

# **One Year Later: ChatGPT and Education**

## **Copyleaks Research Finds That Plagiarism Among Students Continues As AI Use Increases from January 2023 to January 2024**

In March of 2023, four months after the industry-disrupting debut of ChatGPT, Copyleaks released a study to answer the question: How prevalent is AI-generated content in education? Compiling anonymized data from tens of thousands of college and high school students worldwide using Copyleaks from January and February 2023, we found that 11.21% of all assignments, from high school to college, contained some form of AI-generated content with a 95.30% increase in usage from January to February.

These findings, along with several high-profile plagiarism cases within higher education at the end of 2023 and the start of 2024, led us to ask:

**“What is the current trend of plagiarism rates within education more than a year after the release of generative AI? Has AI impacted or altogether removed the need for plagiarism among students?”**

Over a year after the release of ChatGPT, we decided it was time to determine the overall effect that generative AI has had on education, specifically the rates of AI among student assignments and how AI has impacted rates of plagiarism.

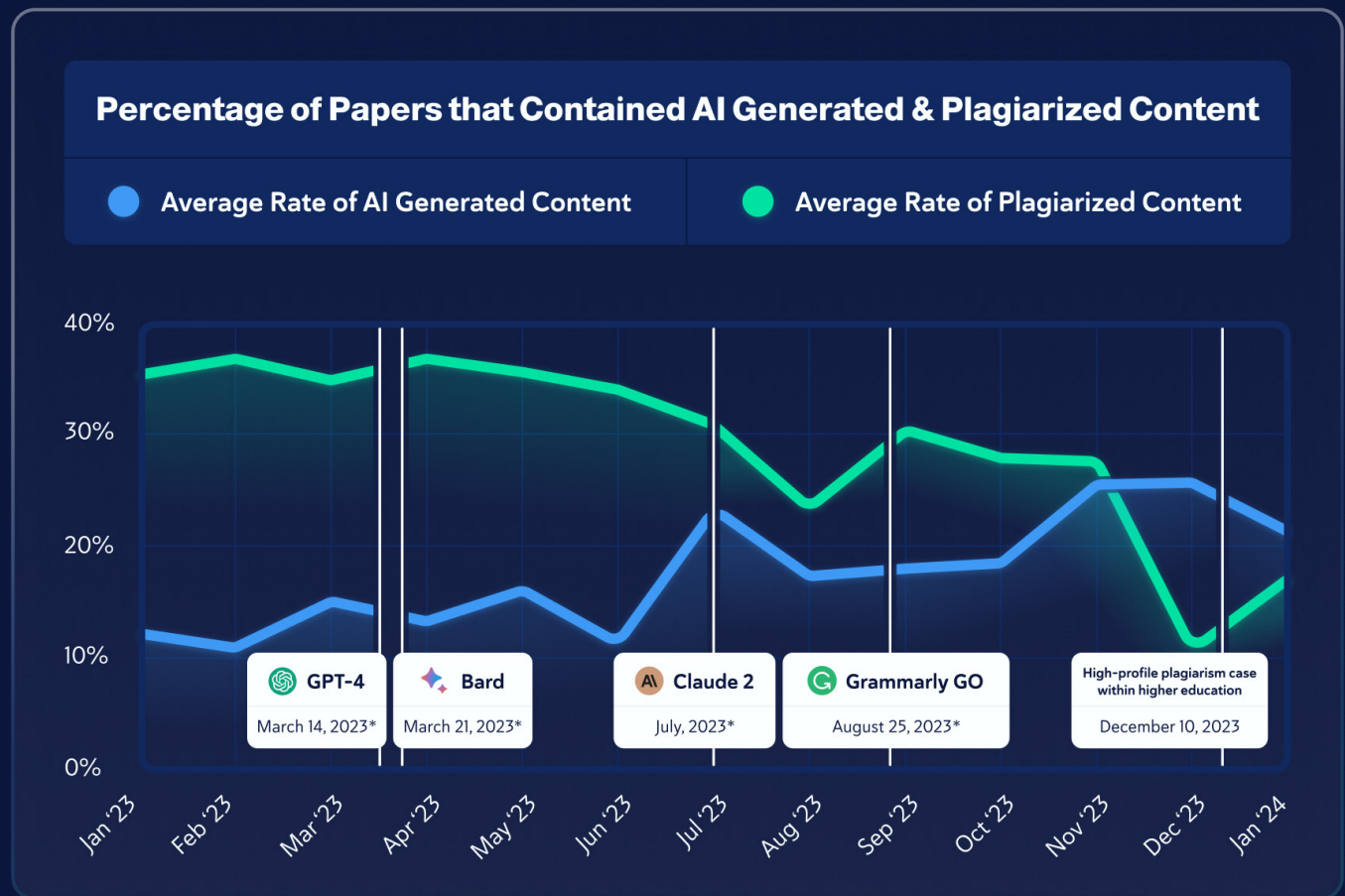
Here is what we found.

### **To Conduct This Analysis**

To study the trends of plagiarism and AI rates among students from January 2023 to January 2024, we compiled 13 months worth of anonymized data from tens of thousands of college and high school students from the same educational institutions as our prior study, all of which have been using the AI Content Detector and Plagiarism Detector since January 2023.

## Average Rate of AI and Plagiarism Over 13 Months

While generative AI might have had some impact on plagiarism rates among students, it certainly did not eliminate it. Over the 13 months, plagiarism rates did decrease as AI gradually increased, but it remained prevalent.



## January 2023 vs January 2024

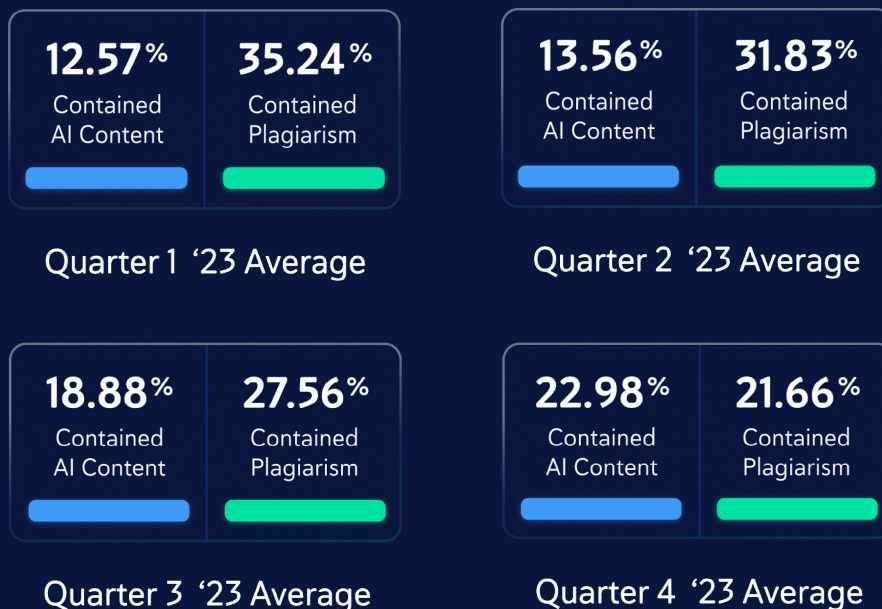
### Rate of AI

### Rate of Plagiarism



## Average Rate of AI and Plagiarism Quarterly Breakdown

When breaking the data down by quarters, we get a more focused look at the trends around the percentage of student papers and assignments containing AI content and plagiarism.

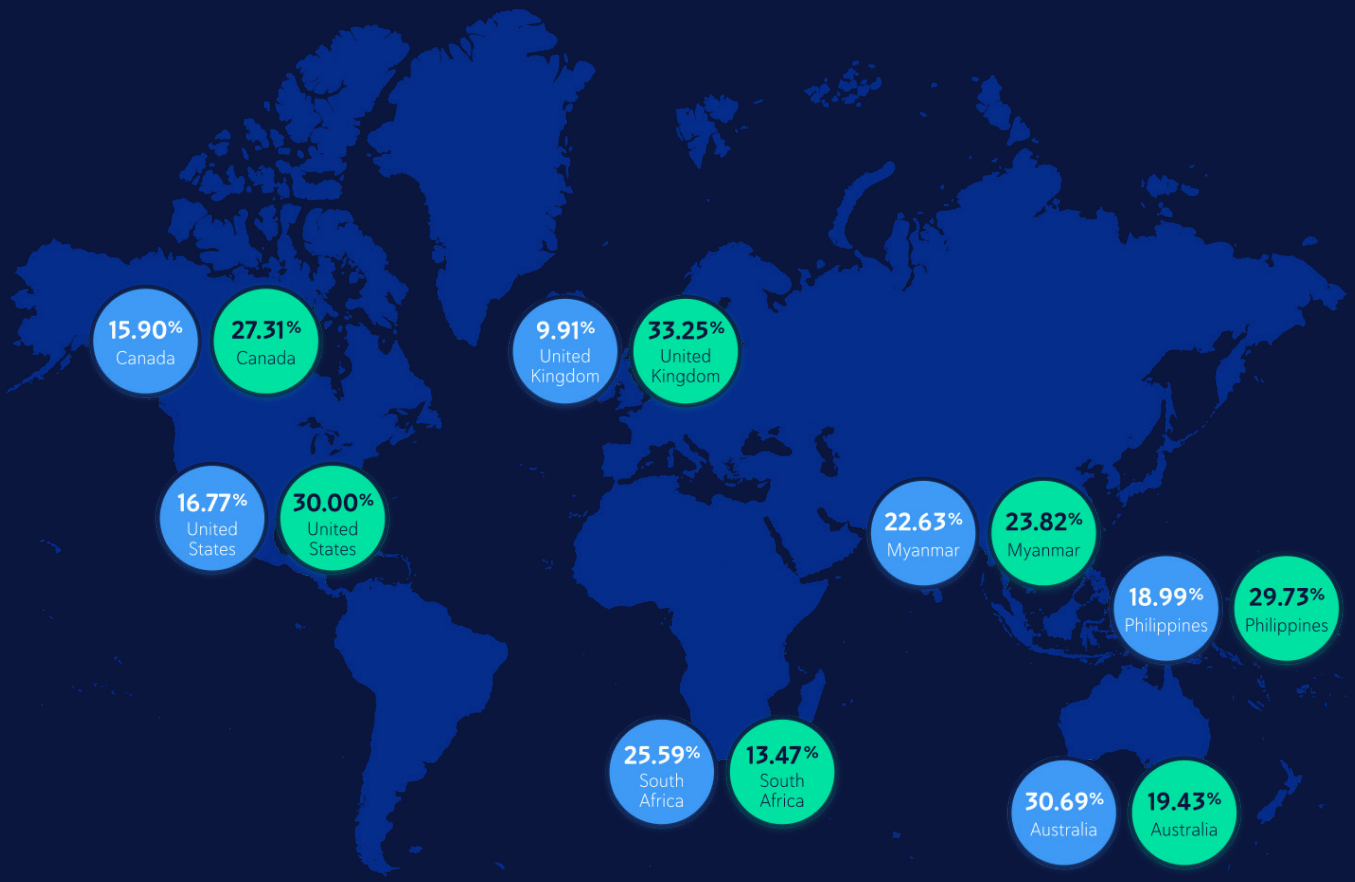


## Average Rate of AI and Plagiarism By Country

January 2023 - January 2024

Across the 13 months of data, considerable geographic differences exist among the percentage of student papers and assignments containing AI content and plagiarism.

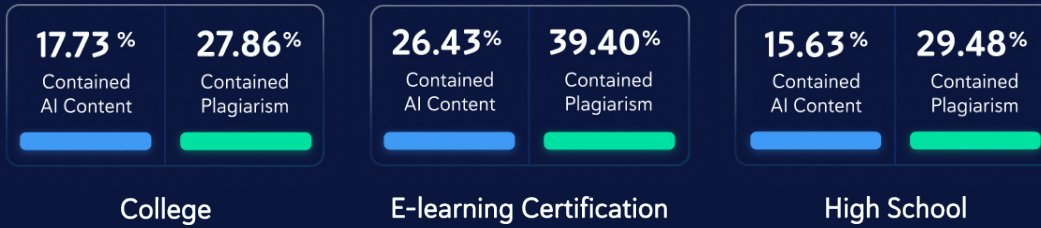
### Percentage of Papers that Contained AI Generated & Plagiarized Content



## Average Rate of AI and Plagiarism By School Type

January 2023 - January 2024

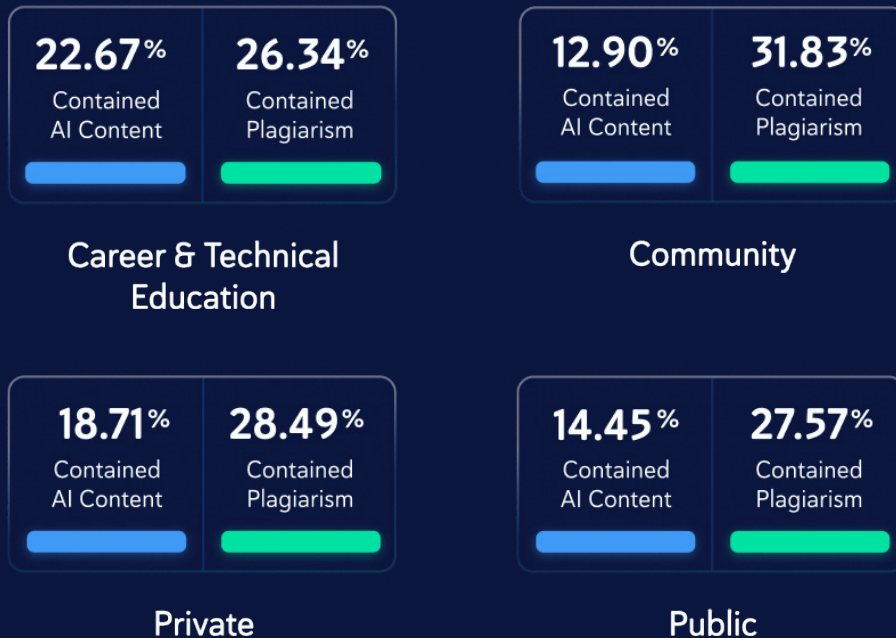
Similarly, there were considerable variances across different institution types regarding the percentage of student papers and assignments containing AI content and plagiarism.



## Average Rate of AI and Plagiarism By College Type

January 2023 - January 2024

Finally, there were also considerable variances across types of colleges in the percentage of student papers and assignments containing AI content and plagiarism.



## Key Takeaways

The data continues to underscore the need for organizations to adopt multi-prong solutions that detect both the presence of AI-generated content and potential plagiarism. In doing so, these solutions can provide transparency around potential plagiarism, including that from generative AI. As the data shows, AI and plagiarism began to coalesce somewhat in the latter half of the year, highlighting the importance of having insight into whether the content was human-written or AI-generated and where it originated from. That's why full-spectrum protection, including AI and plagiarism detection, helps uphold academic integrity while empowering authenticity and originality within all content.



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It's the Copyleaks way.**

[media@copyleaks.com](mailto:media@copyleaks.com)

• [copyleaks.com](https://copyleaks.com)