



2018–2019

CNYRIC Data Portfolio

CNYRIC CSD

Math 3-8



Central New York Regional Information Center Data Warehouse

District Data was downloaded from COGNOS Level 1 Cubes on Tuesday, October 15, 2019, reflecting data in the CNYRIC regional Data Warehouse as of October 11, 2019

Data for Need/Resource Groups is taken from the SED Media file and is available at <http://data.nysed.gov/downloads.php>

CNYRIC CSD is in Need/Resource Group 4: High Need-to-Resource Rural

Summary of Math Results

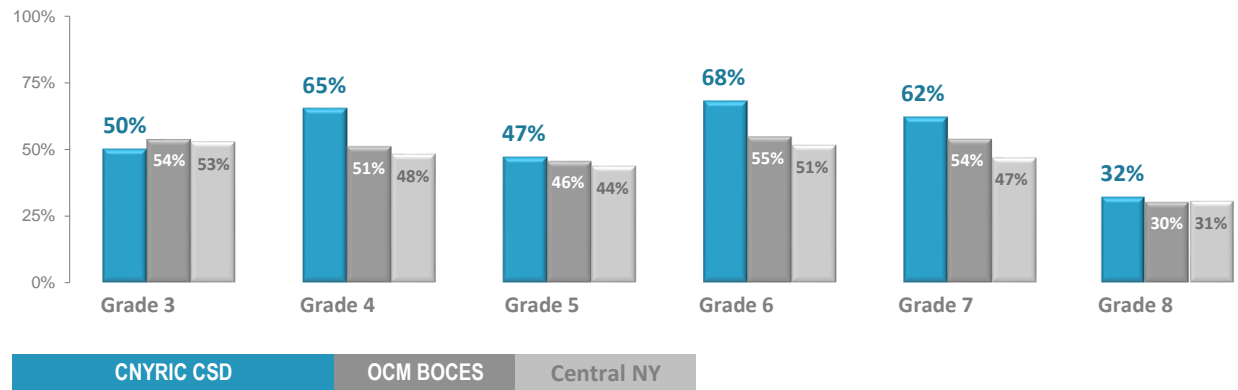
CNYRIC CSD, 2018–19



Central New York Regional Information Center
Educational Data Services Department

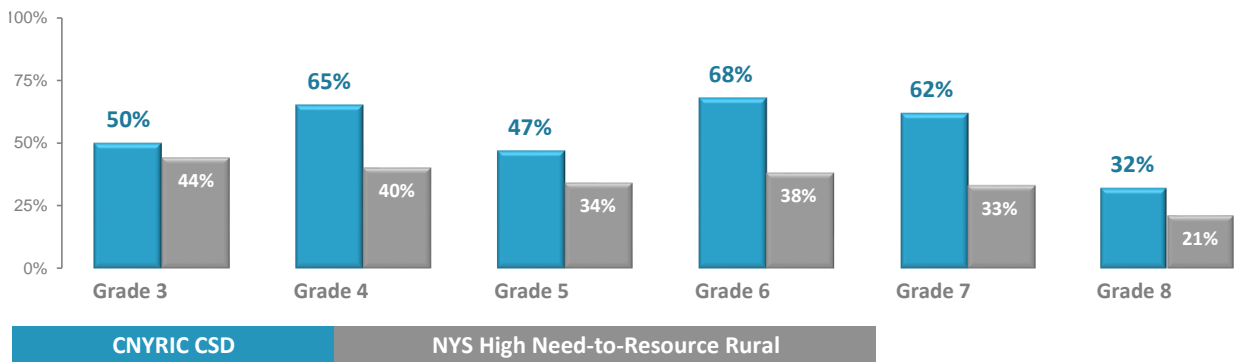
CNYRIC CSD compared to OCM BOCES and Central NY

Percent of students who achieved Performance Levels 3 and 4



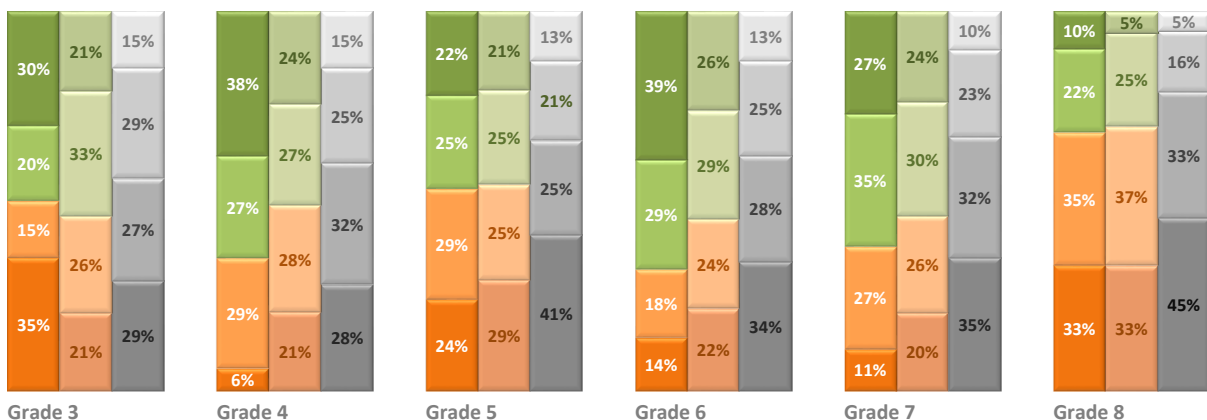
CNYRIC CSD compared to High Need-to-Resource Rural schools in NY State

Percent of students who achieved Performance Levels 3 and 4



Percent of students who achieved each Performance Level

CNYRIC CSD compared to OCM BOCES and NYS High Need-to-Resource Rural Schools



Level 4	CNYRIC CSD	Level 4	OCM BOCES	Level 4	NYS High Need-to-Resource Rural
Level 3	CNYRIC CSD	Level 3	OCM BOCES	Level 3	NYS High Need-to-Resource Rural
Level 2	CNYRIC CSD	Level 2	OCM BOCES	Level 2	NYS High Need-to-Resource Rural
Level 1	CNYRIC CSD	Level 1	OCM BOCES	Level 1	NYS High Need-to-Resource Rural

Data Source: COGNOS Level 1 Cubes, 15 October 2019. Need/Resource categories from NYSED 2018–19 Report Card data base

Math Trends Over Five Years

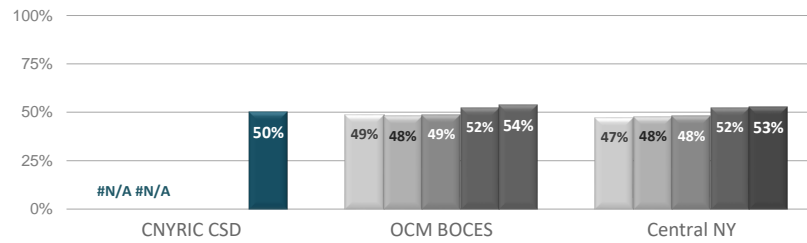
CNYRIC CSD, Grades 3 through 8



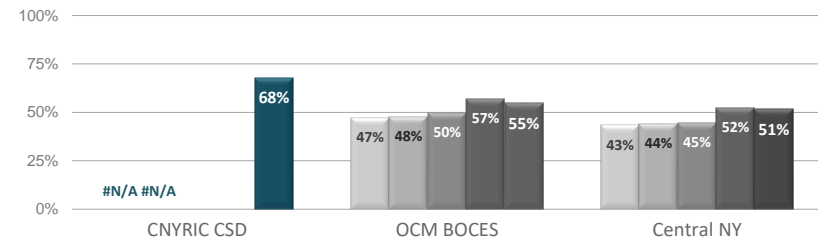
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Percent of students in each grade who achieved Levels 3 and 4

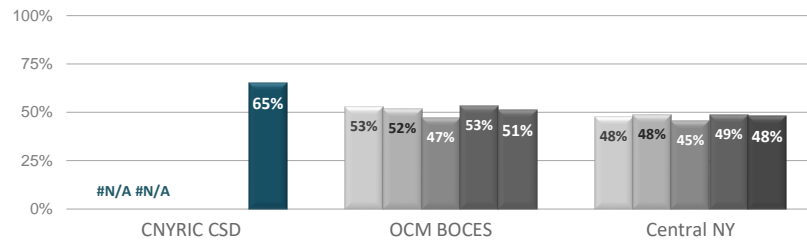
Grade 3



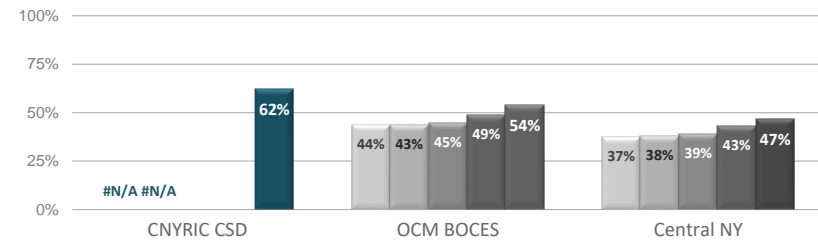
Grade 6



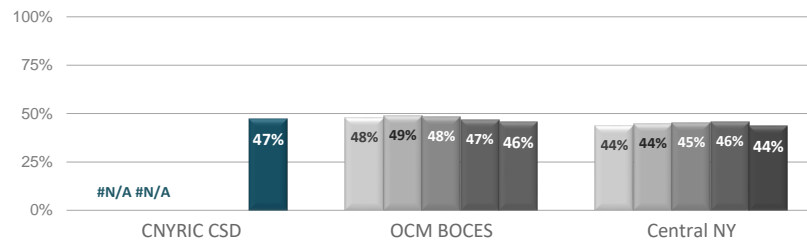
Grade 4



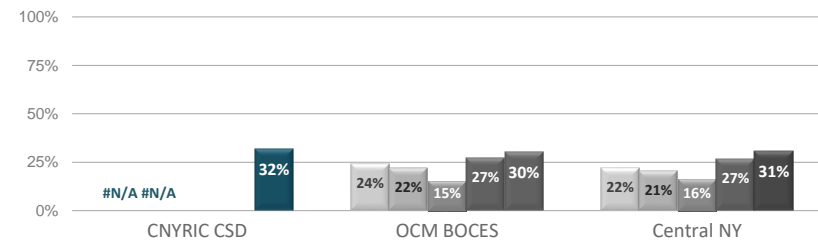
Grade 7



Grade 5



Grade 8



Data Source: COGNOS Level 1 Cubes, 15 October 2019

*Due to the new two-session test design and performance standards, the 2018 and 2019 cannot be compared to prior years.

Math Results Subdivided Within Performance Levels

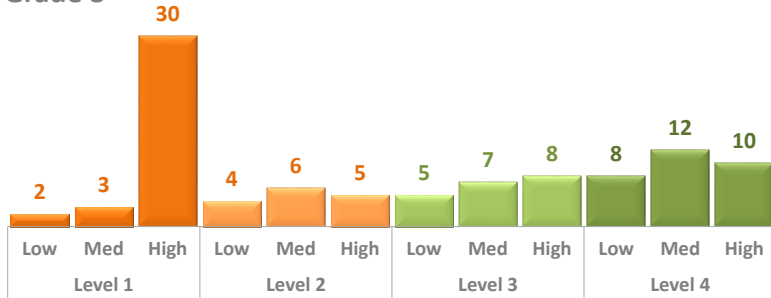
CNYRIC CSD, 2018–19



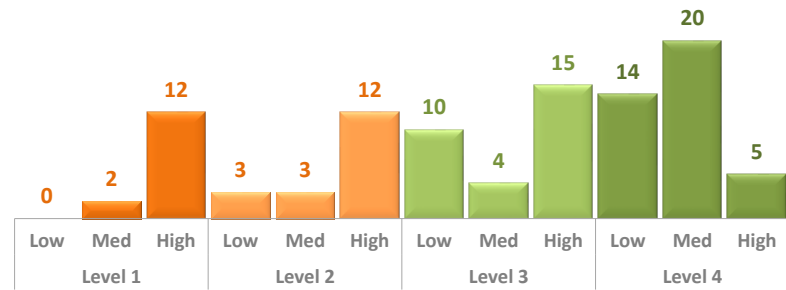
Central New York Regional Information Center
Educational Data Services Department

Number of students who achieved each Math Performance Level subdivision

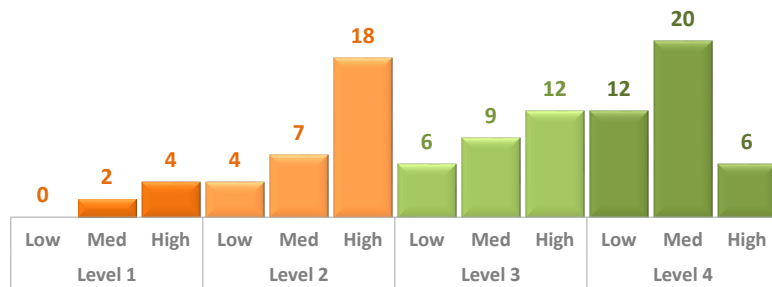
Grade 3



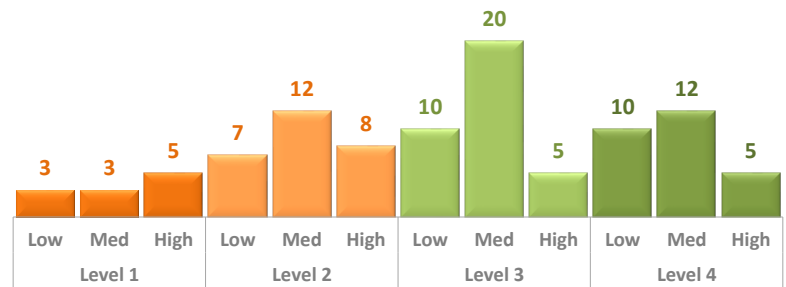
Grade 6



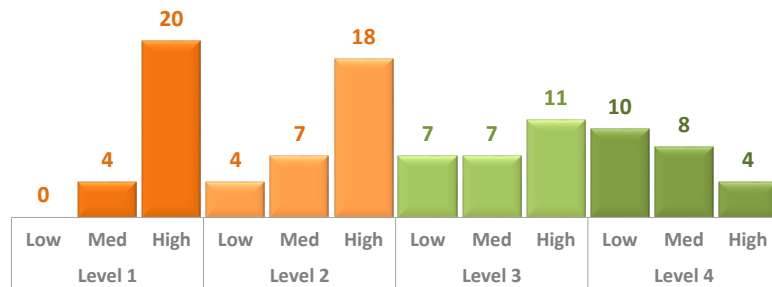
Grade 4



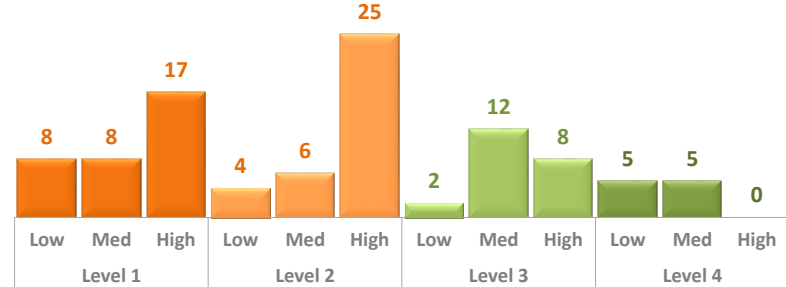
Grade 7



Grade 5



Grade 8



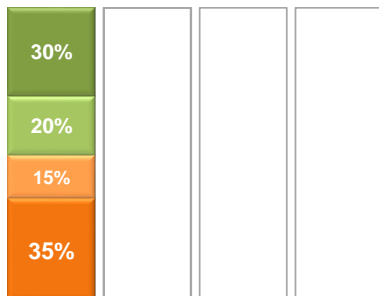
Math Results by Grade-Level Cohort

Percent of students who achieved each Performance Level
CNYRIC CSD, Students in grades 3 through 5 in 2018–19

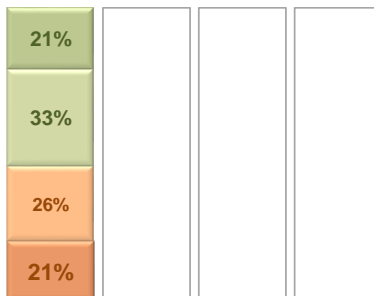


Central New York Regional Information Center
Educational Data Services Department

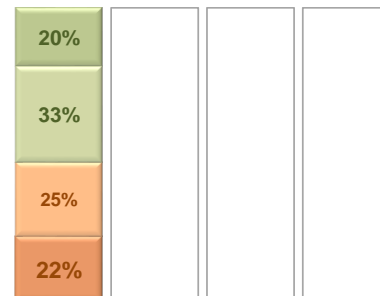
Students who were in Grade 3 in 2018–19



Gr 3
CNYRIC CSD

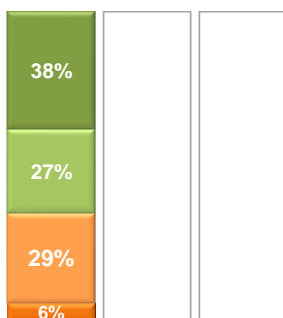


Gr 3
OCM BOCES

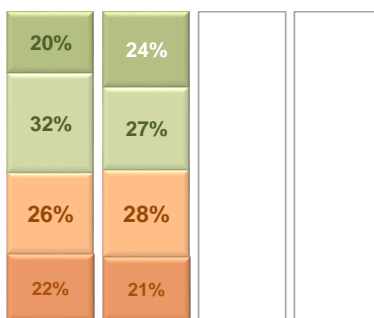


Gr 3
Central NY

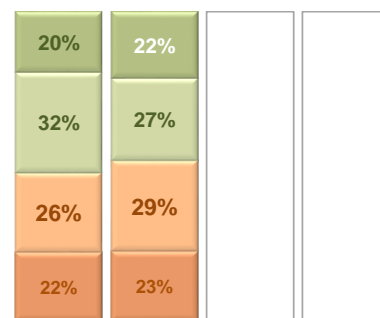
Students who were in Grade 4 in 2018–19



Gr 3
Gr 4
CNYRIC CSD

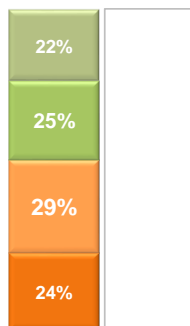


Gr 3
Gr 4
OCM BOCES

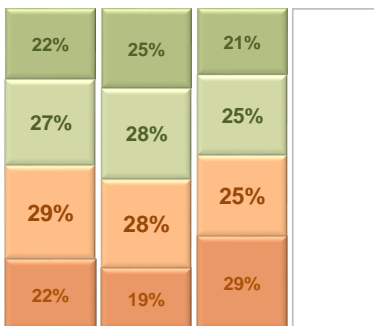


Gr 3
Gr 4
Central NY

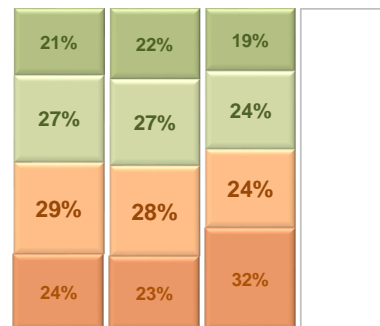
Students who were in Grade 5 in 2018–19



Gr 3
Gr 4
Gr 5
CNYRIC CSD



Gr 3
Gr 4
Gr 5
OCM BOCES



Gr 3
Gr 4
Gr 5
Central NY

Level 4 CNYRIC CSD	Level 4 OCM BOCES & Central NY
Level 3 CNYRIC CSD	Level 3 OCM BOCES & Central NY
Level 2 CNYRIC CSD	Level 2 OCM BOCES & Central NY
Level 1 CNYRIC CSD	Level 1 OCM BOCES & Central NY

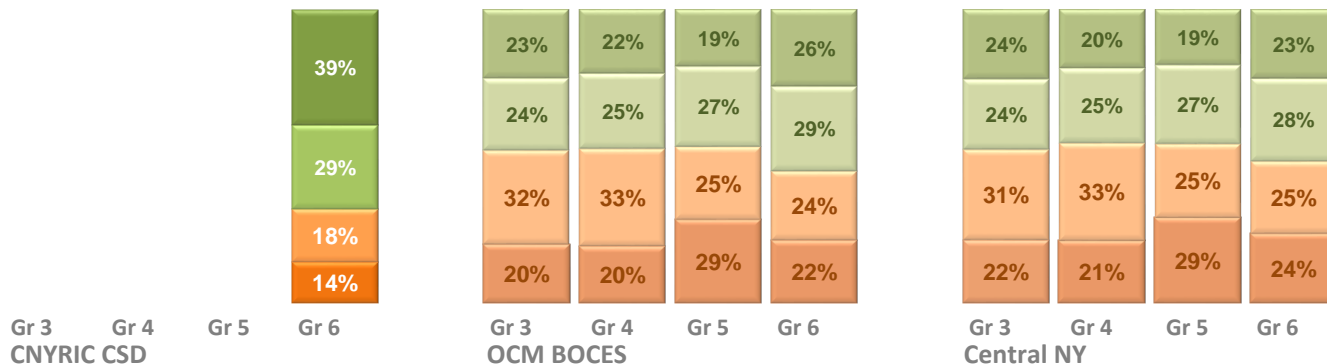
Math Results by Grade-Level Cohort

Percent of students at each Performance Level
CNYRIC CSD, Students in grades 6 through 8 in 2018–19

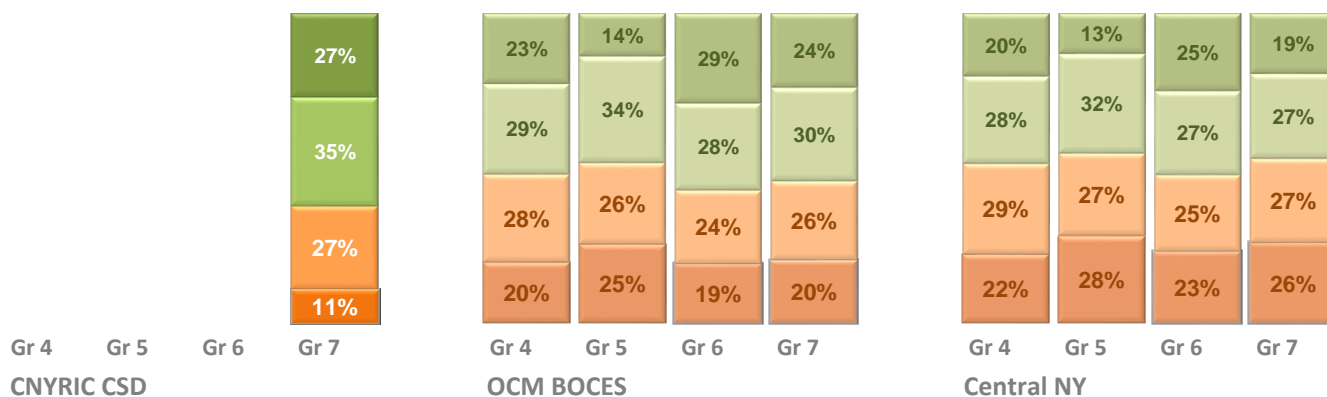


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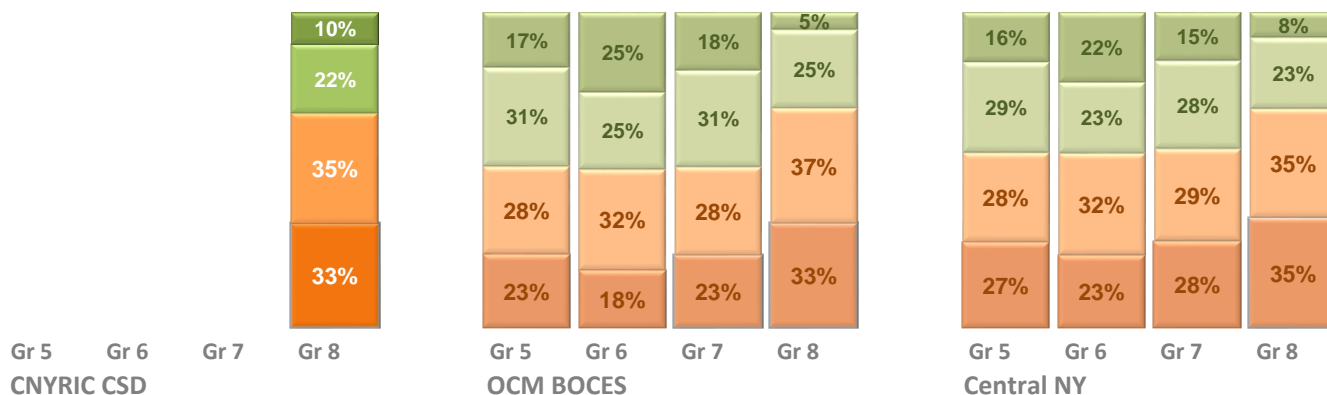
Students who were in Grade 6 in 2018–19



Students who were in Grade 7 in 2018–19



Students who were in Grade 8 in 2018–19



Level 4 CNYRIC CSD	Level 4 OCM BOCES & Central NY
Level 3 CNYRIC CSD	Level 3 OCM BOCES & Central NY
Level 2 CNYRIC CSD	Level 2 OCM BOCES & Central NY
Level 1 CNYRIC CSD	Level 1 OCM BOCES & Central NY

Data Source: COGNOS Level 1 Cubes, 15 October 2019

Math Performance of Student Subgroups

CNYRIC CSD, 2018–19

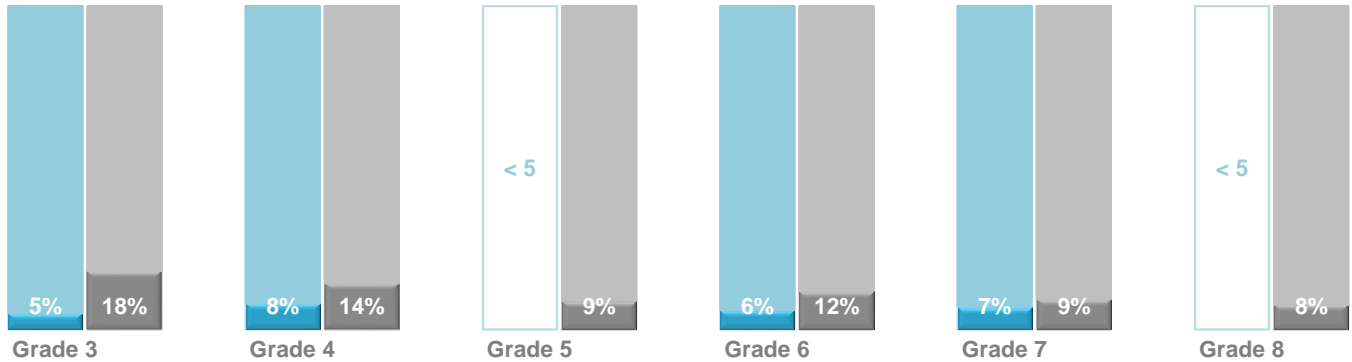


Central New York Regional Information Center
Educational Data Services Department

Performance data is not displayed for groups in which fewer than 5 students achieved proficiency.

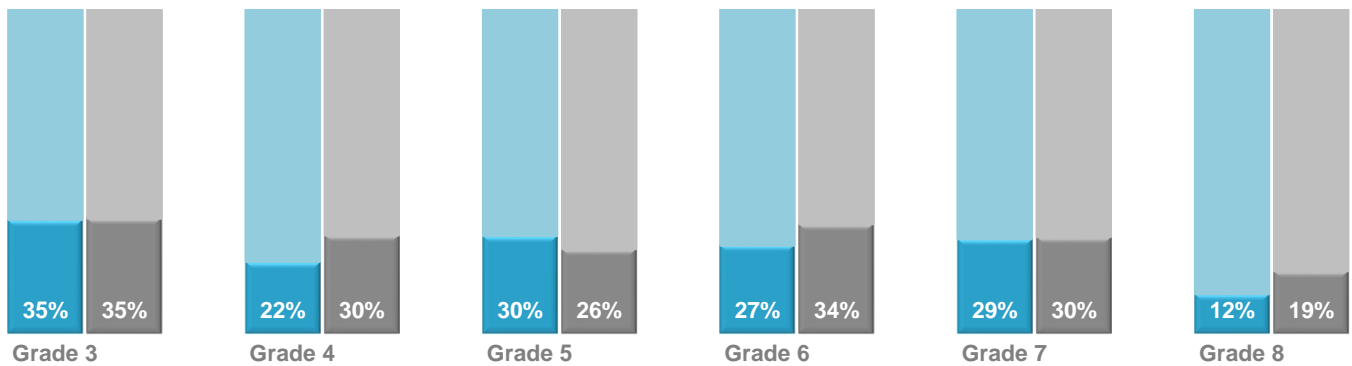
Students With Disabilities

Percent of SWD who achieved Levels 3 and 4



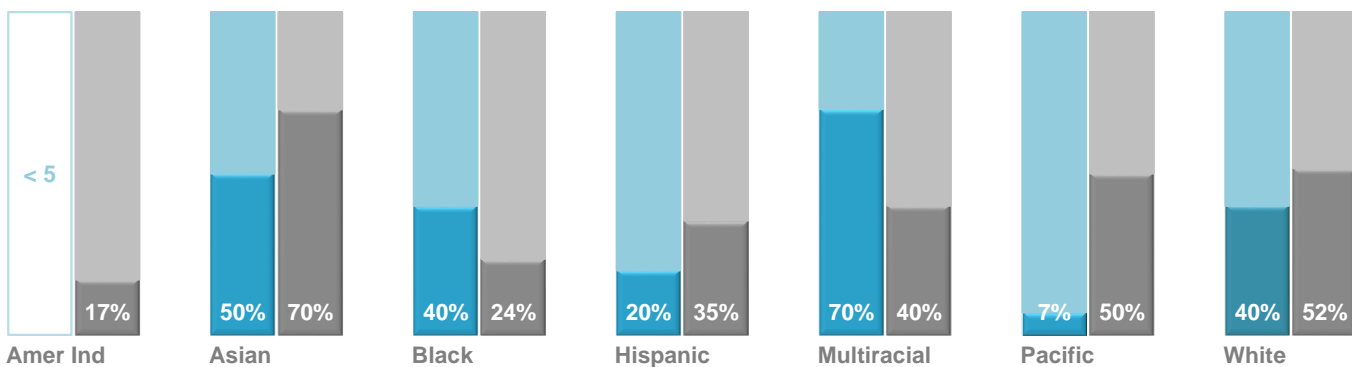
Economically Disadvantaged Students

Percent of Economically Disadvantaged students who achieved Levels 3 and 4



Math Performance by Ethnicity

Percent of students in each ethnic group who achieved Levels 3 and 4 (grades 3–8 combined)



CNYRIC CSD

OCM BOCES

Data Tables for Summary of Math Results

CNYRIC CSD, 2018–19



Central New York Regional Information Center
Educational Data Services Department

CNYRIC CSD compared to OCM BOCES and Central NY

Percent of students who achieved Performance Levels 3 and 4

	Percent of Students who are Proficient						Number of Students who are Proficient					
	Grade						Grade					
	3	4	5	6	7	8	3	4	5	6	7	8
CNYRIC	50%	65%	47%	68%	62%	32%	50	65	47	68	62	32
OCM BOCES	54%	51%	46%	55%	54%	30%	1941	1886	1663	1883	1768	640
Central NY Region	53%	48%	44%	51%	47%	31%	3673	3384	3017	3376	2903	1355

CNYRIC CSD compared to High Need-to-Resource Rural schools in NY State

Percent of students who achieved Performance Levels 3 and 4

	Percent of Students who are Proficient						Number of Students who are Proficient					
	Grade						Grade					
	3	4	5	6	7	8	3	4	5	6	7	8
CNYRIC	50%	65%	47%	68%	62%	32%	50	65	47	68	62	32
NYS High Need-to-Resource Rural	44%	40%	34%	38%	33%	21%	4331	4015	3408	3635	2973	1493

Percent of students who achieved each Performance Level

CNYRIC CSD compared to OCM BOCES and NYS High Need-to-Resource Rural Schools

Chitt = CNYRIC CSD

OCM = Onondaga Cortland Madison BOCES

N/R 4 = Need/Resource Category 4 (High Need-to-Resource Rural Districts)

	Percent of Students at each Performance Level																	
	Grade 3			Grade 4			Grade 5			Grade 6			Grade 7			Grade 8		
	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4
Level 4	30%	21%	15%	38%	24%	15%	22%	21%	13%	39%	26%	13%	27%	24%	10%	10%	5%	5%
Level 3	20%	33%	29%	27%	27%	25%	25%	25%	21%	29%	29%	25%	35%	30%	23%	22%	25%	16%
Level 2	15%	26%	27%	29%	28%	32%	29%	25%	25%	18%	24%	28%	27%	26%	32%	35%	37%	33%
Level 1	35%	21%	29%	6%	21%	28%	24%	29%	41%	14%	22%	34%	11%	20%	35%	33%	33%	45%

	Number of Students at each Performance Level																	
	Grade 3			Grade 4			Grade 5			Grade 6			Grade 7			Grade 8		
	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4	Chitt	OCM	N/R 4
Level 4	30	751	1460	38	896	1492	22	751	1301	39	898	1279	27	780	901	10	116	353
Level 3	20	1190	2871	27	990	2523	25	912	2107	29	985	2356	35	988	2072	22	524	1140
Level 2	15	922	2718	29	1042	3179	29	919	2474	18	810	2640	27	837	2886	35	774	2323
Level 1	35	740	2873	6	762	2765	24	1064	4046	14	743	3230	11	670	3216	33	697	3141

Data Source: COGNOS Level 1 Cubes, 15 October 2019 and NYSED 2011-12 Report Card Data Base

Data Tables for Math Trends Over Five Years

CNYRIC CSD, Grades 3 through 8



Central New York Regional Information Center
Educational Data Services Department

Percent of students in each grade who achieved Levels 3 and 4

Grade 3

	Percent of Students					Number of Students				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
CNYRIC	#N/A	#N/A	#N/A	#N/A	50%	#N/A	#N/A	#N/A	#N/A	50
OCM BOCES	49%	48%	49%	52%	54%	1554	1615	1736	1926	1941
Central NY	47%	48%	48%	52%	53%	2964	3087	3284	3678	3673

Grade 6

	Percent of Students					Number of Students				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
CNYRIC	#N/A	#N/A	#N/A	#N/A	68%	#N/A	#N/A	#N/A	#N/A	68
OCM BOCES	47%	48%	50%	57%	55%	1382	1387	1515	1855	1883
Central NY	43%	44%	45%	52%	51%	2495	2493	2609	3255	3376

Grade 4

	Percent of Students					Number of Students				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
CNYRIC	#N/A	#N/A	#N/A	#N/A	65%	#N/A	#N/A	#N/A	#N/A	65
OCM BOCES	53%	52%	47%	53%	51%	1663	1642	1628	1902	1886
Central NY	48%	48%	45%	49%	48%	2880	2987	2976	3343	3384

Grade 7

	Percent of Students					Number of Students				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
CNYRIC	#N/A	#N/A	#N/A	#N/A	62%	#N/A	#N/A	#N/A	#N/A	62
OCM BOCES	44%	43%	45%	49%	54%	1244	1173	1291	1527	1768
Central NY	37%	38%	39%	43%	47%	1989	1948	2142	2506	2903

Grade 5

	Percent of Students					Number of Students				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
CNYRIC	#N/A	#N/A	#N/A	#N/A	47%	#N/A	#N/A	#N/A	#N/A	47
OCM BOCES	48%	49%	48%	47%	46%	1466	1472	1535	1619	1663
Central NY	44%	44%	45%	46%	44%	2604	2571	2782	2992	3017

Grade 8

	Percent of Students					Number of Students				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
CNYRIC	#N/A	#N/A	#N/A	#N/A	32%	#N/A	#N/A	#N/A	#N/A	32
OCM BOCES	24%	22%	15%	27%	30%	451	380	278	557	640
Central NY	22%	21%	16%	27%	31%	869	729	624	1136	1355

Data Source: COGNOS Level 1 Cubes, 15 October 2019

Data Table for Math Results Subdivided Within Performance Levels

CNYRIC CSD, 2018–19



Central New York Regional Information Center
Educational Data Services Department

Number of students who achieved each Math Performance Level subdivision

	Level 1			Level 2			Level 3			Level 4		
	Low	Med	High	Low	Med	High	Low	Med	High	Low	Med	High
Grade 3	2	3	30	4	6	5	5	7	8	8	12	10
Grade 4	0	2	4	4	7	18	6	9	12	12	20	6
Grade 5	0	4	20	4	7	18	7	7	11	10	8	4
Grade 6	0	2	12	3	3	12	10	4	15	14	20	5
Grade 7	3	3	5	7	12	8	10	20	5	10	12	5
Grade 8	8	8	17	4	6	25	2	12	8	5	5	0

Data Source: COGNOS Level 1 Cubes, 15 October 2019

Math Results by Grade-Level Cohort

Percent of students who achieved each Performance Level
CNYRIC CSD, 2018–19



Central New York Regional Information Center
Educational Data Services Department

Students who were in Grade 3 in 2018–19

Percent of students at each level

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2019 Gr 3				2019 Gr 3				2019 Gr 3			
Level 4	30%				21%				20%			
Level 3	20%				33%				33%			
Level 2	15%				26%				25%			
Level 1	35%				21%				22%			

Number of students at each level

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2019 Gr 3				2019 Gr 3				2019 Gr 3			
	30				751				1383			
	20				1190				2290			
	15				922				1760			
	35				740				1540			

Students who were in Grade 4 in 2018–19

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2018 Gr 3		2019 Gr 4		2018 Gr 3		2019 Gr 4		2018 Gr 3		2019 Gr 4	
Level 4	#N/A	38%			20%	24%			20%	22%		
Level 3	#N/A	27%			32%	27%			32%	27%		
Level 2	#N/A	29%			26%	28%			26%	29%		
Level 1	#N/A	6%			22%	21%			22%	23%		

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2018 Gr 3		2019 Gr 4		2018 Gr 3		2019 Gr 4		2018 Gr 3		2019 Gr 4	
	#N/A	38			733	896			1390	1516		
	#N/A	27			1193	990			2288	1868		
	#N/A	29			976	1042			1818	2060		
	#N/A	6			801	762			1569	1586		

Students who were in Grade 5 in 2018–19

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2017 Gr 3		2018 Gr 4		2019 Gr 5		2017 Gr 3		2018 Gr 4		2019 Gr 5	
Level 4	#N/A	#N/A	22%		22%	25%	21%		21%	22%	19%	
Level 3	#N/A	#N/A	25%		27%	28%	25%		27%	27%	24%	
Level 2	#N/A	#N/A	29%		29%	28%	25%		29%	28%	24%	
Level 1	#N/A	#N/A	24%		22%	19%	29%		24%	23%	32%	

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2017 Gr 3		2018 Gr 4		2019 Gr 5		2017 Gr 3		2018 Gr 4		2019 Gr 5	
	#N/A	#N/A	22		780	886	751		1416	1499	1334	
	#N/A	#N/A	25		956	1016	912		1868	1844	1683	
	#N/A	#N/A	29		1037	988	919		1963	1931	1691	
	#N/A	#N/A	24		788	695	1064		1629	1575	2201	

Math Results by Grade-Level Cohort

Percent of students who achieved each Performance Level
CNYRIC CSD, 2018–19



Central New York Regional Information Center
Educational Data Services Department

Students who were in Grade 6 in 2018–19

Percent of students at each level

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019
	Gr 3	Gr 4	Gr 5	Gr 6	Gr 3	Gr 4	Gr 5	Gr 6	Gr 3	Gr 4	Gr 5	Gr 6
Level 4	#N/A	#N/A	#N/A	39%	23%	22%	19%	26%	24%	20%	19%	23%
Level 3	#N/A	#N/A	#N/A	29%	24%	25%	27%	29%	24%	25%	27%	28%
Level 2	#N/A	#N/A	#N/A	18%	32%	33%	25%	24%	31%	33%	25%	25%
Level 1	#N/A	#N/A	#N/A	14%	20%	20%	29%	22%	22%	21%	29%	24%

Number of students at each level

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019
	Gr 3	Gr 4	Gr 5	Gr 6	Gr 3	Gr 4	Gr 5	Gr 6	Gr 3	Gr 4	Gr 5	Gr 6
Level 4	#N/A	#N/A	#N/A	39	790	750	674	898	1534	1311	1242	1536
Level 3	#N/A	#N/A	#N/A	29	825	878	945	985	1553	1665	1750	1840
Level 2	#N/A	#N/A	#N/A	18	1082	1144	867	810	1997	2180	1653	1625
Level 1	#N/A	#N/A	#N/A	14	681	675	993	743	1406	1405	1916	1559

Students who were in Grade 7 in 2018–19

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019
	Gr 4	Gr 5	Gr 6	Gr 7	Gr 4	Gr 5	Gr 6	Gr 7	Gr 4	Gr 5	Gr 6	Gr 7
Level 4	#N/A	#N/A	#N/A	27%	23%	14%	29%	24%	20%	13%	25%	19%
Level 3	#N/A	#N/A	#N/A	35%	29%	34%	28%	30%	28%	32%	27%	27%
Level 2	#N/A	#N/A	#N/A	27%	28%	26%	24%	26%	29%	27%	25%	27%
Level 1	#N/A	#N/A	#N/A	11%	20%	25%	19%	20%	22%	28%	23%	26%

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019
	Gr 4	Gr 5	Gr 6	Gr 7	Gr 4	Gr 5	Gr 6	Gr 7	Gr 4	Gr 5	Gr 6	Gr 7
Level 4	#N/A	#N/A	#N/A	27	717	441	940	780	1248	800	1554	1206
Level 3	#N/A	#N/A	#N/A	35	925	1094	915	988	1739	1982	1701	1697
Level 2	#N/A	#N/A	#N/A	27	902	841	778	837	1809	1642	1552	1693
Level 1	#N/A	#N/A	#N/A	11	629	813	626	670	1380	1746	1450	1608

Students who were in Grade 8 in 2018–19

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019
	Gr 5	Gr 6	Gr 7	Gr 8	Gr 5	Gr 6	Gr 7	Gr 8	Gr 5	Gr 6	Gr 7	Gr 8
Level 4	#N/A	#N/A	#N/A	10%	17%	25%	18%	5%	16%	22%	15%	8%
Level 3	#N/A	#N/A	#N/A	22%	31%	25%	31%	25%	29%	23%	28%	23%
Level 2	#N/A	#N/A	#N/A	35%	28%	32%	28%	37%	28%	32%	29%	35%
Level 1	#N/A	#N/A	#N/A	33%	23%	18%	23%	33%	27%	23%	28%	35%

	CNYRIC CSD				OCM BOCES				Central NY Region			
	2016	2017	2018	2019	2016	2017	2018	2019	2016	2017	2018	2019
	Gr 5	Gr 6	Gr 7	Gr 8	Gr 5	Gr 6	Gr 7	Gr 8	Gr 5	Gr 6	Gr 7	Gr 8
Level 4	#N/A	#N/A	#N/A	10	524	766	569	116	905	1289	885	353
Level 3	#N/A	#N/A	#N/A	22	948	749	958	524	1666	1320	1621	1002
Level 2	#N/A	#N/A	#N/A	35	844	978	881	774	1646	1894	1700	1532
Level 1	#N/A	#N/A	#N/A	33	705	555	717	697	1571	1349	1596	1544

Data Tables for Math Performance of Student Subgroups

CNYRIC CSD, 2018–19



Central New York Regional Information Center
Educational Data Services Department

■ = Fewer than 5 students achieved proficiency.

Math Performance of Students With Disabilities

Percent of SWD who achieved Levels 3 and 4

	CNYRIC		OCM BOCES	
	Number Proficient	Percent Proficient	Number Proficient	Percent Proficient
Grade 3	5	5%	77	18%
Grade 4	8	8%	71	14%
Grade 5	■	■	41	9%
Grade 6	6	6%	49	12%
Grade 7	7	7%	37	9%
Grade 8	■	■	28	8%

Math Performance of Economically Disadvantaged Students

Percent of Economically Disadvantaged students who achieved Levels 3 and 4

	CNYRIC		OCM BOCES	
	Number Proficient	Percent Proficient	Number Proficient	Percent Proficient
Grade 3	35	35%	446	35%
Grade 4	22	22%	411	30%
Grade 5	30	30%	315	26%
Grade 6	27	27%	391	34%
Grade 7	29	29%	293	30%
Grade 8	12	12%	152	19%

Math Performance by Ethnicity

Percent of students in each ethnic group who achieved Levels 3 and 4 (grades 3–8 combined)

	CNYRIC		OCM BOCES		
	Number Proficient	Percent Proficient	Number Proficient	Percent Proficient	
Amer Ind	■	■	33	17%	American Indian or Alaska Native
Asian	300	50%	490	70%	Asian
Black	240	40%	204	24%	Black or African American
Hispanic	120	20%	312	35%	Hispanic or Latino
Multiracial	42	70%	369	40%	Multiracial
Pacific	420	7%	6	50%	Native Hawaiian/Other Pacific Islander
White	240	40%	8367	52%	White

Data Source: COGNOS Level 1 Cubes, 15 October 2019