Student Engagement Data

May 2020

Data Methodology

- **Students Included in Metrics**: All data reported includes students who attend <u>district-operated</u> schools using the most recent enrollment data. The district does not have access to analytic data from charter schools.
- **Digital Tools**: The district is not able to comprehensively capture usage on non-Google platforms and our digital engagement data only reflect Google Meets and Classroom. However, the data indicate that the majority of students are using Google platforms for remote learning.
- **Pre-K and Kindergarten**: The district developed "adjusted" metrics for Google engagement that omit data from Pre-K and Kindergarten because the data indicate many students do not have active Google credentials for log-in. Pre-K and Kindergarten students are also removed in the adjusted metric in Gradebook Data because students in those grade levels are not assigned grades.
- **Student Contact:** Student contact encompasses a broad range of activities, including social and emotional outreach and academic contact. Currently, CPS has one week of data available to report. Schools have been tracking this data locally and the district did not originally request central data submission. Schools will be asked to centrally report these data for the remainder of the school year.

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Description of Metrics

Digital Access:
- Students are considered to have "digital access" based on Google analytic data and school-reported data as of May 22.
  - Combining Google analytic data with school-reported data helped the district capture students who may be learning on other digital tools.
- Schools were asked to classify students as either digital learners (based on whether they have a device and Internet access), non-digital learners, or students schools were unable to contact. Schools are able to change the status of students if they gained digital access during remote learning, and the metric represents the status of students as of May 22.

Students Using Google Meets or Classroom:
- Student activity is logged automatically when a student joins a Google Meet or logs in to Google Classroom using CPS login credentials. This metric represents the percentage of all CPS students attending district schools who have joined one or more Google learning sessions.

Graded Assignments:
- Students are marked as having a "graded assignment" if they have turned in at least one assignment that has been scored by a teacher over the course of a week.

Students Contacted:
- Schools were asked to track if they were able to make contact with a student at least once a week through either digital learning, office hours, academic support, or social and emotional check-ins. Through the district's remote learning plan, schools are required to make contact with all students at least once per week.

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Engagement Highlights

Key Takeaways

The overwhelming majority of CPS students have digital access.
-   93 percent of CPS students have digital access.

The majority of CPS students are using Google platforms for remote learning, with a large increase in usage between the start of remote learning on April 13 and mid-May.
-   Students using Google learning tools for remote learning at least once a week has increased from <u>70 percent</u> during the first week of remote learning (April 13 - April 17) to <u>77 percent</u> during the week of May 11.

Most CPS students are receiving at least one graded assignment from their teachers per week, with a large increase over time.
-   <u>84 percent</u> of students received at least one grade for an assignment during the week of May 11, which is <u>an increase from 51 percent</u> during the week grading guidance was released during the week of April 27.

Most students have had contact with their schools.
-   <u>85 percent</u> of students were recorded as having contact with their school during the week of May 11 based on data reported by schools.

Digital Access

0%   100%

93%
(272,311 students)
Confirmed Digital or have accessed
Google Classroom or Google Meet

5%
(15,619)
Non-
Digital

1%
(3,523)
Missing
Data

1%
2,259
Unable to
Contact

Student Engagement Across Metrics

During the Week of May 11

Engagement Using Google Platforms

Engagement Using Google Platforms: Week Snapshot

Percent of students using Google Meet or Classroom at least once broken out by grade during the week of May 11

Percent of students who accessed at least one Google Classroom or joined at least one Google Meet between May 10 - May 16. Denominator is all students enrolled the week of May 11 - 15 at district-managed schools, 293,712 students. Adjusted average excludes students in PE, PK, and K grade levels.

Engagement Using Google Platforms: Week Snapshot

Percentage of students using Google Meet or Classroom, broken out by grade and frequency of use during the week of May 11

Percent of students who accessed two or more Google Classroom or Google Meet sessions between May 10 - May 16. Denominator is all students enrolled the week of May 11 - 15 at district-managed schools, 293,712 students. Adjusted average excludes students in PE, PK, and K grade levels.
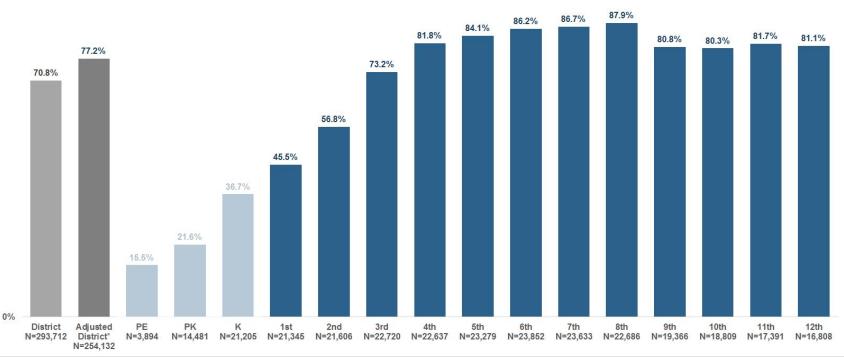
Engagement Using Google Platforms: Week Snapshot

Percentage of students using Google Meet or Classroom at least once during the week of May 11, broken out by race

Percent of students accessing either
Google Classroom or Meets at least once (5/10 - 5/16)

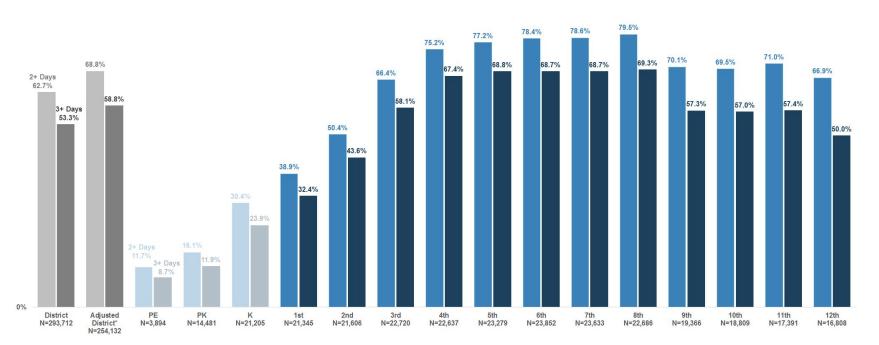|	Overall N=293,712	Adjusted N=254,132	Overall N=139,193	Adjusted N=121,580	Overall N=96,215	Adjusted N=82,591	Overall N=37,476	Adjusted N=32,002	Overall N=14,442	Adjusted N=12,657	Overall N=4,189	Adjusted N=3,530	Overall N=2,197	Adjusted N=1,772
	70.8%	77.2%	72.1%	78.2%	63.9%	70.4%	78.8%	86.6%	80.9%	86.9%	74.9%	82.0%	74.0%	84.2%
	District		Latinx		African American		White		Asian		Multiracial		Students of Other Races	

Percent of students who accessed at least one Google Classroom or joined at least one Google Meet between May 10 - May 16. Denominator is all students in the specified racial group enrolled the week of May 11 - 15 at district-managed schools. Adjusted average excludes students in PE, PK, and K grade levels.

Engagement Using Google Platforms: Week Snapshot

Percent of students using Google Meet or Classroom at least once broken out by priority group during the week of May 11

Percent of students accessing either
Google Classroom or Meets at least once (5/10 - 5/16)

100%

	District		English Learners		Students with IEPs		Students in Temporary Living Situations	
	Overall N=293,712	Adjusted N=254,132	Overall N=61,540	Adjusted N=50,381	Overall N=43,669	Adjusted N=37,629	Overall N=8,472	Adjusted N=7,545
	70.8%	77.2%	64.9%	72.6%	61.3%	67.5%	56.3%	61.2%

0%
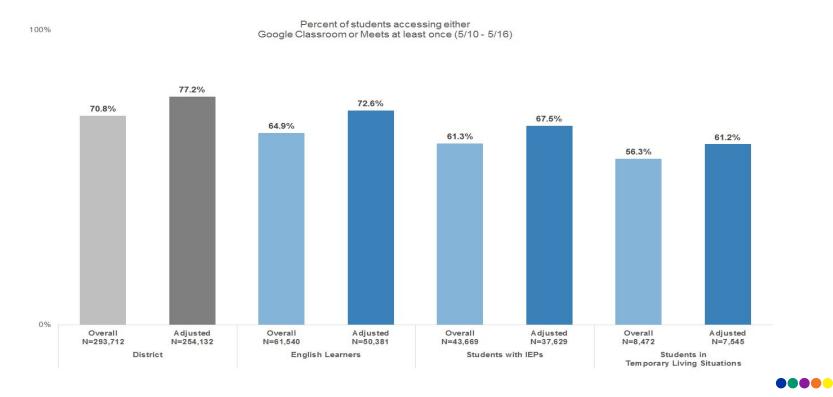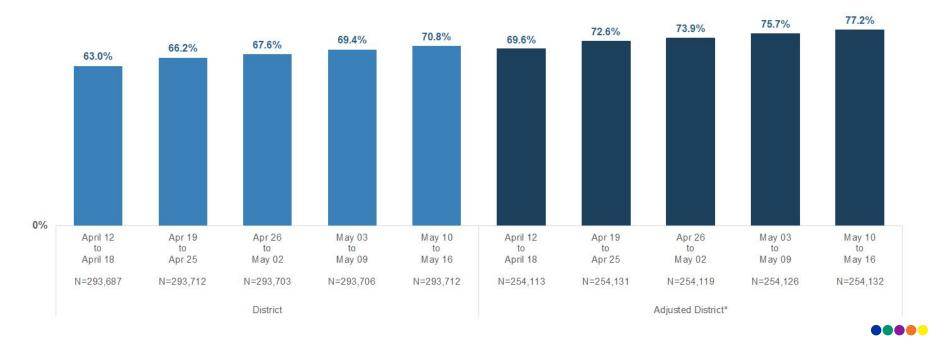
Percent of students who accessed at least one Google Classroom or joined at least one Google Meet between May 10 - May 16. Denominator is all students in the specified priority group enrolled the week of May 11 - 15 at district-managed schools. Adjusted average excludes students in PE, PK, and K grade levels.

Engagement Using Google Platforms Over Time

Percentage of students using Google Meet or Classroom at least once per week over time

100%

63.0%	66.2%	67.6%	69.4%	70.8%	69.6%	72.6%	73.9%	75.7%	77.2%

0%

April 12 to April 18	Apr 19 to Apr 25	Apr 26 to May 02	May 03 to May 09	May 10 to May 16	April 12 to April 18	Apr 19 to Apr 25	Apr 26 to May 02	May 03 to May 09	May 10 to May 16
N=293,687	N=293,712	N=293,703	N=293,706	N=293,712	N=254,113	N=254,131	N=254,119	N=254,126	N=254,132

District   Adjusted District*
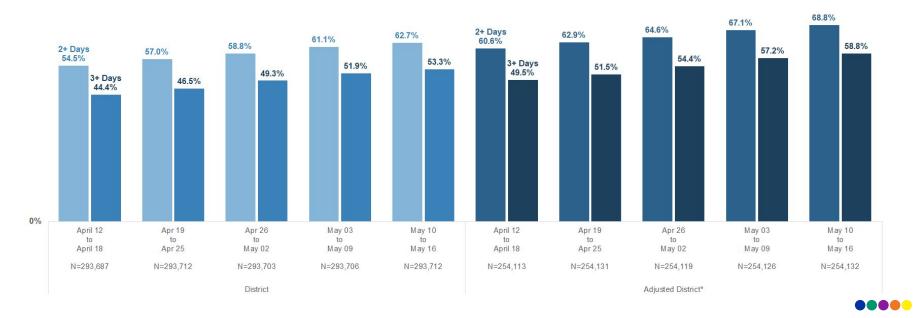
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Percent of students who accessed at least one Google Classroom or joined at least one Google Meet from Sunday to Saturday that week. Denominator is all students enrolled on weekdays at district-managed schools. Adjusted average excludes students in PE, PK, and K grade levels.

Engagement Using Google Platforms Over Time
Percentage of students using Google Meet or Classroom two or more days per week over time

100%

District

- 2+ Days 54.5%
- 3+ Days 44.4%
- 57.0%
- 46.5%
- 58.8%
- 49.3%
- 61.1%
- 51.9%
- 62.7%
- 53.3%

April 12 to April 18 — N=293,687
Apr 19 to Apr 25 — N=293,712
Apr 26 to May 02 — N=293,703
May 03 to May 09 — N=293,706
May 10 to May 16 — N=293,712

Adjusted District*

- 2+ Days 60.6%
- 3+ Days 49.5%
- 62.9%
- 51.5%
- 64.6%
- 54.4%
- 67.1%
- 57.2%
- 68.8%
- 58.8%

April 12 to April 18 — N=254,113
Apr 19 to Apr 25 — N=254,131
Apr 26 to May 02 — N=254,119
May 03 to May 09 — N=254,126
May 10 to May 16 — N=254,132
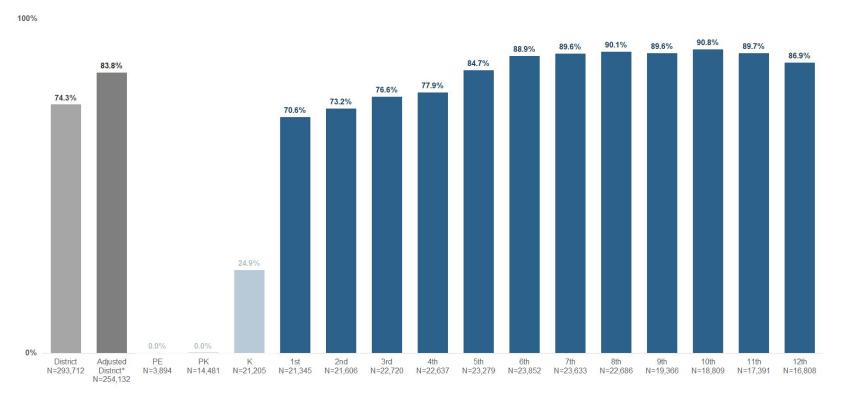
0%

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Percent of students who accessed Google Classroom or Google Meet at least two or three days during the week of May 11th. Denominator is all students enrolled on weekdays that week at district-managed schools. Adjusted average excludes students in PE, PK, and K grade levels.

Graded Assignments

Graded Assignments: Week Snapshot

Percentage of students who received at least one graded assignment during the week of May 11

100%

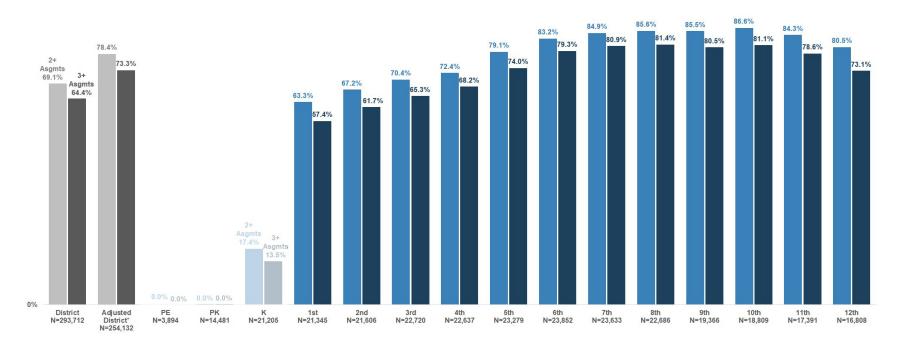|	
District N=293,712	74.3%
Adjusted District* N=254,132	83.8%
PE N=3,894	0.0%
PK N=14,481	0.0%
K N=21,205	24.9%
1st N=21,345	70.6%
2nd N=21,606	73.2%
3rd N=22,720	76.6%
4th N=22,637	77.9%
5th N=23,279	84.7%
6th N=23,852	88.9%
7th N=23,633	89.6%
8th N=22,686	90.1%
9th N=19,366	89.6%
10th N=18,809	90.8%
11th N=17,391	89.7%
12th N=16,808	86.9%

0%

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Percent of students marked as having at least one assignment that has been scored by a teacher between May 10-16. Denominator is all students enrolled the week of May 11-15 at district-managed schools, 293,712 students. Adjusted average excludes students in PE, PK, and K grade levels.

Graded Assignments: Week Snapshot

Percentage of students who received two or more graded assignments during the week of May 11
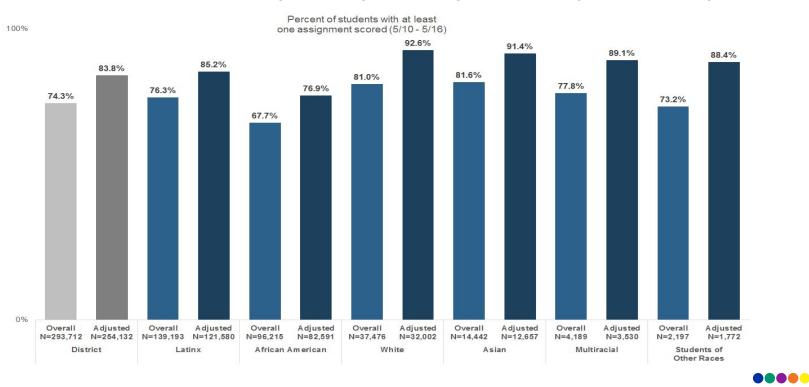

Percent of students marked as having two or three more assignments that have been scored by a teacher between May 10-16. Denominator is all students enrolled the week of May 11-15 at district-managed schools, 293,712 students. Adjusted average excludes PE, PK, and K students.
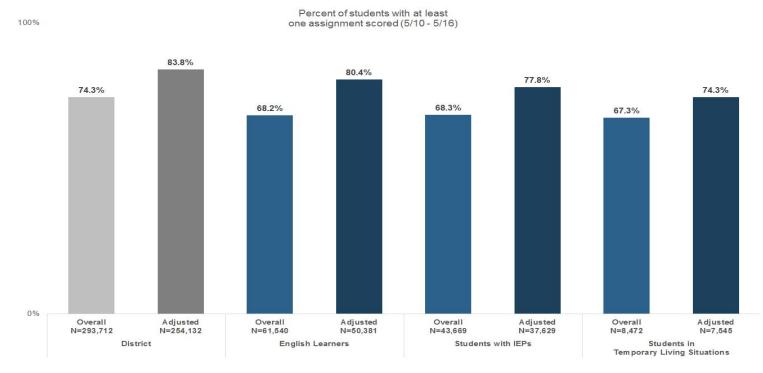
Graded Assignments: Week Snapshot

Percentage of students who received at least one graded assignment during the week of May 11, broken out by race

Percent of students with at least one assignment scored (5/10 - 5/16)

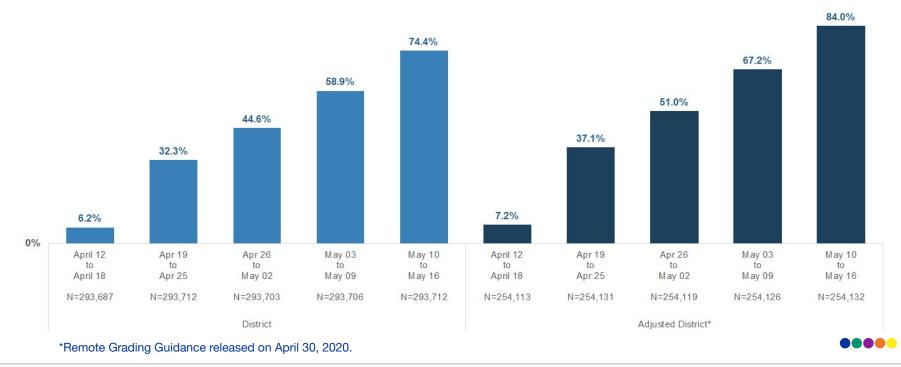|	Overall N=293,712	Adjusted N=254,132	Overall N=139,193	Adjusted N=121,580	Overall N=96,215	Adjusted N=82,591	Overall N=37,476	Adjusted N=32,002	Overall N=14,442	Adjusted N=12,657	Overall N=4,189	Adjusted N=3,530	Overall N=2,197	Adjusted N=1,772
	74.3%	83.8%	76.3%	85.2%	67.7%	76.9%	81.0%	92.6%	81.6%	91.4%	77.8%	89.1%	73.2%	88.4%
	District		Latinx		African American		White		Asian		Multiracial		Students of Other Races	

Percent of students marked as having at least one assignment that has been scored by a teacher between May 10-16. Denominator is all students in the specified racial group enrolled the week of May 11 - 15 at district-managed schools. Adjusted average excludes students in PE, PK, and K grade levels.

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Graded Assignments: Week Snapshot

Percentage of students who received at least one graded assignment during the week of May 11, broken out by priority group

Percent of students with at least one assignment scored (5/10 - 5/16)

100%

74.3%
Overall
N=293,712

83.8%
Adjusted
N=254,132

District

68.2%
Overall
N=61,540

80.4%
Adjusted
N=50,381

English Learners

68.3%
Overall
N=43,669

77.8%
Adjusted
N=37,629

Students with IEPs

67.3%
Overall
N=8,472

74.3%
Adjusted
N=7,545

Students in Temporary Living Situations

0%

Graded Assignments Over Time

Percentage of students who received at least one graded assignment each week

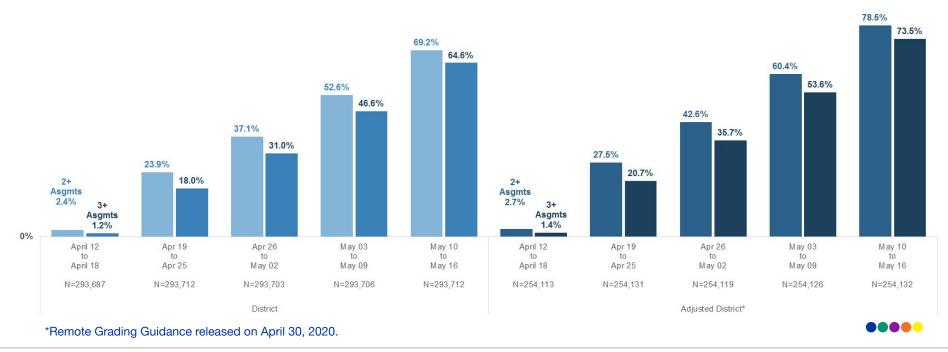
*Remote Grading Guidance released on April 30, 2020.

Percent of students marked as having at least one assignment that has been scored by a teacher during the specified week. Denominator is all students enrolled on weekdays at district-managed schools. Grading Guidance for remote learning was released the week of April 27.

Graded Assignments Over Time

Percentage of students who received two or more graded assignments each week

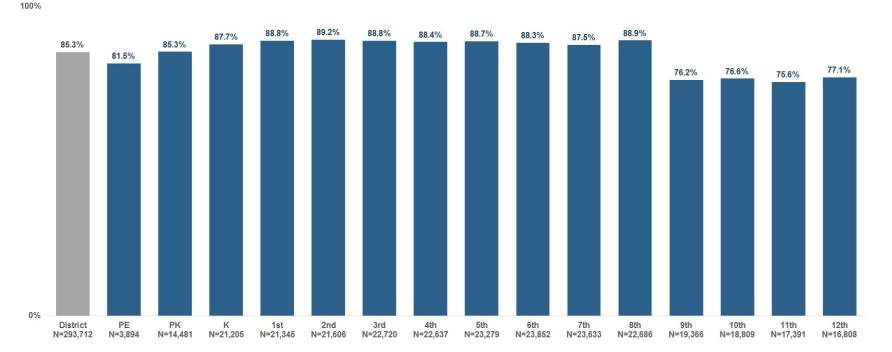*Remote Grading Guidance released on April 30, 2020.

Percent of students marked as having two or more assignments that have been scored by a teacher during the specified week. Denominator is all students enrolled in that week at district-managed schools, 293,712 students.

Student Contact

Student Contact

Percentage of students contacted

	85.3%	81.5%	85.3%	87.7%	88.8%	89.2%	88.8%	88.4%	88.7%	88.3%	87.5%	88.9%	76.2%	76.6%	75.6%	77.1%
	District N=293,712	PE N=3,894	PK N=14,481	K N=21,205	1st N=21,345	2nd N=21,606	3rd N=22,720	4th N=22,637	5th N=23,279	6th N=23,852	7th N=23,633	8th N=22,686	9th N=19,366	10th N=18,809	11th N=17,391	12th N=16,808

Contact status is based on school-reported data for the week of May 11. Students can be marked as contacted for social-emotional contact, academic contact, which can include joining a learning session or specific outreach. Only students from district-managed schools are represented (293,712 students). Some schools did not submit student data; these students were still included in the denominator.
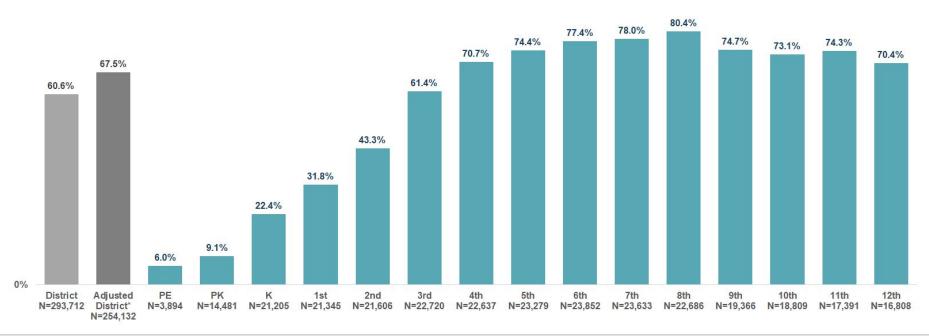
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Breakdown of Specific Google Tools

Engagement Using Google Classroom: Week Snapshot

Percentage of students using Google Classroom at least once during the week of May 11.

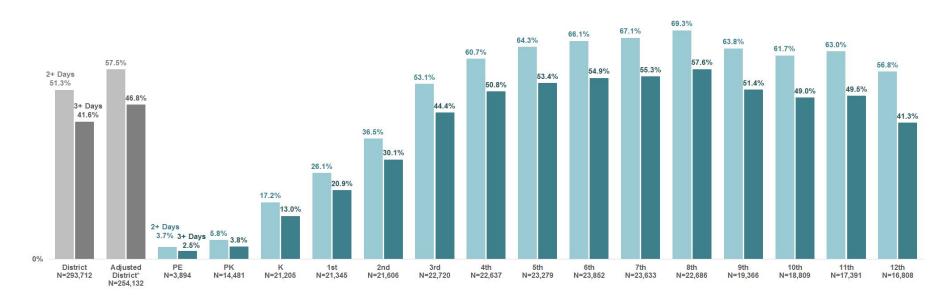|		
District N=293,712	60.6%	
Adjusted District* N=254,132	67.5%	
PE N=3,894	6.0%	
PK N=14,481	9.1%	
K N=21,205	22.4%	
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2nd N=21,606	43.3%	
3rd N=22,720	61.4%	
4th N=22,637	70.7%	
5th N=23,279	74.4%	
6th N=23,852	77.4%	
7th N=23,633	78.0%	
8th N=22,686	80.4%	
9th N=19,366	74.7%	
10th N=18,809	73.1%	
11th N=17,391	74.3%	
12th N=16,808	70.4%	

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Percent of students who accessed Google Classroom May 10 - May 16. Denominator is all students enrolled the week of May 11 - 15 at district-managed schools, 293,712 students. Adjusted average excludes students in PE, PK, and K grade levels.

Engagement Using Google Classroom: Week Snapshot

Percentage of students using Google Classroom, broken out by grade and frequency of use during the week of May 11
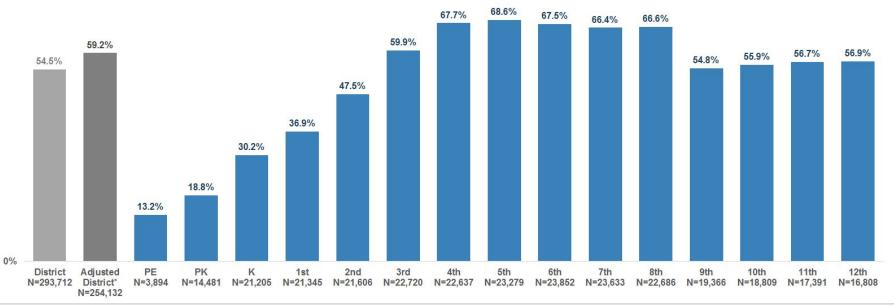
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Percent of students who accessed Google Classroom May 10 - May 16. Denominator is all students enrolled the week of May 11 - 15 at district-managed schools, 293,712 students. Adjusted average excludes students in PE, PK, and K grade levels.

Engagement Using Google Meet: Week Snapshot

Percentage of students using Google Meet at least once during the week of May 11.

100%

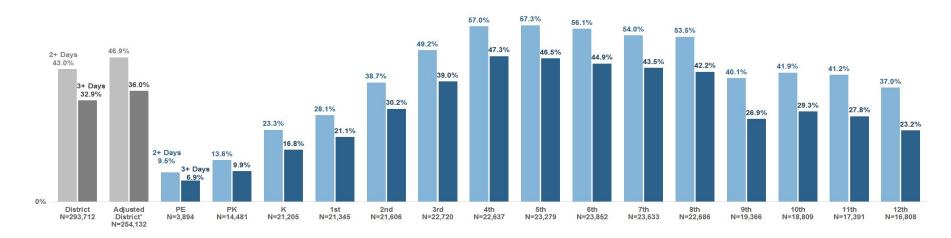| Category	Percentage
District N=293,712	54.5%
Adjusted District* N=254,132	59.2%
PE N=3,894	13.2%
PK N=14,481	18.8%
K N=21,205	30.2%
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3rd N=22,720	59.9%
4th N=22,637	67.7%
5th N=23,279	68.6%
6th N=23,852	67.5%
7th N=23,633	66.4%
8th N=22,686	66.6%
9th N=19,366	54.8%
10th N=18,809	55.9%
11th N=17,391	56.7%
12th N=16,808	56.9%

0%

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Percent of students who joined a Google Meet May 10 - May 16. Denominator is all students enrolled the week of May 11 - 15 at district-managed schools, 293,712 students. Adjusted average excludes students in PE, PK, and K grade levels.

Engagement Using Google Meet: Week Snapshot

Percentage of students using Google Meet, broken out by grade and frequency of use during the week of May 11

Percent of students who accessed joined a Google Meet May 10 - May 16. Denominator is all students enrolled the week of May 11 - 15 at district-managed schools, 293,712 students. Adjusted average excludes students in PE, PK, and K grade levels.