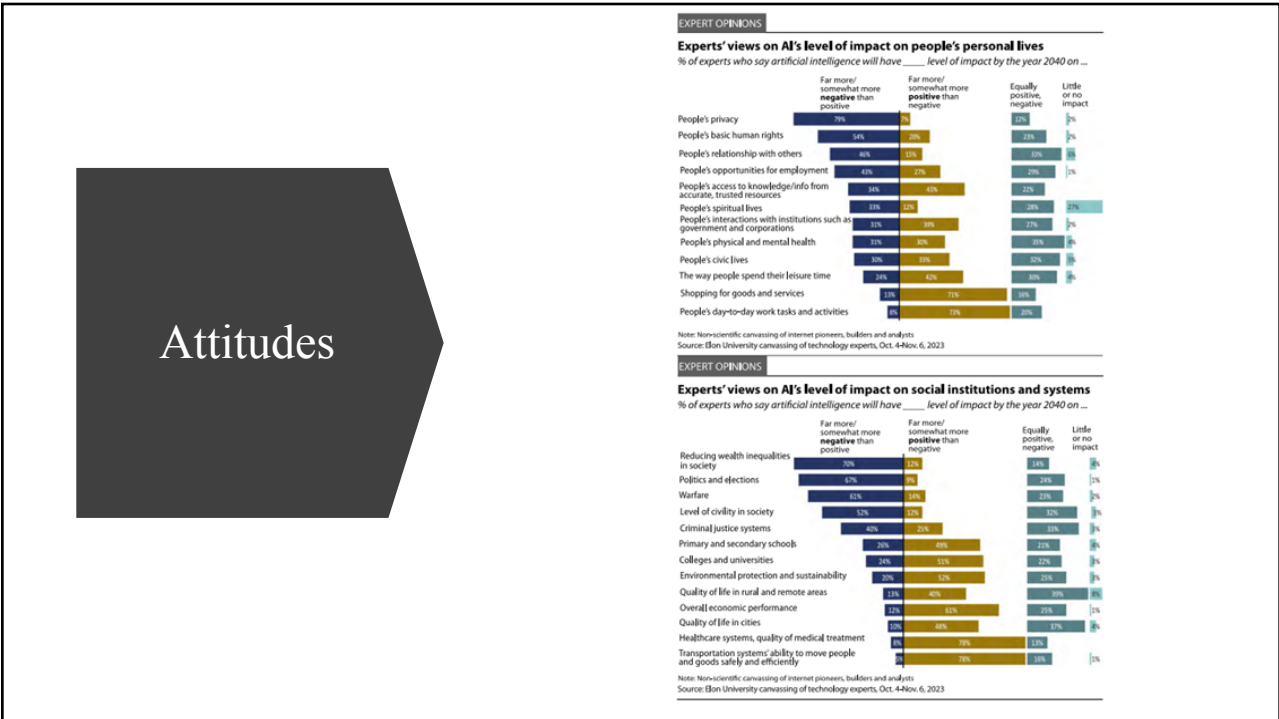


# Experts Imagine the Impact of Artificial Intelligence by 2040

By: Jacob Olinger, Jacob Steimle, and Christopher Kim

## Non-Scientific Survey

- Between Oct. 4 and Nov. 6, 2023
- By Elon University and Pew Research Center
- 238 Experts
- Opinions
- Anecdotes in responses to prompts written



# Opinions

Q. By the year 2040, what level of impact will AI have on each of the following? The impact will be ...

	Far more positive than negative	Somewhat more positive than negative	Equally positive, negative	Somewhat more negative than positive	Far more negative than positive	Little or no impact
People's basic human rights	7%	14%	23%	32%	22%	3%
People's privacy	3%	5%	12%	34%	45%	2%
People's opportunities for employment	9%	18%	29%	28%	15%	1%
People's day-to-day work tasks and activities	27%	45%	20%	3%	4%	*
People's physical and mental health	10%	20%	35%	20%	12%	4%
People's access to knowledge and information from accurate, trusted resources	20%	24%	22%	16%	18%	*
People's civic lives – that is, their opportunities to participate in the affairs of their community, nation, and the world	9%	23%	32%	18%	13%	5%
People's interactions with institutions such as government and corporations	9%	30%	27%	21%	10%	2%
People's personal relationships with others	4%	11%	33%	27%	20%	6%
People's spiritual lives	5%	7%	28%	15%	18%	27%
The ways people spend their leisure time	11%	31%	30%	14%	10%	4%
Shopping for goods and services	31%	41%	16%	7%	5%	*

# Implications

Q. Now, some more general questions about the possible impact of artificial intelligence (AI) on society and institutions. By the year 2040, what level of impact will AI have on each of the following? The impact will be ...

	Far more positive than negative	Somewhat more positive than negative	Equally positive, negative	Somewhat more negative than positive	Far more negative than positive	Little or no impact
Reducing wealth inequalities in society	3%	9%	14%	29%	41%	4%
Overall economic performance	22%	39%	25%	7%	5%	1%
Level of civility in society	4%	8%	32%	30%	22%	3%
Healthcare systems and the quality of medical treatment people receive	33%	45%	13%	11%	5%	*
Environmental protection and sustainability	14%	38%	25%	12%	8%	3%
Politics and elections	4%	5%	24%	25%	42%	1%
Criminal justice system	7%	18%	33%	25%	42%	3%
Warfare	5%	8%	23%	18%	43%	2%
Primary and secondary schools	11%	38%	21%	20%	7%	4%
Colleges and universities	14%	37%	22%	15%	10%	3%
Transportation systems' ability to move people and goods safely and efficiently	33%	44%	16%	2%	3%	1%
Quality of life in cities	12%	36%	37%	5%	5%	4%
Quality of life in rural and remote areas	12%	28%	39%	7%	6%	8%

Q. How likely is it that there will be a scientific consensus by 2040 that AGI has been achieved?

Very likely	19%
Somewhat likely	26%
Somewhat unlikely	24%
Very unlikely	25%
Don't know	6%

Q. On balance, do the advances you expect toward AGI by 2040 make you feel ...

More excited than concerned	16%
Equally excited and concerned	39%
More concerned than excited	37%
Neither excited nor concerned	7%

# Impact

- Compared to the Invention of the combustion engine
- Hard to predict

## Society

- Communication implications
- Disparity
- Increase in positive opinion for transportation/quality of life
- Decrease in positive opinion for politics/societal inequality

## Individual

- Removal of personal interaction
- Job loss
- Service enhancements

## Ethical

- Exacerbates inequality
- Removal of personnel

Questions?