Microsoft

2025 AI in Education Report Survey Details

Microsoft Education

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Introduction

AI is transforming nearly every aspect of our society, from how work gets done to how companies operate. It's changing how we talk with our doctors, our employees, and our customers, bridging language gaps and helping us communicate more clearly and effectively. And it's transforming education too.

Across the globe, educators are using AI to increase student agency, giving them a greater sense of ownership over how they learn. Education leaders and institutions are leveraging AI to enhance operational and administrative processes and are tapping into real-time data to improve student success. And an exciting shift is starting when it comes to the benefits of using AI—no longer just a time saver, it can empower everyone to reimagine opportunities for the future of education together.

To better understand the state of AI in education, Microsoft Education has conducted numerous studies and surveys and collaborated with academic institutions and organizations. We've also surveyed academic and IT leaders, educators, and students from around the world; this document includes the extended survey data for more insights.

A follow-up to our AI in Education Report in 2024, this year's edition reveals much about the ongoing evolution of AI in education, from how audiences feel about it to how it's being used in education today—and how it might be used in the future.

Read the 2025 AI in Education Report

Research Details

Online quantitative survey fielded February 13th–March 9th

International data is weighted be education spend estimates from the World Bank.

Weighted Base Sizes	United States	Intl. Total	United Kingdom	Australia	Brazil	Japan	Saudi Arabia
K-12 Educators	300	302	63	63	63	63	50
K-12 Academic Leaders	100	303	63	63	63	63	51
Higher Ed Educators	150	298	62	62	62	62	50
Higher Ed Academic Leaders	100	298	62	62	62	62	50
Global Spend in Billions USD (% of "global" spend)	–	$567.24 (100%)	$167.00 (29.44%)	$89.64 (15.80%)	$119.55 (21.08%)	$136.50 (24.06%)	$54.55 (9.62%)

Note: Significance testing throughout the report is calculated with a 95% CI comparing equivalent International audiences to US audiences (i.e., International K-12 Educators vs US K-12 Educators, International Higher Ed Academic Leaders vs US Higher Ed Academic Leaders).

US audiences also included Students and IT Leaders:

- n=300 K-12 Students (ages 16–18)
- n=301 Higher Ed Students
- n=100 K-12 IT Leaders
- n=100 Higher Ed IT Leaders

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United States
K–12

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AI Familiarity & Perceptions in U.S. K-12

AI familiarity and use has dramatically increased for Educators and Students, though Leaders are still more familiar and likely to use daily

Relationship With AI	K-12 Educators *n=300*		K-12 Students *n=300*		K-12 Academic Leaders *n=100*		K-12 IT Leaders *n=100*	
AI Familiarity *'Know a lot about AI'*	33	Δ+19	41	Δ+20	63	Δ+8	76	Δ+9
AI Use in Role/For School-Related Purposes *Have used it at least once or twice*	80	Δ+21	92	Δ+25	99	Δ+1	100	Δ+2
Daily Use in Role or For School-Related Purposes	19	Δ+6	25	Δ+16	42	Δ+7	59	Δ+8

AI familiarity varies based on location and is higher in urban areas:

Urban Educators and Leaders report AI familiarity **33 points** higher than their Suburban + Rural counterparts

Urban Students report familiarity **13 points** higher than Suburban + Rural Students

Δ Indicates point change from late 2023, - Indicates new answer choice

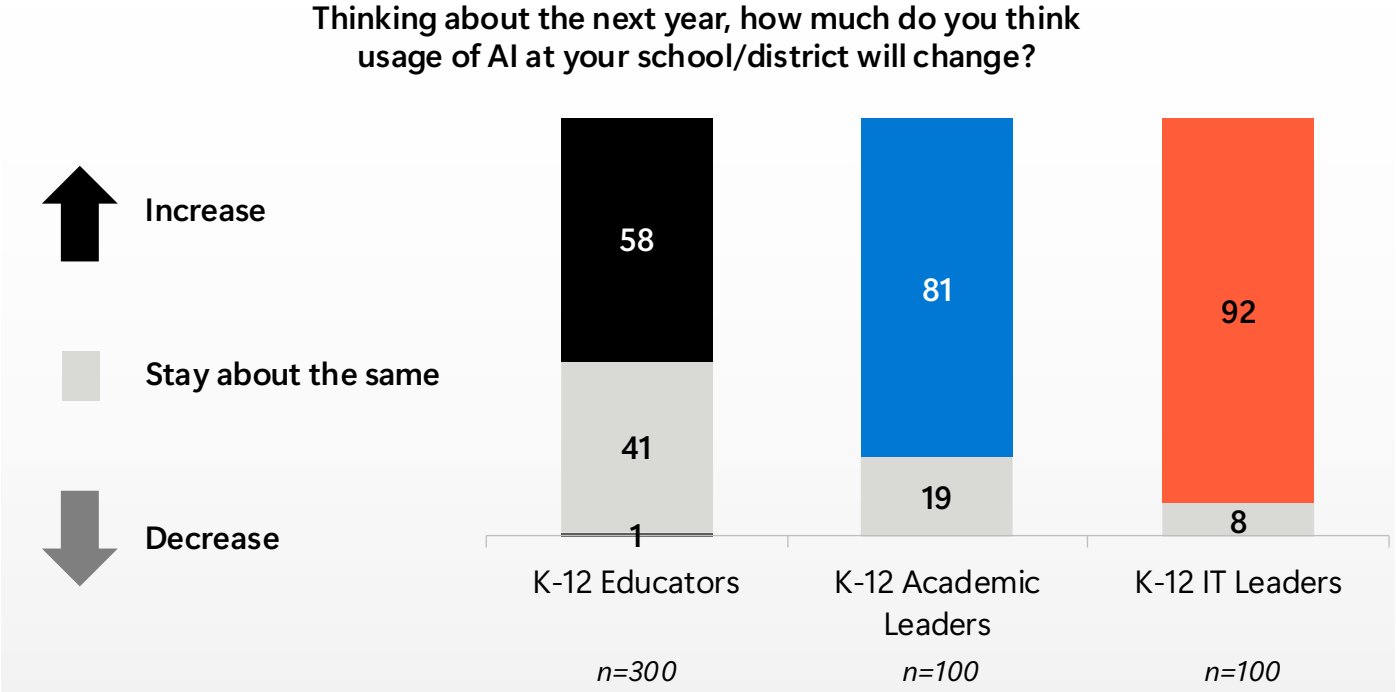
Urban audiences report much higher AI familiarity and higher daily use compared to their suburban counterparts

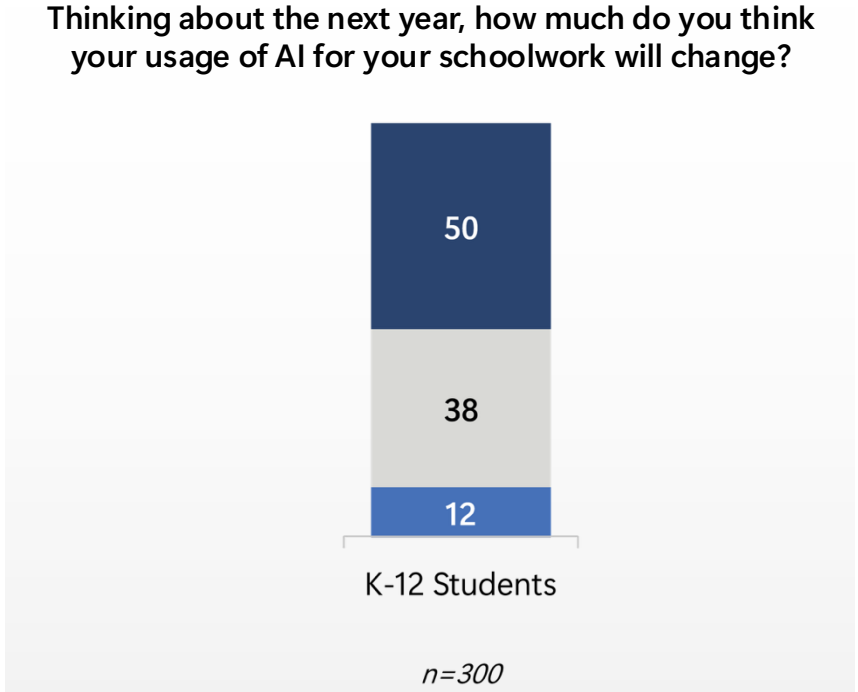
Relationship With AI	K-12 Urban Educators + Leaders *n=259*	K-12 Suburban + Rural Educators + Leaders *n=241*	K-12 Urban Students *n=144*	K-12 Suburban + Rural Students *n=156*
AI Familiarity *'Know a lot about AI'*	63	30	48	35
AI Use in Role/For School-Related Purposes *Have used it at least once or twice*	95	80	95	90
Daily Use in Role or For School-Related Purposes	39	24	29	21

All audiences expect AI usage for school-related purposes to increase in the next year

Change in AI Usage

Showing % selected





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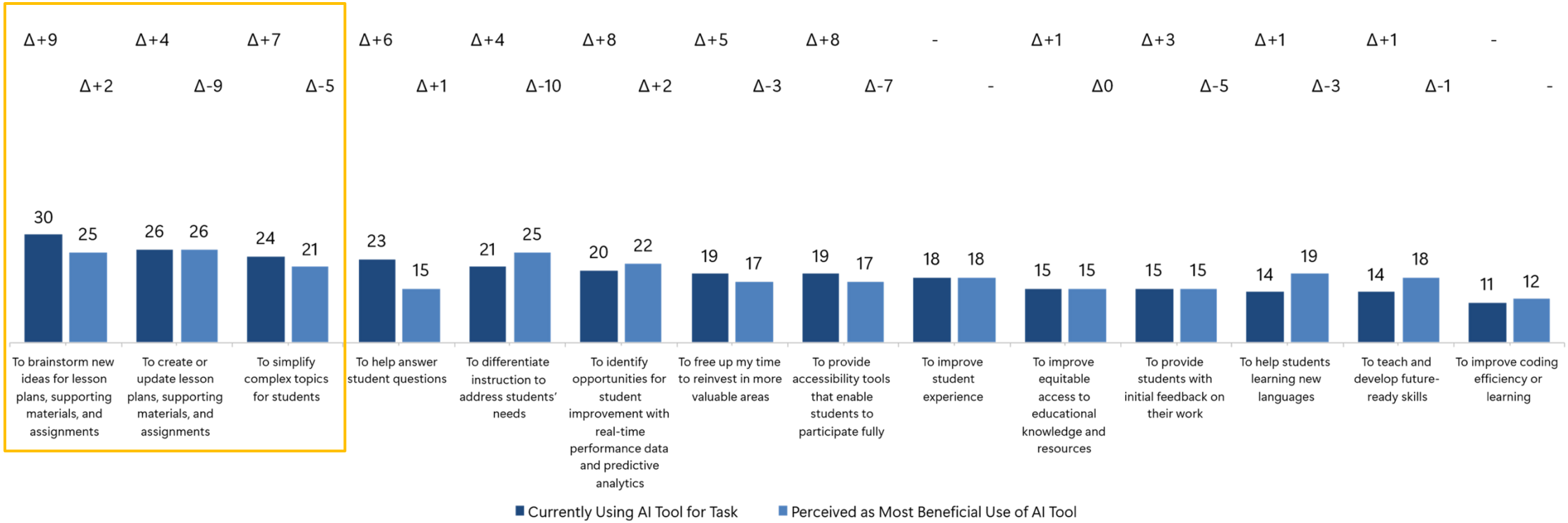
AI Use Cases, Benefits, & Concerns in U.S. K-12

Brainstorming new ideas, creating or updating lesson plans, and simplifying complex topics for students are currently the top AI use cases for Educators

AI Tool Use Cases For U.S. K-12 Educators

Showing % selected; Ranked by Currently Using, U.S. K-12 Educators n=300

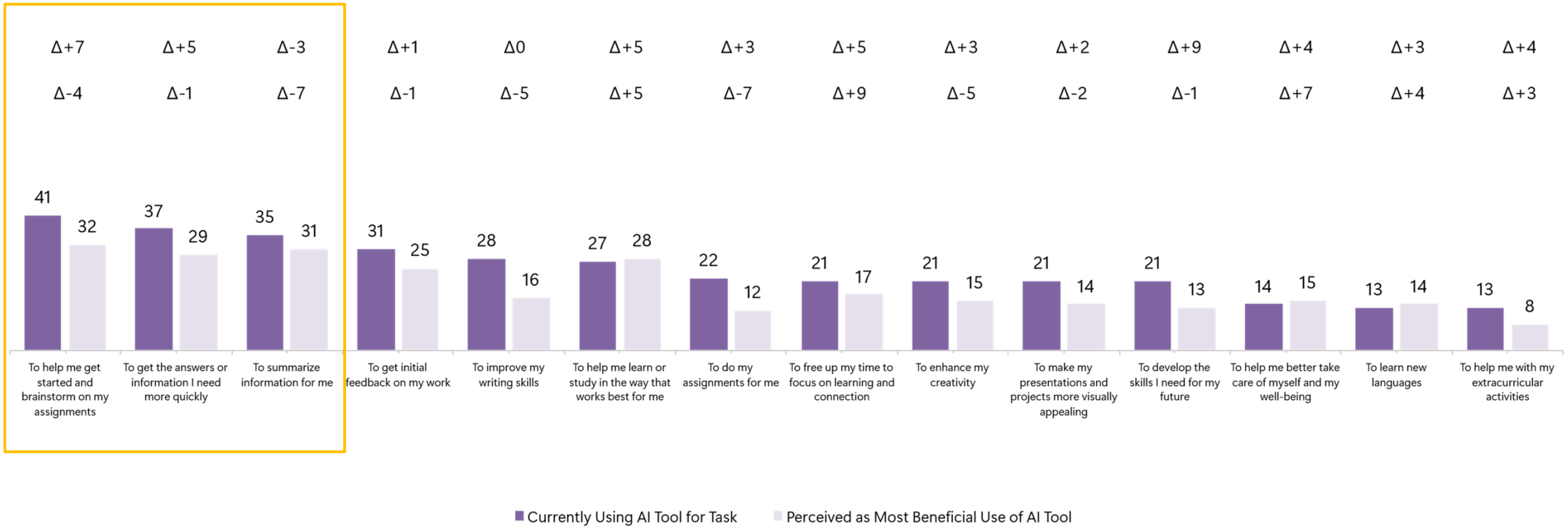


Δ Indicates point change from late 2023, - Indicates new answer choice

Students are most often using AI to get started and brainstorm, find information quickly, and summarize information

AI Tool Use Cases For U.S. K-12 Students

Showing % selected; Ranked by Currently Using, U.S. K-12 Students n=300

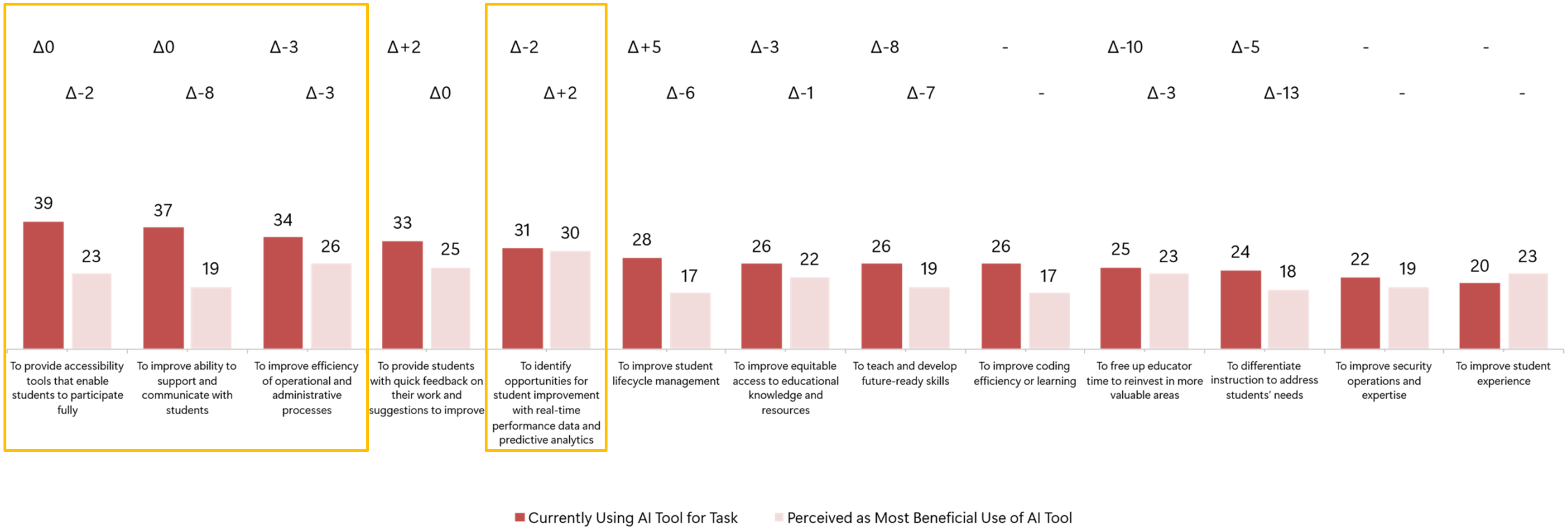


Δ Indicates point change from late 2023, - Indicates new answer choice this wave

Academic Leaders use AI to enhance accessibility, communications, administrative efficiency, and identify opportunity for improvement

AI Tool Use Cases For U.S. K-12 Academic Leaders

Showing % selected; Ranked by Currently Using, U.S. K-12 Academic Leaders n=100



Δ Indicates point change from late 2023, - Indicates new answer choice

Top use cases for IT Leaders include improving student support and operational and administrative processes

AI Tool Use Cases For U.S. K-12 IT Leaders

Showing % selected; Ranked by Currently Using, U.S. K-12 IT Leaders n=100

Δ Indicates point change from late 2023, - Indicates new answer choice

Academic dishonesty remains top of mind for Educators, and Leaders share privacy, security, ethical, and resourcing concerns

Top AI Concerns *Showing % selected for top 3 concerns; Ranked by U.S. K-12 Educators*	K-12 Educators *n=300*		K-12 Academic Leaders *n=100*		K-12 IT Leaders *n=100*	
Increase in plagiarism and cheating	36	Δ-9	18	Δ-9	9	Δ-13
Privacy and security concerns related to student and staff data	23	Δ-1	29	Δ+10	17	Δ-3
Potential for becoming overly dependent on AI tools	22	Δ-14	18	Δ-3	17	Δ-1
Misinformation leading to inaccurate use or interpretation of AI-generated content	21	Δ+2	11	Δ-9	22	Δ+2
Insufficient training for educators/administrators on understanding and effectively using AI	18	Δ0	20	Δ+7	22	Δ+4
Ethical concerns, such as impact on human autonomy and responsibility for AI-driven actions	18	Δ-2	26	Δ+7	22	Δ+2
Job loss due to automation in education roles	17	Δ-3	11	Δ-5	11	Δ-5
Usage of AI to generate inappropriate or harmful content	17	-	23	-	8	-
Loss of the most meaningful and enjoyable parts of working in education	15	Δ-5	13	Δ-2	16	Δ0
Lack of clear policies and regulations to use AI in educational settings	14	Δ-6	12	Δ-4	14	Δ-6
Inadequate guidance for students on appropriate AI tool usage	13	Δ-5	21	Δ+8	16	Δ-9
Lack of evidence that AI tools can improve learning outcomes	12	Δ0	7	Δ-10	9	Δ-5
Lack of IT resources and technical readiness/expertise to implement AI tools	11	Δ+1	15	Δ-4	23	Δ-3
Impact on students' mental health and wellbeing	11	-	15	-	19	-
Potential to reinforce public bias and stereotypes	7	Δ-3	10	Δ-1	8	Δ-4
Ensuring equitable access to AI tools for all students	5	Δ-2	17	Δ-3	22	Δ+1
I am not concerned about AI usage at all	6	Δ+4	3	Δ-1	5	Δ+5

Δ Indicates point change from late 2023, - Indicates new answer choice

=Top 3 concerns per audience

Students are most concerned about accusations of academic dishonesty, overreliance on AI, and misinformation

Top U.S. K-12 Student AI Concerns ***Showing % selected for top 3 concerns***	K-12 Students ***n=300***	
Potential to be accused of plagiarism or cheating	35	Δ-14
Potential for becoming overly dependent on AI tools	33	Δ-18
Misinformation leading to inaccurate use or interpretation of AI-generated content	29	Δ0
Job loss due to automation in future career paths	22	Δ-4
Ethical concerns, such as impact on human autonomy and responsibility for AI-driven actions	22	Δ+6
Loss of the most meaningful and enjoyable parts of learning	22	-
Privacy and security concerns related to my data	20	Δ-1
Usage of AI to generate inappropriate or harmful content	20	Δ0
Ensuring equitable access to AI tools for all students	13	Δ+8
Lack of guidance from my school on when I can or can't use AI	12	Δ+1
Impact to my mental health and well-being	12	Δ+4
Potential to reinforce public bias and stereotypes	11	Δ0
Insufficient training on understanding and effectively using AI	9	Δ-2
I am not concerned about AI usage at all	5	Δ-2

Δ Indicates point change from late 2023, - Indicates new answer choice

=Top 3 concerns

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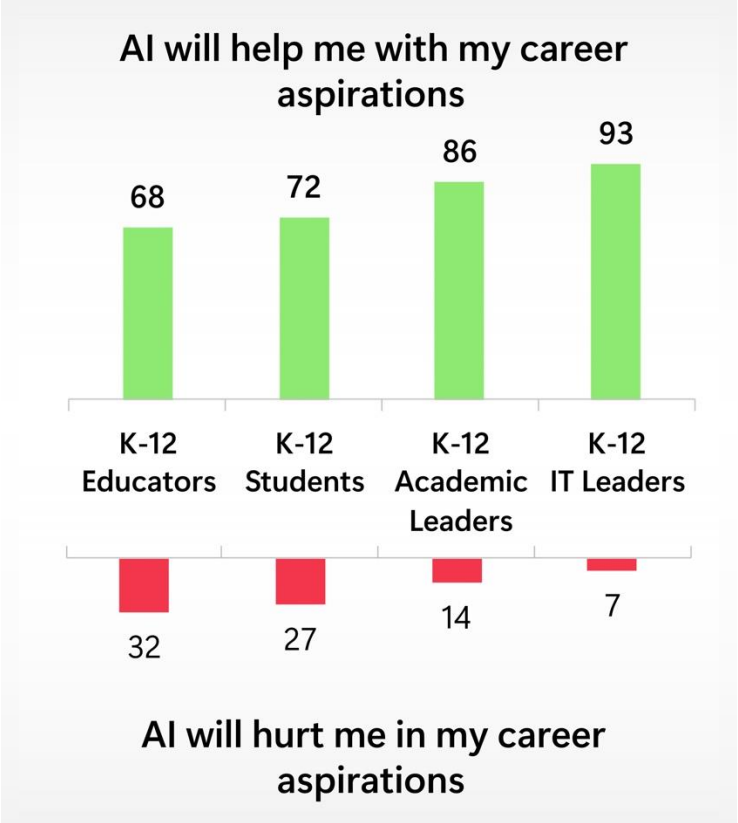
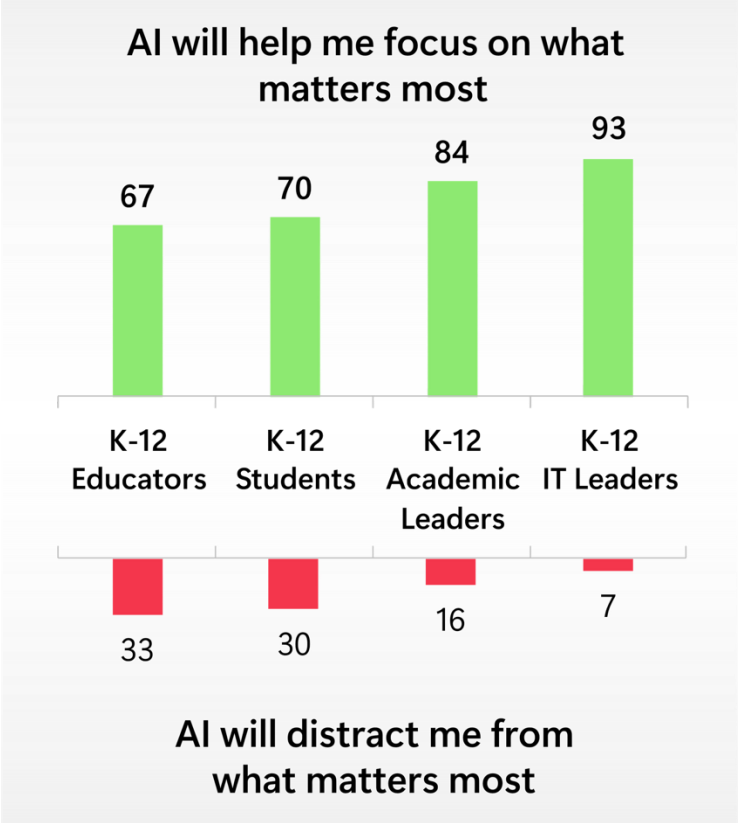
AI Role, Literacy, & Training in U.S. K-12

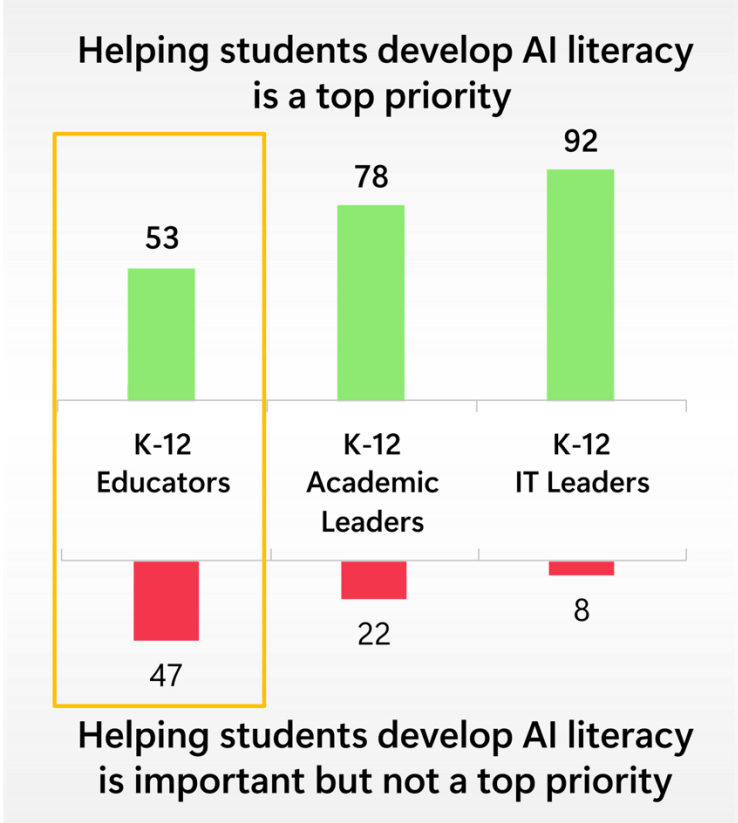
All audiences believe AI will support career aspirations and help them focus, but Educators are split on whether AI literacy should be considered a top priority

Perceptions of AI's Role

Showing % selected for Top 2 Box and Bottom 2 Box







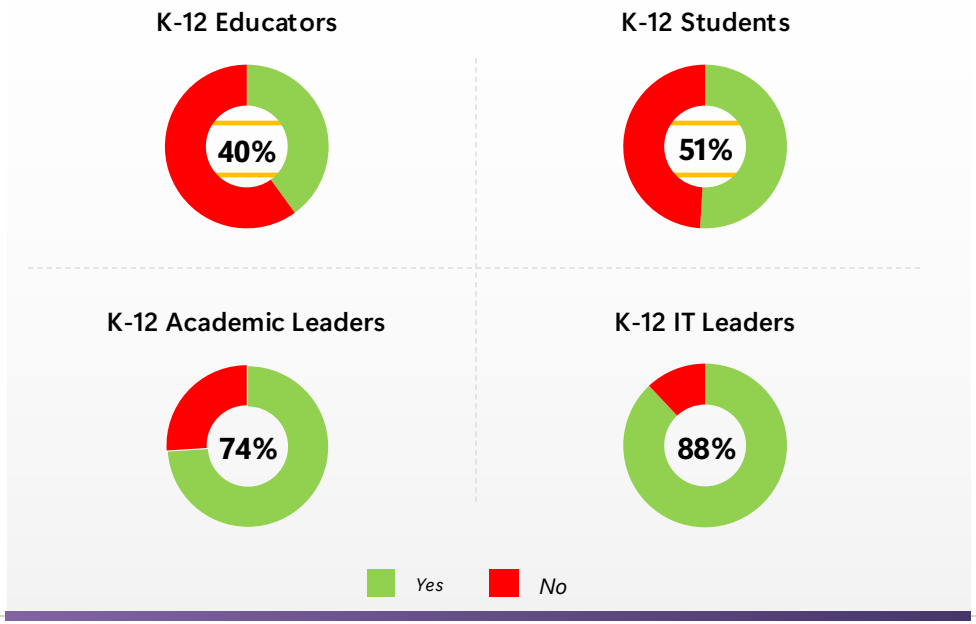
Δ Indicates point change from late 2023, - Indicates new answer choice

Educators and Students report much lower rates of AI-integrated curriculum than Leaders; and are much less likely to view AI literacy as essential

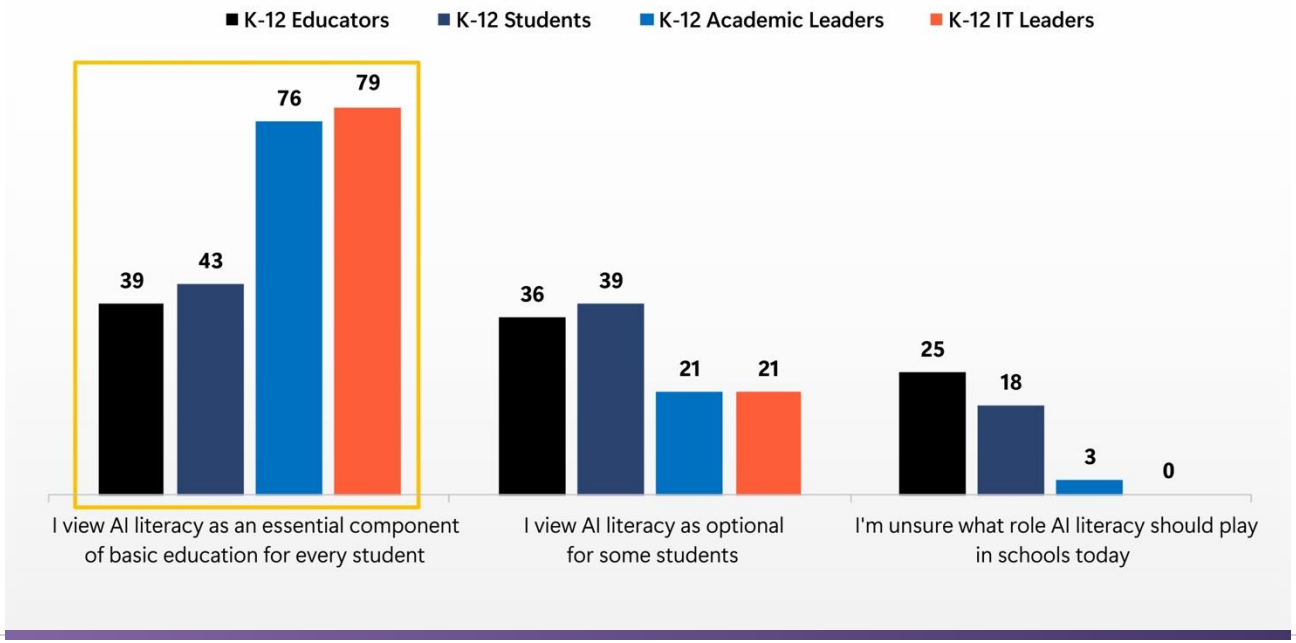
AI in Curriculum

Showing % selected; Ranked by U.S. K-12 Educators

Is AI currently integrated into your school's/ district's curriculum?



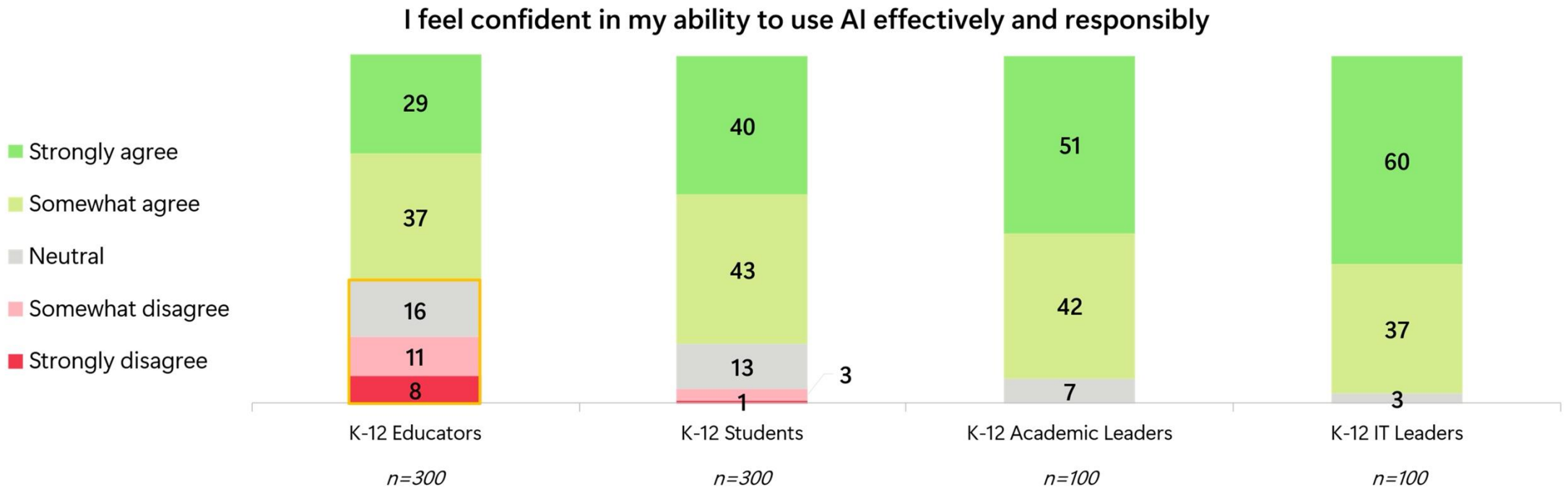
How important do you think AI literacy is in the curriculum at your school/district to prepare you/students for the future?



Educators are the least confident in their ability to use AI effectively and responsibly, with 1 in 3 selecting neutral or disagree

Confidence Using AI Effectively & Responsibly

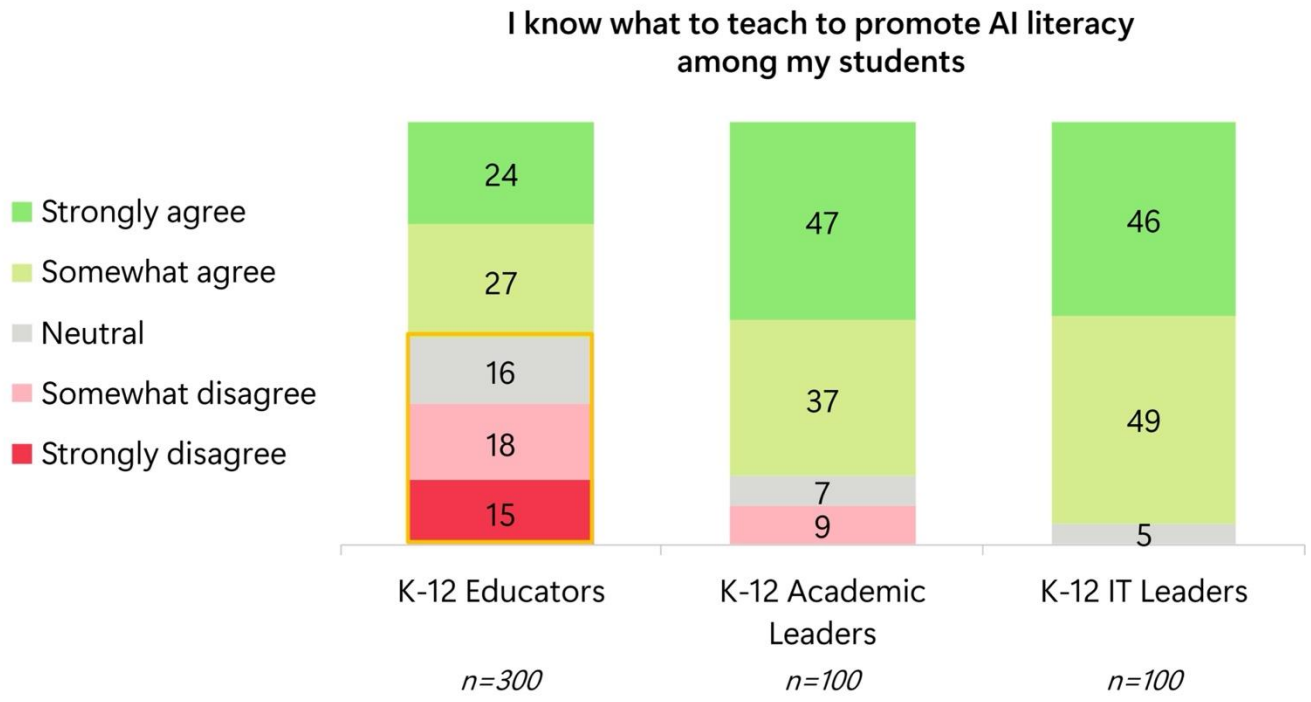
Showing % selected

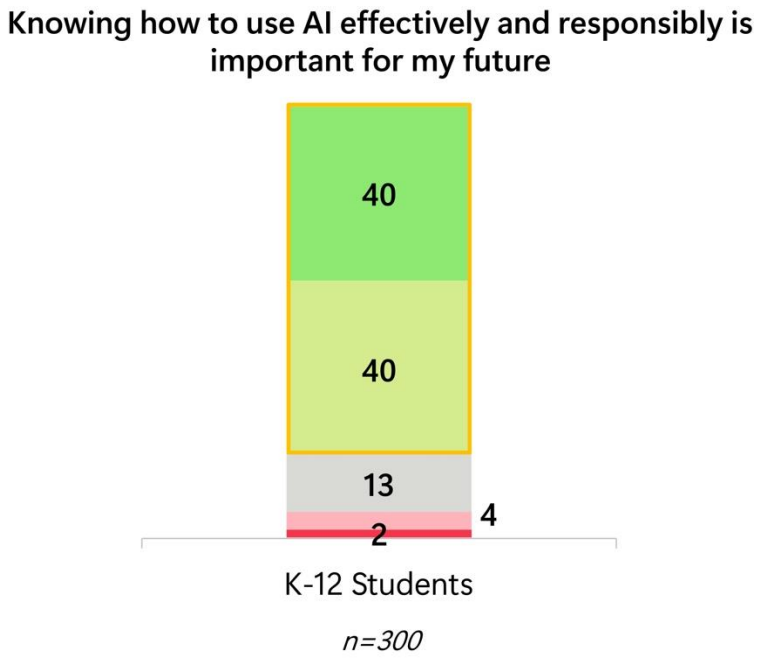


Educators are less confident than Leaders that they know what to teach to promote AI literacy; 80% of Students believe AI use is important for their future

AI Literacy Statement Agreement

Showing % selected

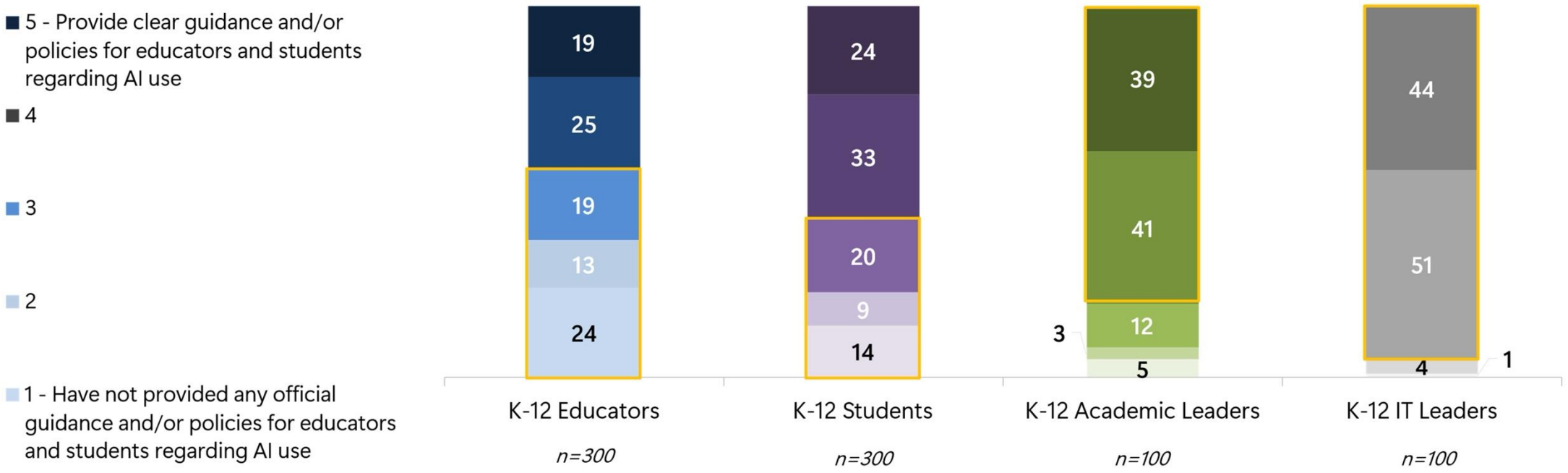




Most Leaders state their school/district has provided clear policies, yet over half of Educators and more than 40% of Students state a lack of guidance

How much guidance does your school/district provide educators and students on the use of AI tools for education?

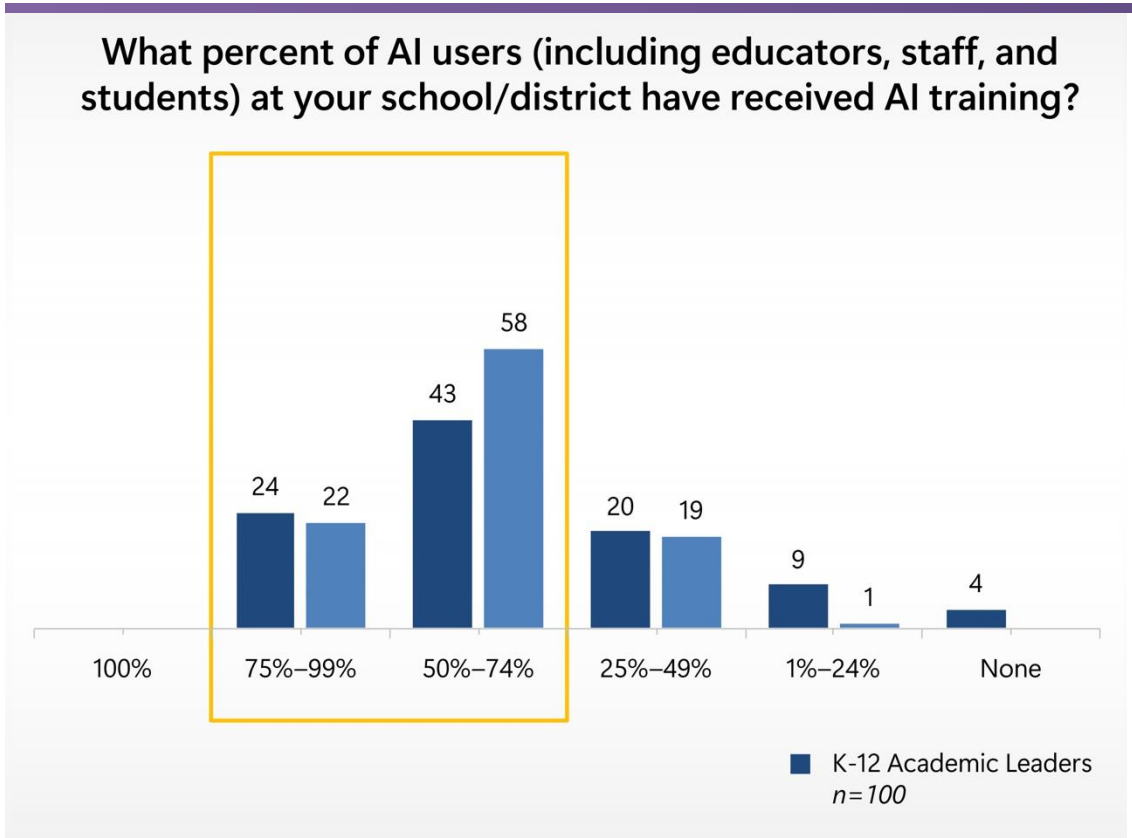
Showing % selected

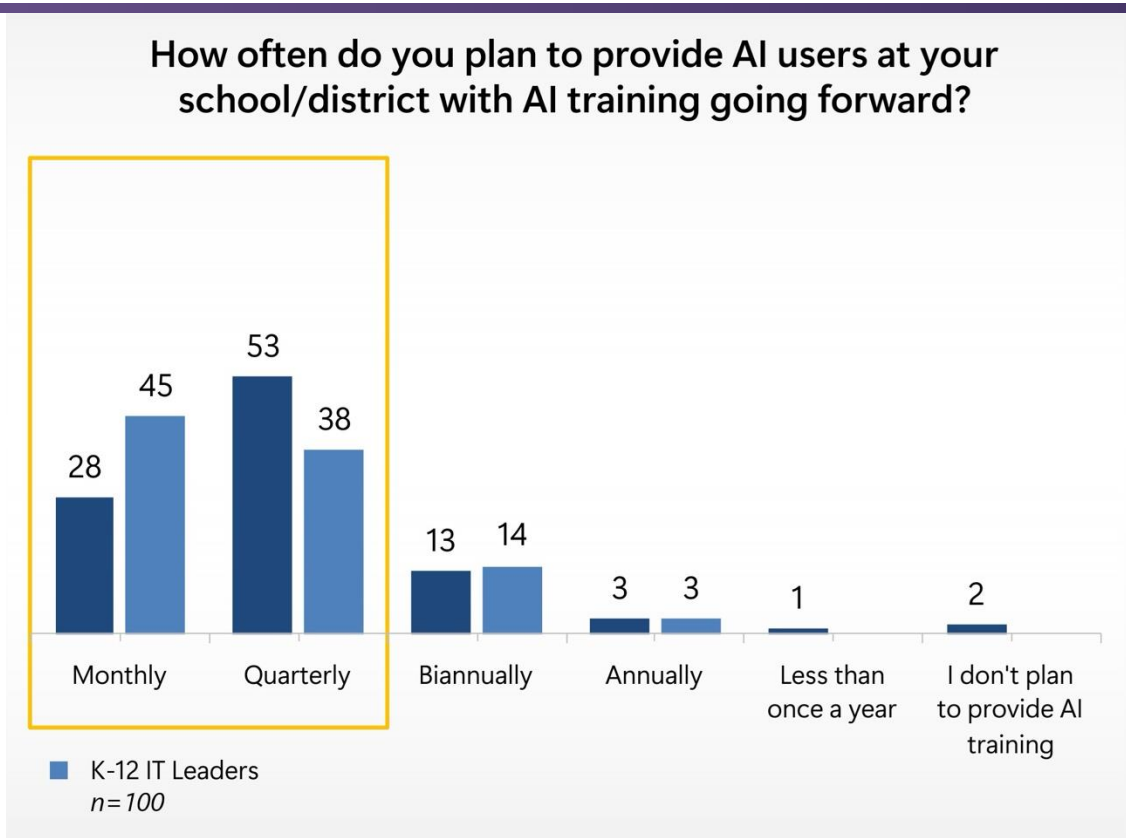


67% of Academic Leaders and 80% of IT Leaders report that at least half of their users have received AI training, and plan to offer training monthly or quarterly

AI Training – Leaders

Showing % selected



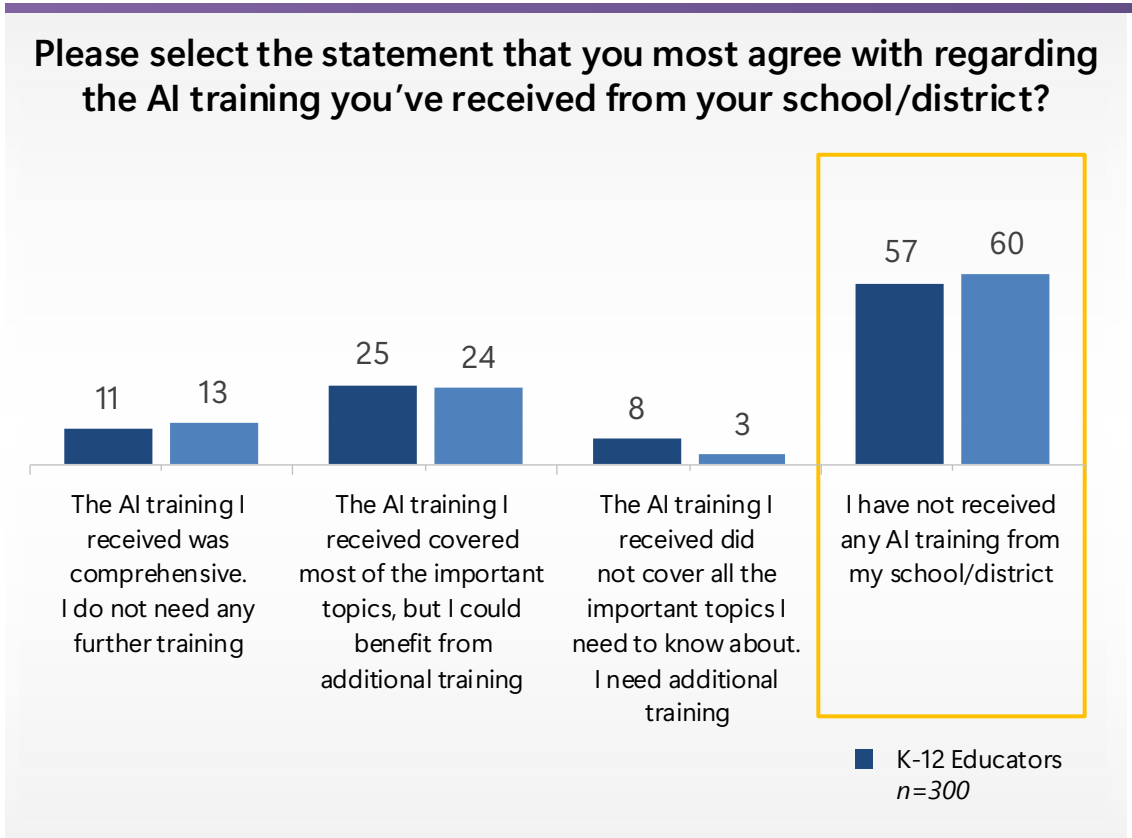


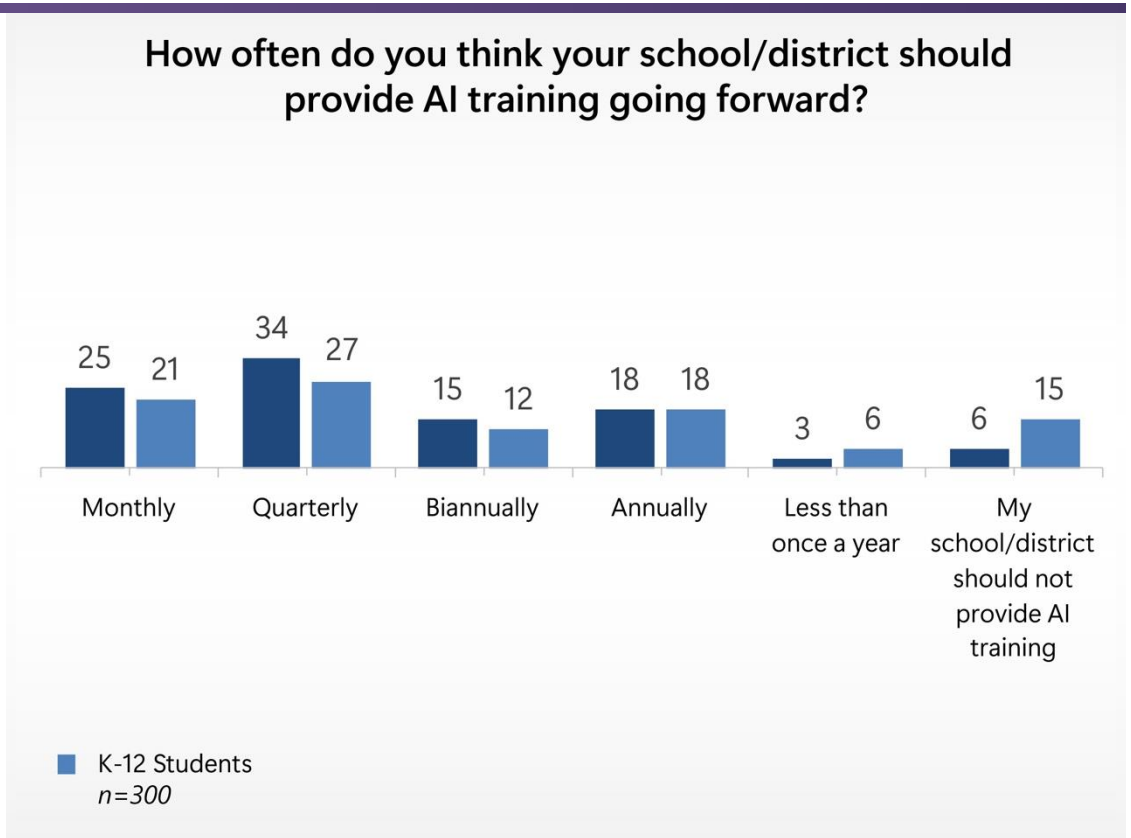
Δ Indicates point change from late 2023, - Indicates new answer choice

Around 6 in 10 Educators and Students report not having received any AI training, and most of those with training feel they could benefit from more

AI Training – Educators & Students

Showing % selected





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United States Higher Education

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AI Familiarity & Perceptions in U.S. Higher Ed

AI familiarity increased dramatically across all audiences and AI use jumped by 37 points among Students

Relationship With AI	Higher Ed Educators *n=150*	Higher Ed Students *n=301*	Higher Ed Academic Leaders *n=100*	Higher Ed IT Leaders *n=100*
AI Familiarity *'Know a lot about AI'*	66 Δ+21	41 Δ+19	68 Δ+16	84 Δ+27
AI Use in Role/For School-Related Purposes *Have used it at least once or twice*	95 Δ+9	95 Δ+37	100 Δ+12	99 Δ+5
Daily Use in Role or For School-Related Purposes	61 Δ+20	36 Δ+31	48 Δ-6	59 Δ+9

AI familiarity varies based on location, with urban areas more familiar:

Urban Educators and Leaders report AI familiarity **30 points** higher than their Suburban + Rural counterparts and daily use **26 points** higher

Δ Indicates point change from late 2023, - Indicates new answer choice

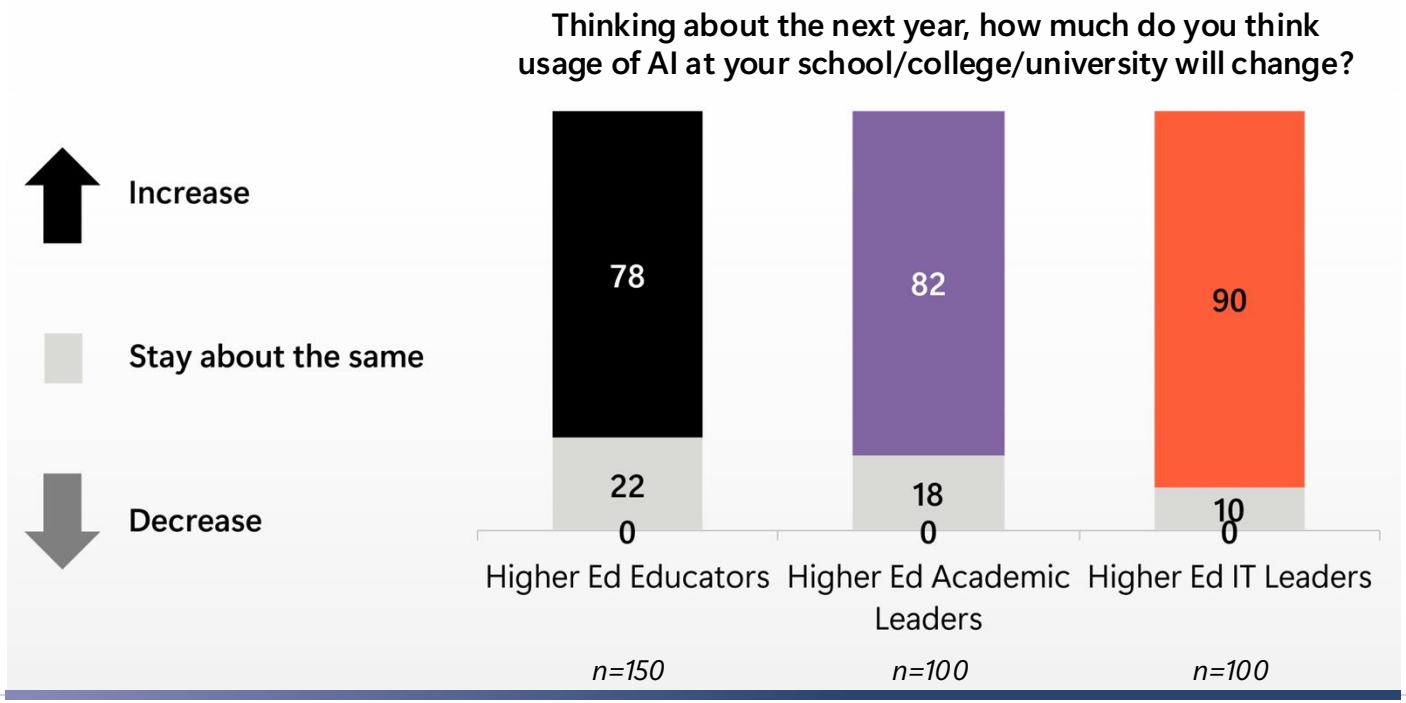
Urban Educators and Leaders report AI familiarity 30 points higher than their Suburban+Rural counterparts and daily use 26 points higher

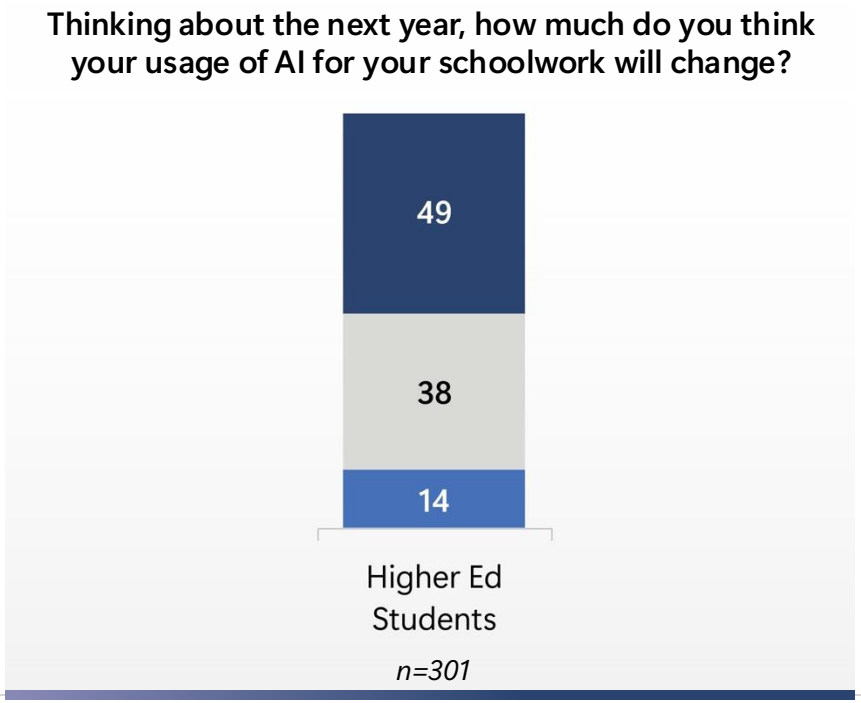
Relationship With AI	Higher Ed Urban Educators + Leaders *n=266*	Higher Ed Suburban + Rural Educators + Leaders *n=84*	Higher Ed Urban Students *n=202*	Higher Ed Suburban + Rural Students *n=99*
AI Familiarity *'Know a lot about AI'*	79	49	42	37
AI Use in Role/For School-Related Purposes *Have used it at least once or twice*	99	94	96	91
Daily Use in Role or For School-Related Purposes	63	37	39	28

Educators and Leaders expect AI use for school-related purposes to increase over the next year, while Students are split

Change in AI Usage

Showing % selected





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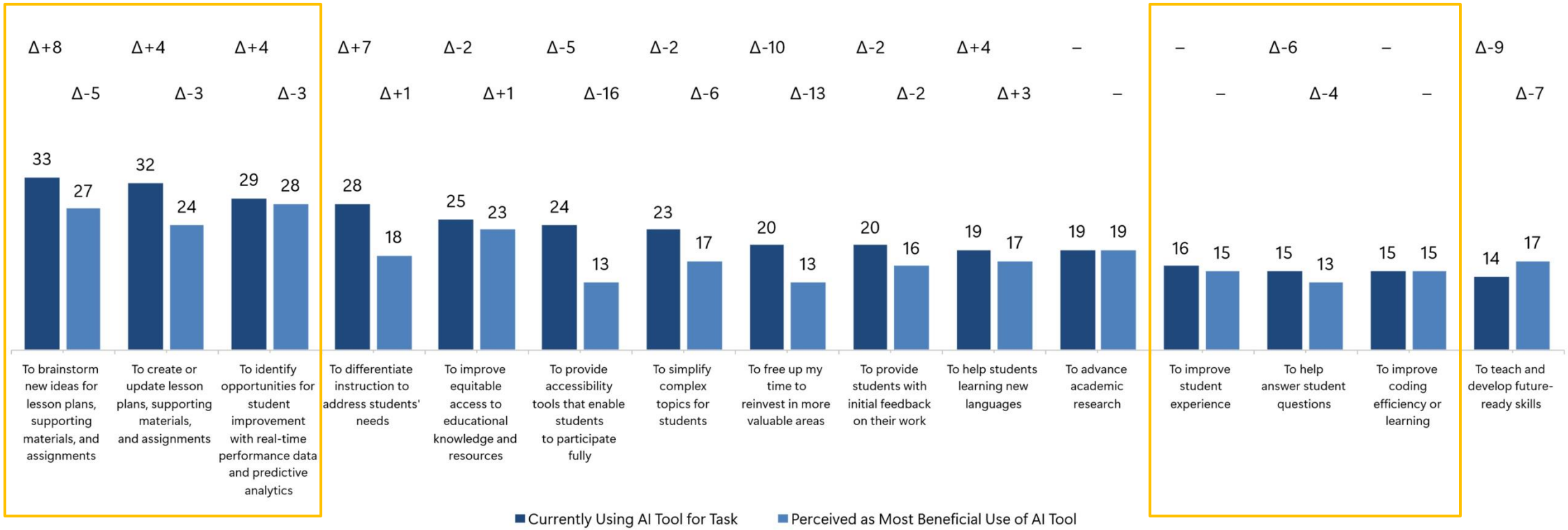
AI Use Cases, Benefits, & Concerns in U.S. Higher Ed

Higher Ed Educators are most often using AI to brainstorm, create and update materials, and identify opportunities for student improvement

AI Tool Use Cases For U.S. Higher Ed Educators

Showing % selected; Ranked by Currently Using, Higher Ed Educators n=150

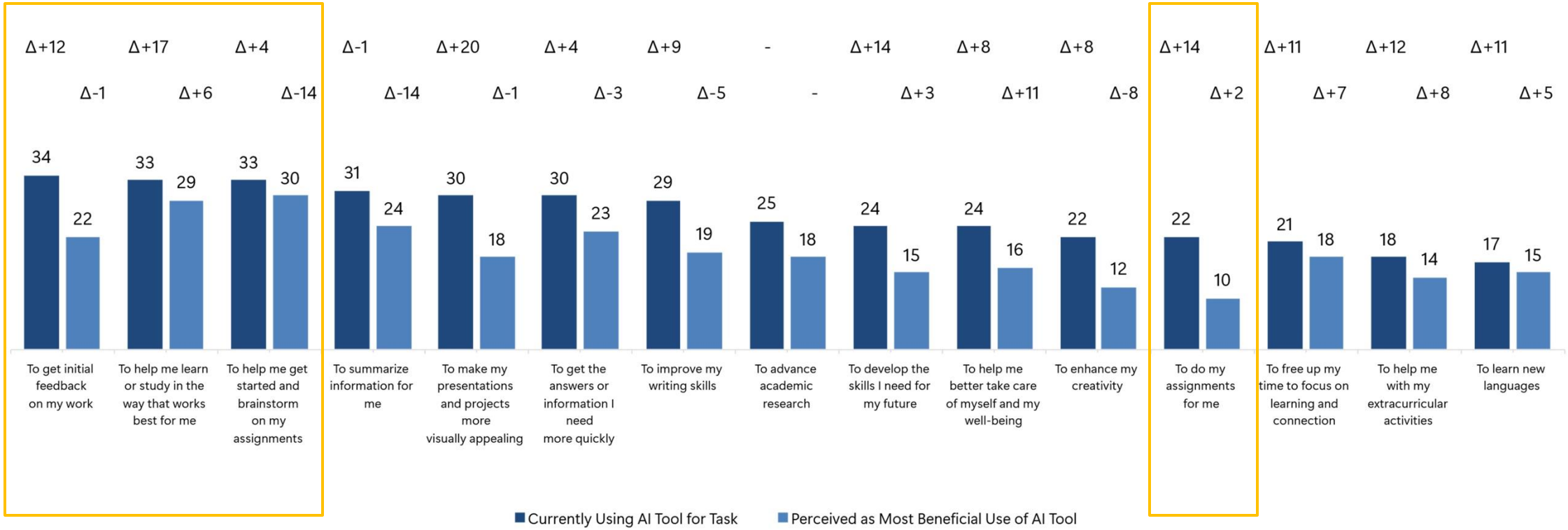


Δ Indicates point change from late 2023, - Indicates new answer choice

Students use AI to get initial feedback, learn or study in the way that works best for them, and get started or brainstorming on assignments

AI Tool Use Cases For U.S. Higher Ed Students

Showing % selected; Ranked by Currently Using, Higher Ed Students n=301

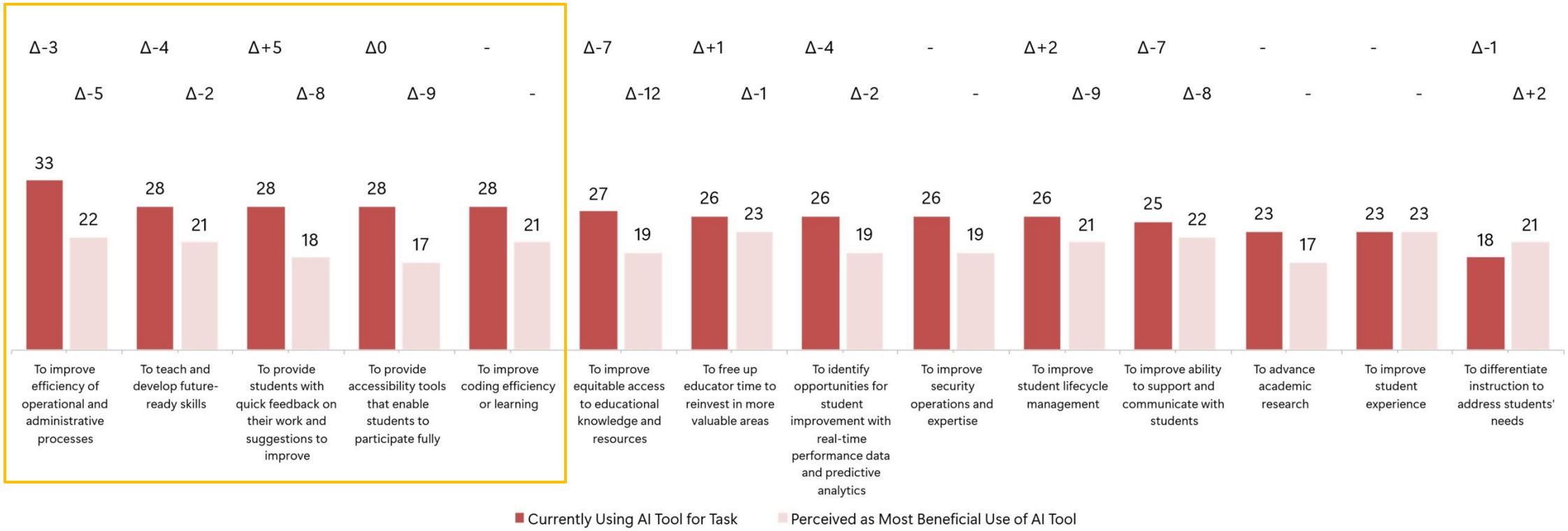


Δ Indicates point change from late 2023, - Indicates new answer choice

Academic Leaders use AI to improve processes, teach future-ready skills, provide quick feedback, help students participate, and improve coding abilities

AI Tool Use Cases For U.S. Higher Ed Academic Leaders

Showing % selected; Ranked by Currently Using, Higher Ed Academic Leaders n=100

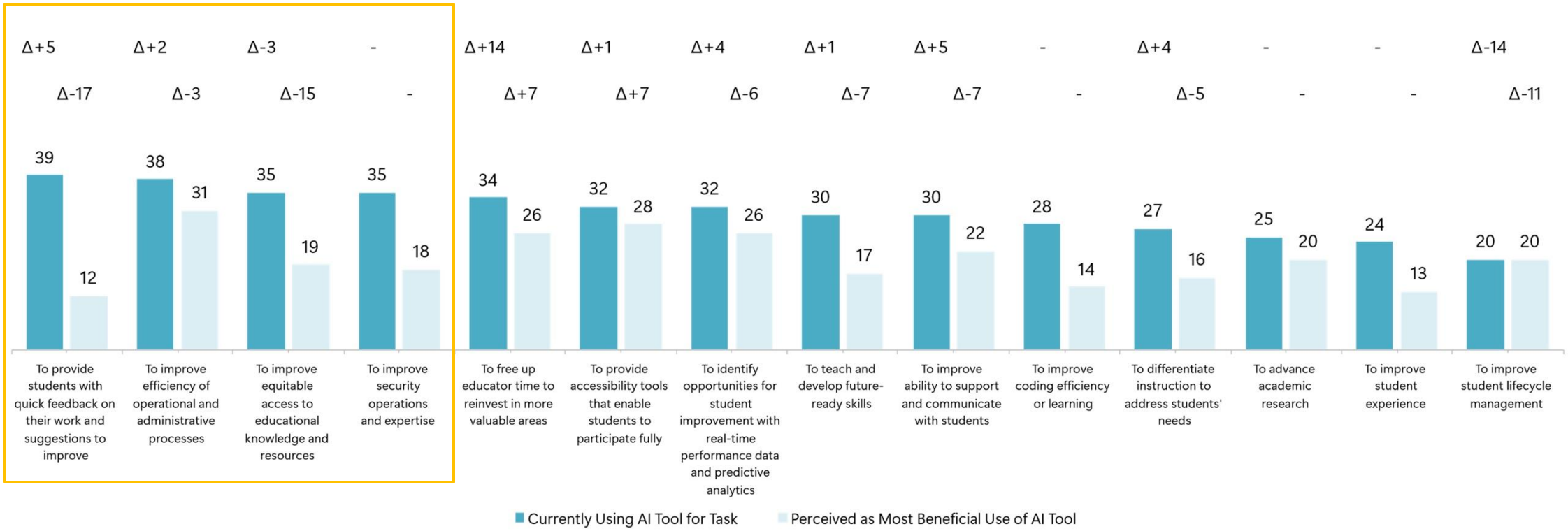


Δ Indicates point change from late 2023, - Indicates new answer choice

IT Leaders are using AI to provide students with quick feedback, improve operational processes, equitable access to resources, and security operations

AI Tool Use Cases For U.S. Higher Ed IT Leaders

Showing % selected; Ranked by Currently Using, Higher Ed IT Leaders n=100



Δ Indicates point change from late 2023, - Indicates new answer choice

Insufficient training, misinformation, privacy and security, creation of inappropriate content, and lack of IT resources are among top concerns

Top AI Concerns *Showing % selected for top 3 concerns; Ranked by U.S. Higher Ed Educators*	Higher Ed Educators *n=150*		Higher Ed Academic Leaders *n=100*		Higher Ed IT Leaders *n=100*	
Insufficient training for educators/administrators on understanding and effectively using AI	26	Δ+2	11	Δ-12	18	Δ-11
Increase in plagiarism and cheating	23	Δ-12	23	Δ-1	15	Δ-6
Potential for becoming overly dependent on AI tools	21	Δ-11	20	Δ+1	12	Δ-10
Inadequate guidance for students on appropriate AI tool usage	20	Δ+9	15	Δ+1	18	Δ-1
Misinformation leading to inaccurate use or interpretation of AI-generated content	20	Δ-1	25	Δ+4	26	Δ+17
Lack of clear policies and regulations to use AI in educational settings	19	Δ-7	15	Δ-1	16	Δ-7
Ethical concerns, such as impact on human autonomy and responsibility for AI-driven actions	19	Δ-2	15	Δ-3	18	Δ+1
Lack of IT resources and technical readiness/expertise to implement AI tools	19	Δ+1	19	Δ+2	26	Δ+10
Lack of evidence that AI tools can improve learning outcomes	17	Δ0	16	Δ-7	20	Δ+5
Privacy and security concerns related to student and staff data	16	Δ-6	25	Δ+11	13	Δ-9
Ensuring equitable access to AI tools for all students	15	Δ+3	11	Δ-10	23	Δ0
Usage of AI to generate inappropriate or harmful content	15	-	14	-	26	-
Job loss due to automation in education roles	13	Δ+3	22	Δ+7	10	Δ-3
Loss of the most meaningful and enjoyable parts of working in education	13	Δ-2	24	Δ+9	10	Δ+1
Potential to reinforce public bias and stereotypes	13	Δ+1	7	Δ-15	12	Δ-6
Impact on students' mental health and wellbeing	7	-	7	-	15	-
I am not concerned about AI usage at all	1	Δ-2	3	Δ+1	1	Δ0

Δ Indicates point change from late 2023, - Indicates new answer choice

=Top 3 concerns per audience

Accusations of academic dishonesty remains a top concern for Students, despite dropping 23 points, as well as potential for overreliance and misinformation

Top AI Concerns ***Showing % selected for top 3 concerns***	Higher Ed Students ***n=301***	
Potential to be accused of plagiarism or cheating	32	Δ-23
Potential for becoming overly dependent on AI tools	28	Δ-18
Misinformation leading to inaccurate use or interpretation of AI-generated content	27	Δ-5
Ethical concerns, such as impact on human autonomy and responsibility for AI-driven actions	26	Δ+2
Loss of the most meaningful and enjoyable parts of learning	26	-
Job loss due to automation in future career paths	23	Δ-7
Lack of guidance from my school on when I can or can't use AI	20	Δ+9
Usage of AI to generate inappropriate or harmful content	20	Δ+4
Privacy and security concerns related to my data	18	Δ-3
Impact to my mental health and well-being	18	Δ+13
Insufficient training on understanding and effectively using AI	15	Δ+3
Ensuring equitable access to AI tools for all students	14	Δ+10
Potential to reinforce public bias and stereotypes	13	Δ+3
I am not concerned about AI usage at all	2	Δ-3

Δ Indicates point change from late 2023, - Indicates new answer choice

=Top 3 concerns

Microsoft

AI Role, Literacy, & Training in U.S. Higher Ed

Higher Ed audiences believe AI will help with career aspirations and focusing on what matters most; Educators and Leaders view AI literacy as a top priority

Perceptions of AI's Role

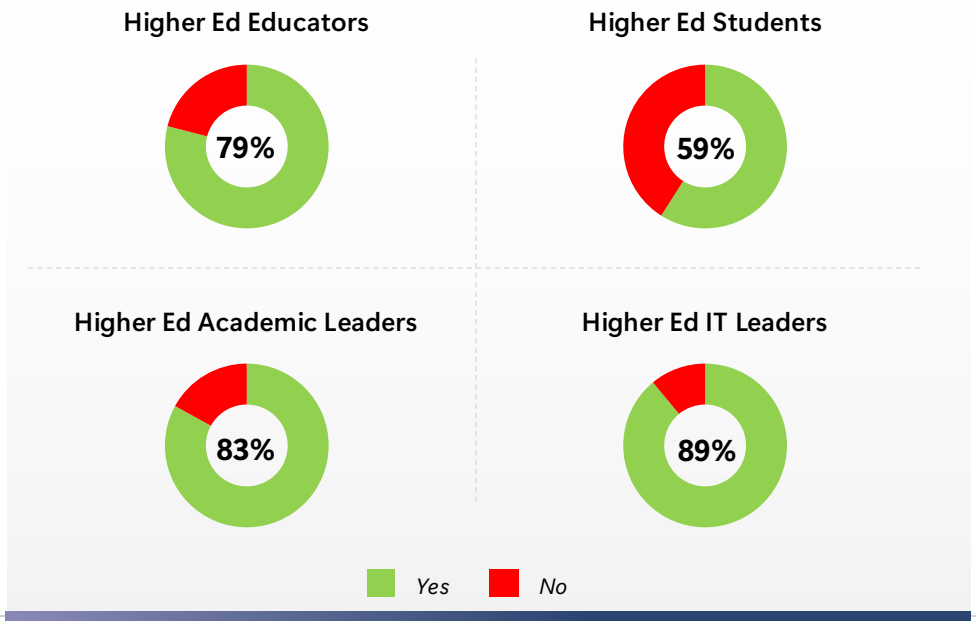
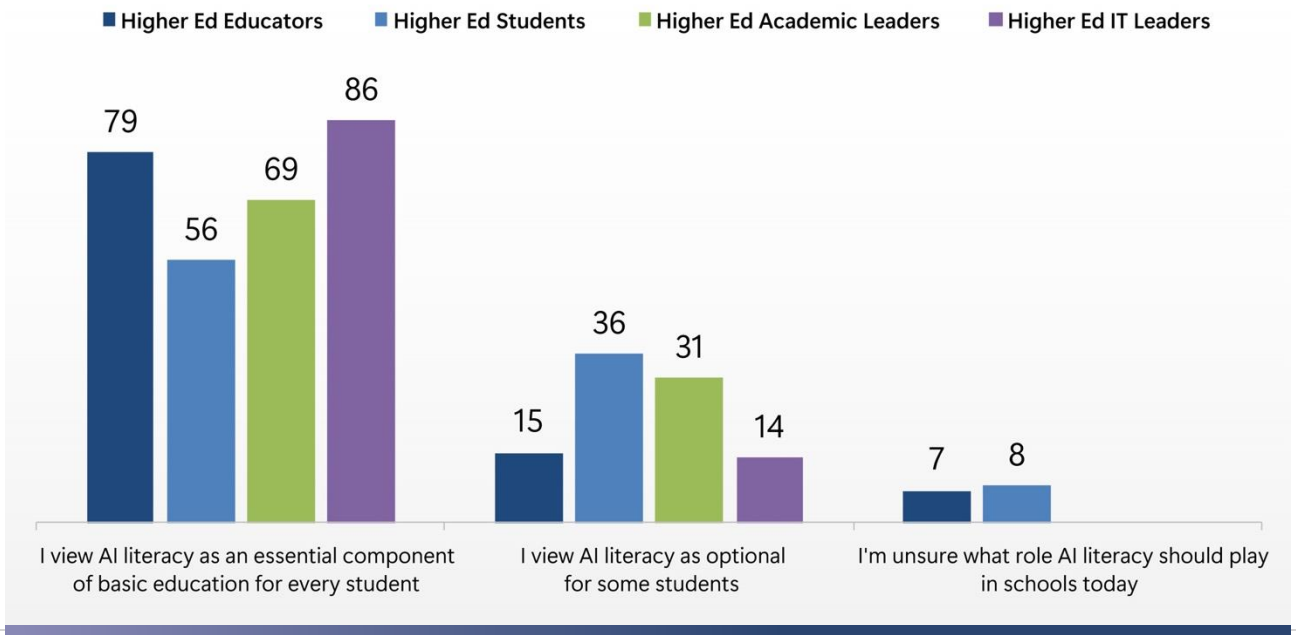
Showing % selected for Top 2 Box and Bottom 2 Box

Most Higher Ed audiences report AI integrated into their curriculum today; Most Educators and Leaders agree that AI literacy is essential for all Students

AI in Curriculum

Showing % selected; Ranked by U.S. Higher Ed Educators

Is AI currently integrated into your school's/college's/university's curriculum?



How important do you think AI literacy is in the curriculum at your school/college/university to prepare you/students for the future?