



INSTITUTE OF POLITICS UMBC Poll

Created by: Audrey Grutzik, Research Assistant

Date: November 12, 2025

Title: Gender Differences in Concerns About Artificial Intelligence

Source: UMBC Poll (n=803 Maryland adults, MOE=+/-3.5%)

Field dates: October 21 to October 25, 2025

Please visit politics.umbc.edu to see the full results and methodology statement.

Question: How do men and women in Maryland differ in the intensity of their concerns about artificial intelligence?

UMBC Poll data analyzed:

Only the respondents who indicated that they had heard or read at least “a little” about AI were administered these questions.

Q: GENDER What is your gender?

Q: AI_ISSUES Next, I’m going to read you some potential concerns about the use of AI. For each one, please tell how concerned—not at all, a little, somewhat, or very—you are about each one. . .

Q: AI_JOBS AI and related automation replacing human jobs.

Q: AI_EDUC The impact on education, critical thinking, and learning.

Q: AI_POLICE The use of AI facial recognition technology in law enforcement.

Q: AI_DATA The environmental impact of data centers that power AI systems.

Q: AI_REPLACE A decline in personal connections and face-to-face social interactions.

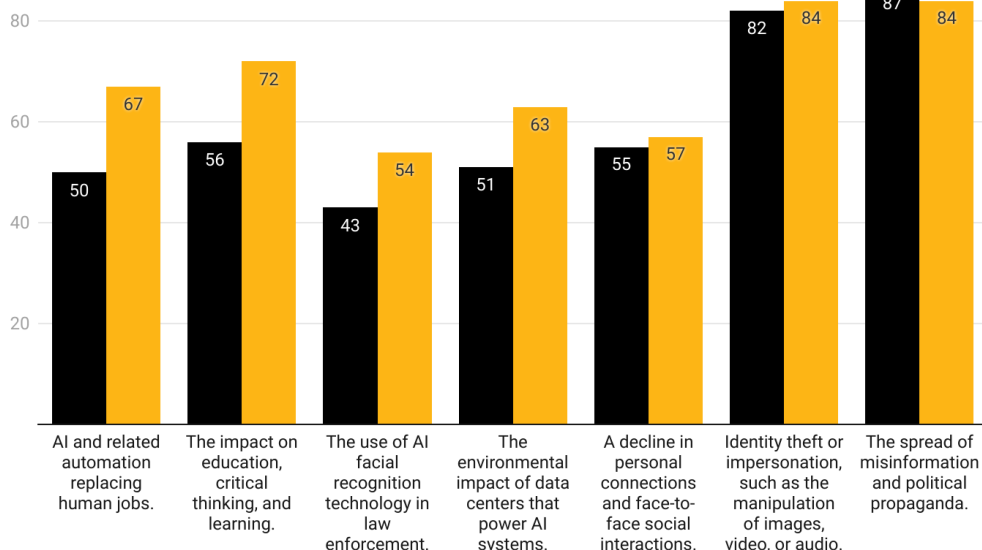
Q: AI_ID Identity theft or impersonation, such as the manipulation of images, video, or audio.

Q: AI_INFO The spread of misinformation and political propaganda.

Concerns about the Use of AI by Gender

Next, I'm going to read you some potential concerns about the use of AI. For each one, please tell how concerned—not at all, a little, somewhat, or very—you are about each one. . .

Bars represent the percentage of respondents who were **very** concerned.



Field dates: October 21 to 25, 2025

n=810, MOE=+/-3.4%

Chart: Audrey Grutzik • Source: UMBC Poll • Created with Datawrapper

[Click here](#) to download a high-resolution version of this chart. Permission is granted to share with appropriate attribution to the [UMBC Institute of Politics](#).

Description of results:

Women in Maryland express higher levels of concern than men about the use of artificial intelligence (AI) across nearly all issues measured. While both groups share some top concerns, the intensity of concern varies by topic.

Gender differences are most pronounced on issues related to jobs and education. Women are more likely than men to say they are “very” concerned about “AI and related automation replacing human jobs” (**67%** of women compared to **50%** of men, a **17-point** gap) and about “the impact on education, critical thinking, and learning” (**72%** compared to **56%**, a 16-point gap).

Smaller but still notable gaps appear for other issues, including the environmental impact of data centers (**63%** of women compared to **51%** of men) and the use of AI in law enforcement (**54%** compared to **43%**). Concern about a decline in personal connections is similar across genders (**57%** of women and **55%** of men).

The gender gap nearly disappears on the two issues that rank as the most concerning overall: identity theft or impersonation (**84%** of women and **82%** of men) and the spread of misinformation and political propaganda (**84%** of women and **87%** of men).