

Pearson Student Mobile Device Survey 2013

National Report: Students in Grades 4-12

Conducted by Harris Interactive
Field dates: January 28 – February 24, 2013

Report date:
April 5, 2013

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Background & Objectives

Pearson seeks to better understand how students use mobile technology for learning. As more and more students have access to tablets, smartphones, and other mobile devices, Pearson wants to know how students use the mobile devices they currently have for learning, and how they would like to use mobile devices for learning in the future.

The survey examines:

- Current usage, ownership and purchase intent of mobile devices by elementary, middle, and high school students;
- How elementary, middle, and high school students currently use mobile devices for school work, and how they expect to use them for school work in the future; and
- Students' attitudes towards tablets for learning

Research Methodology

This survey was conducted online within the United States by Harris Interactive on behalf of Pearson between January 28 and February 24, 2013.

The survey was conducted among 2350 students, with 500 elementary school (4th-5th grade) students, 750 middle school (6th-8th grade) students, and 1100 high school (9th – 12th grade) students. Qualified students were 8-18 year old U.S. residents who were enrolled in 4th through 12th grades.

Data were weighted to be representative of the 4th through 12th grade population in the U.S. Figures for age, sex, race/ethnicity, and highest level of parental education (used as a proxy for household income) were weighted where necessary to bring them into line with their actual proportions in the population. This survey was part of a larger study on 4th through 12th graders, including oversamples in Florida, Texas, California, and New York. The survey also included a national sample of college students.

All sample surveys and polls, whether or not they use probability sampling, are subject to multiple sources of error which are most often not possible to quantify or estimate, including sampling error, coverage error, error associated with non-response, error associated with question wording and response options, and post-survey weighting and adjustments. Therefore, Harris Interactive avoids the words “margin of error” as they are misleading. All that can be calculated are different possible sampling errors with different probabilities for pure, unweighted, random samples with 100% response rates. These are only theoretical because no published polls come close to this ideal.

Research Methodology (continued)

Notes on reading this report

- Throughout this report, we mention various mobile devices. Below are the definitions that were provided in the survey:
 - Netbook: A very small (10-inch screen or less) laptop computer designed for access to the Internet and basic computing tasks.
 - Smartphone: A cell phone with Internet access, such as the Apple iPhone, Android phone, or Windows phone.
 - Basic e-book reader: An e-book reader with limited Internet access that is used mostly for reading, such as the black-and-white Amazon Kindle, black-and-white Barnes & Noble Nook, Barnes & Noble Nook Color, or Nook HD.
 - Small tablet: A tablet that is around 7 inches, such as the Apple iPad Mini, Amazon Kindle Fire, Nook Tablet, or Google Nexus 7.
 - Full-size tablet: A tablet that is around 10 inches, such as the Apple iPad or Google Nexus 10.
- Tablet owners are defined as those who own either a full-size tablet or a small tablet.
- In some instances throughout the report, we refer to elementary, middle, and high school students as “Elhi” students.
- Significant differences between subgroups at the 95% confidence level are indicated with a letter (A or B) or with a call-out on the slide.
- A dash represents a value of zero. An asterisk represents a value greater than zero but less than one.

Executive Summary

- Elementary and secondary students are highly receptive towards tablets, and believe strongly that these devices can improve their education.
 - Nine in ten agree that tablets will change the way students learn in the future, and that they make learning more fun.
 - Elementary and middle school students are even more eager to use tablets for learning than are high school students.
 - Seven in ten would like to use mobile devices more often in their classrooms.
- A substantial portion of students currently use and own tablets.
 - Four in ten students use a full-size or small tablet regularly; three in ten students own a tablet.
 - Elementary and middle school students are more likely than high school students to own tablets, and also are more likely to favor small tablets.
 - One-quarter of students intend to purchase a tablet within the next six months.
- Four in ten students own a smartphone. Older students are more likely than younger students to own a smartphone.

Executive Summary (continued)

- Students across elementary, middle, and high school regularly use mobile devices for school work.
 - One-third of students say they have used a tablet for school work in the 2012-2013 school year, and over four in ten have used a smartphone for school work.
 - Among those who have used a tablet or smartphone for school work this academic year, six in ten have used their device for school work at least a few times a week.
- Among those who use tablets for school work, the majority own the tablet themselves, or share them with their family. Only one in six say that their school provides the tablets.
- Students use tablets for a variety of school-related activities. The most popular are researching and doing homework, followed by checking assignments.
 - Students expect more from full-size tablets than small tablets, with significantly more students saying they want to use full-size tablets for doing research and homework, checking assignments, and reading digital textbooks.

STUDENT ATTITUDES TOWARDS TABLETS AND OTHER MOBILE DEVICES

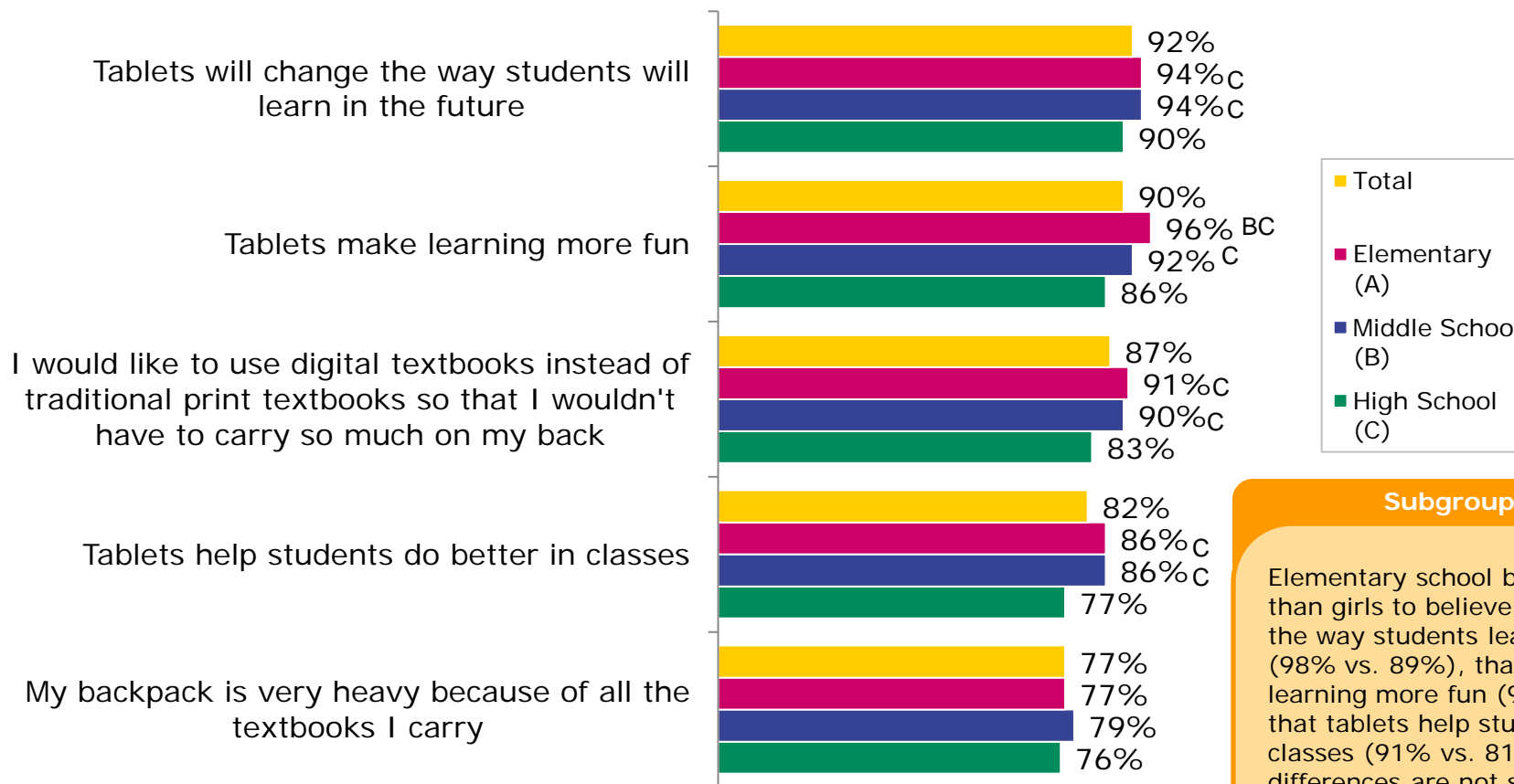
Summary of Student Attitudes Towards Tablets and Other Mobile Devices

- A large majority of students believe that mobile devices will have a positive impact on learning.
 - About nine in ten say that tablets will change learning in the future (92%), make learning more fun (90%).
 - Elementary and middle school students feel more strongly than high school students about the positive learning benefits of using tablets.
 - About nine in ten say that digital textbooks would lighten their heavy school backpacks (87%).
 - About eight in ten say that tablets will help students learn better in the classroom (82%).
- Most elementary, middle and high school students would like to use mobile devices more often in the classroom (69%).
 - Elementary and middle school students are slightly more supportive of mobile devices in the classroom than high school students: Three-quarters of elementary (76%) and middle school students (75%) say they would like to use mobile devices more often compared to two-thirds of high school students (61%).
 - High school students are more likely to report being content with the amount of mobile device usage in the classroom (28%) compared to elementary (14%) and middle school students (16%).

The large majority of students agree that tablets will make a positive impact on learning and also reduce the weight in their backpacks. Elementary and middle school students more strongly endorse the benefits that tablets bring to learning than high school students.

Attitudes Towards Tablets and Digital Textbooks

(% Strongly/Somewhat Agree)



Subgroup Findings

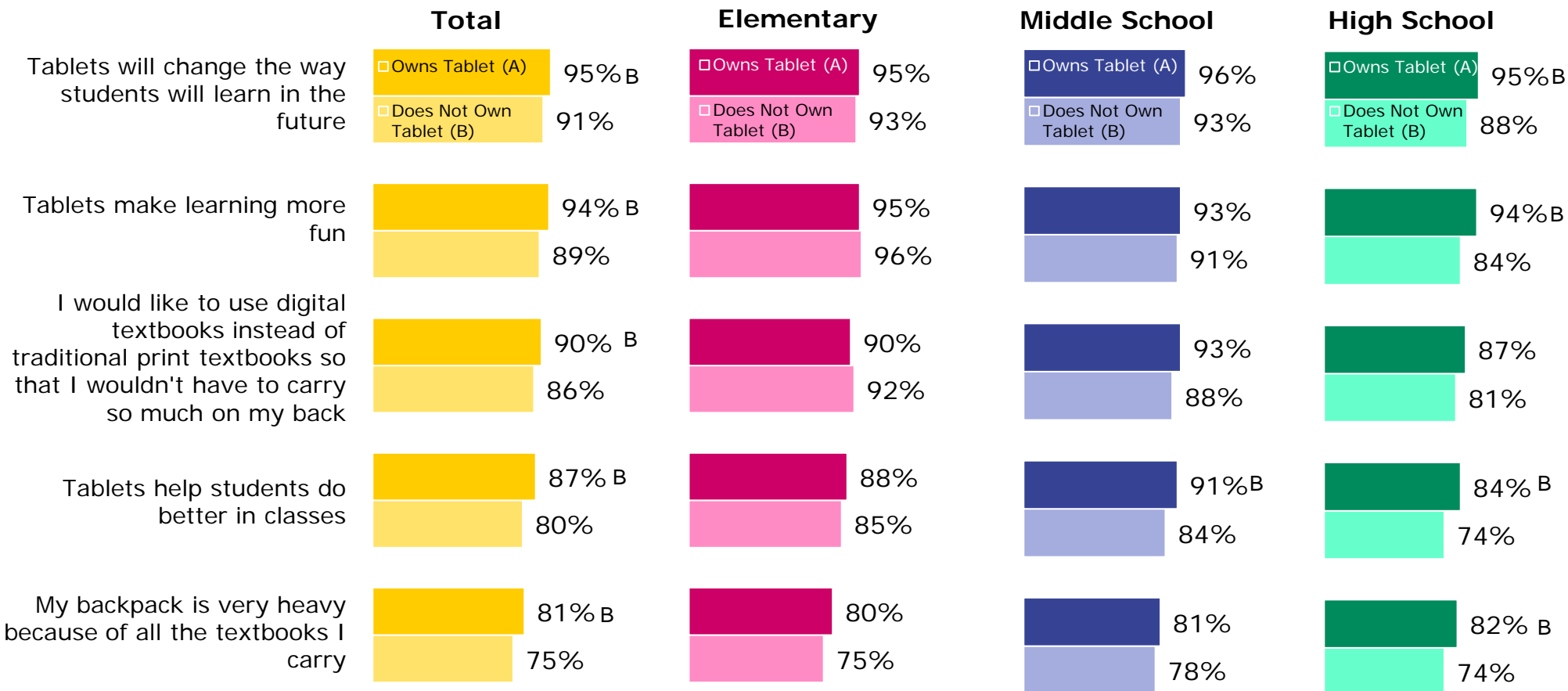
Elementary school boys are more likely than girls to believe tablets will change the way students learn in the future (98% vs. 89%), that tablets make learning more fun (98% vs. 93%), and that tablets help students do better in classes (91% vs. 81%). Gender differences are not seen among middle or high school students. There are no differences by race/ethnicity.

Letters indicate significant differences at the 95% confidence level.
 Base: Total students: n=2350; Elementary: n=500; Middle school: n=750; High school: n=1100
 Q940. How much do you agree or disagree with the following statements?

Tablet owners are more likely to have positive feelings towards the role tablets can play in learning, although this is driven more by the difference among tablet owners and non-owners among high school students. Tablet owners and non-owners in elementary and middle school are more likely to share similar perceptions of tablets.

Attitudes Towards Tablets and Digital Textbooks

(% Strongly/Somewhat Agree)



Letters indicate significant differences at the 95% confidence level.

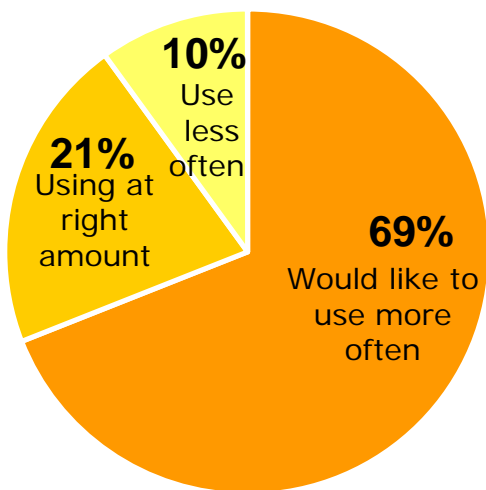
Base: Total students: Owners n=712, Non-owners n=1638; Elementary: Owners n=180, Non-owners n=320; Middle School: Owners n=254, Non-Owners n=496; High School: Owners n=278, Non-Owners n=822)

Q940. How much do you agree or disagree with the following statements?

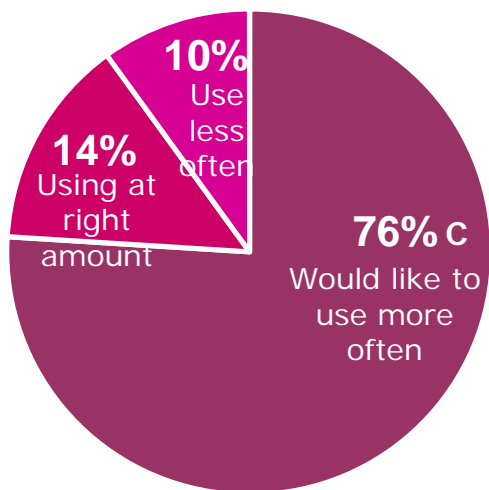
Seven in ten students would like to use mobile devices more often in class. Elementary and middle school students are more likely to say this than high school students. High school students are more likely than others to report using mobile devices at the right amount in class.

Attitudes Towards Mobile Device Usage in Class

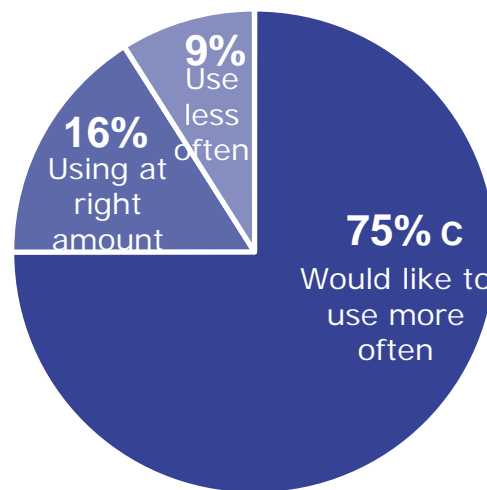
Total



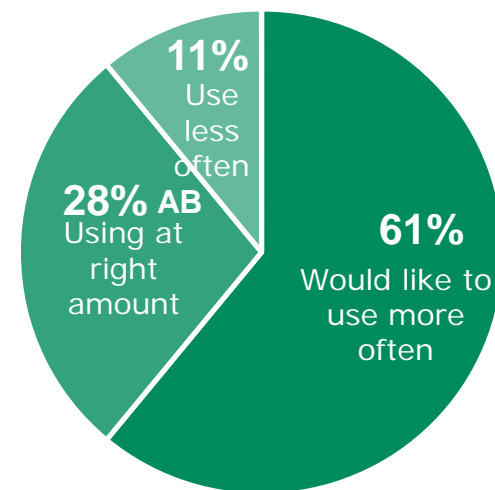
Elementary (A)



Middle School (B)



High School (C)



Subgroup Findings

There are no differences by race/ethnicity or gender among the total Elhi population.

Tablet owners are more likely to say they want to use tablets more often, although the difference between owners and non-owners is not large (73% vs. 68%).

College Student Findings

College students are less likely than Elhi students to want to use tablets more often in class. Only four in ten college students (43%) say they would like to use mobile devices more often in class. Another four in ten (44%) say that they currently use mobile devices at just the right amount in class.

Letters indicate significant differences at the 95% confidence level.
 Base: Total students: n=2350; Elementary: n=500; Middle school: n=750; High school: n=1100
 Q935. Which of the following best describes how you would like to use mobile devices in class?

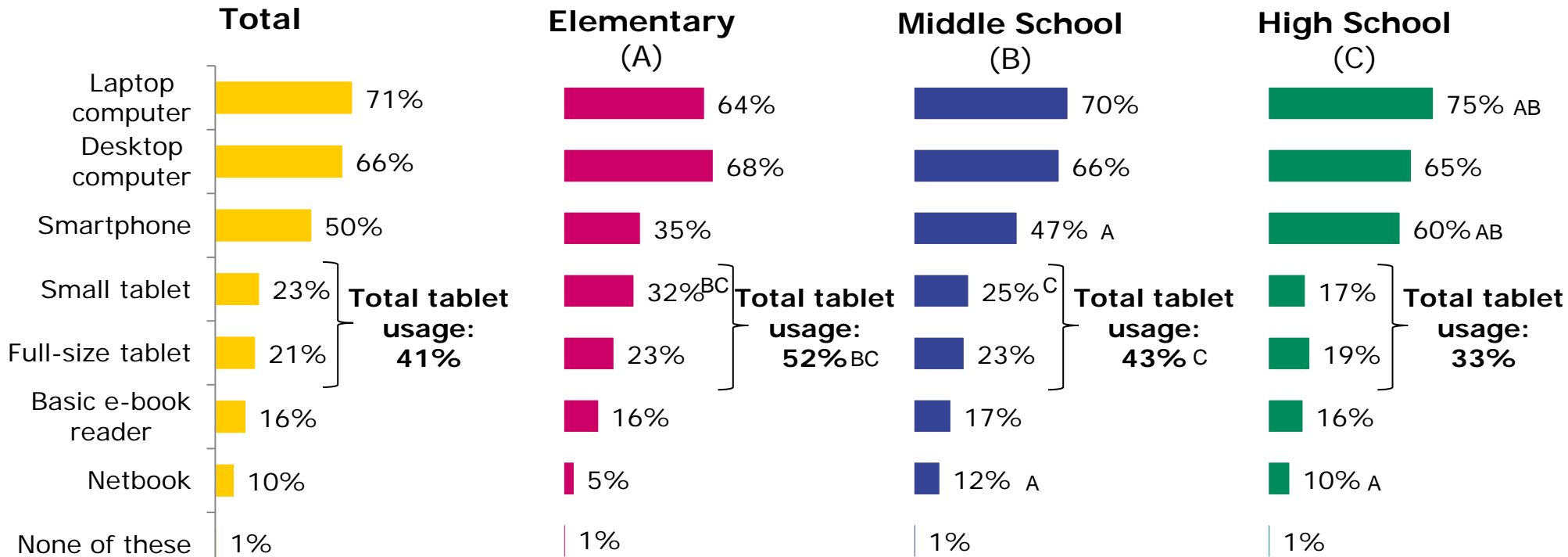
MOBILE DEVICE USAGE, OWNERSHIP, AND PURCHASE INTENT

Summary of Mobile Device Usage, Ownership, and Purchase Intent

- Four in ten elementary and secondary school students use tablets regularly (41%) and three in ten personally own tablets (31%). Tablet usage and ownership are higher among elementary and middle school students than high school students.
 - Younger students are more likely than older students to regularly use tablets (elementary: 52%, middle school: 43%, and high school: 33%).
 - Students in elementary and middle school are also more likely than high school students to own tablets (elementary: 36%, middle school: 34%, high school: 26%).
- Elementary and middle school students are more likely to prefer small tablets than high school students.
- One-quarter of Elhi students (25%) intend to purchase a tablet in the next 6 months. This is generally consistent across school levels, although high school students are more likely than elementary school students to intend to purchase a full-size tablet (15% vs. 9%).
- Six in ten high school students (56%) own a smartphone, compared to four in ten middle school students (42%) and two in ten elementary school students (19%).
- Purchase intent for smartphones is also higher among older students. One quarter of high school students (27%) and middle school students (25%) plan to purchase a smartphone in the next six months, compared to one in six elementary school students (17%).

Four in ten students regularly use either a small tablet or a full-size tablet. Elementary school students are more likely than middle or high school students to use a tablet, and middle school students are more likely than high school students to use one. This trend is reversed for smartphones, with older students more likely than younger students to use a smartphone.

Device Usage



Subgroup Findings

There are no differences by gender across each of the school levels in tablet or smartphone usage. There are also no differences in overall tablet usage by race/ethnicity, although White (22%) and Hispanic (26%) students are more likely than Black students (14%) to use full-size tablets, while Black students are more likely to use small tablets (30% vs. White: 21% vs. Hispanic: 24%). Black (58%) and Hispanic (58%) students are more likely than White (47%) students to use smartphones.

College Student Findings

Four in ten college students say they regularly use a tablet (40%), which is higher than high school students (33%), but lower than elementary school students (52%). This includes one-quarter who say they regularly use a full-size tablet (28%). Three-quarters of college students (72%) report regularly using a smartphone, nine in ten (91%) use a laptop, and two in ten use a basic e-book reader (20%).

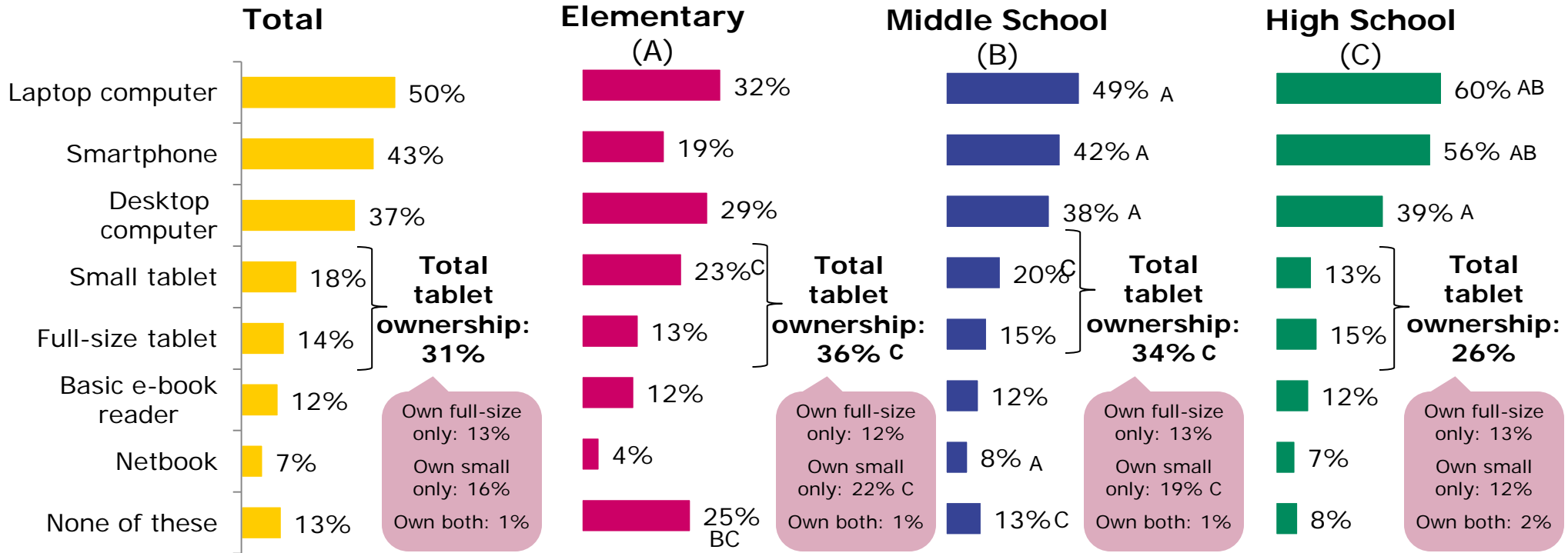
Letters indicate significant differences at the 95% confidence level.

Base: Total students: n=2350; Elementary: n=500; Middle school: n=750; High school: n=1100

Q708. Which of the following devices do you regularly use, either at home, at school, or somewhere else?

Three in ten students personally own a tablet. Elementary and middle school students are more likely than high school students to own a tablet and less likely to own a smartphone.

Device Ownership



Subgroup Findings

There are no differences by gender across each of the school levels in tablet or smartphone ownership. Hispanic (36%) students are more likely than White (30%) or Black (28%) students to say they own a tablet. Hispanics are particularly more likely to own a full-size tablet (21% vs. White: 14% vs. Black 8%). Black (51%) and Hispanic (49%) students are more likely than White students (40%) to own a smartphone.

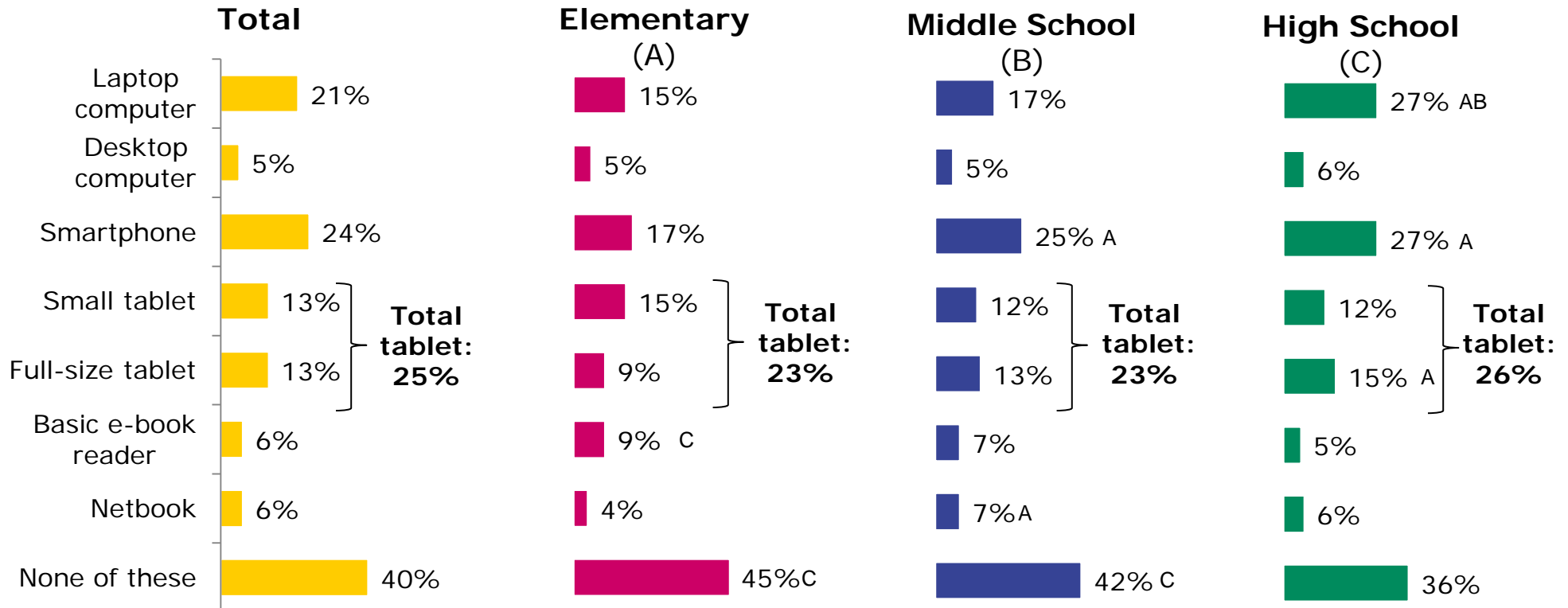
College Student Findings

Four in ten college students own a tablet (38%), including 26% who own a full-size tablet and 18% who own a small tablet. College students are more likely than elementary and secondary school students to own full-size tablets, laptops (90%), smartphones (72%), e-readers (19%), and netbooks (11%).

Letters indicate significant differences at the 95% confidence level.
 Base: Total: n=2350; Elementary: n=500; Middle school: n=750; High school: n=1100
 Q710. Which of the following devices do you personally own?

One-quarter of students plan to purchase tablets and smartphones in the next six months.

6 Month Purchase Intent



Subgroup Findings

There are no overall gender differences in tablet purchase intent. Among middle school students, females are more likely than males to purchase a small tablet (15% vs. 9%), and among high school students, males are more likely than females to intend to purchase a full-size tablet (18% vs. 13%). Black (16%) and Hispanic (16%) Elhi students are more likely than White students (12%) to have intentions of purchasing a full-size tablet.

College Student Findings

Tablet purchase intent among college students is higher than among Elhi students. One-third intend to purchase a tablet, including two in ten who intend to purchase a full-size tablet (22%). They are also more likely to intend on purchasing smartphones (35%). Over one-quarter intend to purchase a laptop (28%) and one in ten (11%) intend to purchase a basic e-reader.

Letters indicate significant differences at the 95% confidence level.

Base: Total: n=2350; Elementary: n=500; Middle school students: n=750; High school students: n=1100

Q715. In the next 6 months, which of the following devices do you intend to purchase?

Among tablet owners, older students are more likely than younger students to own a full-size tablet. Three in ten tablet owners intend to purchase another tablet within the next six months, particularly those in high school.

Tablet Ownership and Purchase Intent among Tablet Owners

	Total Owners	Elementary Owners (A)	Middle School Owners (B)	High School Owners (C)
<i>Base:</i>	712	180	254	278
Tablet Owned				
Small tablet	58%	66% ^C	61%	51%
Full-size tablet	47%	37%	44% ^A	55% ^{AB}
Tablet Purchase Intent				
Tablet (net)	29%	22%	27%	35% ^A
Small tablet	13%	10%	14%	13%
Full-size tablet	18%	12%	16%	24% ^A

College Student Findings

The large majority of college student tablet owners have a full-size tablet (70%). Slightly less than one half have a small tablet (47%).

Four in ten college students who own tablets intend to purchase another one in the next 6 months (43%), including 28% who intend to purchase a full-size tablet and 24% who intend to purchase a small tablet.

Letters indicate significant differences at the 95% confidence level.

Base: Total tablet owners: n=712; Elementary owners: n=180; Middle school owners: n=254; High school owners: n=278

Q710. Which of the following devices do you personally own?

Q715. In the next 6 months, which of the following devices do you intend to purchase?

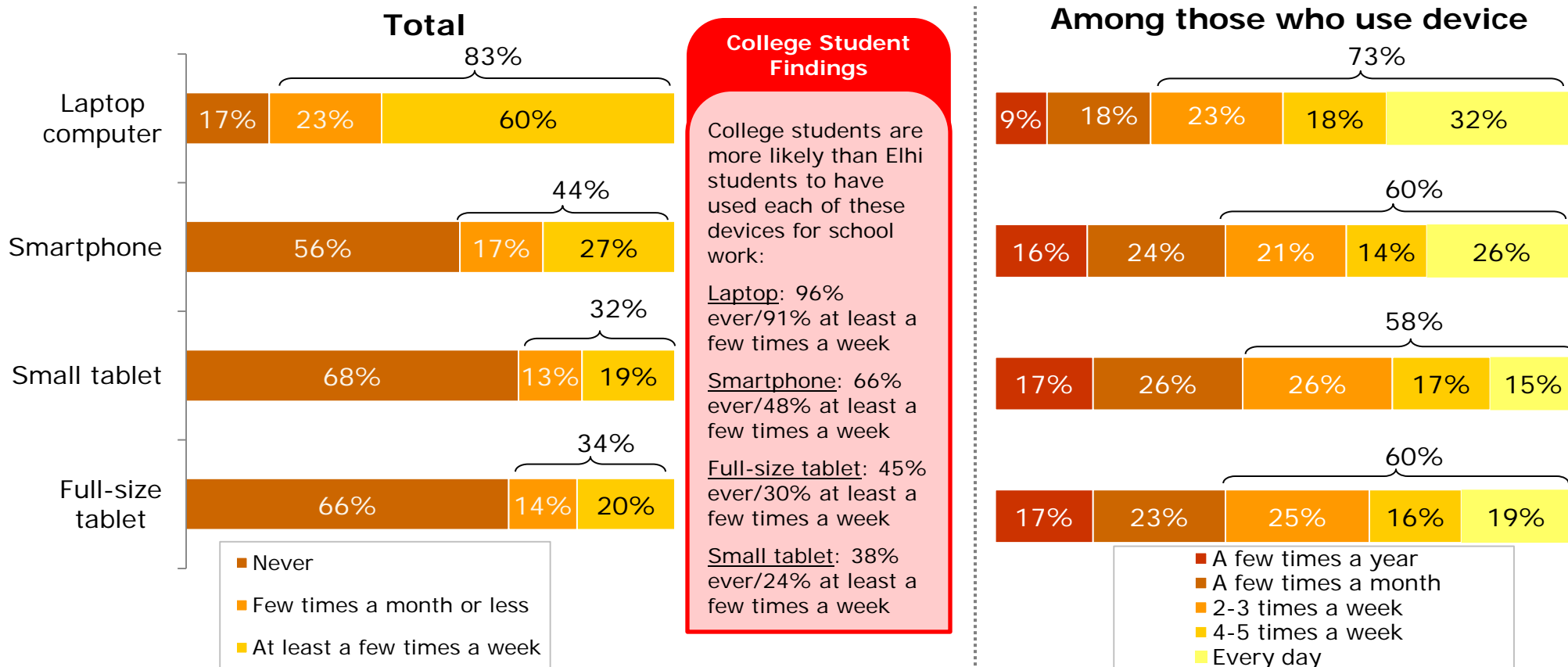
MOBILE DEVICE USAGE FOR SCHOOL WORK

Summary of Mobile Device Usage for School Work

- One-third of all Elhi students have used a full-size tablet (34%) or small tablet (32%) for school work in the 2012-2013 school year.
 - Elementary and middle school students are more likely than high school students to have used small tablets for school work, although there are no differences for full-size tablets.
 - The majority of students using tablets are using them at least 2-3 times a week for school work (small tablets: 58%, full tablets: 60%), with no significant differences by school level.
- Among those who use a tablet for school work, one-half (52%) personally own the tablet that they use. One-quarter (28%) share the tablet that they use with their family, while one in five (17%) use a tablet provided by their school.
- Among students who use full-size tablets for school and take that class, around one-half use their tablet at least a few times a week for school work in English, history, math, and science classes. Less than half of small tablet users say they use small tablets as often for these classes.
- Four in ten Elhi students have used a smartphone for school work this school year (44%). High school students (55%) are more likely than middle school students (41%) and elementary students (29%) to have used a smartphone for school work.

One-third of all Elhi students have used a small tablet or full-size tablet for school work, including two in ten who use it at least several times a week. Over four in ten have used a smartphone for school work. Among those who use tablets or smartphones for school work, six in ten use the device at least a few times a week for this purpose.

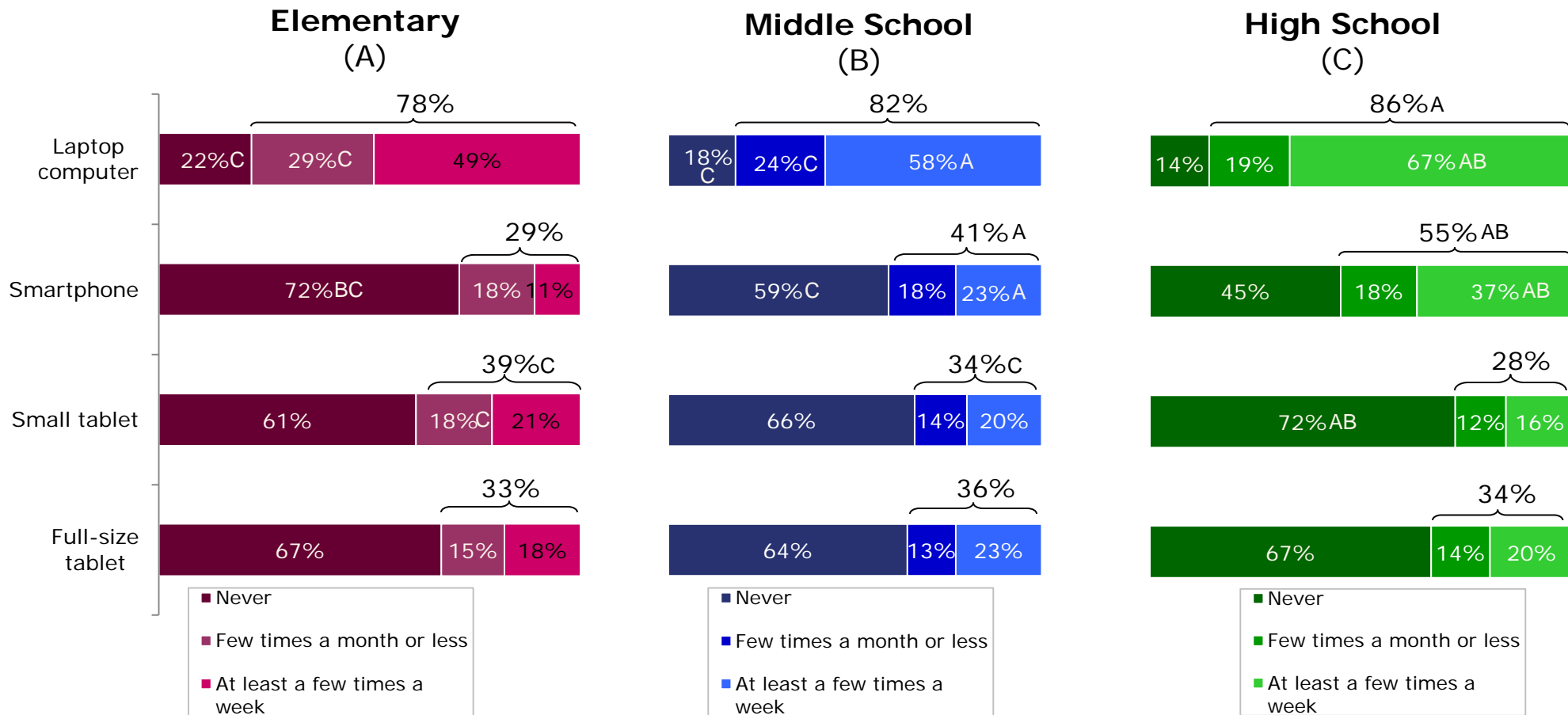
Mobile Device Usage for School Work Among Elhi



Letters indicate significant differences at the 95% confidence level.
 Base: Total n=2,350; Among those who use device (floating – n=732-1986)
 Q805. During this school year, how often do you use any of the following devices to do school work? (Never, a few times a year, a few times a month, 2-3 times a week, 4-5 times a week, every day)

High school students are more likely than elementary and middle school students to use smartphones for school work. Usage of small tablets is higher among elementary and middle school students.

Mobile Device Usage for School Work



Letters indicate significant differences at the 95% confidence level.

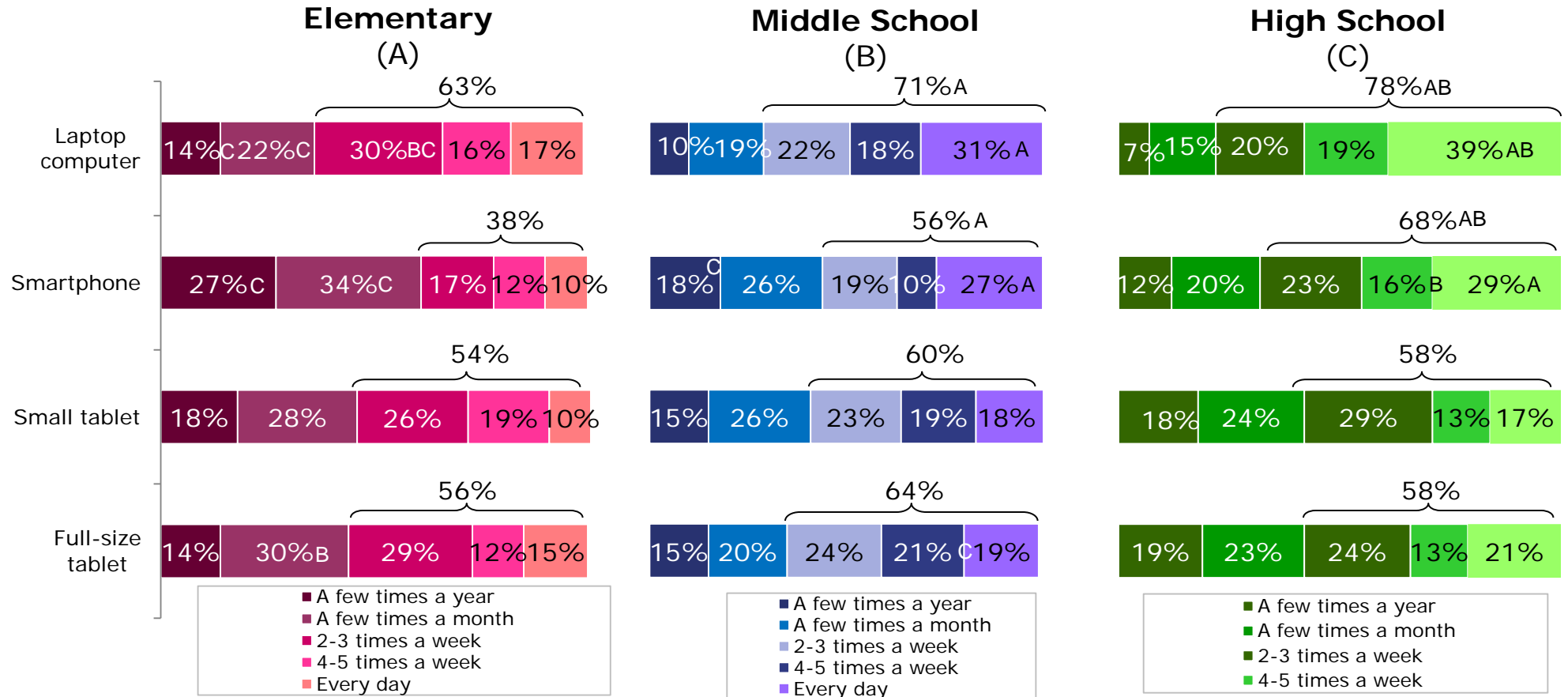
Base: Elementary: n=500; Middle school students: n=750; High school students: n=1100

Q805. During this school year, how often do you use any of the following devices to do school work? (Never, a few times a year, a few times a month, 2-3 times a week, 4-5 times a week, every day)

Among those who use smartphones, older students are more likely than younger students to use them several times a week for school work. There is no difference by school level in the frequency of tablet usage for school work.

Mobile Device Usage for School Work

(Among those who use device)



Letters indicate significant differences at the 95% confidence level.

Base: Among those who use device (floating –Elementary n=157-402; Middle school n=258-620; High school n=292-964)

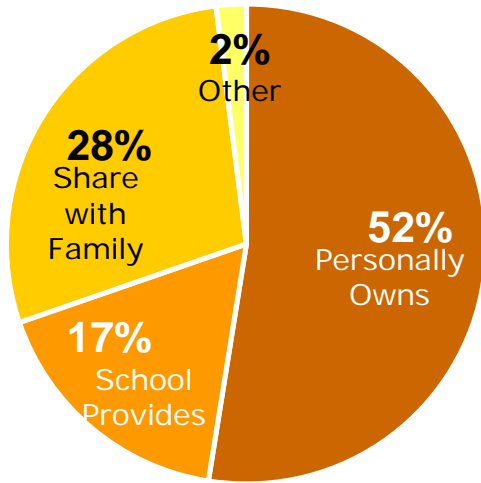
Q805. During this school year, how often do you use any of the following devices to do school work? (Never, a few times a year, a few times a month, 2-3 times a week, 4-5 times a week, every day)

Among those who use a tablet for school work, one-half personally own their tablet, while one-quarter shares with their family and one in six uses a tablet provided by their school. Middle school students are more likely to personally own the tablet that they use for school work than elementary school students.

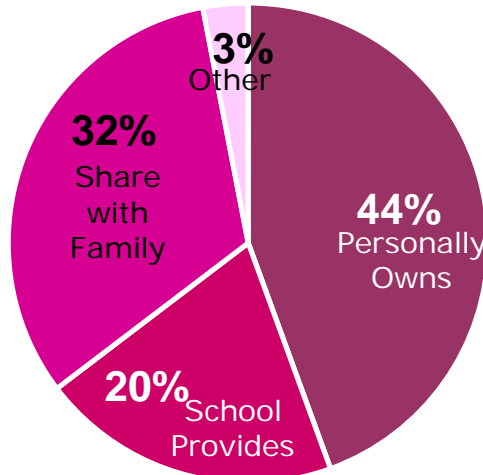
Ownership of Tablet Used for School Work

(Among those who use a tablet for school work)

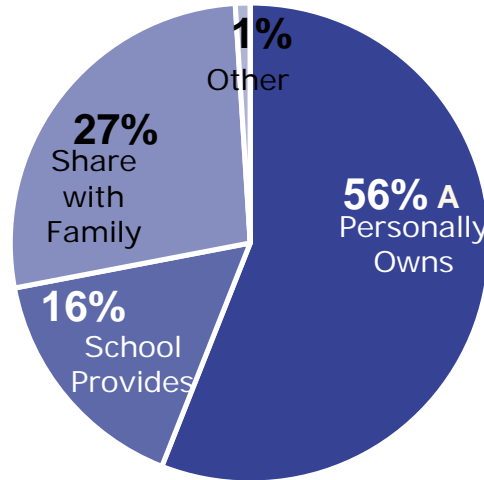
Total



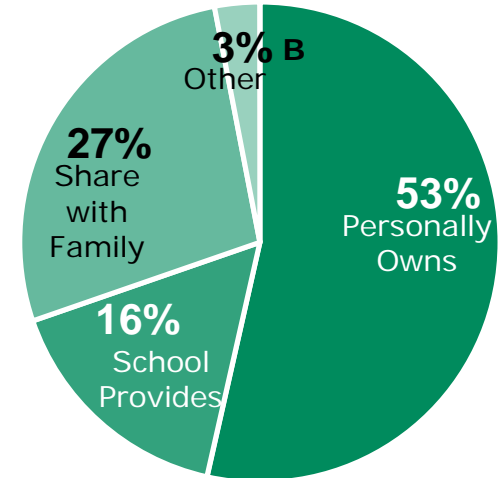
**Elementary
(A)**



**Middle School
(B)**



**High School
(C)**



Letters indicate significant differences at the 95% confidence level.

Base: Uses a full size or small tablet for school work: Total students: n=1088; Elementary: n=262; Middle school: n=378; High school: n=448

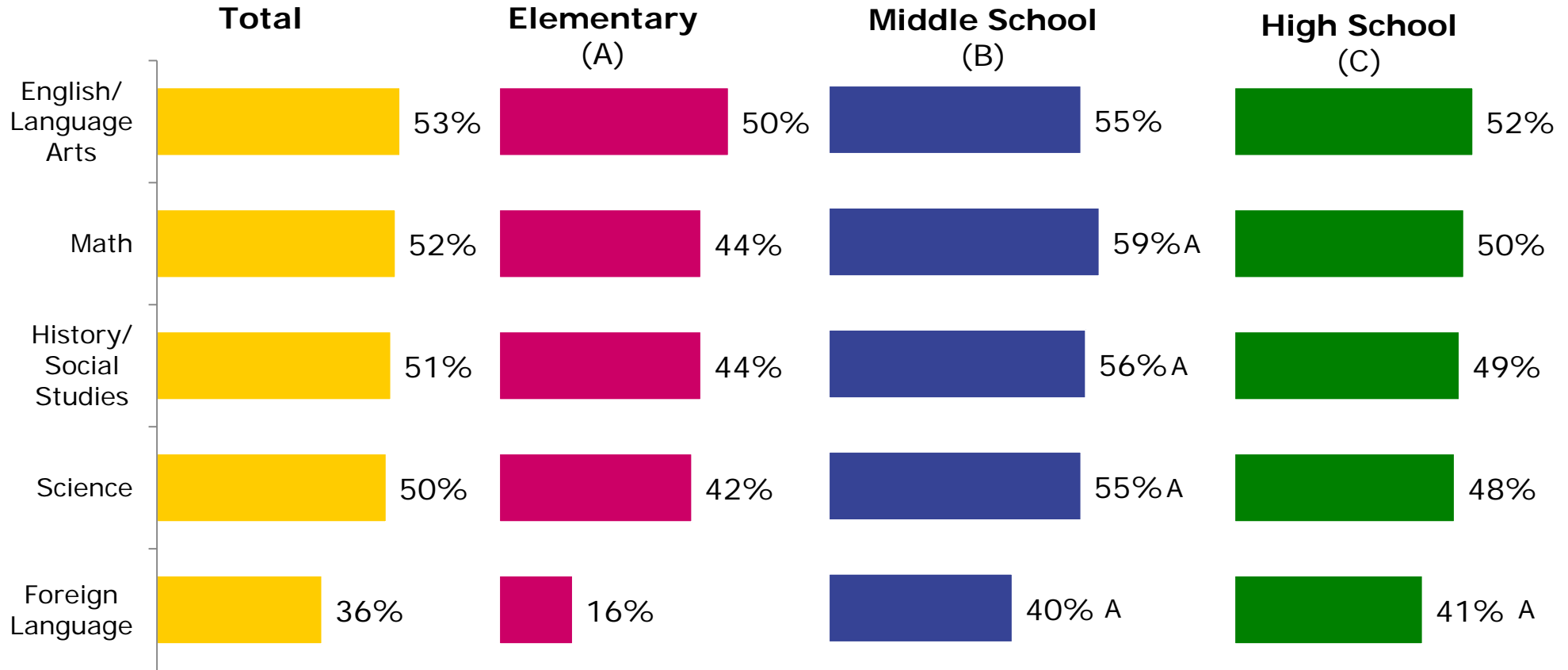
Q810. Is the full-size or small tablet that you use most often for school work one that you personally own or one that your school provides to you?

Among those who use full-size tablets for school work, around one-half use tablets several times a week for English, math, history and science school work. Middle school students report higher usage than elementary school students on these subjects, with the exception of English.

Full-Size Tablet Usage Frequency for School Work

% Who Use Device At Least A Few Times A Week

(Among those who use a full-size tablet for school work AND who take the class)



Letters indicate significant differences at the 95% confidence level.

Base: Among those who use full-size tablets and take the class (floating)

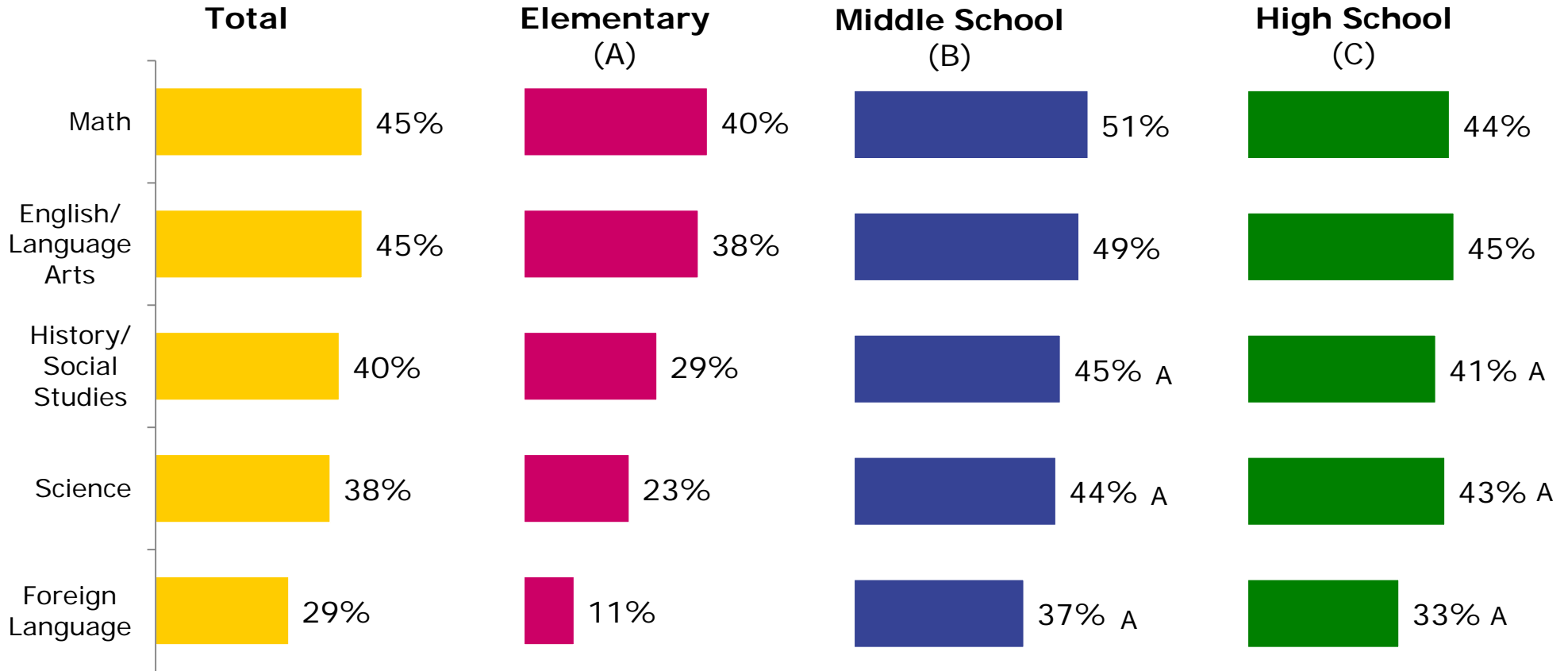
Q815. During this school year, how often do you use a full-size tablet to do school work for any of the following subjects?

Nearly one-half of students who use a small tablet for school work use it for math or English at least a few times a week. Slightly fewer use it for history or science. Middle school and high school students are more likely than elementary school students to use a small tablet for history, science, and foreign language school work.

Small Tablet Usage Frequency for School Work

% Who Use Device At Least A Few Times A Week

(Among those who use a small tablet for school work AND who take the class)



Letters indicate significant differences at the 95% confidence level.

Base: Among those who use small tablets and take the class (floating)

Q825. During this school year, how often do you use a small tablet to do school work for any of the following subjects?

WHAT STUDENTS DO NOW WITH MOBILE DEVICES, AND WHAT THEY WANT TO DO IN THE FUTURE

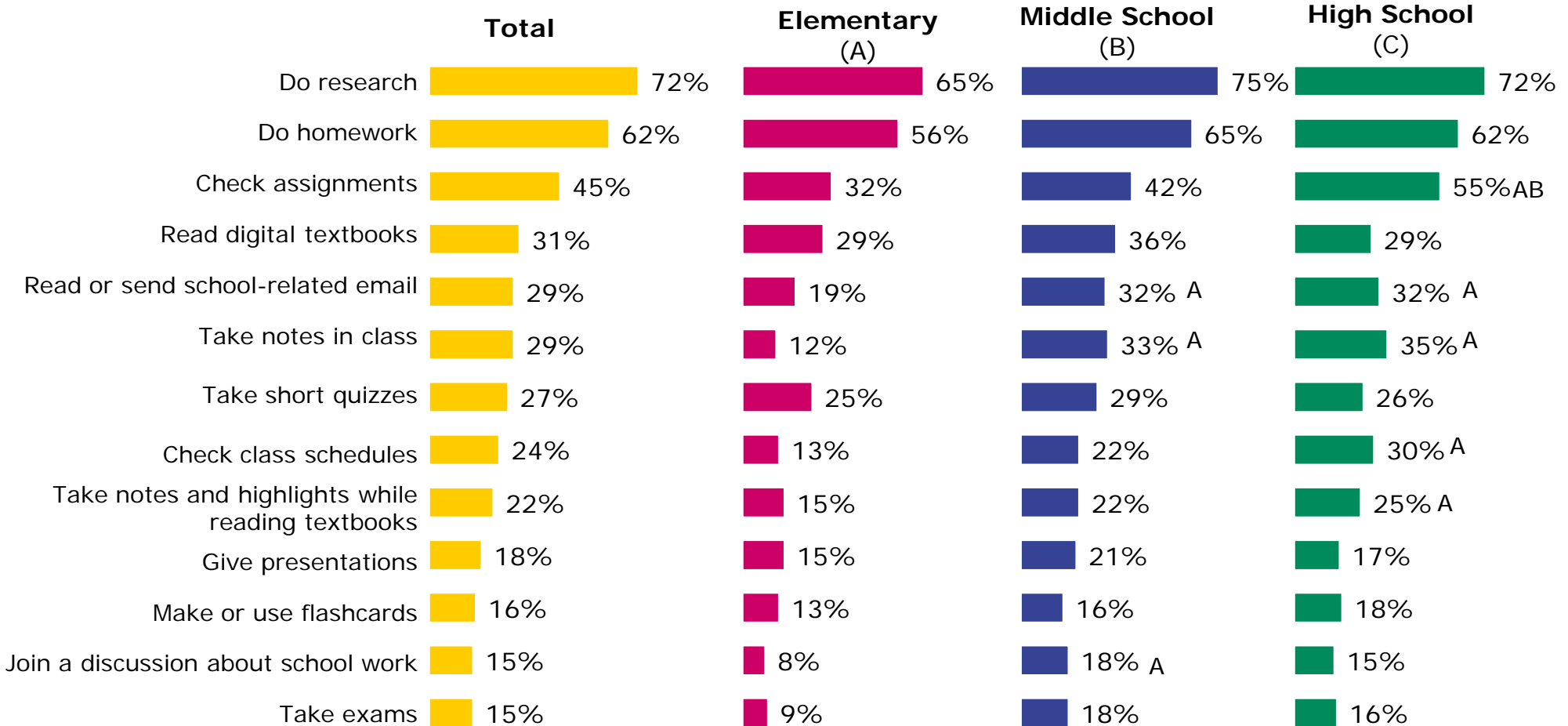
Summary of What Students Do Now with Mobile Devices, and What They Want To Do in the Future

- Students are most likely to use tablets to do research and homework.
- The biggest gaps between how students currently use tablets and how they would like to use them are: doing homework, doing research, checking assignments, taking notes in class, and reading digital textbooks.
 - Younger students are more likely than older students to want to use tablets for doing homework, while older students are more likely to want to use tablets to check assignments, check schedules, and take notes.
 - Elementary (39%) and middle school (39%) students are also more likely than high school students (32%) to want to use small tablets to read digital textbooks.
- Students say that they want to do more school work with full-size tablets than with small tablets, especially research and homework, checking assignments, reading digital textbooks, and giving presentations.

Among those who use full-size tablets for at least one core subject, the most popular activities are doing research and homework, followed by checking assignments. Older students are more likely than younger students to use full-size tablets to check assignments, email, and take notes in class.

Current School-Related Activities Done on Full-Size Tablets

(Among those who use a full-size tablet for at least one core subject)



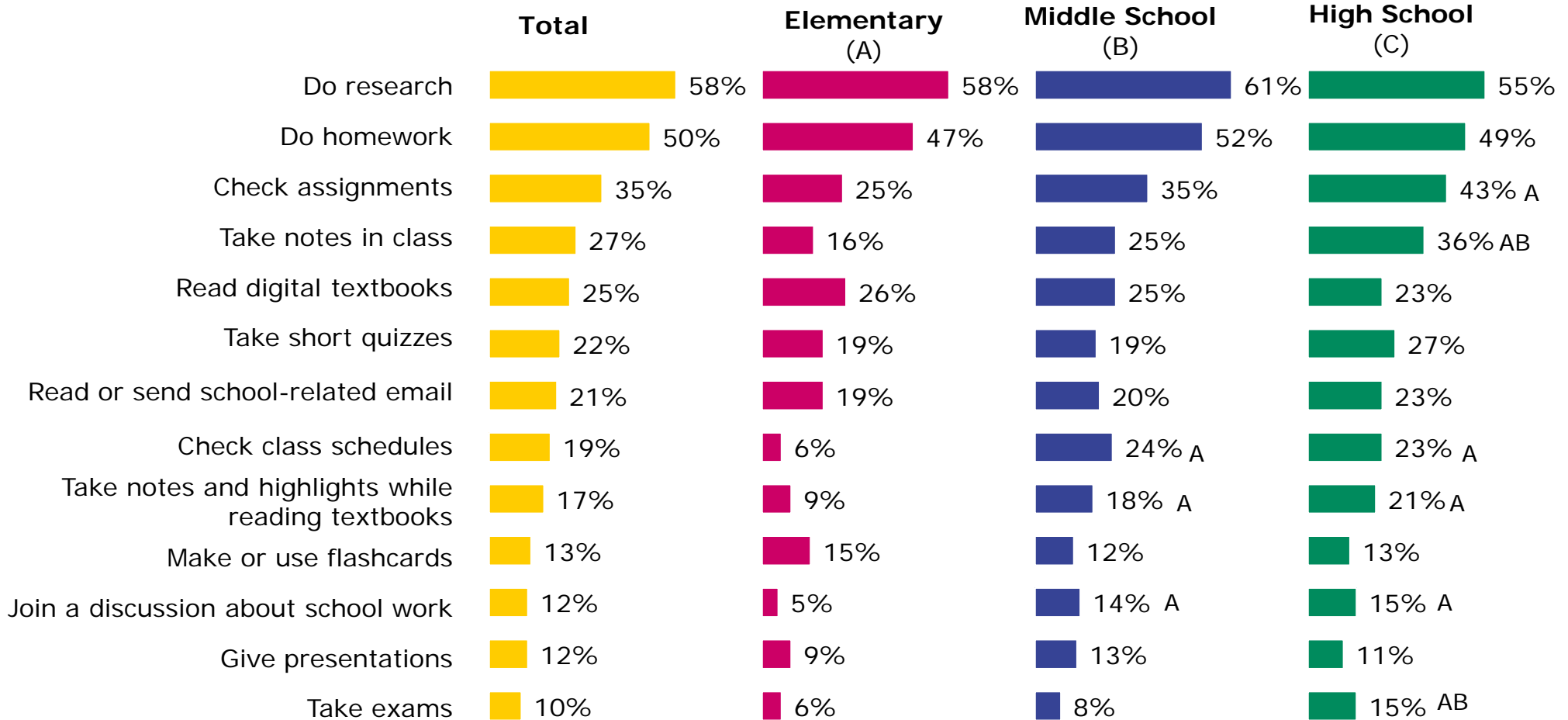
Base: Among Elhi students who use full-size tablet for at least one core subject (English/Language Arts, Foreign Language, History/Social Studies, Math, and Science): Total students: n=777; Elementary: n=173; Middle school: n=266; High school: n=338

Q820. Which of the following school-related activities do you currently do with a full-size tablet for your [INSERT SUBJECT] class or classes?

Similar to those who use full-size tablets for core subjects, doing research and homework are the top activities done on small tablets among those who use those devices. Older students are more likely to use small tablets to check assignments, take notes, and check schedules.

Current School-Related Activities Done on Small Tablets

(Among those who use a small tablet for at least one core subject)

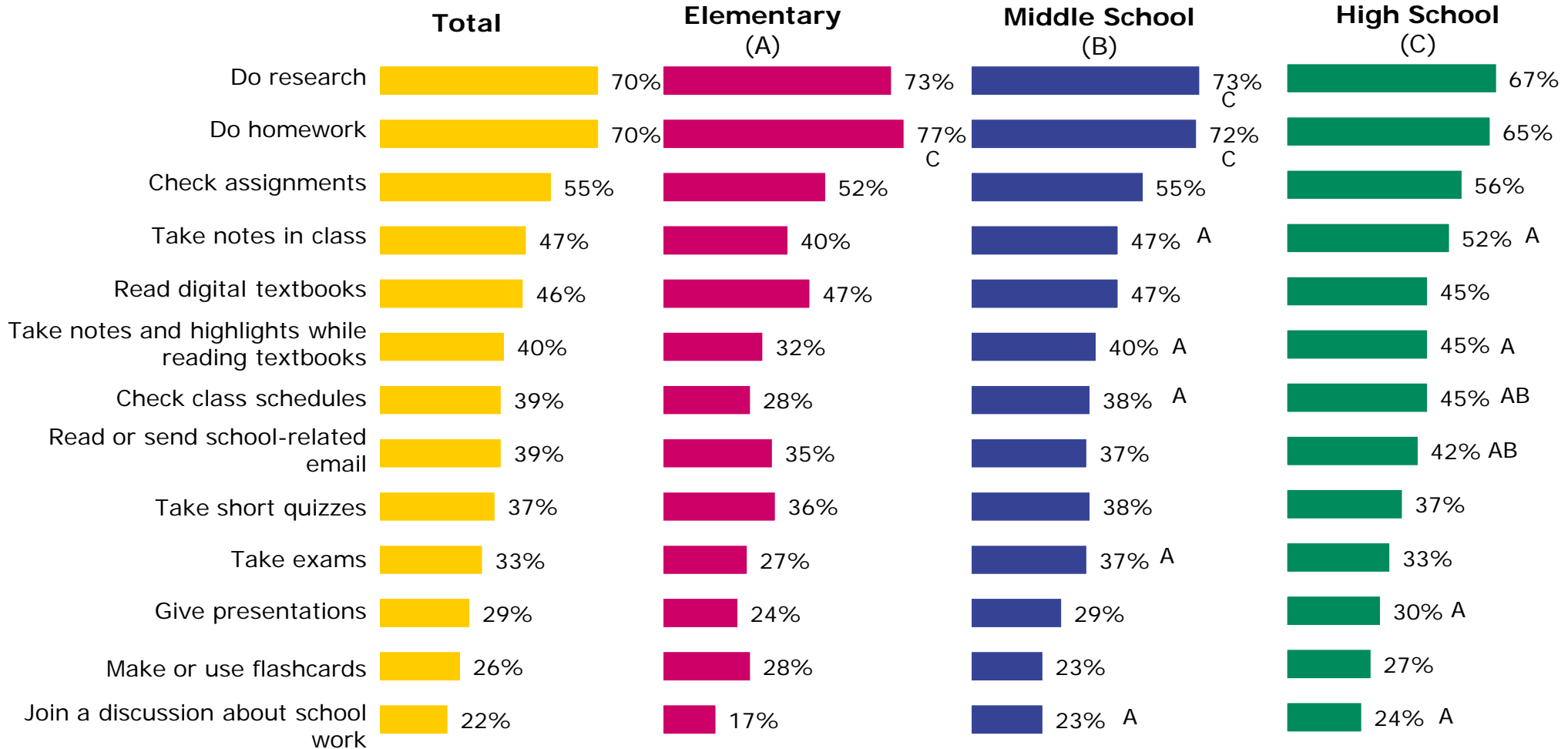


Base: Among Elhi students who use small tablet for at least one core subject (English/Language Arts, Foreign Language, History/Social Studies, Math, and Science): Total students: n=631; Elementary: n=158; Middle school: n=238; High school: n=235

Q830. Which of the following school-related activities do you currently do with a small tablet for your [INSERT SUBJECT] class or classes?

The activities that students most want to do on a full-size tablet are doing research and homework. High school students are more likely to envision using tablets for checking class schedules and sending emails.

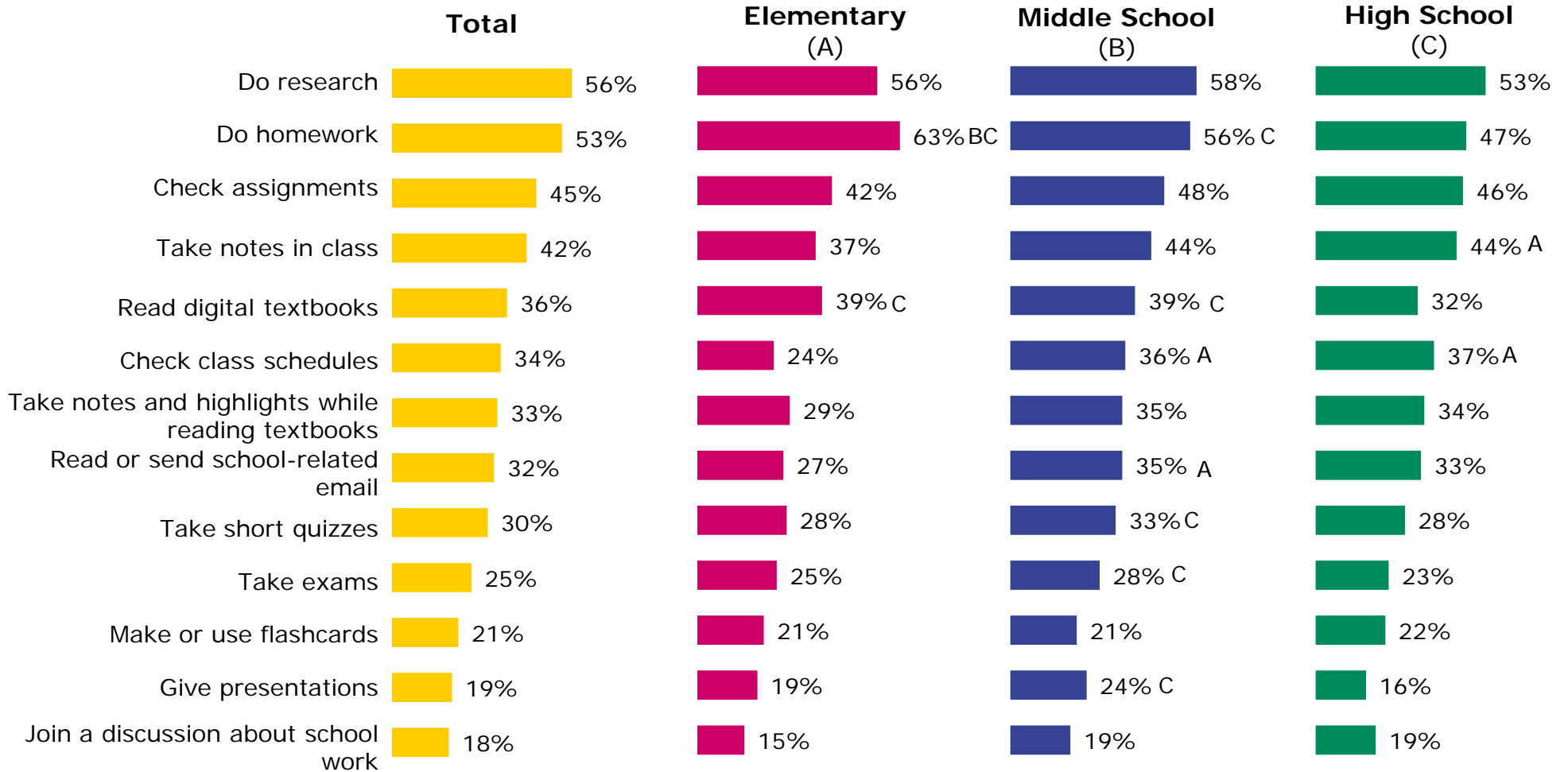
Desired School-Related Activities on a Full-Size Tablet



Base: Total students: n=2350; Elementary: n=500; Middle school: n=750; High school: n=1100
 Q905. Which of the following school-related activities would you like to do with a full-size tablet for your schoolwork, even if you are not able to do them this school year?

The top activities that students would like to do on a small tablet are doing research and homework. Elementary school students are more likely than older students to want to do homework on a small tablet. Elementary and middle school students are also more likely than high school students to want to read digital textbooks on a small tablet.

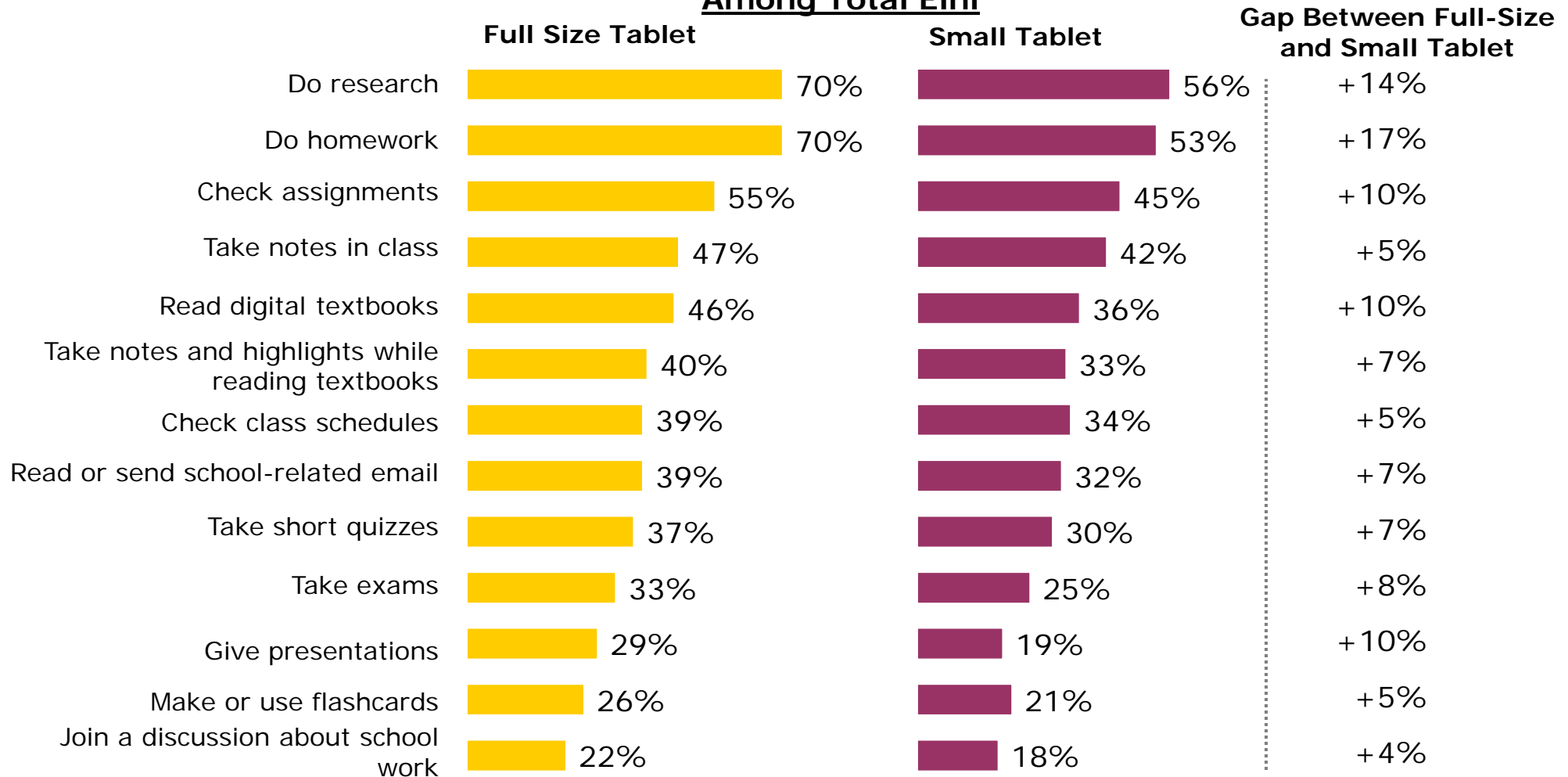
Desired School-Related Activities on a Small Tablet



Base: Total students: n=2350; Elementary: n=500; Middle school: n=750; High school: n=1100
 Q910. Which of the following school-related activities would you like to do with a small tablet for your schoolwork, even if you are not able to do them this school year?

Students prefer full-size tablets over small tablets for doing homework, doing research, checking assignments, reading digital textbooks, and giving presentations, among other activities.

Desired School-Related Activities on Full-Size v. Small Tablet
Among Total Elhi



Base: Total students n=2350

Q905. Which of the following school-related activities would you like to do with a full-size tablet for your schoolwork, even if you are not able to do them this school year?

Q910. Which of the following school-related activities would you like to do with a small tablet for your schoolwork, even if you are not able to do them this school year?

Gap Score Analysis on Desired and Current Usage of Mobile Devices for School-related Activities

- The following three slides show the gap score differences between desired usage and current usage of full-size tablets, small tablets, and smartphones for school-related activities.
- How the scores were calculated: The percentages found in earlier slides of the various school-related activities that students who use a mobile device for at least one core class currently do on their device were re-based from the subset of **current users** to **total students**. This was done to obtain the percentages of **all** students who currently do these school-related activities on a mobile device. The re-based percentages were then subtracted from the percentages of **all** students who say that they would *like* to use a mobile device for the same activities, even if they aren't able to do so currently.
 - For example: Among the Elhi students who use a full-size tablet for school work in a core class, 62% of them currently use a full-size tablet to do homework. When this percentage is rebased to be among total students, the percentage becomes 20%, meaning 20% of *all* Elhi students are currently using a full-size tablet to do homework (current usage). Additionally, 70% of *all* Elhi students say that they would *like* to use full-size tablets to do homework (desired usage). Therefore, the percentage point difference between desired and current usage of a full-size tablet to do homework among all Elhi students is 50, which is the gap score.

	Current Usage		Desired Usage	Gap Score
	% of Current Users	% of Total Students	% of Total Students	% Point Difference between Desired and Current Usage
Do homework	62%	20%	70%	50 (70%-20%)

- How to read the tables: The gap scores between desired and current usage are displayed in the tables. The magnitude of the differences are represented by the shade of the color in the cells, with dark green being a larger difference and light yellow being a smaller difference.
- Gap scores are shown on the total 4th-12th grade population, school level, gender, and race/ethnicity.

The biggest gaps among students in current and desired usage of full-size tablets is in doing homework and research.

Gap Scores on Desired vs. Current School-Related Activities on a Full-Size Tablet

Percentage point differences between desired and current usage (Desired % - Current %)

	Total	School Level			Gender		Race/Ethnicity		
		Elementary	Middle School	High School	Boys	Girls	White/Other	Black	Hispanic
<i>Base:</i>	2350	500	750	1100	1131	1219	1597	336	417
Do homework	50	59	49	46	48	51	52	46	46
Do research	47	52	47	45	45	49	49	42	43
Check assignments	40	42	40	39	37	44	41	40	37
Take notes in class	38	36	35	41	35	41	39	35	36
Read digital textbooks	36	38	34	36	35	37	37	30	35
Take notes and highlights while reading textbooks	33	27	32	37	28	38	35	31	30
Check class schedules	31	24	30	36	27	34	32	27	31
Read or send school-related email	30	29	26	32	28	29	31	25	28
Take short quizzes	28	28	28	29	27	30	30	21	26
Take exams	28	24	31	28	27	29	29	23	28
Give presentations	23	19	22	25	22	24	24	19	20
Make or use flashcards	21	24	17	21	16	26	21	19	20
Join a discussion about school work	17	14	17	19	15	20	18	19	16

Q820. Which of the following school-related activities do you currently do with a full-size tablet for your [INSERT SUBJECT] class or classes? Combined data for English/Language Arts, Foreign Language, History/Social Studies, Math, and Science classes. Rebased on total.

Q905. Which of the following school-related activities would you like to do with a full-size tablet for your schoolwork, even if you are not able to do them this school year?

Similar to full-size tablets, the biggest gaps in current and desired usage of small tablets is in doing homework and research, although the differences are to a smaller extent.

Gap Scores on Desired vs. Current School-Related Activities on a Small Tablet

Percentage point differences between desired and current usage (Desired % - Current %)

	Total	School Level			Gender		Race/Ethnicity		
		Elementary	Middle School	High School	Boys	Girls	White/Other	Black	Hispanic
<i>Base:</i>	2350	500	750	1100	1131	1219	1597	336	417
Do research	39	36	39	40	39	40	42	32	35
Do homework	39	47	40	36	40	38	41	35	35
Check assignments	35	33	37	36	34	37	37	33	30
Take notes in class	34	32	36	36	33	35	36	31	33
Read digital textbooks	29	30	31	27	26	32	32	27	18
Check class schedules	29	22	28	32	26	31	30	27	22
Take notes and highlights while reading textbooks	28	26	29	29	27	31	29	25	27
Read or send school-related email	26	21	29	28	25	28	28	22	24
Take short quizzes	24	22	27	22	25	22	26	16	19
Take exams	22	23	25	19	21	23	22	24	19
Make or use flashcards	17	16	17	19	17	18	18	16	16
Give presentations	16	16	20	13	15	17	16	15	15
Join a discussion about school work	15	13	15	15	13	16	15	19	11

Q830. Which of the following school-related activities do you currently do with a small tablet for your [INSERT SUBJECT] class or classes? Combined data for English/Language Arts, Foreign Language, History/Social Studies, Math, and Science classes. Rebased on total.

Q910. Which of the following school-related activities would you like to do with a small tablet for your schoolwork, even if you are not able to do them this school year?

APPENDIX

Demographic Profile

	Total Elhi	Elementary (A)	Middle School (B)	High School (C)	Elhi Tablet Owners (D)	Elhi Tablet Non-Owners (E)
<i>Base:</i>	2350	500	750	1100	712	1638
Gender						
Male	51%	51%	52%	50%	52%	51%
Female	49%	49%	48%	50%	48%	49%
Grade						
4th-5th grade	21%	100%	-	-	24%	20%
6th-8th grade	35%	-	100%	-	38%	34%
9th-12th grade	44%	-	-	100%	38%	47%
Race/Ethnicity						
White	61%	62%	59%	62%	58%	62%
Black/African American	15%	14%	16%	15%	13%	15%
Hispanic	16%	18%	17%	15%	19% ^E	15%
Other	7%	6%	8%	7%	8%	7%
Highest Level of Parental Education						
High school or less	25%	20%	28% ^A	25%	21%	27% ^D
Some college/Associate degree/Job training after high school	40%	43%	37%	40%	38%	40%
College degree	22%	22%	22%	22%	25% ^E	20%
Some graduate school/Graduate degree	13%	15%	13%	13%	16% ^E	12%

Letters indicate significant differences at the 95% confidence level.

Demographic Profile (continued)

	Total Elhi	Elementary (A)	Middle School (B)	High School (C)	Elhi Tablet Owners (D)	Elhi Tablet Non-Owners (E)
<i>Base:</i>	2350	500	750	1100	712	1638
School Type						
Public school	88%	88%	86%	89%	88%	88%
Private or parochial school	8%	8%	9%	7%	8%	7%
Home-schooled	4%	4%	4%	4%	4%	5%
School Location						
Urban	34%	33%	36%	32%	32%	35%
Suburban	38%	42%	38%	37%	43% ^E	37%
Rural	28%	25%	25%	31% ^{AB}	25%	29%
Type of Classes						
Taking an online course this year	13%	-	11%	16% ^B	18% ^E	12%
Took an online course in the past	14%	-	9%	17% ^B	19% ^E	12%
Never took an online course	76%	-	82% ^C	72%	69%	79% ^D

Letters indicate significant differences at the 95% confidence level.

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