

# SURVEY PARTICIPATION

	Submitted	%	Not Submitted	%
Rest of State Public Schools	2,652	99.8%	6	0.2%
New York City	1,583	100%	0	-
Big 4	175	100%	0	-
853, 4201, 4410, and State Operated Schools	236	99.2%	2	0.8%
Charter Schools	289	88.9%	36	11.1%
BOCES	37	100%	0	-
<b>TOTAL</b>	<b>4,972</b>	<b>99.1%</b>	<b>44</b>	<b>0.9%</b>





# DEFINITIONS

*f* “Device” is defined as a computer or computing device, such as a laptop, desktop, Chromebook, or full-sized iPad or other tablet, that

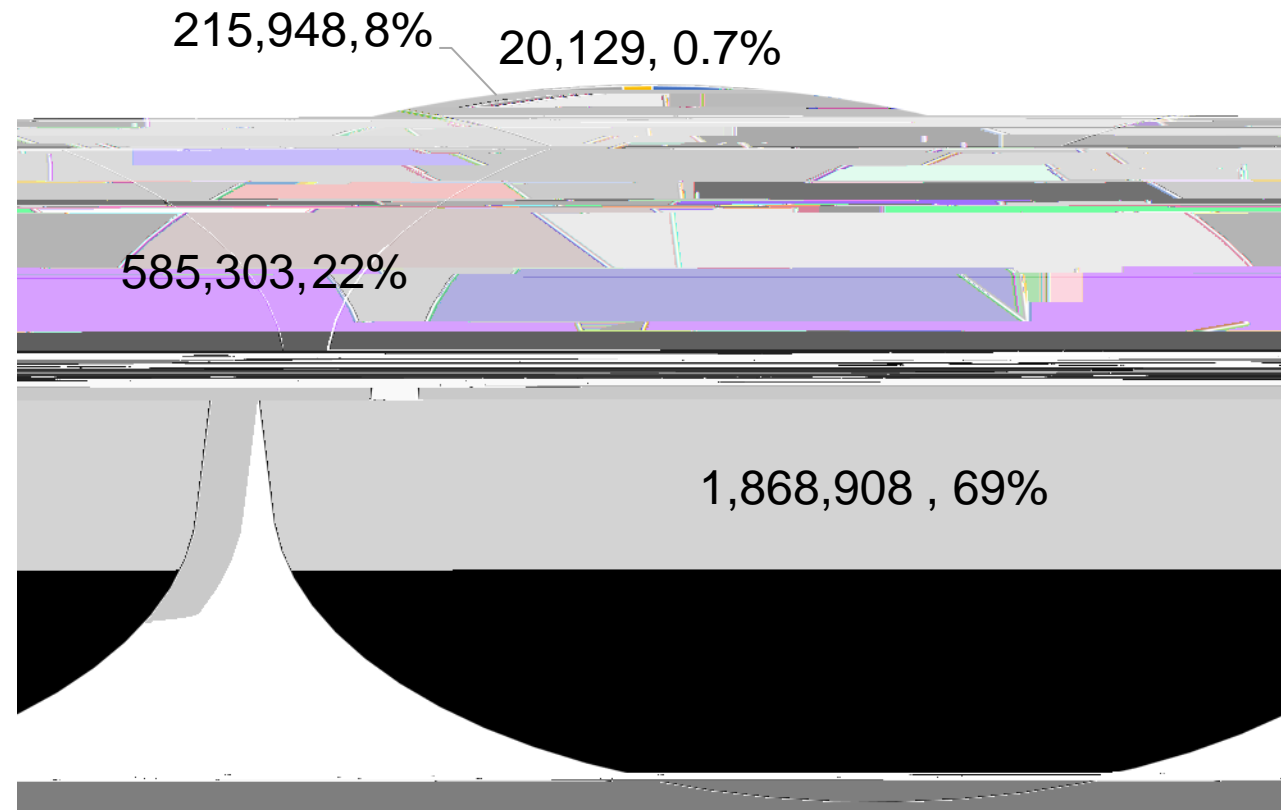
- Is able to connect to the internet (even if an internet connection is not always available);
- Has a keyboard (on-screen or external) and a mouse, touchscreen, or touchpad; and
- Can run all applications, allowing for full participation in learning.

*f* “Device,” for the purposes of this survey, is NOT a mobile internet access point, such as a MIFI.

*f* While many students may participate in learning through a phone, phones (as well as mini-tablets) are not adequate devices for full participation in learning, and schools were advised to not count phones as devices.

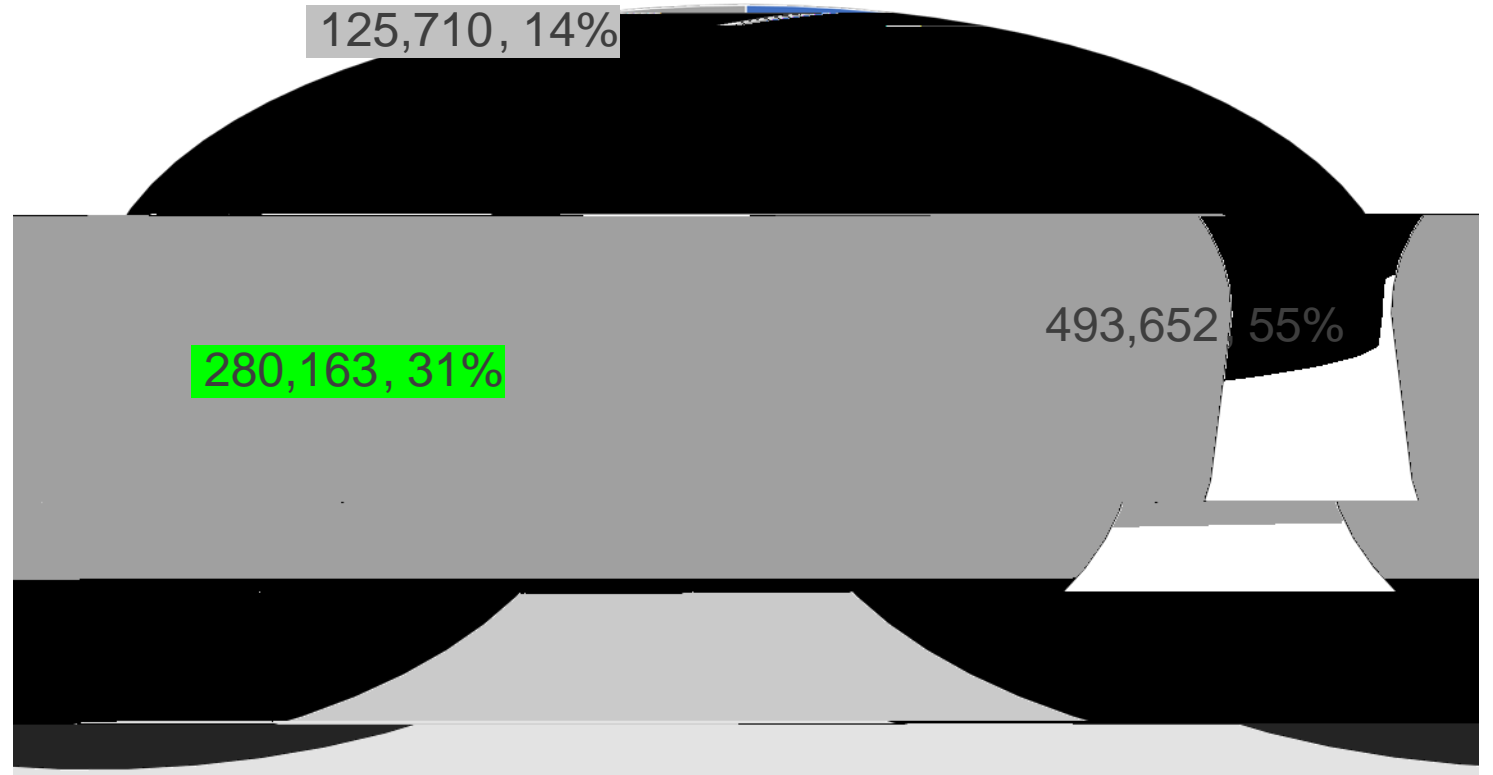
# TOTAL STUDENT ACCESS TO DEVICES FOR HOME USE

- Students provided devices by schools before and during closures
- Students with a dedicated device provided by family or guardian
- Students who do not have access to a dedicated computing device
- Enrollment of schools that did not submit a survey

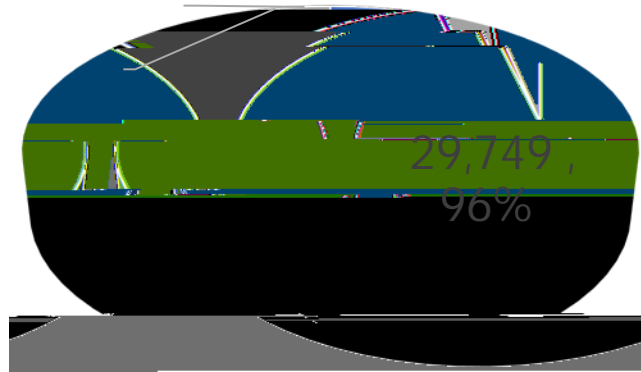


# STUDENT ACCESS TO DEVICES FOR HOME USE - NYC

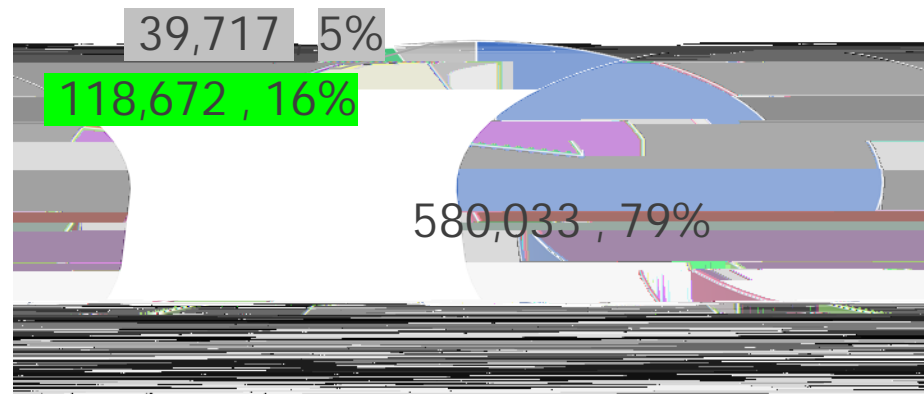
New York City



# STUDENT ACCESS TO DEVICES FOR HOME USE – BIG 4



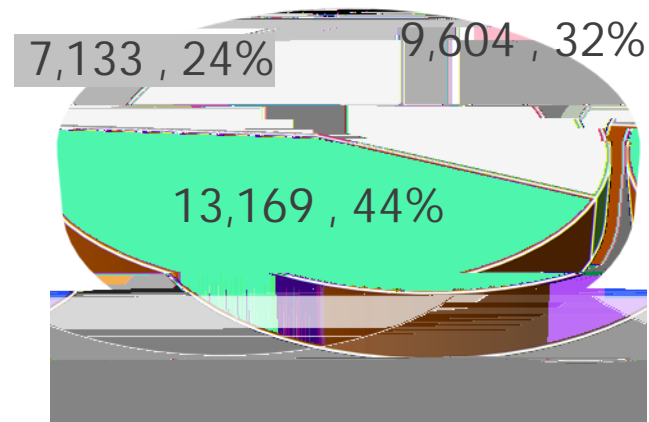
# STUDENT DEVICE ACCESS - PUBLIC SCHOOLS



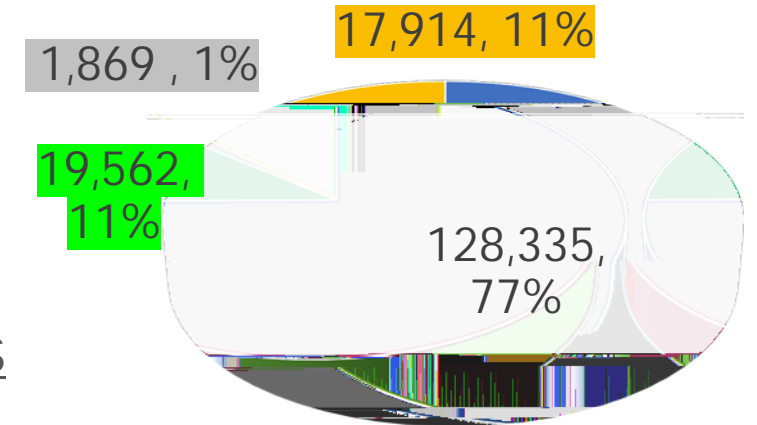


# DEVICE ACCESS - OTHER SCHOOLS

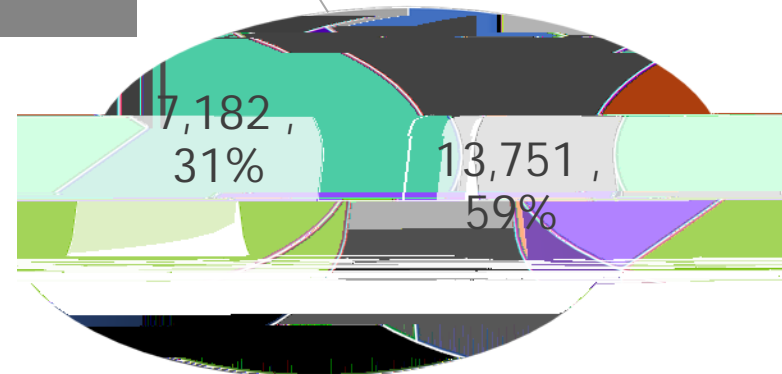
853, 4201, 4410, and State  
Operated Schools



Charter Schools



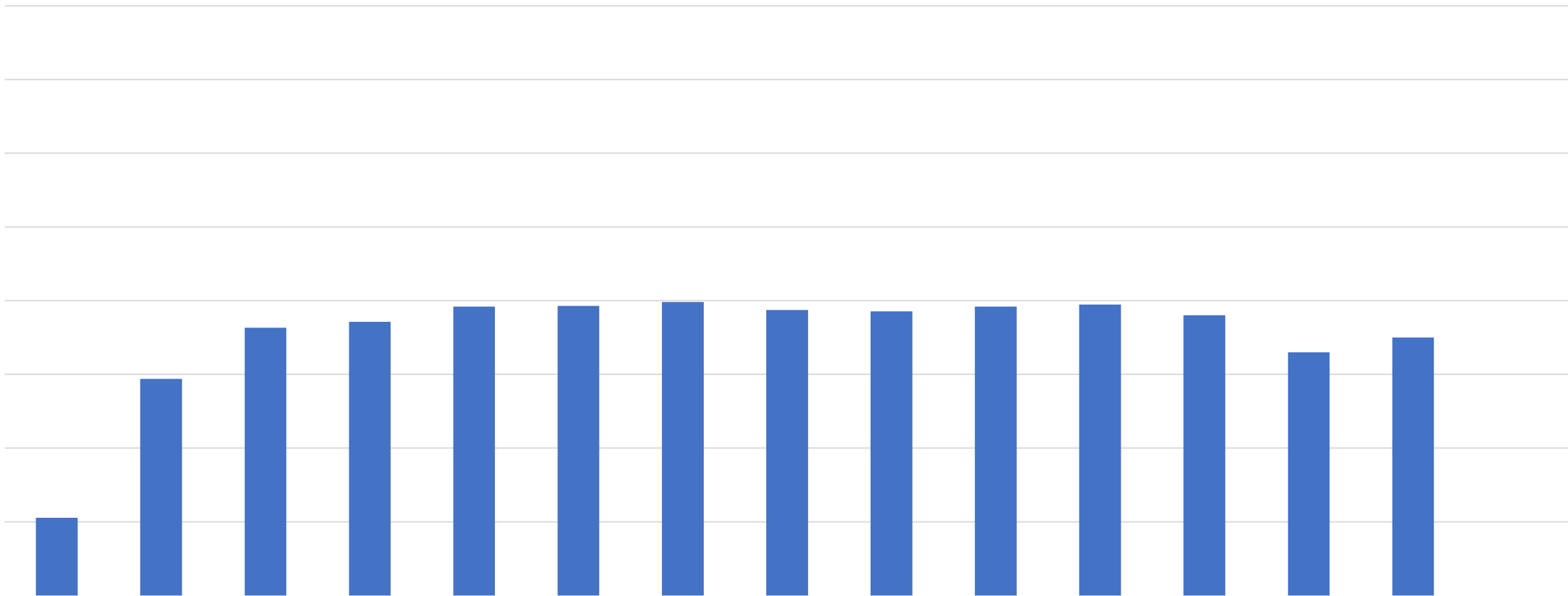
2,277 , BOCES  
10%



# DEVICE ACCESS BY GRADE LEVEL



1







# SUMMARY

## STUDENT DEVICE ACCESS

215,948 students (8% of reported enrollment) do not have sufficient access to a device at their home or place of residence.

125,710 of the total number of students without device access are enrolled in public schools in New York City.

39,717 of the total number of students without device access are enrolled in Average Needs public schools.

91,530 of the total number of students without device access attend schools that have indicated that student devices have been ordered but not yet received.

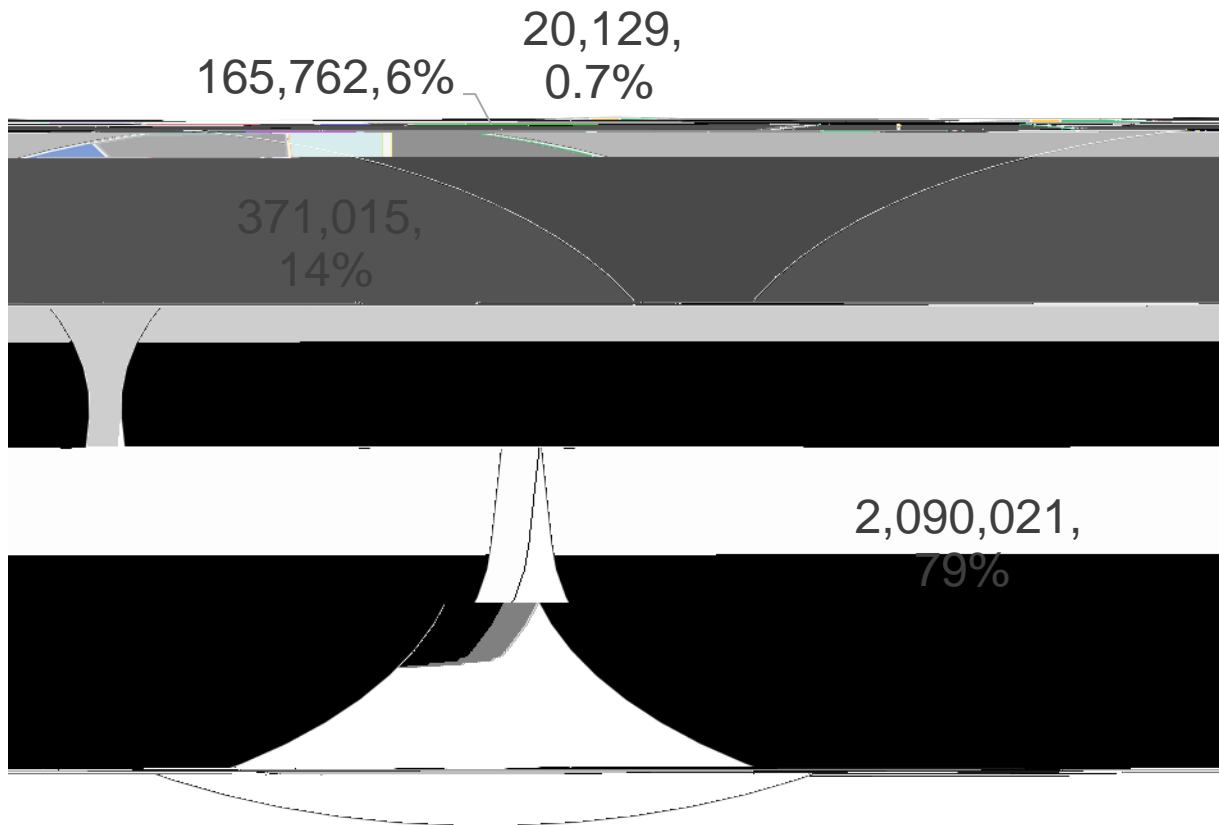




# DEFINITIONS

*f*

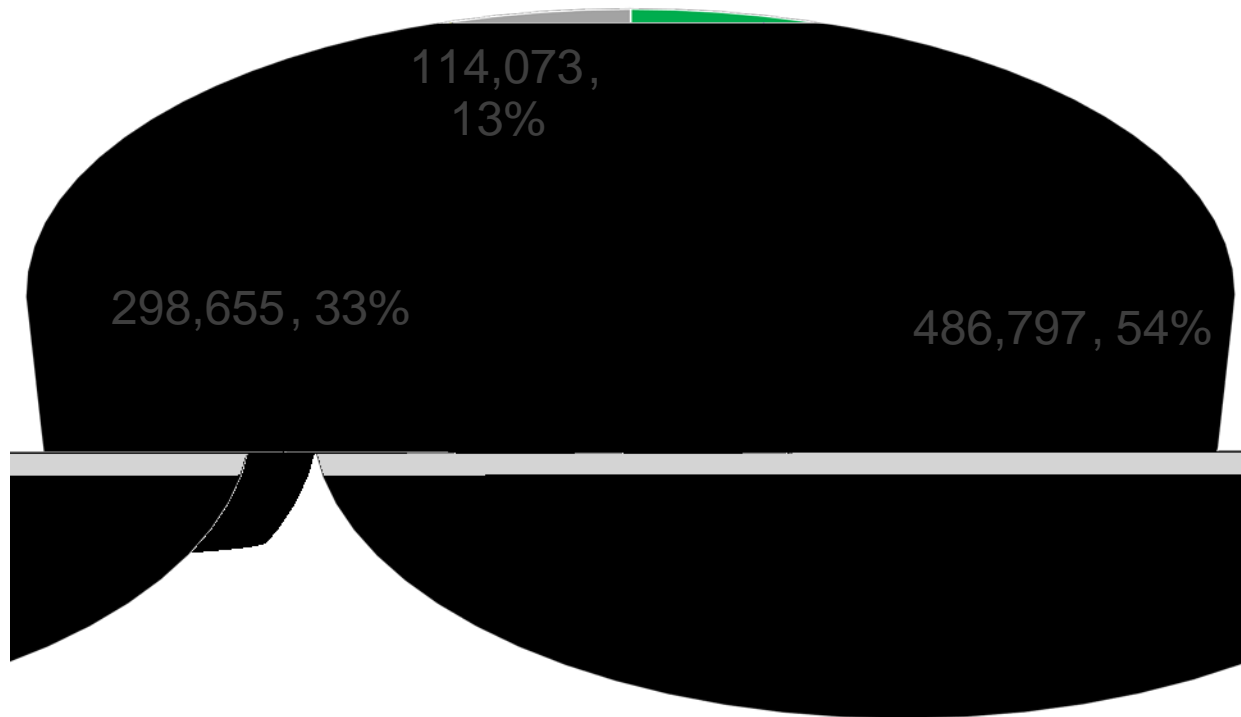




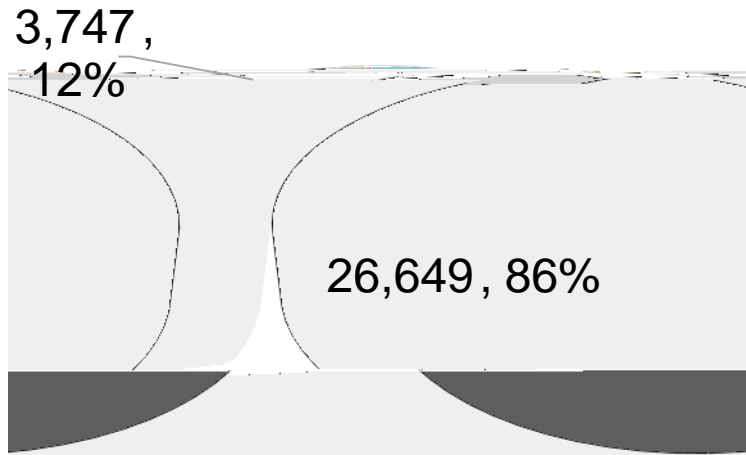
# STUDENT HOME INTERNET ACCESS

- Students with internet access provided by family
- Students with internet access provided by school
- Students with insufficient internet access
- Not reported

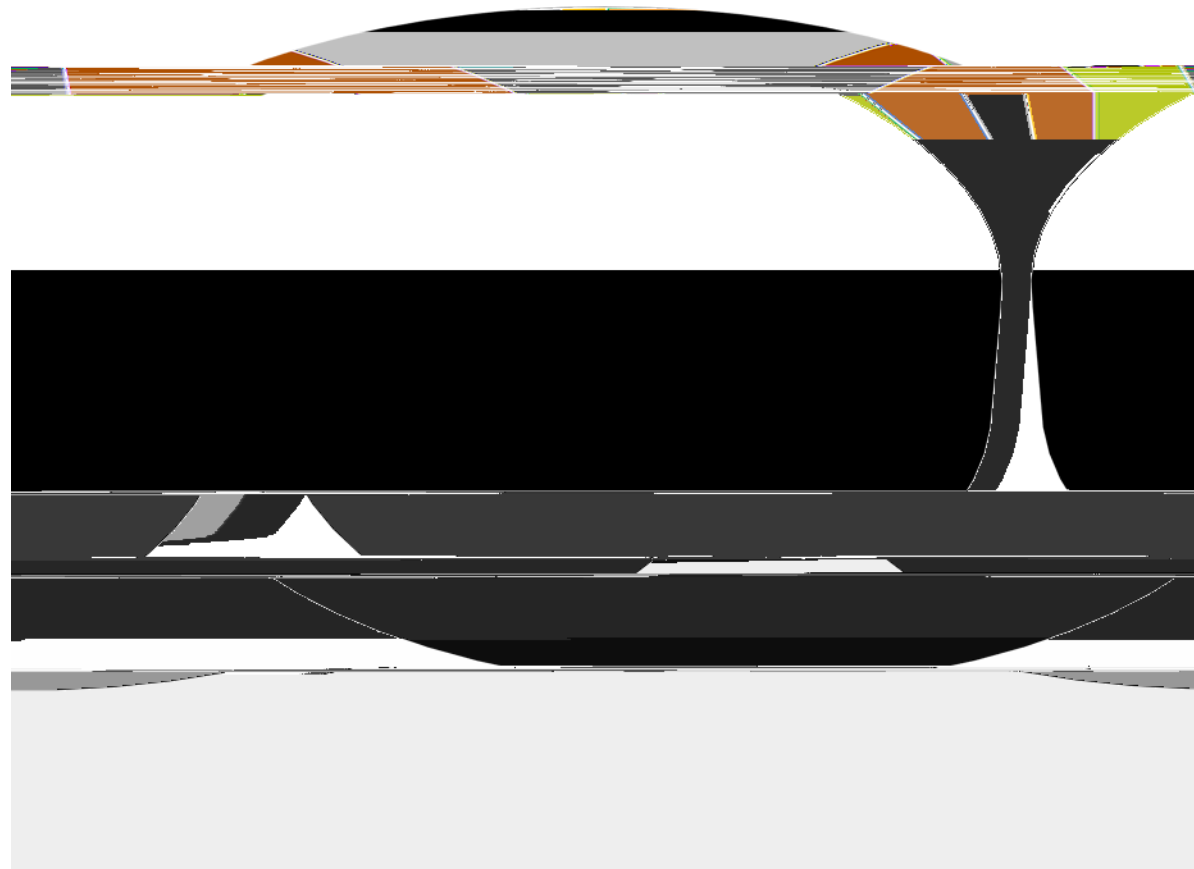




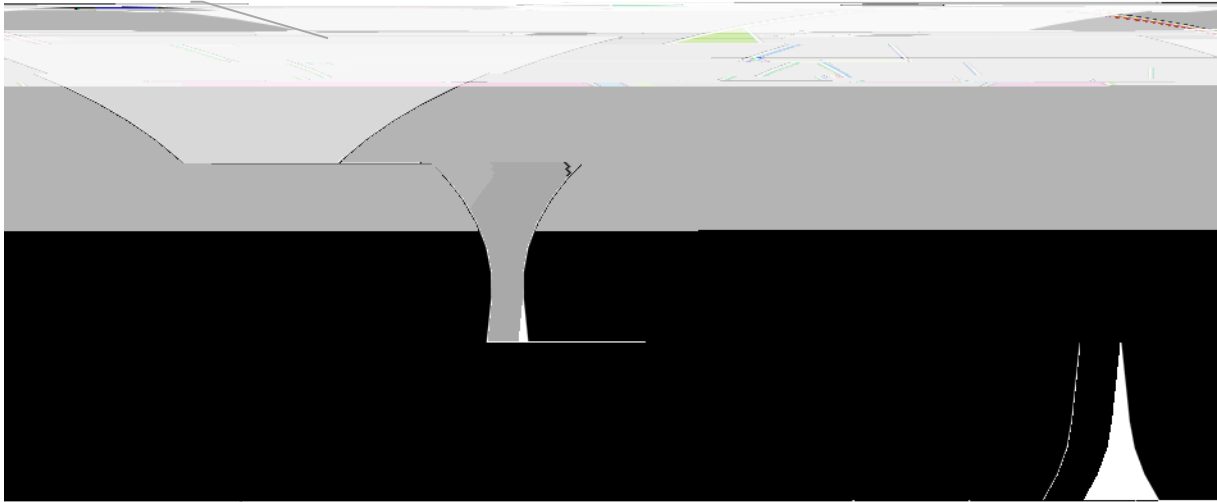
# STUDENT HOME INTERNET ACCESS - NYC



# STUDENT HOME INTERNET ACCESS – BIG 4



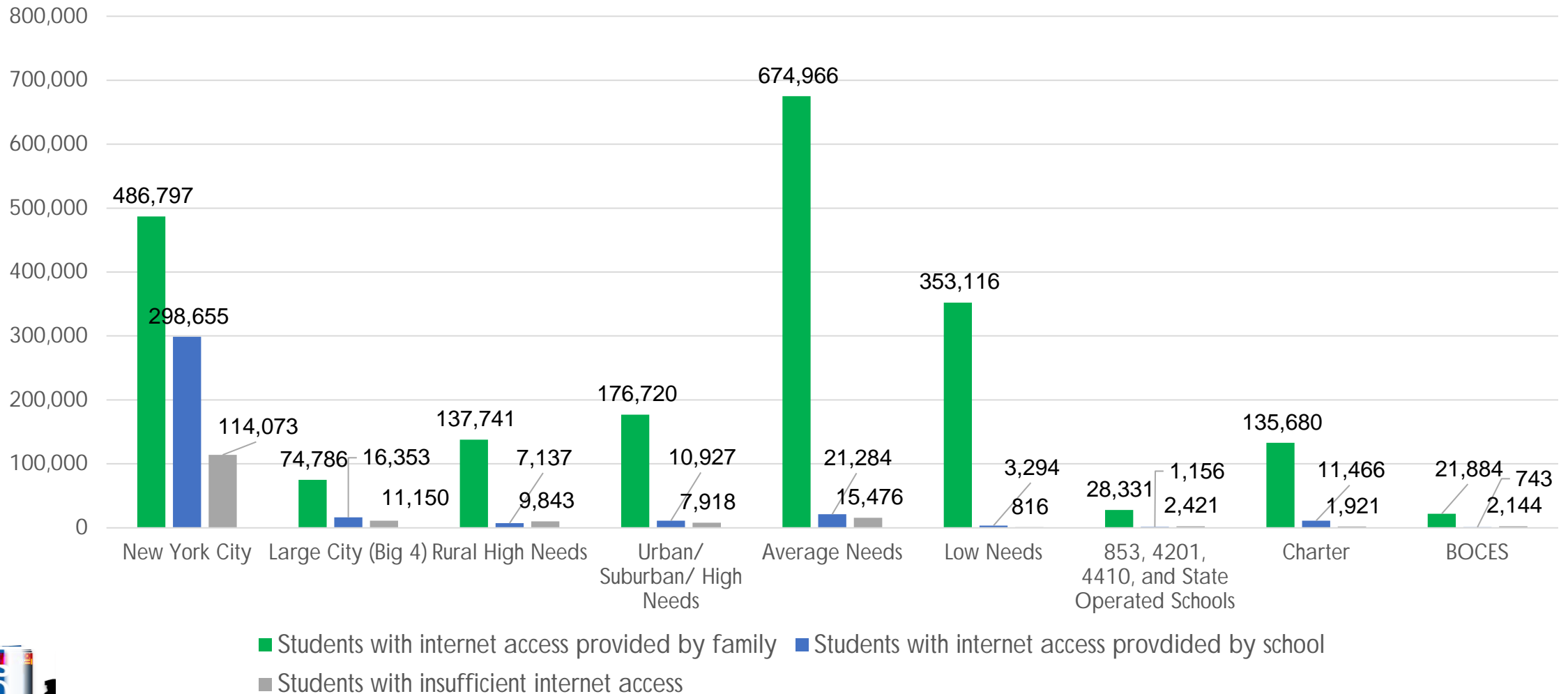
# STUDENT HOME INTERNET ACCESS – REST OF STATE SCHOOLS



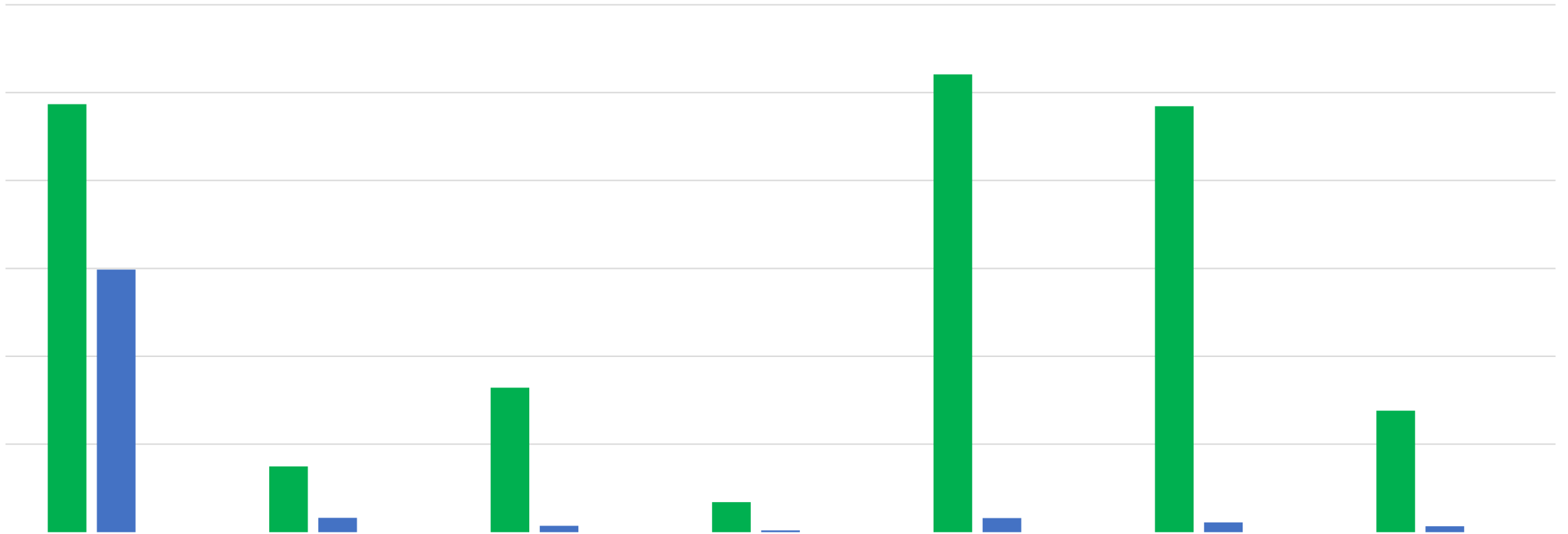
# STUDENT HOME INTERNET ACCESS — RURAL SCHOOLS



# STUDENT INTERNET ACCESS BY NEED CODE

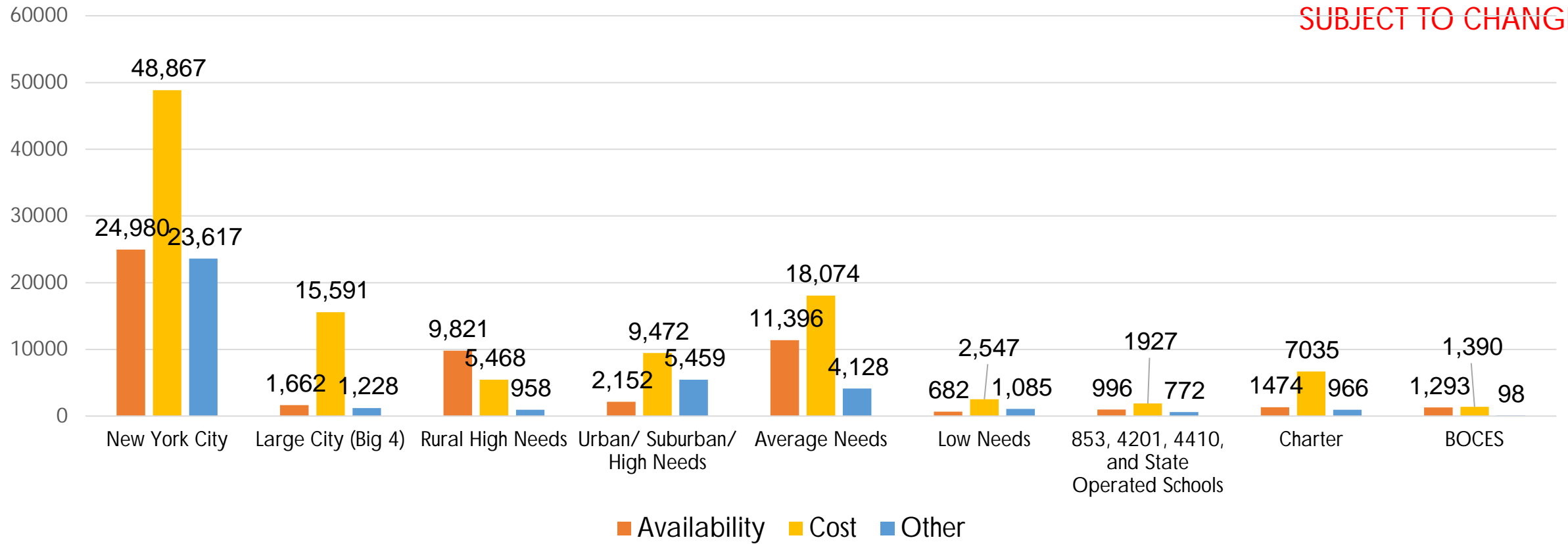


# INTERNET ACCESS BY COMMUNITY TYPE





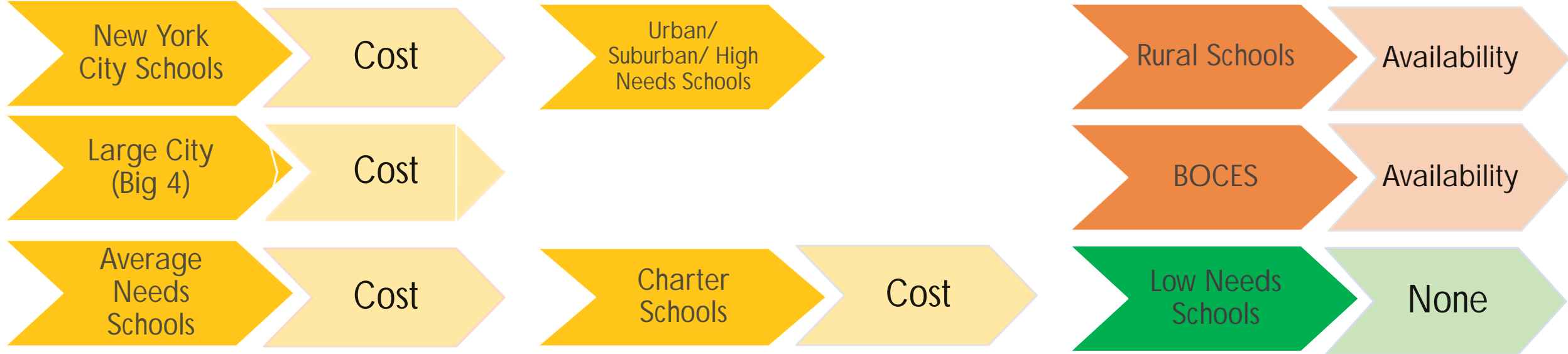




# NUMBER OF STUDENTS AFFECTED BY BARRIERS



# TOP BARRIER TO RELIABLE INTERNET



# SUMMARY

## STUDENT INTERNET ACCESS

165,762 students (6.3%) have insufficient internet access to fully participate in learning in their home or place of residence.

New York City, the Big 4 districts, and rural schools have the most students with insufficient internet access.

Cost is the most reported barrier to students having sufficient internet access at their places of residence, except for rural schools, where the top barrier is availability.









# SUMMARY

## TEACHER DEVICE AND INTERNET ACCESS

4,874 teachers (approximately 2%) do not have access to a device in their home.

3,155 teachers (approximately 1%) do not have sufficient internet access to provide instruction through technology from their home.

Availability is the most reported barrier to teachers having internet access at their places of residence.

Rural schools and average needs schools reported the highest number of teachers without internet access.

