2018-19 District-Wide Survey Results: Technology Access
Office of Evaluation, Research, and Accountability
In this Slide Deck:
Results for Five District-Wide Survey Items Related to Technology

Students
- I access the internet from a computer at home.
- I access the internet from a smartphone or tablet.

Parents/Guardians
- I have internet at home.

Teachers
- How much of a challenge is a lack of computers or other technological resources?

Principals
- How much of a challenge is a lack of computers or other technological resources?
Results Summary

- In Spring 2019, across both District and Charter schools, 89,000 students (61%) in grades 3-12 and 35,000 parent/guardians (23%) of students in all grades responded to survey questions about internet access. In addition, 6,600 teachers (56%) responded to a question about technology as a challenge to student learning.*

- District schools where less than a third of students reported accessing the internet from a computer at home were concentrated in North and Southwest Philadelphia.

- Charter schools where less than a third of students reported accessing the internet from a computer at home were concentrated in Central North and North Philadelphia.
Results Summary: Student Survey Questions

- In Spring 2019, about 45% of District students in grades 3-5 reported accessing the internet from a computer at home, compared to 58% of students in grades 9-12. Similarly, about 48% of Charter students in grades 3-5 reported accessing the internet from a computer at home, compared to 54% of students in grades 6-12.

- District students in grades 3-5 reported accessing the internet from a smartphone or tablet less often than students in grades 6-12 (53% compared to 80%, respectively). Similarly, Charter students in grades 3-5 reported accessing the internet from a smartphone or tablet less often than students in grades 6-12 (64% vs. 82%).

*District and charter*
Results Summary: Parent/Guardian, Teacher, & Principal Survey Questions

- Fewer than a quarter of all parents/guardians participated in the survey (23%). The areas where these respondents reported limited internet access were concentrated in North and Southwest Philadelphia.

- In Spring 2019, teachers and principals did not view technology resources and access at school as a barrier to student learning.*
  - 70% of District teachers and 71% of Charter teachers who responded to the survey reported it was either “a slight challenge” or “not a challenge.”
  - 77% of District principals and 88% of Charter principals who responded to the survey reported it was either “a slight challenge” or “not a challenge.”

*this is likely related to teacher and principal access to laptops.
## 2018-19 Response Rates for District & Charter Schools by Respondent Group

<table>
<thead>
<tr>
<th>Respondents</th>
<th>Percentage District</th>
<th>Number District</th>
<th>Percentage Charter</th>
<th>Number Charter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parents/Guardians</td>
<td>22%</td>
<td>23,979</td>
<td>25%</td>
<td>11,076</td>
</tr>
<tr>
<td>Students (Grades 3-12)</td>
<td>70%</td>
<td>68,918</td>
<td>42%</td>
<td>20,578</td>
</tr>
<tr>
<td>Teachers</td>
<td>66%</td>
<td>5,300</td>
<td>35%</td>
<td>1,363</td>
</tr>
<tr>
<td>Principals</td>
<td>64%</td>
<td>153</td>
<td>36%</td>
<td>32</td>
</tr>
</tbody>
</table>

**Note:** Parent/Guardian and student response percentages are based on student enrollment records as of May 31, 2019. Teacher and principal response percentages are based on District teachers/principals of record as of May 31, 2019 and all teacher/principal emails provided by Charter schools during the survey administration period.
About 45% of District students in grades 3-5 reported accessing the internet from a computer at home, compared to 58% of students in grades 9-12.
District schools where less than 30% of students reported accessing the internet on a computer at home (darker orange dots) are concentrated in the North, West and Southwest.

Note: Circles are sized by number of potential respondents and colored by percent of most positive responses. Grey dots indicate schools with no data.
48% of Charter students in grades 3-5 reported accessing the internet from a computer at home, compared to 54% of students in grades 6-12.
Charter schools where less than 50% of students reported accessing the internet on a computer at home (orange dots) are concentrated in West, Central, and North Philadelphia.

Note: Circles are sized by number of potential respondents and colored by percent of most positive responses. Grey dots indicate schools with no data.
District students in grades 3-5 reported accessing the internet from a smartphone or tablet less often (53%) than students in grades 6-12 (80%).

I access the internet from a smartphone or tablet

- **All Students** (N=66,468):
  - Yes: 68%
  - No: 32%

- **3-5 Students** (N=28,195):
  - Yes: 53%
  - No: 47%

- **6-8 Students** (N=20,997):
  - Yes: 76%
  - No: 24%

- **9-12 Students** (N=19,276):
  - Yes: 80%
  - No: 20%
District schools where less than 50% of students reported accessing the internet on a smartphone or tablet (light blue and orange dots) are concentrated in the North and Southwest.

**Note:** Circles are sized by number of potential respondents and colored by percent of most positive responses. Grey dots indicate schools with no data.
Charter students in grades 3-5 reported accessing the internet from a smartphone or tablet less often (64%) than students in grades 6-12 (82%).
Charter schools where less than 50% of students reported accessing the internet on a smartphone or tablet (light blue dots) are in the West and North.

**Note:** Circles are sized by number of potential respondents and colored by percent of most positive responses. Grey dots indicate schools with no data.
Over the past two years, about 90% of District parents/guardians who responded to the survey reported having internet at home.

District Parent/guardian response rate for 2019: 23%

I have internet at home

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017-18 (N=19,769)</td>
<td>89%</td>
<td>11%</td>
</tr>
<tr>
<td>2018-19 (N=22,787)</td>
<td>91%</td>
<td>9%</td>
</tr>
</tbody>
</table>
The District schools where 50% or less of parents/guardians reported accessing the internet at home (light blue or orange) are concentrated in the Northeast, North Central, and South.

**Note:** Circles are sized by number of potential respondents and colored by percent of most positive responses. Grey dots indicate schools with no data.
Over the past two years, over 90% of Charter parents/guardians reported having internet at home.

District Parent/guardian response rate for 2019: 25%

I have internet at home

<table>
<thead>
<tr>
<th></th>
<th>2017-18 (N=11,590)</th>
<th>2018-19 (N=10,512)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>8%</td>
<td>6%</td>
</tr>
<tr>
<td>Yes</td>
<td>92%</td>
<td>94%</td>
</tr>
</tbody>
</table>
At most Charter schools, 50% or more of parents/guardians reported having internet at home (dark blue dots).

Note: Circles are sized by number of potential respondents and colored by percent of most positive responses. Grey dots indicate schools with no data.
In 2019, 70% of District teachers said a lack of technological resources was a slight challenge or not a challenge.

How much of a challenge is a lack of computers or other technological resources?

- A great challenge
- A moderate challenge
- A slight challenge
- Not a challenge

<table>
<thead>
<tr>
<th>Year</th>
<th>Great Challenge</th>
<th>Moderate Challenge</th>
<th>Slight Challenge</th>
<th>Not a Challenge</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-17</td>
<td>17%</td>
<td>18%</td>
<td>39%</td>
<td>26%</td>
</tr>
<tr>
<td>2017-18</td>
<td>17%</td>
<td>19%</td>
<td>37%</td>
<td>27%</td>
</tr>
<tr>
<td>2018-19</td>
<td>13%</td>
<td>17%</td>
<td>27%</td>
<td>43%</td>
</tr>
</tbody>
</table>

District-Wide Survey Results, District Schools Only, 2016-17 through 2018-19
In 2019, 71% of Charter teachers said a lack of technological resources was a slight challenge or not a challenge.

How much of a challenge is a lack of computers or other technological resources?

- A great challenge
- A moderate challenge
- A slight challenge
- Not a challenge

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<th>Slight Challenge</th>
<th>Not a Challenge</th>
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</thead>
<tbody>
<tr>
<td>2016-17</td>
<td>12%</td>
<td>17%</td>
<td>23%</td>
<td>49%</td>
</tr>
<tr>
<td>2017-18</td>
<td>14%</td>
<td>16%</td>
<td>26%</td>
<td>45%</td>
</tr>
<tr>
<td>2018-19</td>
<td>13%</td>
<td>16%</td>
<td>24%</td>
<td>47%</td>
</tr>
</tbody>
</table>
Over the past four years, there was a 12-point decrease in the percentage of District principals who said a lack of technological resources was a challenge.

How much of a challenge is a lack of computers or other technological resources?

- A great challenge
- A moderate challenge
- A slight challenge
- Not a challenge

District-Wide Survey Results, District Schools Only, 2015-16 through 2018-19
Over the past four years, there was a 8-point decrease in the percentage of Charter principals who said a lack of technological resources was a challenge.

How much of a challenge is a lack of computers or other technological resources?

- A great challenge
- A moderate challenge
- A slight challenge
- Not a challenge

District-Wide Survey Results, Charter Schools Only, 2015-16 through 2018-19
Additional Information

- **District-Wide Survey (DWS) Interactive Results Website:**
  http://philasd.org/dwsresults

- **Additional DWS Resources:**
  - **Summary of Results from the 2018-19 DWS** - Slide deck with results across different topic areas.
  - **School Level Summaries** - Locate school-specific DWS reports.
  - **Examples of How Survey Results are Used** - Examine how the DWS results are used by District offices, schools, partners, and community members.
  - **Downloadable DWS Results** - Download DWS .zip files (including student, parent/guardian, and teacher responses in Excel files aggregated at the school level).
  - **DWS FAQs** - Understand the DWS design & measures, survey takers, response rates, and other frequently asked questions.

- **Questions? Email us at** schoolsurveys@philasd.org.