DIGITAL EQUITY SURVEY RESULTS
# SUBMISSIONS

<table>
<thead>
<tr>
<th>All Schools</th>
<th>Submitted</th>
<th>%</th>
<th>Unsubmitted</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public</td>
<td>2894</td>
<td>65%</td>
<td>1539</td>
<td>35%</td>
</tr>
<tr>
<td>Non-Public</td>
<td>133</td>
<td>7%</td>
<td>1694</td>
<td>93%</td>
</tr>
<tr>
<td>Charter</td>
<td>129</td>
<td>37%</td>
<td>222</td>
<td>63%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>3156</td>
<td>48%</td>
<td>3455</td>
<td>52%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rest of State Only (NO NYC)</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RoS</td>
<td>2257</td>
<td>79%</td>
<td>593</td>
<td>21%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NYC Only</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NYC</td>
<td>637</td>
<td>40%</td>
<td>946</td>
<td>60%</td>
</tr>
</tbody>
</table>
SUBMISSIONS

Unsubmitted, 3455, 52%
Submitted, 3156, 48%

Public, 2894
Non-Public, 133
Charter, 129

Public, 1539
Non-Public, 1694
Charter, 222

Submitted
Unsubmitted
REST OF STATE (ROS) PUBLIC SCHOOLS VS NYC SUBMISSIONS

RoS Submissions
- 2257, 79%
- 593, 21%

NYC Submissions
- 946, 60%
- 637, 40%
BIG 4 SUBMISSIONS

<table>
<thead>
<tr>
<th>City</th>
<th>Submitted</th>
<th>Not Submitted</th>
<th>Submitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUFFALO CITY SD</td>
<td>61</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROCHESTER CITY SD</td>
<td>26</td>
<td></td>
<td>23</td>
</tr>
<tr>
<td>SYRACUSE CITY SD</td>
<td>29</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>YONKERS CITY SD</td>
<td>25</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

DRAFT – INTERNAL ONLY
NUMBER OF SUBMISSIONS BY NRC

- Average Needs: 1067
- Charter School: 163
- Large City: 77
- Low Needs: 82
- New York City: 943
- Rural High Needs: 63
- Urban/Suburban/High...: 64
- N/A: 1752

Legend: Submitted

DRAFT – INTERNAL ONLY
48% of all NYS schools submitted their data.

NYC submitted 40% of schools, while the Rest of State (RoS) public schools submitted 79%.

7% of Non-Public schools submitted data.

Syracuse submitted only 1 out of 30 schools.

Low needs schools submitted the highest percentage of data.
STUDENT DEVICE ACCESS
STUDENTS PROVIDED DEVICES FOR HOME USE

- Students provided devices by schools before and during closures
- Students with a dedicated device provided by family
- No Device or a shared device
- Not reported

1128161, 37%
1045583, 34%
580659, 19%
314656, 10%
HOME DEVICE AVAILABILITY ACROSS GRADE LEVELS

Students provided devices by schools before and during closures
Students with a dedicated device provided by family
No Device or a shared device
Not reported
BIG 5 ACCESS TO DEVICES

- **BUFFALO CITY SD**
  - 3354, 10%
  - 16891, 51%
  - 8773, 27%
  - 4114, 12%
  - 0, 0%

- **YONKERS CITY SD**
  - 12699, 49%
  - 6680, 26%
  - 3701, 14%
  - 906, 4%
  - 1872, 7%

- **NYC**
  - 558147, 60%
  - 147788, 16%
  - 47744, 5%
  - 133135, 14%
  - 46901, 5%

- **ROCHESTER CITY SD**
  - 15371, 58%
  - 3984, 15%
  - 1030, 4%
  - 2639, 10%
  - 3421, 13%

- **SYRACUSE CITY SD**
  - 3701, 14%
  - 19523, 97%
  - 455, 2%
  - 75, 1%
  - 51, 0%
  - 0, 0%

- Students provided a device before closures
- Students provided devices by schools during closures
- Students with a dedicated device provided by family
- No Device or a shared device
- Not Reported
TOTAL STUDENTS WITH NO DEVICE OR A SHARED DEVICE BASED ON NRC
Overall, 53% of students had a dedicated device at their place of residence before and during the closures provided by schools (34%) or families (19%).

7th graders were provided the highest number of devices by schools.

Students in grades K-2 reported the highest numbers of no device or a shared device.

The highest percentage of students with no devices/shared devices were Urban/Suburban/High Needs

Average needs schools reported the highest number of students with no device
STUDENT INTERNET ACCESS
STUDENT HOME INTERNET ACCESS

- Students with "all the time" internet access provided by family
- Students with "all the time" internet access provided by school
- Students with insufficient internet access
- Not reported
BIG 5 STUDENT INTERNET ACCESS

BUFFALO CITY SD
- 10244, 31%
- 22416, 68%
- 421, 1%
- 0, 0%

YONKERS CITY SD
- 15594, 60%
- 7315, 28%
- 695, 3%
- 2254, 9%

NYC
- 551737, 59%
- 251184, 27%
- 35511, 4%
- 95283, 10%

ROCHESTER CITY SD
- 3010, 11%
- 1567, 6%
- 6051, 23%
- 15817, 60%

SYRACUSE CITY SD
- 251184, 27%
- 35511, 4%
- 95283, 10%
- 19598, 98%

- Students with "all the time" internet access provided by family
- Students with "all the time" internet access provided by school
- Students with insufficient internet access
- Not reported
REST OF STATE INTERNET ACCESS BY SET CODE

- Students with "all the time" internet access provided by family
- Students with "all the time" internet access provided by school
- Students with insufficient internet access
- Not reported
STUDENTS WITH INSUFFICIENT INTERNET ACCESS

- BIG 4 CITIES: 19177
- NEW YORK CITY: 50439
- DOWNSTATE SMALL CITIES: 19177
- DOWNSTATE SUBURBS: 55173
- RURAL: 11739
- UPSTATE SMALL CITIES: 59757
- UPSTATE SUBURBS: 1569
- #N/A: 43731

Available: 0
Not Available: 402916

Legend:
- Students with insufficient internet access
- Not reported
BARRIERS TO RELIABLE INTERNET ACCESS AT HOME

# Schools

- Both Availability and Cost: 755
- Both Cost and Other: 126
- Only Availability: 86
- Only Cost: 333
- Only Other: 1059
- None: 99
- Not Reported: 711
- Total: 3425
STUDENTS AFFECTED BY EACH BARRIER

- 1590064, 52%
- 1219188, 40%
- 171157, 5%
- 82997, 3%
- 5653, 0%

Legend:
- Availability
- Cost
- Other
- None
- Not Reported

DRAFT – INTERNAL ONLY
INTERNET ACCESS BARRIER BY NRC
Only 7% of reported students (208,006) have insufficient internet access.

New York City and Down State Suburbs have the most students with insufficient internet access.

Cost is the most reported barrier to students having “all the time” internet access at their places of residence, except for Rural High Needs schools where the top barrier is Availability.
TEACHER DEVICE AND INTERNET ACCESS
NUMBER OF TEACHERS REPORTED TO NOT HAVE ACCESS TO DEVICES OR RELIABLE INTERNET AT THEIR PLACE OF RESIDENCE
TEACHER INTERNET ACCESS BARRIERS

- Availability: 2339, 73%
- Cost: 618, 19%
- Other: 82, 3%
- None: 173, 5%

Availability | Cost | Other | None
---|---|---|---
2339 | 618 | 82 | 173
73% | 19% | 3% | 5%

DRAFT – INTERNAL ONLY
NUMBER OF SCHOOLS WITH TEACHER BARRIERS

- **Availability**: Red
- **Cost**: Orange
- **Other**: Blank
- **None**: Green

### Regions
- **Big 4 Cities Downstate**
- **Downstate Small Cities**
- **Downstate Suburbs**
- **New York City**
- **Rural**
- **Upstate Small Cities**
- **Upstate Suburbs**
- **#N/A**

### Numbers

- **Big 4 Cities Downstate**: 106
- **Downstate Small Cities**: 39
- **Downstate Suburbs**: 667
- **New York City**: 466
- **Rural**: 82
- **Upstate Small Cities**: 138
- **Upstate Suburbs**: 528
- **#N/A**: 123

**Availability**

- **0%**: 2
- **10%**: 1
- **20%**: 1
- **30%**: 0
- **40%**: 2
- **50%**: 3
- **60%**: 4
- **70%**: 5
- **80%**: 6
- **90%**: 7
- **100%**: 8

**Cost**

- **106**: 1
- **39**: 2
- **667**: 3
- **466**: 4
- **82**: 5
- **138**: 6
- **528**: 7
- **123**: 8
TEACHERS AFFECTED BY TOP BARRIERS
73% of reported teachers have access to “all the time” internet.

If teachers do not have “all the time” reliable internet the biggest barrier is availability.

New York City is the only area that reported that their teachers main barrier is cost.
LEARNING MANAGEMENT SYSTEMS
TOP LEARNING MANAGEMENT SYSTEMS
The majority of schools in New York are using Google Classroom (2,493).

Schoology is the second most popular LMS (252 schools).