

AI: What's at Stake

Taylor Barkley November 12, 2025

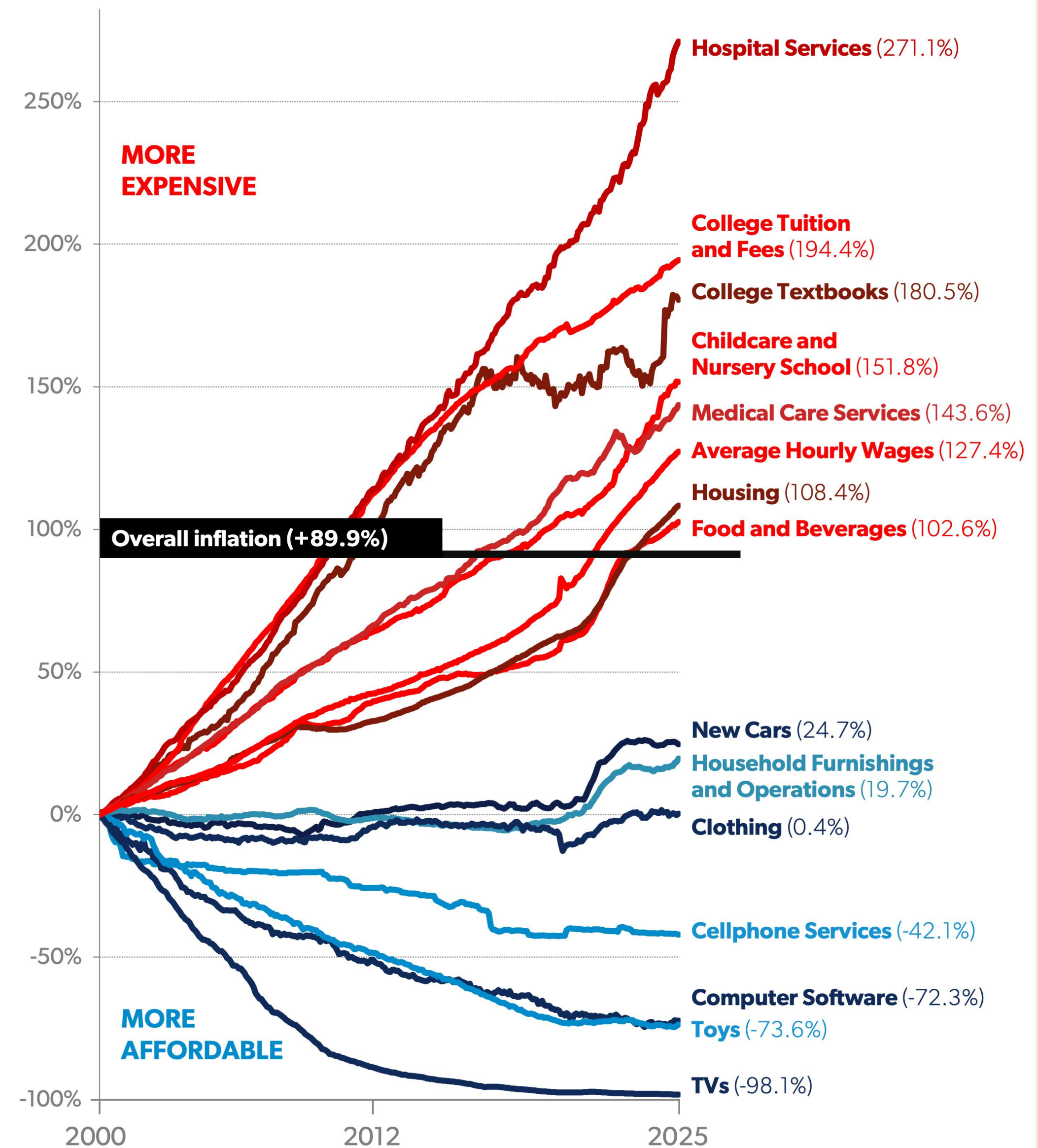
Choices
matter



Primary mission of tech policy: "Put everything on the TV price curve"

Price changes (Jan. 2000–June 2025)

Selected US Consumer Goods and Services, and Wages



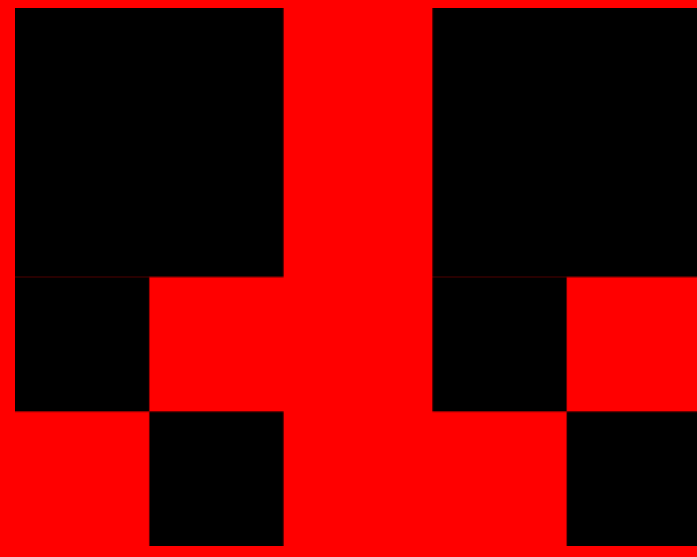
Source: Bureau of Labor Statistics

Mark J. Perry



WHERE ARE WE





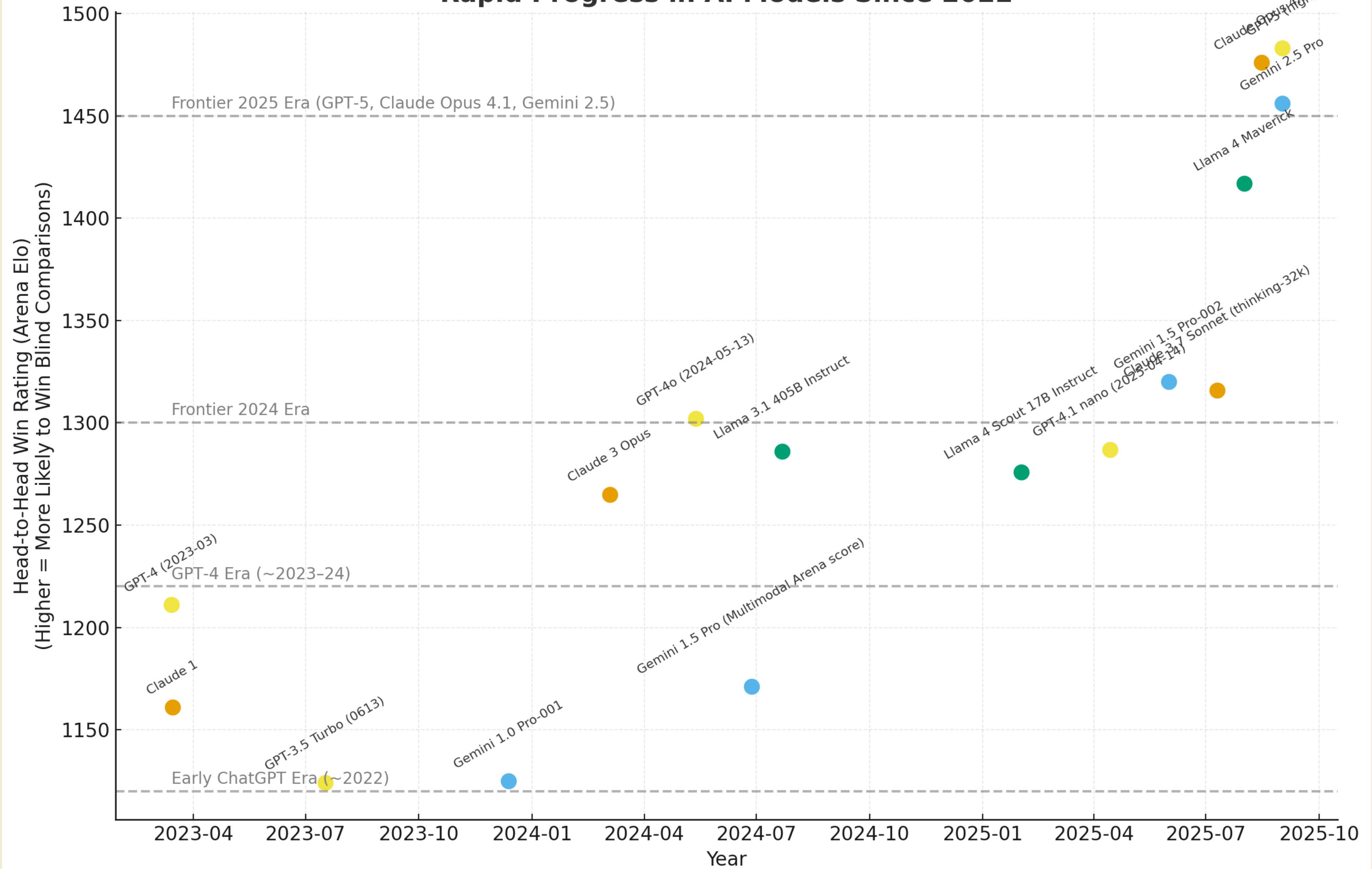
Remember, today's AI is the worst
AI you will ever use."

Ethan Mollick

Professor at The Wharton School



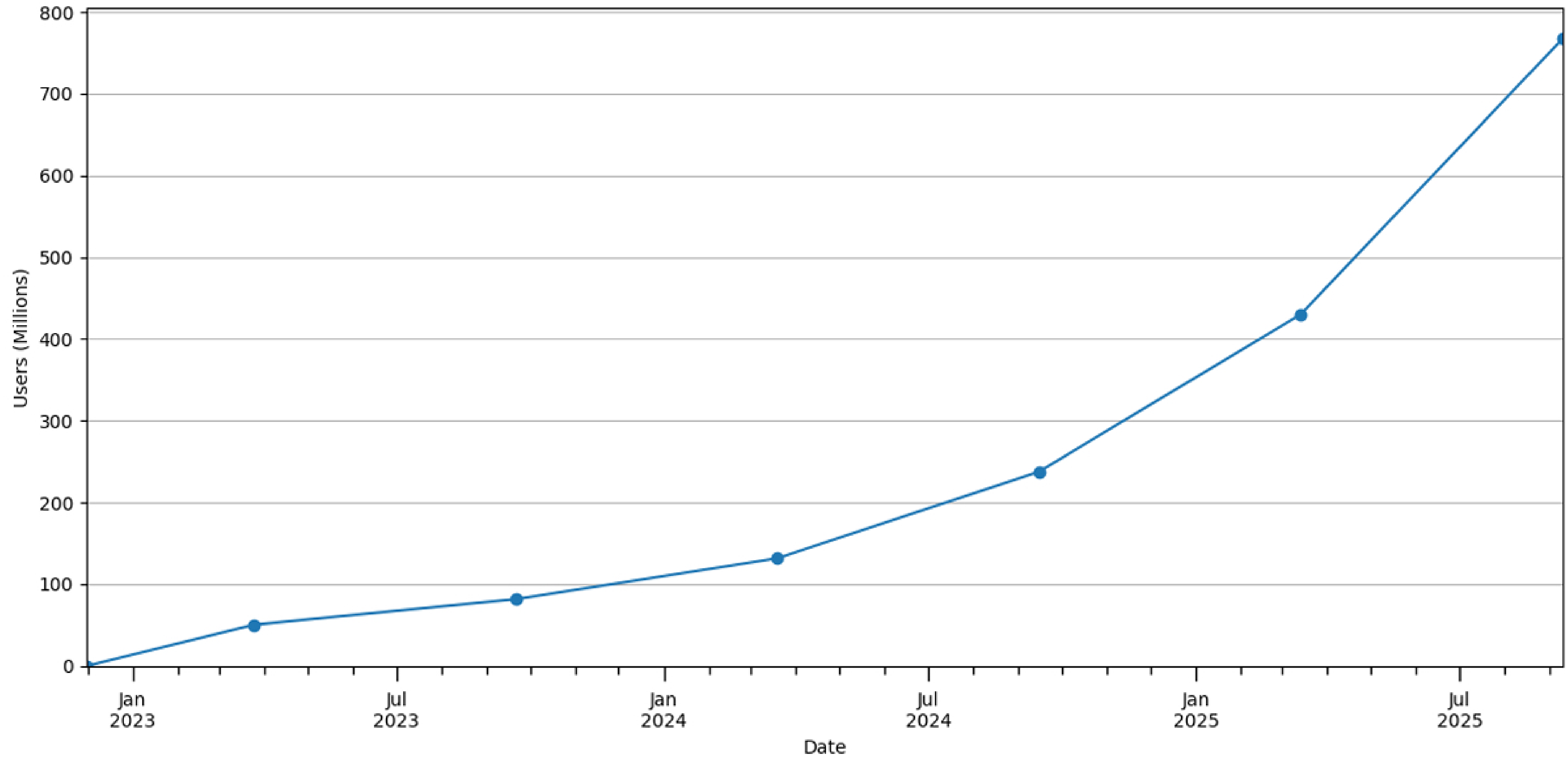
Rapid Progress in AI Models Since 2022



In just three years, AI models improved by multiple generations — from early ChatGPT (~1100) to GPT-5 and peers (~1450-1480).



User Growth



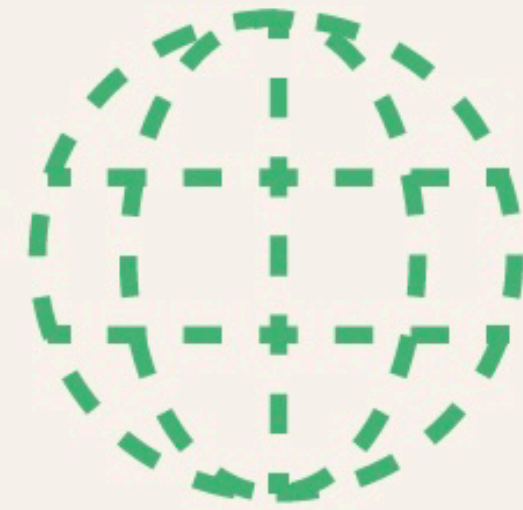
Benefits?



Economic ...on track

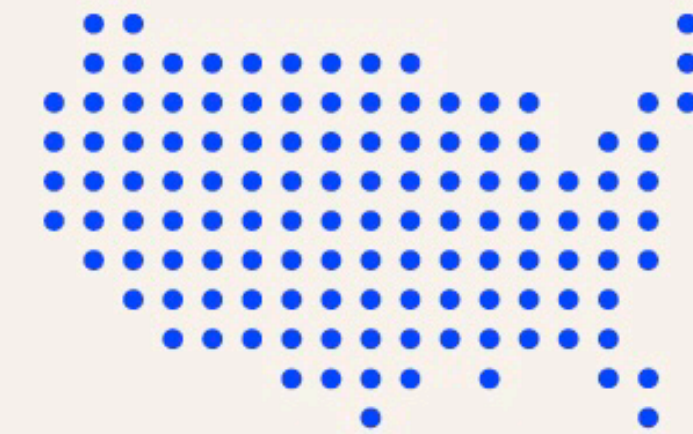
THE FUTURE IS **BRIGHT**

Goldman Sachs (2023)* predicts AI will drive a **7% increase** in global GDP over the next 10-year period. *That means 10 years from now AI will help bring...*



**A \$7T INCREASE IN
THE GLOBAL ECONOMY**

**1.5% INCREASE/YEAR
IN US PRODUCTIVITY**

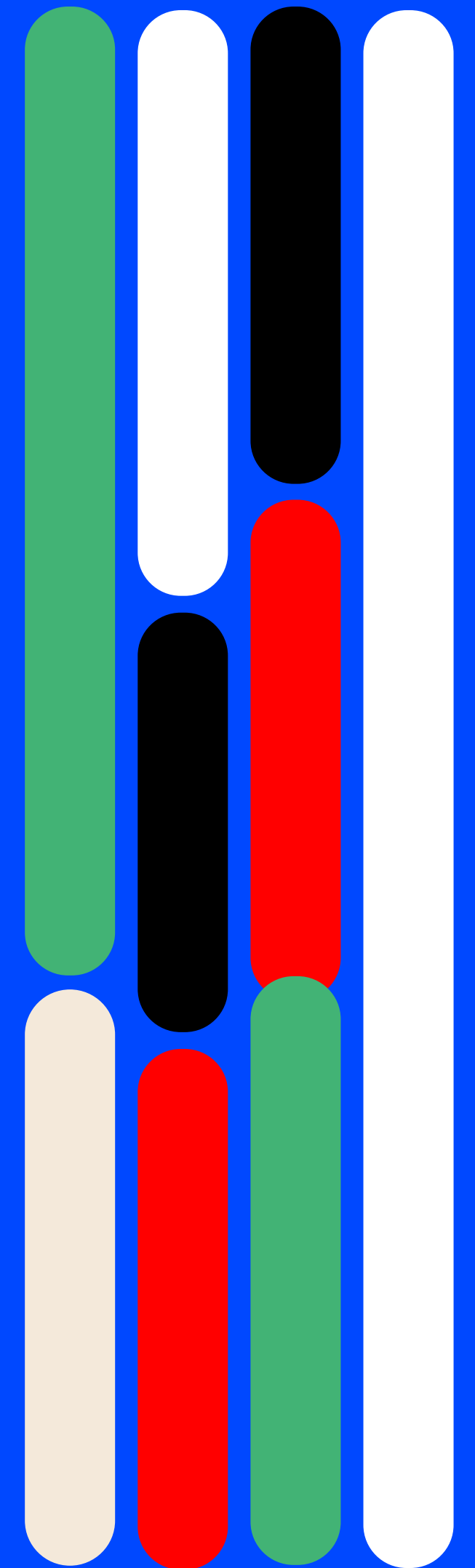


**\$5K-10K MORE IN
AMERICANS' POCKETS**

* <https://www.goldmansachs.com/intelligence/pages/generative-ai-could-raise-global-gdp-by-7-percent.html>.

Consumer Surplus

- At least \$97 billion in 2024 alone in the US.
- Average valuation to forgo these tools for one month is \$98 per person.
 - Source: Collis and Brynjolfsson (2025)

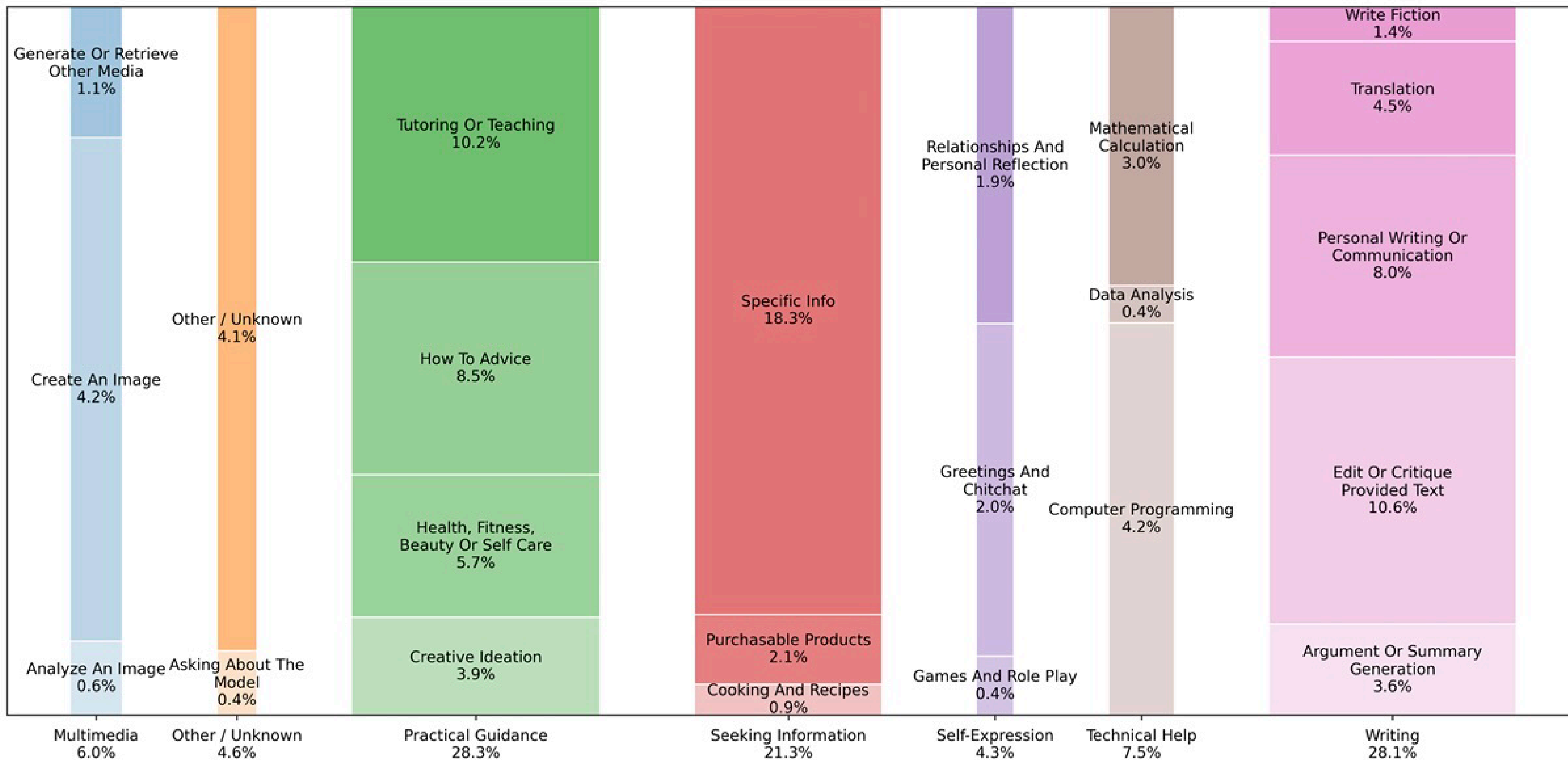


How people
use ChatGPT



Month	Non-Work (M)	(%)	Work (M)	(%)	Total Messages (M)
Jun 2024	238	53%	213	47%	451
Jun 2025	1,911	73%	716	27%	2,627





*AI Changing
the World*

 HEALTH

 TRANSPORTATION



Health

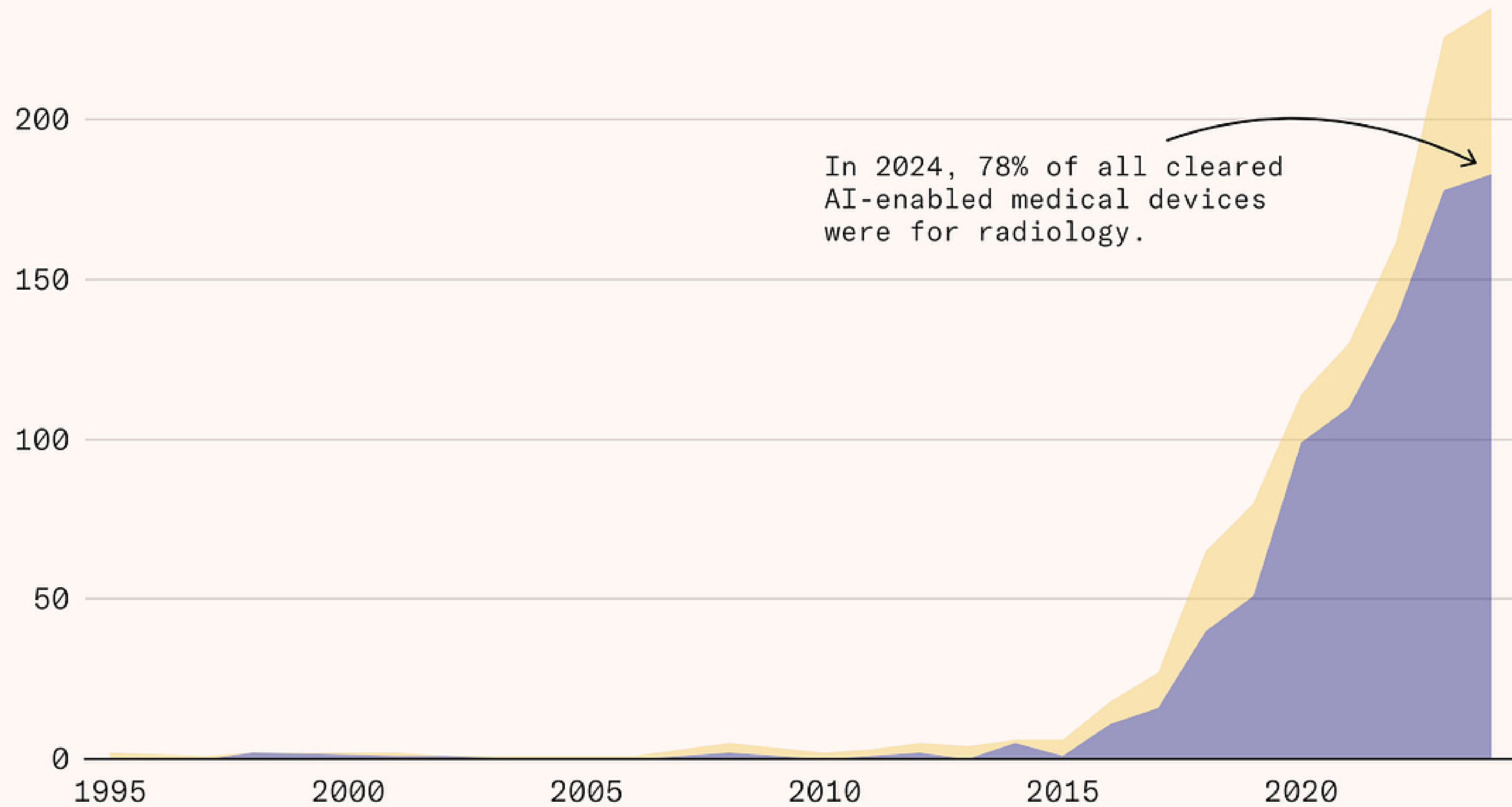
- AI [designs](#) antibiotics for superbugs.
- AI [stethoscope](#) can detect three heart conditions in 15 seconds.
- Microsoft's [new](#) AI diagnostic tool correctly identified complex diseases 4x more accurately than doctors at 20% lower cost.
- People with depression saw a 51% drop in symptoms with a [Dartmouth Therabot](#) treatment, reporting a major boost in mood and overall well-being.



Radiology accounts for the vast majority of AI medical devices

Annual number of AI-enabled medical devices cleared by the FDA

■ Radiology ■ All other devices

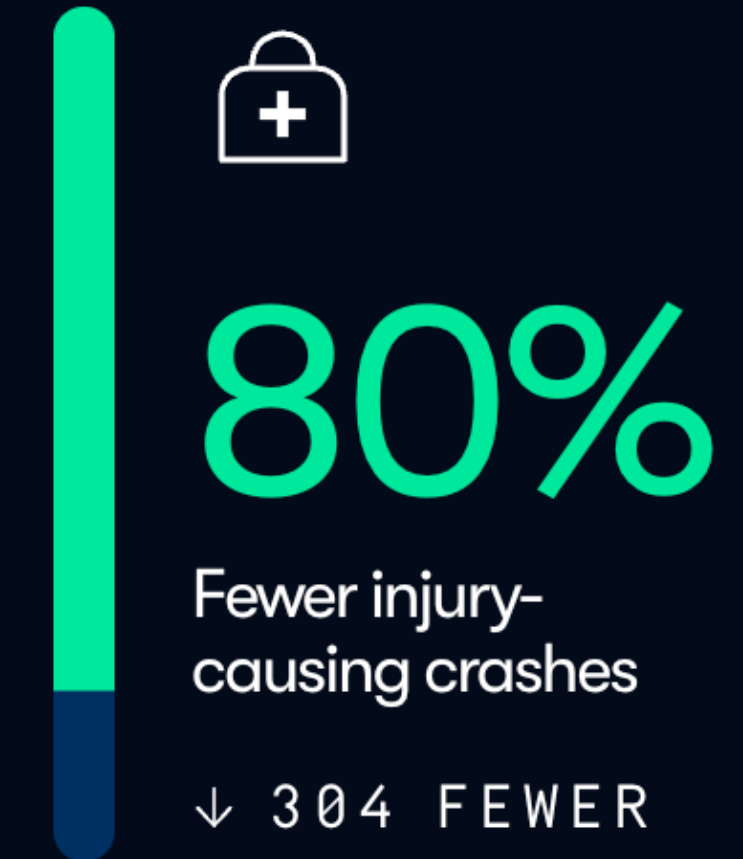
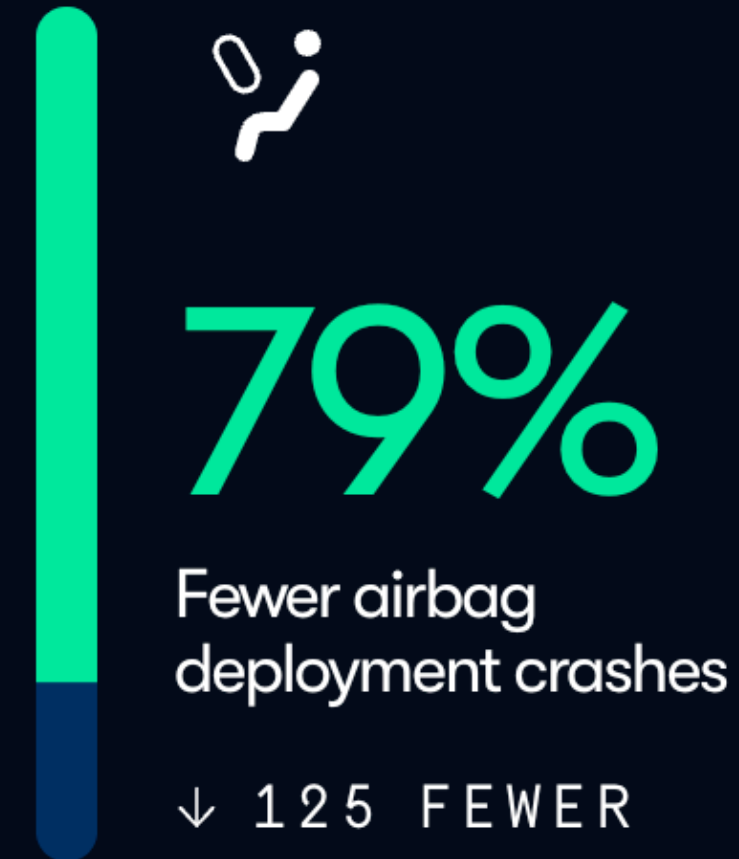


Source: Food and Drug Administration (2025)

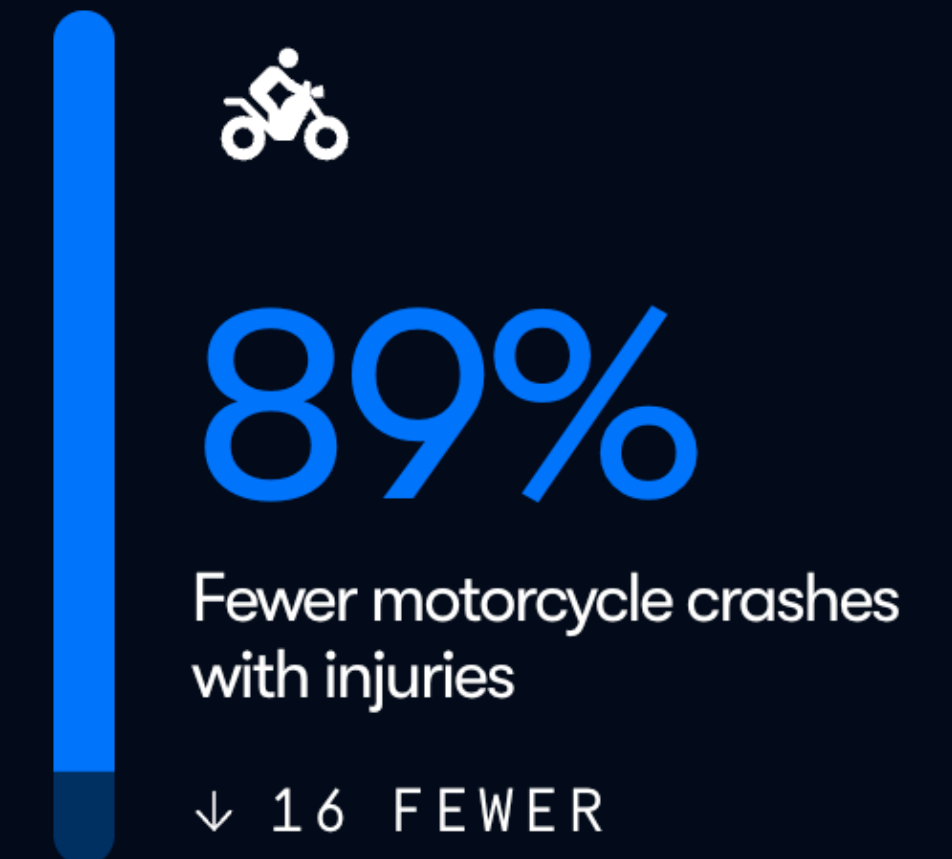
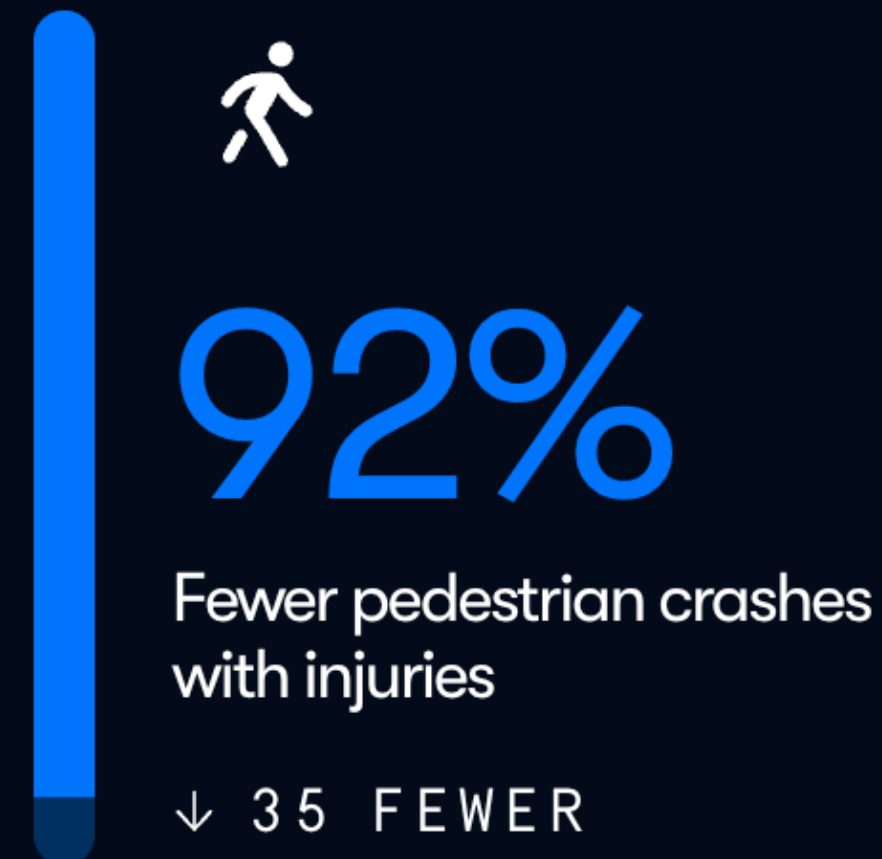


Compared to an average human driver over the same distance in our operating cities, the Waymo Driver had

Overall crash reduction



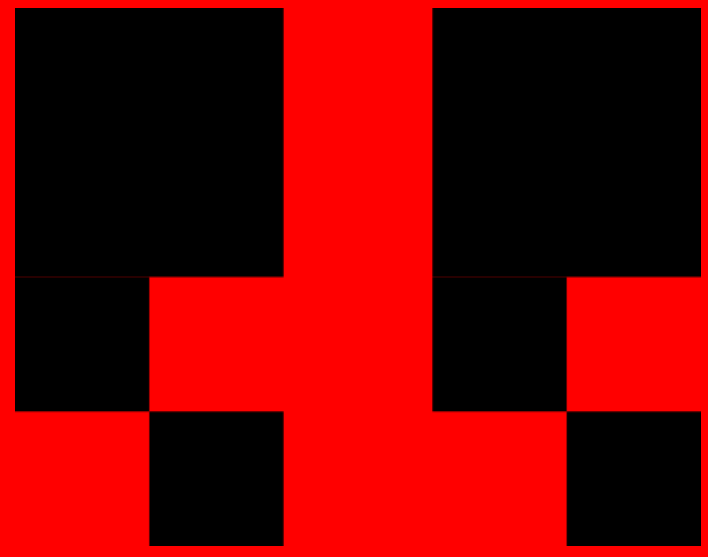
Crash reductions involving injuries to Vulnerable Road Users



Montana's AI Opportunity

- Productivity drives prosperity
- AI systems can accelerate productivity, thus increasing wages
- Embracing AI and computation can unlock outsized gains for a state like Montana
- Examples: Back-office help for tourism small business; improved healthcare for rural communities





aiopportunities.org



To Achieve the AI Future We Want Policy Should..



- Solve an actual problem and be limited in scope
- Protect open source
- Let the market lead
- Oversight of government AI systems
- AI education and digital literacy efforts



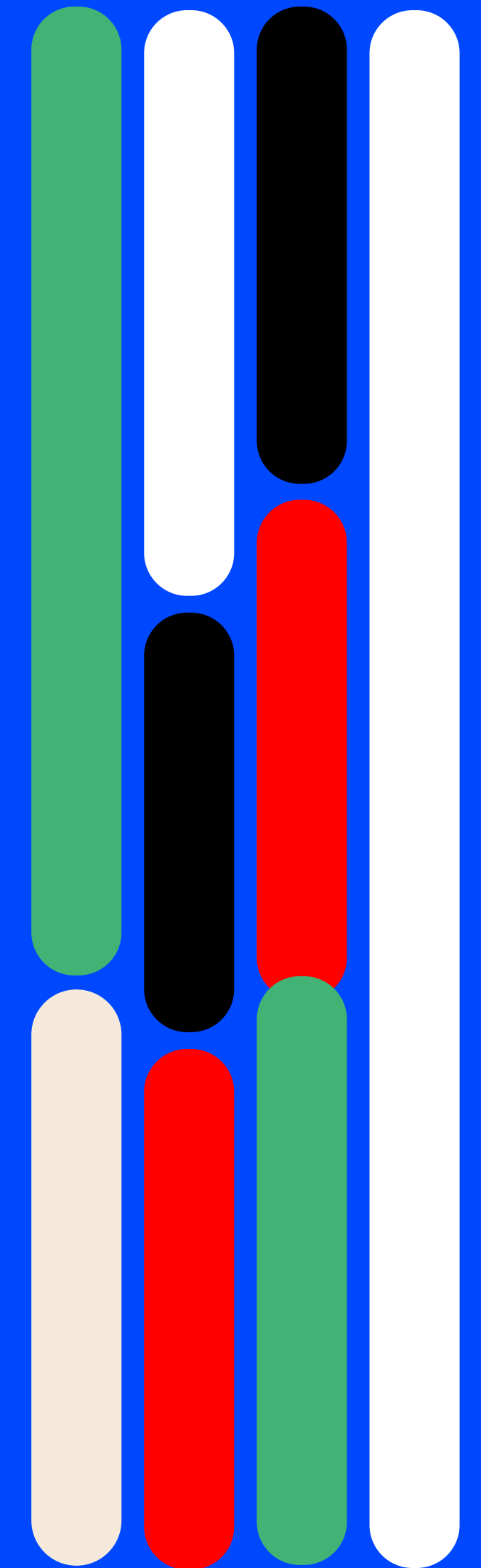
State Policies *Not to* Follow

- Current Laws
 - NY City Local Law 144 (Jan, 2023)
 - CO AI Act* (2024)
 - CA SB 53 (2025)
 - NV and IL ban AI therapy (2025)
 - NY RAISE Act (pending)
- Proposed
 - MI HB 4667 and 4668
 - CA AB 1064
 - Hundreds more



State Policies to Follow

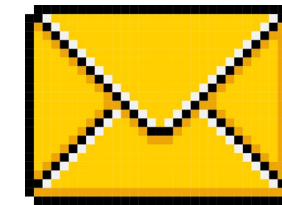
- Right to Compute (DONE in MT!)
- State Artificial Intelligence Act (SB 149)
- Utah AI Therapy Regulation (HB 452)
- The Artificial Intelligence Tax Non-Discrimination Act
- Technology-Neutral Anti-Discrimination Clarification Act
- Stop Deepfake CSAM Act
- Stop Non-Consensual Distribution of Intimate Deepfake Media Act
- Federal SANDBOX Act



Choose
innovation



Let's Work Together



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