

Presidential Transition Report Topics

[The National Artificial Intelligence Advisory Commission \(NAIAC\)](#)

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INTRODUCTION

In furtherance of its role and congressional mandate, NAIAC members understand that the upcoming transition to a new presidential administration presents an opportunity to target and address new priorities, as well as renew commitment to past priorities, in AI policy and regulation. Our focus is on how to increase opportunity and reduce harms from AI use, both inside and outside the government, through funding, executive action, regulation, enforcement, and other levers at the disposal of our mandated audience, the President and the White House. As such, we are currently working on a short transition report, outlined here, that **highlights the top 10 areas that are in immediate need of executive action**. For each section, we identify both **key issues** to address as well as **proposed solutions** that we believe are necessary to accomplish within the first 100 days of the next Administration.

Focus Area 1: WORKFORCE

OVERVIEW: As artificial intelligence (AI) continues to provide opportunities to expand economic growth and prosperity for the American economy, we must also prepare ourselves to seize opportunities and tackle challenges that AI might bring for the American worker when recruiting, hiring, and promoting, and when transforming jobs and career paths, either elevating or disrupting economic stability and well being as a consequence. If not managed effectively, the disruptive power of AI could weaken the ties between a growing economy and American workers and their families enjoying greater economic security. In addition, the use of AI in the workplace can improve productivity and shared gains for organizations and workers alike; however, certain uses of AI also have the potential to undermine the dignity, autonomy, safety, and security of workers on the job. Given that we are in the relatively early phases of AI's deployment in the workforce, there is considerable opportunity for the next administration to help the nation seize the opportunities and respond to the challenges in a timely manner.

Focus Area 2: AI Awareness & Literacy

OVERVIEW: Some research studies show alarmingly low levels of AI literacy among average Americans, which can lead to a profound and growing public concern about the impacts of AI on society. Incomplete understanding of the methods, uses, risks, and benefits of AI is acute in society, perhaps particularly so for geographically and demographically diverse communities. Lack of AI awareness and literacy stands to impede the effective development and implementation of AI, yielding potentially

deleterious effects on the U.S. economy, the well-being of U.S. citizens, and long-term global competitiveness. NAIAC will provide recommendations to ensure that under-represented populations, and all communities, are better able to benefit from the opportunities that AI literacy can help enable, and avoid creating a deeper opportunity divide.

Focus Area 3: AI & EDUCATION

OVERVIEW: One of the most fundamentally important and impactful uses of AI in society is the use of AI tools to enrich and expand educational opportunities for students and workers in the U.S., particularly for those individuals and communities that are already underserved and under-resourced in the educational arena. AI tools for education can provide greater access to individualized education for more students and workers, teach critical thinking and employable skills to fit the demands of the workforce, improve learning outcomes, and create efficiencies for overly taxed teachers and school districts. However, limitations preventing students and teachers making full use of AI tools include lack of practical and technical AI knowledge, the need to provide key input that would inform improvements to AI tool-makers, and the potential undermining of privacy, as well as other potential harms and discrimination associated with AI use. The federal government has a unique role to play in democratizing access, improving effectiveness, and reducing harms associated with education-focused AI systems. Given that AI increasingly permeates all areas of our life, our work and the U.S. economy, time is of the essence. NAIAC will highlight some of the unique challenges and propose recommendations for White House attention and action within the first 100 days in office.

Focus Area 4: AI IN SCIENCE

OVERVIEW: AI is a dramatic new scientific development in two respects: it is an important new scientific field, where the development and understanding of technical principles, practical applications, and ethical consequences are continuously evolving; and it will continue to be a key driver of innovation across wide-ranging areas of science, given that AI has already shown itself to be a crucial tool for discovery across the physical, biological, medical, environmental, and social sciences. This is a pivotal moment for investment in these scientific priorities, as AI models become increasingly powerful.

Focus Area 5: AI IN HEALTH

OVERVIEW: Improving health care and health outcomes, including putting government healthcare programs on sound fiscal footing, can be a key driver of national success. The United States spends significantly more on health care than other advanced economies, and health care spending takes up the largest share of the federal budget and is projected to grow faster than any other area of federal spending except interest on debt. Today, AI is being used to improve the delivery of health care to individuals, including discovering new treatments and cures for diseases, but more needs to be done to tap its potential to fundamentally improve the health care system.

Focus Area 6: AI IN GOVERNMENT

OVERVIEW: The adoption of AI systems within the federal government presents a significant opportunity to enhance efficiency, cost savings, and public engagement. However, this technology also presents risks, both known and unknown, which must be addressed proactively in order to ensure safe deployment and fully realize its benefits. NAIAC will present recommendations that outline challenges in adopting AI systems across federal agencies and that propose targeted solutions to overcome these obstacles that must be addressed within the first 100 days of the Administration.

Focus Area 7: AI TO SUPPORT SMALL BUSINESS, ENTREPRENEURSHIP & OPPORTUNITY

OVERVIEW: The significant benefits of AI are not equally available to all businesses, and in particular, small businesses and startups with less resources, budget, and infrastructure in place to explore and implement responsible use of AI technologies. AI tools and technologies often require substantial upfront investment, and beyond the initial purchase, configuring, maintaining, and updating AI systems can be expensive. Additionally, training workers to effectively integrate AI into business processes can be expensive, complicated, and time-consuming. The federal government can help reduce the barriers to AI adoption for small businesses, enabling more opportunity and fostering innovation, competitiveness, and economic growth, as well as providing guidance and best practices to mitigate liability and harms from AI systems.

Focus Area 8: AI GOVERNANCE

OVERVIEW: The Biden Administration, through executive action, has taken significant steps in AI governance within government, using a framework that supports innovation and adoption of AI, and foregrounds rights protections and advancing the science and implementation of AI safety. NAIAC will make a set of recommendations related to continuing to advance AI governance through executive branch and agency action, complementing and extending the work of the current administration.

Focus Area 9: AI IN THE PUBLIC INTEREST

OVERVIEW: Important steps have been commenced to ensure continued American leadership in the development of AI in the public interest. The establishment of the National AI Research Resource (NAIRR), for instance, would create infrastructure for American researchers and a broader community to better access and benefit from AI development and ensure its alignment with the public interest. NAIAC will make a set of recommendations for continued executive support for bold American leadership in the development of AI-powered solutions to pressing public problems.

ABOUT NAIAC

The National Artificial Intelligence Advisory Committee (NAIAC) advises the President and the White House National AI Initiative Office (NAIIO) on the intersection of AI and innovation, competition, societal issues, the economy, law, international relations, and other areas that can and will be impacted by AI in the near and long term. Their work guides the U.S. government in leveraging AI in a uniquely American way — one that prioritizes democratic values and civil liberties, while also increasing opportunity.

NAIAC was established in April 2022 by the William M. (Mac) Thornberry National Defense Authorization Act. It first convened in May 2022. It consists of leading experts in AI across a wide range of domains, from industry to academia to civil society.

<https://www.ai.gov/naiac/>.