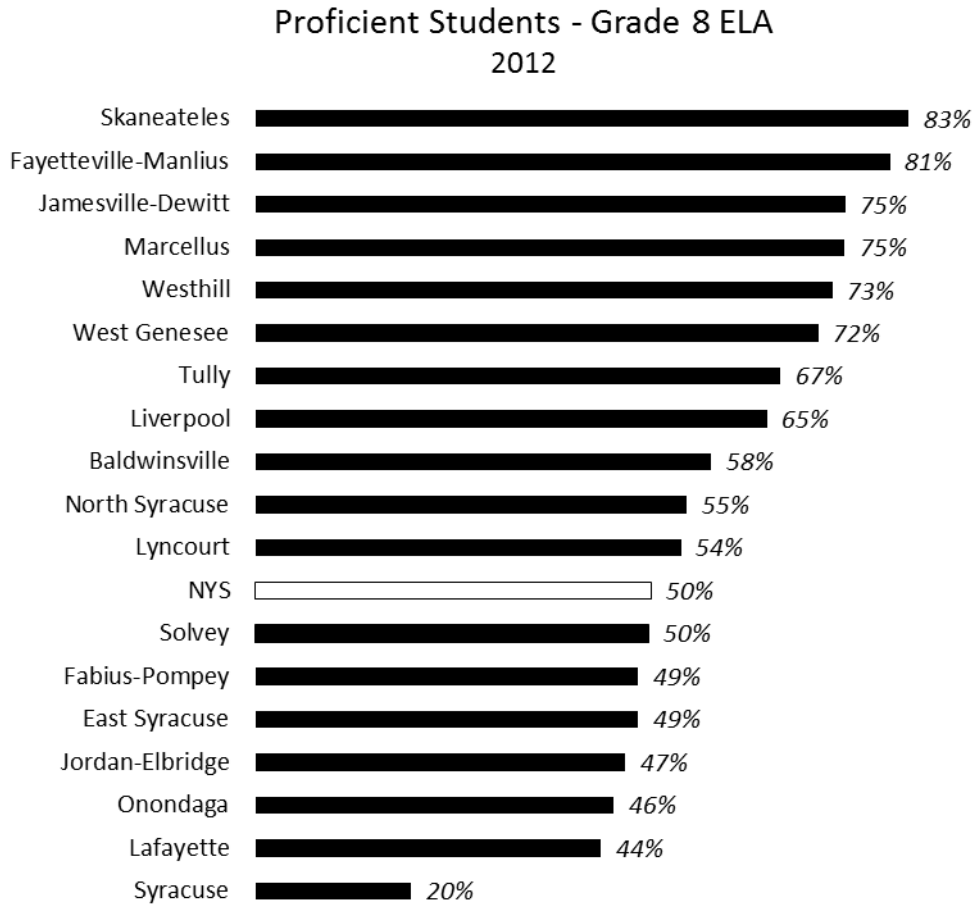
Source: Source: New York State Report Card 2012, Grades 3-8 English Language Arts and Mathematics Assessments

<http://www.p12.nysed.gov/irs/ela-math/2012/DistrictandBuildingAggregates-StateReport.pdf>

Comment: Proficiency is measured as a grade of 3 and above on the New York State Exam.

Proficient Students- Grade 4 ELA 2010-12			
Location	2010	2011	2012
Baldwinsville	69%	64%	74%
East Syracuse	54%	63%	60%
Fabius-Pompey	80%	69%	78%
Fayetteville-Manlius	77%	84%	80%
Jamesville-Dewitt	79%	75%	78%
Jordan-Elbridge	49%	44%	49%
Lafayette	65%	47%	41%
Liverpool	65%	59%	61%
Lyncourt	36%	55%	61%
Marcellus	75%	80%	88%
North Syracuse	62%	57%	65%
Skaneateles	78%	85%	79%
Solvey	47%	47%	48%
Tully	63%	53%	55%
West Genesee	69%	71%	68%
Westhill	85%	75%	86%
Syracuse	28%	26%	28%
Onondaga	66%	72%	60%
NYS	57%	57%	59%

18. 20% of eighth grade students in the Syracuse City School District are proficient in English Language Arts, compared to the statewide average of 50% in 2012.



Source: Source: New York State Report Card 2012, Grades 3-8 English Language Arts and Mathematics Assessments

<http://www.p12.nysed.gov/irs/ela-math/2012/DistrictandBuildingAggregates-StateReport.pdf>

Comment: Proficiency is measured as a grade of 3 and above on the New York State Exam.