

Frontier AI Assessment Overview

The U.S. Department of Commerce's Bureau of Industry and Security (BIS), Office of Technology Evaluation (OTE), is conducting an assessment of the U.S. artificial intelligence industry. This assessment is being performed pursuant to Section 4.2.a of Executive Order 14110: Safe, Secure, and Trustworthy Development and Use of Artificial Intelligence.

The principal goal of this assessment is to identify the capabilities of frontier Artificial Intelligence developers and computing providers, and to assess their security and risk management practices. The resulting data and subsequent analysis will allow industry representatives and government policy officials to better monitor trends, benchmark industry performance, and raise awareness of potential issues of concern.

Organizations identified by BIS as likely to possess frontier artificial intelligence models or computing clusters will participate in this mandatory data collection. These organizations were identified as likely to meet the technical thresholds for participation in this collection laid out in Section 4.2.b of EO 14110 by BIS staff through a combination of market research and conversations with industry. Each contribution is vital to ensure a meaningful, robust analytical response intended to allow government policy officials to better monitor trends, benchmark industry performance and raise awareness of potential issues of concern. BIS has partnered successfully with several industry sectors in the past, such as rocket propulsion, healthcare, and strategic materials, and we anticipate similar, mutually beneficial cooperation in the present collection.

Legal Protections and Requirements

OTE is authorized by the Defense Production Act of 1950 (DPA), as amended, to collect and protect the business proprietary information submitted by assessment respondents (50 USC § 4555). Executive Order 13603 authorizes the Department of Commerce to assess the ability of the U.S. industrial base to support the national security and critical program needs as well as develop policy recommendations to improve the international competitiveness of specific domestic industries. The information collected from assessment respondents will only be used publicly in aggregated form, meaning at no time will such reporting identify specific organizations by name or disclose proprietary information. Assessment response information is exempt from Freedom of Information Act (FOIA) requests.

Industrial Base Assessment Program

Since 1986, OTE has conducted over 60 assessments and 150 surveys on a wide range of topics, including the U.S. defense industrial base, healthcare products, information and communications influenza vaccines, microelectronics and semiconductors, NASA's rocket propulsion sector, and strategic materials, among others. The results of most of OTE's industrial base assessments can be found here: <https://www.bis.doc.gov/dib>.

For more information on the assessment and overall program, contact Jason Bolton, Director, Defense Industrial Base Division, Office of Technology Evaluation, Bureau of Industry and Security at Jason.Bolton@bis.doc.gov.

Thank you for your cooperation. We look forward to working with you.