

119TH CONGRESS  
1ST SESSION

# S. 3339

To better forecast and plan for the impact of artificial intelligence on the workforce of the United States, to provide data to improve training programs for in-demand industry sectors and occupations, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

DECEMBER 3, 2025

Mr. BANKS (for himself, Ms. HASSAN, Mr. HICKENLOOPER, and Mr. HUSTED) introduced the following bill; which was read twice and referred to the Committee on Health, Education, Labor, and Pensions

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## A BILL

To better forecast and plan for the impact of artificial intelligence on the workforce of the United States, to provide data to improve training programs for in-demand industry sectors and occupations, and for other purposes.

1       *Be it enacted by the Senate and House of Representa-  
2       tives of the United States of America in Congress assembled,*

**3       SECTION 1. SHORT TITLE.**

4       This Act may be cited as the “AI Workforce Projec-  
5       tions, Research, and Evaluations to Promote AI Readiness  
6       and Employment Act” or the “AI Workforce PREPARE  
7       Act”.

1 **SEC. 2. FINDINGS AND PURPOSES.**

2 (a) FINDINGS.—Congress finds the following:

3 (1) Artificial intelligence could cause significant  
4 shifts in demand for workers, with some tasks or oc-  
5 cupations becoming automated or augmented and  
6 some tasks or occupations seeing increased demand.7 (2) Policymakers, training providers and edu-  
8 cators, and workers require better data and fore-  
9 casts to anticipate and mitigate worker dislocation  
10 or potential worker shortages due to artificial intel-  
11 ligence.12 (3) Closing data and forecasting gaps relating  
13 to the impact of artificial intelligence on the work-  
14 force (including the impact on jobs) will help the  
15 United States prepare its workforce for technology  
16 that enhances the Nation's economic competitiveness  
17 and national security.

18 (b) PURPOSES.—The purposes of this Act are—

19 (1) to measure the evolving capabilities of arti-  
20 ficial intelligence with respect to automating or aug-  
21 menting tasks or occupations;22 (2) to collect information on artificial intel-  
23 ligence adoption and artificial intelligence-related  
24 layoffs through existing Federal surveys, voluntary  
25 industry reporting, and improved disclosures under

1 the Worker Adjustment and Retraining Notification  
2 Act;

3 (3) to produce short- and medium-term occupa-  
4 tional employment forecasts that include prediction  
5 intervals reflecting uncertainty about the trajectory  
6 of artificial intelligence;

7 (4) to build the Federal Government's technical  
8 capacity through temporary hiring authority for  
9 qualified technology talent; and

10 (5) to inform policy concerning reforms of  
11 grantmaking for training programs, as well as other  
12 potential policy reforms.

13 **SEC. 3. DEFINITIONS.**

14 In this Act:

15 (1) ARTIFICIAL INTELLIGENCE.—The term “ar-  
16 tificial intelligence” has the meaning given the term  
17 in section 5002 of the National Artificial Intelligence  
18 Initiative Act of 2020 (15 U.S.C. 9401).

19 (2) SECRETARY.—Except as otherwise provided,  
20 the term “Secretary” means the Secretary of Labor.

21 (3) TRAINING PROGRAM.—The term “training  
22 program” means a program of workforce investment  
23 activities as defined in section 3 of the Workforce  
24 Innovation and Opportunity Act (29 U.S.C. 3102)

1        or another training program administered by the  
2        Secretary of Labor.

3        **TITLE I—DATA ACCESS, STUD-  
4        IES, AND GOVERNMENT  
5        TECHNICAL TALENT**

6        **SEC. 101. INFORMATION COLLECTION AND DISCUSSION.**

7        (a) REQUEST FOR COMMENT.—

8                (1) REQUEST.—Not later than 45 days after  
9        the date of enactment of this Act, the Secretary  
10      shall make available, on a publicly accessible website  
11      of the Department of Labor, a request for comment,  
12      to allow interested persons to submit views on the  
13      best means of implementing this Act.

14               (2) COMMENT PERIOD.—The comment period  
15      during which interested persons may submit such  
16      views shall be 60 days.

17               (3) TOPICS.—In making the request under  
18      paragraph (1), the Secretary shall solicit written  
19      views on—

20                        (A) the design and implementation of data  
21      collection, forecasting, and other tools directed  
22      or authorized by this Act (such as new survey  
23      questions, prize competitions, statements re-  
24      quired under section 3(e) of the Worker Adjust-  
25      ment and Retraining Notification Act (29

1 U.S.C. 2102(e)), as added by section 204, and  
2 data-sharing efforts directed under section  
3 202), including details on—

4 (i) which data, tools, data-sharing  
5 partnerships, or deeper analyses (such as  
6 generation of statistical series under sec-  
7 tion 104 of occupations specified under  
8 section 104(a)(3) and prediction intervals  
9 under section 301 for occupations listed  
10 under section 301(a)(1)) would be highly  
11 valuable for improving forecasts or policy-  
12 making under this Act; and

13 (ii) cost-effective methods for col-  
14 lecting valid, timely, and reliable data, de-  
15 veloping tools, or otherwise implementing  
16 this Act;

17 (B) cost-effective reforms to increase re-  
18 searchers' access to data from the Bureau of  
19 the Census, the Bureau of Labor Statistics, and  
20 other Federal agencies, including researcher ac-  
21 cess to data at the individual unit or record  
22 level, in a manner that is secure and protects  
23 the privacy of persons with information con-  
24 tained in the data, including requiring re-  
25 searcher compliance with such regulations as

1 the Secretary may require based on section  
2 552a of title 5, United States Code (commonly  
3 known as the “Privacy Act of 1974”);

4 (C) best practices in forecasting the impact  
5 of artificial intelligence on the workforce, in-  
6 cluding ways in which the Department of Labor  
7 could improve the accuracy and value of its oc-  
8 cupational forecasts and low-cost methods for  
9 producing benchmark forecasts such as the  
10 forecast required under section 301(b)(4);

11 (D) how to improve the efficacy of pro-  
12 grams of grants for training programs in light  
13 of the potential impact of artificial intelligence  
14 on the workforce;

15 (E) methods for qualitatively or quan-  
16 titatively evaluating the value of information  
17 from data collection and forecasting directed or  
18 authorized by this Act, to support effective  
19 prioritization of efforts;

20 (F) appropriate data governance policies  
21 and methods for maintaining the security of  
22 data collected or aggregated during implemen-  
23 tation of this Act; and

24 (G) other topics that are determined to be  
25 appropriate by the Secretary.

## 7 (b) WORKSHOPS.—

## 8 (1) INITIAL WORKSHOP.—

9 (A) IN GENERAL.—Not later than 180  
10 days after the date of enactment of this Act,  
11 the Secretary shall convene an initial workshop,  
12 to discuss responses to comments received  
13 under subsection (a) and discuss important  
14 points of agreement or disagreement among ex-  
15 perts on the best means of implementing this  
16 Act.

17 (B) PARTICIPANTS.—The Secretary may  
18 limit the workshop to invited participants and  
19 shall invite to the workshop—

20 (i) as economic and technical ex-  
21 perts—

22 (I) economists:

23 (II) technical experts on artificial  
24 intelligence from academia and non-  
25 profit organizations:

(III) such technical experts from industry and labor organizations;

(IV) researchers or practitioners in scored forecasting involving expert elicitation; and

(V) other experts as the Secretary determines appropriate;

(ii) as representatives of entities that will be significantly affected by the implementation of this Act—

(I) a representative of the—

(aa) Census Bureau;

(bb) Office of Science and  
Technology Policy;

(cc) Council of Economic  
Advisers;

(dd) Center for AI Standards and Innovation; and

(ee) Bureau of Economic  
Analysis;

(II) representatives of labor organizations; and

(III) State and Federal entities that award or receive grants, including grants under the Workforce Inno-

1 vation and Opportunity Act (29  
2 U.S.C. 3101 et seq.);  
3 (iii) a representative of the Workforce  
4 Information Advisory Council;  
5 (iv) a representative of the Govern-  
6 ment Accountability Office; and  
7 (v) other stakeholders the Secretary  
8 determines to be appropriate.

9 (C) VIEWPOINT REPRESENTATION.—In in-  
10 viting participants, the Secretary shall include  
11 experts who hold materially different perspec-  
12 tives on the important disagreements or uncer-  
13 tainties relevant to implementation of this Act,  
14 such as the degree and rate of artificial  
15 intelligence's impact on labor demand, so the  
16 workshop participants can better detect impor-  
17 tant disagreements and uncertainties relevant  
18 to that implementation and identify information  
19 that could be collected or produced to resolve  
20 them. The Secretary shall not limit the invita-  
21 tions to individuals, or representatives of enti-  
22 ties, that responded to any prior request for  
23 comment.

24 (D) TOPICS.—The Secretary shall provide  
25 presentation time for groups of participants de-

1 scribed in subparagraph (B). The topics dis-  
2 cussed at the workshop shall include the topics  
3 described in subsection (a)(3).

4 (E) CRITICAL EVALUATION.—The work-  
5 shop shall feature at least one exercise to criti-  
6 cally evaluate the analytical assumptions of the  
7 Bureau of Labor Statistics regarding the im-  
8 pact of artificial intelligence on the workforce.

9 (F) VALUE OF INFORMATION.—The work-  
10 shop participants shall seek to quantify or rank  
11 the expected value of information to be gained  
12 through proposals for data collection, tool devel-  
13 opment, or other policy reforms.

14 (G) REPORT.—

15 (i) CONTENTS.—Not later than 45  
16 days after the end of the workshop, the  
17 Secretary shall prepare and submit to Con-  
18 gress a report that—

19 (I) summarizes written comments  
20 received under subsection (a) and  
21 workshop discussions;

22 (II) identifies at least 5 datasets,  
23 metrics (including model capability  
24 benchmarks), or analyses that could  
25 be produced pursuant to this Act or

similar authorities within 2 years and  
that, if produced, would provide the  
highest value of valid and reliable in-  
formation at a reasonable cost, based  
on the Secretary's evaluation of the  
input gathered under this section; and

7 (III) lists recommendations made  
8 at the workshop about agency actions,  
9 timelines, and estimated costs, to im-  
10 plement this Act.

11 (ii) PUBLIC AVAILABILITY.—On the  
12 same date on which the report is submitted  
13 to Congress, the Secretary shall publish  
14 the report on a publicly accessible website  
15 of the Department of Labor and dissemi-  
16 nate such report to each State workforce  
17 agency.

18 (iii) ANONYMIZATION.—In preparing  
19 the report, the Secretary may anonymize  
20 information as appropriate, to promote full  
21 and open involvement of workshop partici-  
22 pants.

23 (2) SUBSEQUENT WORKSHOPS.—Beginning not  
24 later than 1 year after the end of the initial work-  
25 shop held under paragraph (1), the Secretary shall

1 host at least 1 subsequent workshop each fiscal year.  
2 The requirements of subparagraphs (B) and (C) of  
3 paragraph (1) shall not apply to such subsequent  
4 workshop. The Secretary shall determine the partici-  
5 pants of such workshops, including choosing partici-  
6 pants with diverse viewpoints.

7 (c) NONAPPLICATION OF REQUIREMENTS.—The re-  
8 quirements of subsections (a) and (b) shall not apply be-  
9 ginning on the date that is 5 years after the date of enact-  
10 ment of this Act.

11 (d) AUTHORIZATION OF APPROPRIATIONS.—There is  
12 authorized to be appropriated to the Secretary to carry  
13 out this section \$2,000,000 for the period of fiscal years  
14 2026 through 2030.

15 **SEC. 102. ATTRACTING HIGHLY QUALIFIED EXPERTS IN AR-**  
16 **TIFICIAL INTELLIGENCE AND OTHER FIELDS.**

17 (a) PURPOSE.—The purpose of this section is to en-  
18 able the Department of Labor to rapidly recruit highly  
19 qualified experts in artificial intelligence, machine learn-  
20 ing, advanced data science, or another area of expertise  
21 related to supporting the accomplishment of the purposes  
22 of this Act.

23 (b) APPOINTMENT.—

24 (1) DEFINITIONS.—In this section:

1 (A) COMPETITIVE SERVICE.—The term  
2 “competitive service” has the meaning given the  
3 term in section 2102 of title 5, United States  
4 Code.

5 (B) COVERED INDIVIDUAL.—The term  
6 “covered individual” means an individual with  
7 the expertise described in subsection (a).

18 (c) COMPENSATION.—

24 (d) STATUS.—A covered individual appointed under  
25 subsection (b) may, in the discretion of the Secretary, be

1 deemed an employee for purposes of subchapters I, IV,  
2 and V of chapter 55 and chapters 73, 81, 83, 84, 87, 89,  
3 and 90 of title 5, United States Code.

4 (e) EXEMPTIONS.—Chapter 33, chapter 51, and sub-  
5 chapter III of chapter 53 of title 5, United States Code,  
6 shall not apply with respect to an appointment made  
7 under this section or to a position to which a covered indi-  
8 vidual is appointed under this section.

9 (f) TERMS.—Each appointment shall be for a period  
10 of not more than 24 months, except that the Secretary  
11 may extend the appointment of an individual under this  
12 section for a period not more than 24 additional months  
13 if the Secretary submits to Congress and the President  
14 a certification that the individual continues to be highly  
15 valuable for providing the expertise described in subsection  
16 (a).

17 (g) DUTIES.—An employee appointed under this sec-  
18 tion shall primarily carry out duties related to improv-  
19 ing—

20 (1) measurement and forecasting related to the  
21 potential impact of artificial intelligence on labor  
22 markets and workforce training needs; and

23 (2) policymaking regarding the preparation for  
24 or adjustment to the potential impact of artificial in-  
25 telligence on labor markets.

1       (h) LIMITATION ON POSITIONS.—The total number  
2 of employees simultaneously serving under this section  
3 shall not exceed 20.

4       (i) REPORTS.—Not later than 1 year after the date  
5 of enactment of this Act, and annually thereafter, the Sec-  
6 retary shall submit to the Committee on Health, Edu-  
7 cation, Labor, and Pensions of the Senate and the Com-  
8 mittee on Education and Workforce of the House of Rep-  
9 resentatives a brief report stating, for the year involved—

10           (1) the number of employees employed under  
11 this section;

12           (2) the primary qualifications and duties of the  
13 employees; and

14           (3) an assessment of their impact on making  
15 improvements described in subsection (g).

16       (j) RULE OF CONSTRUCTION.—Nothing in this sec-  
17 tion may be construed to waive any requirement with re-  
18 spect to determining the suitability of an individual for  
19 Federal employment, including any requirement with re-  
20 spect to a security clearance.

21       (k) TERMINATION OF APPOINTMENT AUTHORITY.—

22           (1) IN GENERAL.—The authority to make or  
23 extend appointments under subsections (b) and (f)  
24 shall terminate effective 4 years after the date of en-

1 actment of this Act, unless extended by Federal stat-  
2 utory law.

3 (2) RULE OF CONSTRUCTION.—Nothing in this  
4 subsection shall be construed to affect the continued  
5 service of an individual who was appointed or whose  
6 appointment was extended, under subsection (b) or  
7 (f), before the termination date described in para-  
8 graph (1).

9 (l) AUTHORIZATION OF APPROPRIATIONS.—There is  
10 authorized to be appropriated to the Secretary to carry  
11 out this section \$6,000,000 for the period of fiscal years  
12 2026 through 2030.

13 **SEC. 103. ARTIFICIAL INTELLIGENCE WORKFORCE RE-**  
14 **SEARCH HUB.**

15 (a) ESTABLISHMENT.—Not later than 90 days after  
16 the date of enactment of this Act, the Secretary shall es-  
17 tablish an Artificial Intelligence Workforce Research Hub  
18 in the Department of Labor. The Hub shall carry out its  
19 duties in collaboration with the Bureau of the Census, and  
20 the Bureau of Economic Analysis, of the Department of  
21 Commerce, and the Bureau of Labor Statistics.

22 (b) DUTIES.—The Hub shall conduct research, and  
23 help lead the Federal effort, to evaluate the impact of arti-  
24 ficial intelligence on the workforce, including the experi-  
25 ence of United States workers whose employment is so im-

1 pacted. The Hub shall produce recurring analyses, con-  
2 duct scenario planning for a range of potential artificial  
3 intelligence impact levels, and generate actionable insights  
4 to inform policy for training programs, for mitigating un-  
5 employment, and for other employment impacts.

6 (c) DETAILS.—

7 (1) FEDERAL GOVERNMENT EMPLOYEE.—Any  
8 Federal Government employee, including individuals  
9 appointed under section 102, may be detailed to the  
10 Hub with or without reimbursement, and such detail  
11 shall be without interruption or loss of civil service  
12 status or privilege.

13 (2) PRIVATE SECTOR EMPLOYEE.—Pursuant to  
14 sections 3701 through 3704 of title 5, United States  
15 Code, an employee of a private sector organization  
16 may be detailed to the Hub with or without reim-  
17 bursement.

18 (3) STATE OR LOCAL EMPLOYEE.—Pursuant to  
19 sections 3371 through 3376 of title 5, United States  
20 Code, an employee of a State or local government  
21 may be detailed to the Hub with or without reim-  
22 bursement.

23 (d) FUNDING.—

24 (1) IN GENERAL.—The Secretary may use any  
25 amount made available to the Secretary for the pur-

1 pose of providing, or conducting research on, training  
2 programs, or for conducting research on employment  
3 impacts, including any such amount made  
4 available for the Employment and Training Adminis-  
5 tration or the Bureau of Labor Statistics, to carry  
6 out this section.

7 (2) PROHIBITION ON ADDITIONAL APPROPRIA-  
8 TIONS.—No additional amounts are authorized to be  
9 appropriated to carry out this section.

10 (e) NONAPPLICATION OF REQUIREMENTS.—The re-  
11 quirements of this section shall not apply beginning on  
12 the date that is 4 years after the date of enactment of  
13 this Act.

14 **SEC. 104. MODERNIZING ACCESS TO ARTIFICIAL INTEL-  
15 LIGENCE-RELATED LABOR MARKET DATA.**

16 (a) JOB-TO-JOB DATA PILOT PROJECT.—

17 (1) PURPOSE.—The purpose of this section is  
18 to produce a recurring statistical series on flows of  
19 workers between occupations, with a focus on occu-  
20 pations impacted by artificial intelligence, including  
21 those occupations that may experience significant in-  
22 creased or decreased demand for workers or changes  
23 in the skills required by workers, to inform policy-  
24 making such as policymaking related to training pro-  
25 grams and adjustment assistance.

15 (3) DESIGNATION AND SCOPE.—

16 (A) PUBLICATION OF DESIGNATED OCCU-  
17 PATIONS.—The Secretary of Labor shall, in  
18 consultation with the Director and not later  
19 than 240 days after the date of enactment of  
20 this Act and not less frequently than once every  
21 2 years thereafter, designate occupations for,  
22 and publish in the Federal Register, a list of  
23 occupations. The list shall include not fewer  
24 than 15 occupations designated at the 6-digit or  
25 4-digit Standard Occupational Classification

1 code level, or according to a similar occupation  
2 code scheme if the Secretary of Labor deter-  
3 mines that designation in accordance with that  
4 scheme would be more feasible or valuable, for  
5 which the Secretary of Labor determines that it  
6 would be highly valuable to collect and provide  
7 occupation transitional data, to better under-  
8 stand the impact of artificial intelligence on oc-  
9 cupations, including occupations that may expe-  
10 rience demand or changes described in para-  
11 graph (1) (including related economic out-  
12 comes) for the pilot project.

13 (B) FACTORS FOR DESIGNATION.—In  
14 making the designation under subparagraph  
15 (A), the Secretary of Labor shall consider fac-  
16 tors such as the potential degree of worker dis-  
17 location or shortage driven by artificial intel-  
18 ligence for an occupation, the information value  
19 in evaluating analytical assumptions regarding  
20 the impact of artificial intelligence on the work-  
21 force in the occupation, the feasibility of col-  
22 lecting data on occupational transitions, and  
23 the insufficiency of related existing (as of the  
24 date of the designation) data or research for  
25 the occupation.

6 (A) Federal surveys, administrative  
7 records, and data from interagency data link-  
8 ages;

9 (B) voluntary partnerships with private en-  
10 tities to obtain data, including payroll data; and

11 (C) small-scale pilot projects with States  
12 and localities, including projects that collect  
13 data with enhanced wage record elements such  
14 as job titles or occupational codes.

1 producing the statistical series is not practicable or  
2 that the cost of producing the series would be sub-  
3 stantially greater than the value the series is ex-  
4 pected to contribute, the Director shall submit a  
5 public report in lieu of the series that—

6 (A) identifies statutory, technological, or  
7 logistical barriers to that production;

8 (B) describes changes (including changes  
9 through legislation, funding, or standards) that  
10 would enable the production to occur; and

11 (C) presents a cost-benefit assessment of  
12 the cost of production (including data collection  
13 and protection) to the expected value of infor-  
14 mation from the series.

15 (7) NONAPPLICATION OF REQUIREMENTS.—The  
16 requirements of this subsection shall not apply be-  
17 ginning on the date that is 4 years after the date  
18 of enactment of this Act.

19 (b) ASSESSMENT OF SECURE REMOTE ACCESS PRO-  
20 POSALS.—To promote academic and other research on the  
21 impact of artificial intelligence on the workforce, the Com-  
22 missioner of Labor Statistics, in consultation with the  
23 Chief Statistician of the United States and the Director  
24 of the Census Bureau, shall request, assess, and report  
25 on the relative value, risk, and cost of proposals, including

1 proposals collected through activities under section 101,  
2 to facilitate researcher access to related data at the indi-  
3 vidual unit or record level. Such report shall be published  
4 not later than 1 year after the enactment of this Act. Such  
5 report may make proposals to facilitate such access  
6 through the National Secure Data Service demonstration  
7 project carried out by the National Science Foundation  
8 under section 10375 of the Research and Development,  
9 Competition, and Innovation Act (42 U.S.C. 19085) or a  
10 secure remote access platform through which that aca-  
11 demic and other research could be accomplished.

12 (c) PROHIBITION ON ADDITIONAL APPROPRIA-  
13 TIONS.—No additional amounts are authorized to be ap-  
14 propriated to carry out this section.

15 **TITLE II—MEASURING ARTIFI-  
16 CIAL INTELLIGENCE CAPA-  
17 BILITIES, ADOPTION AND  
18 USE, AND LAYOFF IMPACTS**

19 **SEC. 201. SUPPORT FOR EVALUATION OF ARTIFICIAL IN-  
20 TELLIGENCE AUTOMATION.**

21 (a) PRIZE COMPETITION REQUIRED.—Not later than  
22 270 days after the date of the enactment of this Act, the  
23 Secretary of Commerce, acting through the Director of the  
24 National Institute of Standards and Technology (in this  
25 section referred to as the “Director”), shall commence car-

1 trying out at least 1 prize competition under section 24  
2 of the Stevenson-Wydler Technology Innovation Act of  
3 1980 (15 U.S.C. 3719) to develop benchmarks or similar  
4 reproducible methods to quantitatively measure the ability  
5 of artificial intelligence to automate or augment tasks or  
6 occupations, with the primary purpose of improving fore-  
7 casts of the impacts that artificial intelligence may have  
8 on workers and the retraining needs of workers.

9 (b) CONSULTATION.—In carrying out the prize com-  
10 petition required by subsection (a), the Director shall con-  
11 sult with the Secretary of Commerce, the Secretary of  
12 Labor, the Commissioner of the Bureau of Labor Statis-  
13 tics, and the Director of the National Science Foundation.

14 (c) STRUCTURE AND EVALUATION CRITERIA.—

15 (1) IN GENERAL.—The Director shall develop  
16 the structure and evaluation criteria for a prize com-  
17 petition carried out under subsection (a) and a com-  
18 panion grant or cooperative agreement awarded  
19 under subsection (d) in accordance with the primary  
20 purpose described in subsection (a).

21 (2) COMPETITION SCOPING.—The Director may  
22 structure a competition under subsection (a) into 1  
23 or more categories, including by the occupation im-  
24 pacted or the capability domain of the artificial in-  
25 telligence.

4 (A) the informativeness of a category in  
5 evaluating the direct or indirect impacts on  
6 labor markets, which may include factors such  
7 as the number of individuals directly or indi-  
8 rectly impacted by the automation or aug-  
9 mentation and the economic security or ability  
10 to find new employment opportunities of the in-  
11 dividuals impacted;

12 (B) the quality or efficacy of the submissions for a category;  
13

14 (C) the potential for a category to result in  
15 the development of benchmarks that com-  
16 plement existing benchmarks;

17 (D) the potential for a category to result  
18 in the development of benchmarks that are un-  
19 derfunded by private contributions relative to  
20 the public value of the benchmarks; and

(E) other factors determined appropriate by the Director, taking into account input gathered under section 101.

24 (4) COMPETITION PHASING.—The Director may  
25 structure a competition under subsection (a) into 1

1 or more phases (such as design and prototype  
2 stages).

10 (A) training data contamination that is  
11 difficult to detect;

12 (B) rapid loss of discriminatory value over  
13 time due to a metric having a low ceiling for  
14 performance; and

15 (C) other common problems, including  
16 problems identified in the input collected under  
17 section 101.

18 (d) COMPANION GRANTS AND COOPERATIVE AGREE-  
19 MENTS.—In carrying out this section, the Director may,  
20 in addition to carrying out a prize competition under sub-  
21 section (a), award a grant or enter into a cooperative  
22 agreement to support the design, construction, validation,  
23 and maintenance of a benchmark or similar reproducible  
24 method described in subsection (a), including support  
25 for—

- 1 (1) data collection and labeling;
- 2 (2) evaluator training and rubric development;
- 3 and

4 (3) third-party replication and inter rater reli-  
5 ability testing.

6 (e) PROGRAM ADMINISTRATION.—The Director may  
7 enter into contracts, cooperative agreements, or other  
8 agreements with for-profit or nonprofit entities, or State,  
9 territorial, local, or Tribal agencies, to design and admin-  
10 ister prize competitions under subsection (a) and related  
1 grant and cooperative agreement activities under sub-  
2 section (d).

13 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
14 authorized to be appropriated to the Secretary of Com-  
15 merce to carry out this section \$7,000,000 for the period  
16 of fiscal years 2026 through 2030.

17 SEC. 202. VOLUNTARY ARTIFICIAL INTELLIGENCE ADOP-  
18 TION AND USE REPORTING AND DATA-SHAR-  
19 ING PARTNERSHIPS.

20 (a) IN GENERAL.—The Secretary, acting through the  
21 Commissioner of Labor Statistics and in coordination with  
22 the Secretary of Commerce and the Director of the Office  
23 of Science and Technology Policy, shall establish a pro-  
24 gram to enable and encourage artificial intelligence devel-  
25 opers, artificial intelligence deployers, and other private

1 entities, to share, on a voluntary basis, anonymized data  
2 on the adoption or use of artificial intelligence in the work-  
3 force.

4 (b) MEMORANDA OF UNDERSTANDING AND OTHER  
5 AGREEMENTS.—To carry out this section, the Secretary  
6 may enter into memoranda of understanding, data-licens-  
7 ing agreements, or other agreements for data sharing with  
8 artificial intelligence developers, artificial intelligence  
9 deployers, and other private entities, participating in the  
10 program under this section.

11 (c) USE OF DATA.—

12 (1) IN GENERAL.—Any data on adoption or use  
13 of artificial intelligence furnished through the pro-  
14 gram under this section—

15 (A) shall be used exclusively for statistical  
16 purposes, as defined in section 3561 of title 44,  
17 United States Code;

18 (B) shall be—

19 (i) treated as confidential in accord-  
20 ance with the requirements under sub-  
21 chapter III of chapter 35 of title 44,  
22 United States Code; and

23 (ii) exempt from disclosure under sec-  
24 tion 552(b)(3) of title 5, United States  
25 Code;

1 (C) shall include an anonymized description of the data sources, the methodology used,  
2 and an assessment of the limitation of the data,  
3 including any known gaps in coverage or potential  
4 for bias; and  
5

6 (D) may not be used for regulatory en-  
7 forcement or any antitrust action.

11 (A) develop a statistical methodology to en-  
12 sure that the data collected through such pro-  
13 gram is, to the extent feasible, statistically valid  
14 and representative of all sectors and demo-  
15 graphics of the workforce;

16 (B) establish data quality standards, uni-  
17 form definitions, and formats for the data to be  
18 shared to ensure comparability; and

19 (C) develop methods to identify and mitigate selection bias in the data received.  
20

21 (d) PUBLIC RECOGNITION FOR PARTICIPATION.—  
22 The Secretary shall maintain, on the website of the De-  
23 partment of Labor, a public roster of artificial intelligence  
24 developers, artificial intelligence deployers, and other pri-

1 vate entities, that participate in the program under this  
2 section and that agree to being included in such roster.

3 (e) PUBLICATION OF AGGREGATE STATISTICS.—

4 (1) IN GENERAL.—Not less frequently than  
5 once every 6 months, the Secretary shall publish ma-  
6 chine readable statistics on information collected  
7 under this section, such as the degree of adoption or  
8 use of artificial intelligence for various occupations,  
9 unless the Secretary determines that such publica-  
10 tions would be more detrimental than beneficial to  
11 the goal of collecting and sharing data to inform pol-  
12 icymaking and the career decisions of individuals.

13 (2) AGGREGATION.—The data published under  
14 this subsection may be—

15 (A) aggregated across data contributors; or  
16 (B) otherwise structured as the Secretary,  
17 in consultation with the Chief Statistician of  
18 the United States and the Workforce Informa-  
19 tion Advisory Council, determines appropriate.

20 (f) REPORT TO CONGRESS.—Not later than 2 years  
21 after the date of enactment of this Act, the Secretary shall  
22 submit to Congress a report—

23 (1) evaluating—

24 (A) participation rates of artificial intel-  
25 ligence developers, artificial intelligence

1           deployers, and other private entities, in the pro-  
2           gram under this section;

3           (B) the quality of data furnished through  
4           such program;

5           (C) the usefulness of the aggregated statis-  
6           tics published pursuant to this section, includ-  
7           ing under subsection (e), for labor-market anal-  
8           ysis; and

9           (D) barriers to collection or analysis of  
10          data pursuant to this section; and

11          (2) providing recommendations for expanding  
12          or modifying the program under this section.

13          (g) AUTHORIZATION OF APPROPRIATIONS.—There is  
14          authorized to be appropriated to carry out this section  
15          \$7,000,000 for the period of fiscal years 2026 through  
16          2030.

17          (h) DEFINITIONS.—In this section:

18           (1) ARTIFICIAL INTELLIGENCE DEPLOYER.—  
19          The term “artificial intelligence deployer” means an  
20          entity (including a cloud service provider) that oper-  
21          ates artificial intelligence for internal use or for use  
22          by a third party.

23           (2) ARTIFICIAL INTELLIGENCE DEVELOPER.—  
24          The term “artificial intelligence developer” means—

## 6 SEC. 203. ARTIFICIAL INTELLIGENCE QUESTIONS IN FED- 7 ERAL SURVEYS.

8        (a) IN GENERAL.—Not later than 1 year after the  
9 date of enactment of this Act, the Secretary of Commerce,  
10 acting through the Director of the Bureau of the Census,  
11 and the Secretary of Labor, acting through the Commis-  
12 sioner of Labor Statistics, shall, in consultation with the  
13 Chief Statistician of the United States, revise their respec-  
14 tive surveys described in subsection (b) to incorporate or  
15 improve questions relating to the adoption and use of arti-  
16 ficial intelligence in accordance with this section.

17 (b) SURVEYS.—The surveys described in this sub-  
18 section are—

19 (1) with respect to the Bureau of the Census—  
20 (A) the Annual Business Survey;  
21 (B) the Current Population Survey; and  
22 (C) the Business Trends and Outlook Sur-  
23 vey; and  
24 (2) with respect to the Bureau of Labor Statis-  
25 tics—

1 (A) the Occupational Requirements Sur-  
2 vey; and

3 (B) the American Time Use Survey.

4 (c) CONTENT.—The questions and improvements re-  
5 quired under subsection (a) shall—

6 (1) to the extent practicable, be informed by the  
7 information collected under section 101 with respect  
8 to how best to implement this Act (including input  
9 or observations quantified or ranked in accordance  
10 with such section) and any other sources determined  
11 appropriate by the Secretary of Commerce or the  
12 Secretary of Labor; and

13 (2) seek to obtain information on—

14 (A) the types of artificial intelligence  
15 adopted by individuals or entities, to enable im-  
16 portant analytical distinctions between such  
17 types, such as between language models and  
18 simple predictive models;

19 (B) the occupations or tasks most im-  
20 pacted by artificial intelligence;

21 (C) changes in skill requirements or train-  
22 ing investments attributable to artificial intel-  
23 ligence, including shortages in skills necessary  
24 for the development, operation, or integration of  
25 artificial intelligence;

(D) the intensity and frequency of artificial intelligence use; and

(E) work outcomes attributable to artificial intelligence, such as changes in time spent or changes in quality or quantity of outputs.

## 6 (d) SCOPE.—

1       (e) PROHIBITION ON ADDITIONAL APPROPRIA-  
2 TIONS.—No additional amounts are authorized to be ap-  
3 propriated to carry out this section.

4 **SEC. 204. DISCLOSURES UNDER THE WORKER ADJUST-  
5 MENT AND RETRAINING NOTIFICATION ACT.**

6       Section 3 of the Worker Adjustment and Retraining  
7 Notification Act (29 U.S.C. 2102) is amended by adding  
8 at the end the following:

9       “(e) ARTIFICIAL INTELLIGENCE CONTRIBUTING TO  
10 MASS LAYOFFS.—

11       “(1) IN GENERAL.—In the event that artificial  
12 intelligence was a substantial factor, as determined  
13 under the guidance issued under paragraph (3), in  
14 contributing to a mass layoff for which a notice is  
15 required under subsection (a), the notice required  
16 under such subsection shall include a statement—

17           “(A) specifying that artificial intelligence  
18 was a substantial factor in such mass layoff;

19           “(B) specifying the type and usage of such  
20 artificial intelligence;

21           “(C) providing an estimate of the percent-  
22 age of the employment loss, with respect to  
23 such mass layoff, that is attributable to such  
24 artificial intelligence; and

1                   “(D) specifying the actions, if any, that  
2                   were taken to upskill or retrain employees to  
3                   meet the needs of the employer prior to imple-  
4                   menting such mass layoff.

5                   “(2) GOOD-FAITH COMPLIANCE.—An employer  
6                   satisfies the requirements under this subsection if  
7                   the notice required under subsection (a) includes a  
8                   good-faith statement with respect to the require-  
9                   ments under paragraph (1), including a good-faith  
10                  estimate of the percentage required under subpara-  
11                  graph (C) of such paragraph.

12                  “(3) GUIDANCE.—The Secretary of Labor shall  
13                  issue guidance not later than 300 days after the  
14                  date of enactment of the AI Workforce PREPARE  
15                  Act on how employers may—

16                  “(A) determine that artificial intelligence is  
17                  a substantial factor in contributing to a mass  
18                  layoff as described in paragraph (1); and

19                  “(B) estimate the percentage required  
20                  under subparagraph (C) of such paragraph.

21                  “(4) APPLICABILITY.—This subsection applies  
22                  with respect to any notice issued under subsection  
23                  (a) on or after the date that is 1 year after the date  
24                  of enactment of the AI Workforce PREPARE Act.

1               “(5) DEFINITION OF ARTIFICIAL INTEL-  
2               LIGENCE.—In this subsection, the term ‘artificial in-  
3               telligence’ has the meaning given such term in sec-  
4               tion 3 of such Act.”.

5 **TITLE III—IMPROVING ARTIFI-  
6               CIAL INTELLIGENCE LABOR  
7               MARKET FORECASTS**

8 **SEC. 301. DETAILED EMPLOYMENT FORECASTS FOR AI-SEN-  
9               SITIVE OCCUPATIONS.**

10               (a) DESIGNATION OF OCCUPATIONS.—

11               (1) IN GENERAL.—The Secretary shall, not  
12               later than 240 days after the date of enactment of  
13               this Act and not less frequently than once every 2  
14               years thereafter, publish in the Federal Register a  
15               list of not less than 15 occupations, at the 6-digit  
16               Standard Occupational Classification code level, for  
17               which the Secretary determines, in accordance with  
18               paragraphs (2) and (3), that a deeper analysis of the  
19               impact of artificial intelligence on such occupation  
20               would be highly valuable.

21               (2) FACTORS FOR SELECTION.—In determining  
22               the occupations to include on a list published under  
23               paragraph (1), the Secretary shall consider—

24               (A) the forecast degree to which artificial  
25               intelligence developments are expected to in-

1           crease or decrease demand for employment in  
2           such occupations;

3           (B) the current size of employment of the  
4           occupations;

5           (C) relevance to policymaking, including  
6           determinations of eligibility or priority for Fed-  
7           eral grants and other funding for workforce or  
8           education initiatives;

9           (D) the feasibility of producing detailed as-  
10           sessments with respect to the occupations; and

11           (E) other factors the Secretary determines  
12           relevant.

13           (3) CONSULTATION.—In determining the occu-  
14           pations to include on a list published under para-  
15           graph (1), the Secretary shall—

16           (A) consult with the Workforce Informa-  
17           tion Advisory Council and the Office of Science  
18           and Technology Policy; and

19           (B) consider input received from respond-  
20           ents or workshop participants under section  
21           101.

22           (4) OTHER FACTORS.—The Secretary shall in-  
23           clude in each list published under paragraph (1) a  
24           brief description of any other factor described in

1       paragraph (2)(E) used in determining whether an  
2       occupation should be included on such list.

3       (b) RANGE FORECASTS FOR DESIGNATED OCCUPA-  
4       TIONS.—

5               (1) REPORT AND PREDICTION INTERVAL FORE-  
6       CASTS.—Not later than 6 months after publication  
7       of the first list under subsection (a)(1) and at least  
8       once every year thereafter, the Secretary shall pub-  
9       lish a report that contains, for each occupation on  
10      the most recently published list under such sub-  
11      section, a forecast in the form of a prediction inter-  
12      val, made by the assigned entity, for employment in  
13      such occupation that reflects the forecast range of  
14      uncertainty about the impact of technological and  
15      other changes on such occupation for—

16               (A) the 2-year period beginning on the  
17      date of such report;

18               (B) the 4-year period beginning on the  
19      date of such report; and

20               (C) the 8-year period beginning on the  
21      date of such report.

22               (2) FORECAST BOUND SPECIFICATION.—

23               (A) IN GENERAL.—For each report under  
24      paragraph (1), the prediction interval described

1           in such paragraph shall, with respect to each  
2           period described in such paragraph—

3 (i) form a range from the 20th to  
4 80th percentile of forecast projected em-  
5 ployment for the occupation, consistent  
6 with paragraph (3); or

15 (I) the usefulness of the range  
16 for research or policymaking;

17 (II) the added difficulty of com-  
18 paring new and past forecasts for per-  
19 formance evaluation (if applicable);  
20 and

(III) the feasibility of producing reliable or defensible forecasts for the ranges.

24 (B) PUBLIC REPORT REGARDING OTHER  
25 RANGES.—If the assigned entity uses another

1                   range of forecasts for purposes of paragraph  
2                   (1) that is approved by the Secretary under  
3                   subparagraph (A)(ii), the assigned entity shall  
4                   publicly release, within 30 days of receiving ap-  
5                   proval from the Secretary, a brief report stating  
6                   the nature of the range of forecasts and the  
7                   reasoning for using such range.

8                   (3) SCOPE OF CONSIDERATION.—To support  
9                   the objectivity of the evaluations under paragraph  
10                   (6), the ranges used pursuant to paragraph (2) shall  
11                   reflect a holistic forecast except that they shall ex-  
12                   clude effects from future acute shocks unrelated to  
13                   the economic impacts of artificial intelligence, in-  
14                   cluding recessions, wars, or pandemics.

15                   (4) BENCHMARK FORECASTS.—For each occu-  
16                   pation and period included in the forecasts made in  
17                   the report under paragraph (1), the assigned entity  
18                   shall select one or more benchmark forecasts to en-  
19                   able comparative evaluation under paragraph (6),  
20                   each with an accompanying methodology included in  
21                   the report required under paragraph (1). Such  
22                   benchmark forecasts may include—

23                   (A) trend-extrapolation models;  
24                   (B) generative artificial intelligence, such  
25                   as language models; or

1 (C) other methods the assigned entity de-  
2 termines appropriate, including those that are  
3 suggested by respondents or workshop partici-  
4 pants under section 101.

5 (5) METHOD TRANSPARENCY AND GAP IDENTI-  
6 FICATION.—In each report published under para-  
7 graph (1), the assigned entity shall, with respect to  
8 each forecast included in such report, provide—

9 (A) appropriate details on data sources, as-  
10 sumptions, and modeling steps used by the as-  
11 signed entity for purposes of the forecast to fa-  
12 cilitate independent evaluation of the method-  
13 ology;

14 (B) an assessment of the most significant  
15 and resolvable data gaps, analytical disagree-  
16 ments, or other sources of uncertainty with re-  
17 spect to the forecast;

18 (C) details regarding the benchmark fore-  
19 casts selected under paragraph (4), including  
20 basic methodological details for external evalua-  
21 tion and replication where possible; and

22 (D) any supplementary forecasts or addi-  
23 tional analyses that the assigned entity deter-  
24 mines appropriate for inclusion, such as condi-  
25 tional forecasts.

## 1 (6) EVALUATION.—

2 (A) TIMING.—The Secretary shall publish  
3 an evaluation of each forecast made under  
4 paragraph (1) for an occupation and period, as  
5 included in the report described in such para-  
6 graph, not later than 120 days after the official  
7 data necessary to evaluate the outcome for the  
8 relevant occupation and period are released.

9 (B) QUANTITATIVE ASSESSMENT.—Each  
10 such evaluation shall include a quantitative as-  
11 sessment using a proper scoring rule that—

12 (i) reflects accuracy for each forecast  
13 made under paragraph (1), with respect to  
14 an occupation and period described in such  
15 paragraph;

16 (ii) reflects aggregate calibration  
17 across the set of forecasts produced in the  
18 report described in paragraph (1); and

19 (iii) provides comparisons to the  
20 benchmark forecast or forecasts produced  
21 under paragraph (4).

22 (C) TREATMENT OF ACUTE SHOCKS.—If  
23 the Secretary determines that an acute shock  
24 described in paragraph (3) has meaningfully

1           distorted the results of an evaluation under this  
2           paragraph, the Secretary shall—

3 (i) attempt to adjust the results in  
4 such evaluation to account for such distor-  
5 tion; and

6 (ii) include a description of how the  
7 Secretary is accounting for such distortion  
8 in the publication of the evaluation under  
9 this paragraph.

10 (7) ASSIGNED ENTITY.—For purposes of this  
11 subsection, the term “assigned entity” means—

12 (A) the Commissioner of Labor Statistics;  
13 or

14 (B) another entity determined appropriate  
15 by the Secretary for making the prediction in-  
16 terval forecast under paragraph (1), such as the  
17 head of the Artificial Intelligence Workforce Re-  
18 search Hub established under section 103.

19 (c) PUBLIC ARCHIVE.—The Secretary shall maintain  
20 an online, public, and machine-readable archive—

21 (1) containing the forecasts, scores, and other  
22 documents published under this section; and

23 (2) that complies with—

1 (A) the requirements under section 508 of  
2 the Rehabilitation Act of 1973 (29 U.S.C.  
3 794d); and

4 (B) the most recent Web Content Accessi-  
5 bility Guidelines of the Web Accessibility Initiative,  
6 or successor guidelines, applicable to mate-  
7 rials posted on a website.

8 (d) IMPLEMENTATION REPORT.—

15 (A) an assessment of the usefulness of the  
16 forecasts of prediction intervals under this sec-  
17 tion to policymakers;

18 (B) a summary of forecasting performance;

19 (C) identification of ways to improve the  
20 accuracy or usefulness of the forecasting, in-  
21 cluding priority data gaps and methodological  
22 issues; and

23 (D) a plan for implementing the phase out  
24 of the requirements of this section pursuant to  
25 subsection (e).

1       (e) PHASED SUNSET.—

2               (1) IN GENERAL.—Except as provided in para-  
3               graph (2), the requirements under this section shall  
4               cease to be in effect on the date that is 5 years after  
5               the date of enactment of this Act.

6               (2) EVALUATIONS.—The requirements under  
7               subsections (b)(6) and (c) shall remain in effect for  
8               10 years after the date of enactment of this Act to  
9               continue evaluation of forecasts produced under sub-  
10               section (b)(1) before the date described in paragraph  
11               (1).

12       (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
13       authorized to be appropriated to the Secretary to carry  
14       out this section \$18,000,000 for the period of fiscal years  
15       2026 through 2030.

16 **SEC. 302. FORECASTING PRIZE COMPETITION.**

17       (a) ESTABLISHMENT.—The Director of the National  
18       Science Foundation (referred to in this section as the “Di-  
19       rector”) shall establish a recurring prize competition to  
20       incentivize accurate forecasts and informative rationales  
21       for short-horizon questions that are informative for under-  
22       standing or addressing labor-market implications of artifi-  
23       cial intelligence (as defined in section 3).

24       (b) ELIGIBILITY.—To be eligible to win a cash prize  
25       purse under this section, an individual or entity—

12 (4) may not be a Federal entity or Federal em-  
13 ployee acting within the scope of their employment.

14 (c) SCOPE OF FORECAST QUESTIONS.—Questions

15 under the prize competition established under subsection

16 (a) may include—

17 (1) model performance on relevant benchmarks,  
18 such as automation or augmentation benchmarks;

19 (2) AI adoption indicators, such as share of  
20 firms deploying generative-AI tools;

21 (3) occupation-level employment changes and  
22 AI-related mass-layoff reports; and

23 (4) other metrics or topics the Director, in con-  
24 sultation with the Secretary of Labor, deems val-  
25 able and appropriate

1       (d) COMPETITION CADENCE AND STRUCTURE.—The  
2 Director shall release questions under the prize competi-  
3 tion established under subsection (a) and score resolved  
4 questions or submitted rationales not less frequently than  
5 every 6 months after the date of the creation of the com-  
6 petition.

7       (e) EVALUATION CRITERIA.—The Director shall use  
8 evaluation criteria in the prize competition established  
9 under subsection (a) that include, either jointly or as part  
10 of separate prize categories—

11           (1) forecasting accuracy using a proper scoring  
12 rule; and

13           (2) informativeness or persuasiveness of ration-  
14 ales, models, or other justifications offered in re-  
15 sponse to questions.

16       (f) CONSULTATION.—In carrying out the prize com-  
17 petition established under subsection (a), the Director  
18 shall—

19           (1) consult with the Secretary, the Director of  
20 the Office of Science and Technology Policy, and at  
21 least 1 organization that has operated scored crowd  
22 elicitation forecasting platforms or contests; and

23           (2) consider relevant input collected under sec-  
24 tion 101 about best practices for designing and oper-  
25 ating scored crowd-sourced forecasting.

## 1       (g) REPORTING; DATA RETENTION.—

2               (1) POSTING.—Each year of the prize competi-  
3               tion established under subsection (a), the Director  
4               shall post a public summary of the results and dis-  
5               cuss whether and how the results will inform Fed-  
6               eral labor-market forecasts or policy.7               (2) RETENTION.—The Director shall retain  
8               program data from the prize competition established  
9               under subsection (a) for not less than 5 years after  
10               the date on which the program sunsets under sub-  
11               section (i).12               (3) CONSOLIDATED REPORT.—By not later  
13               than 3 years after the date of enactment of this Act,  
14               the Director shall publish a consolidated report,  
15               which shall evaluate the prize competition effective-  
16               ness and recommend whether to continue or modify  
17               the prize competition program.18       (h) AUTHORIZATION OF APPROPRIATIONS.—There is  
19               authorized to be appropriated to carry out this section  
20               \$6,000,000 over the period of fiscal years 2026 through  
21               2030.

22       (i) SUNSET.—

23               (1) IN GENERAL.—Except as provided in para-  
24               graph (2), the prize competition authorized under

1 this section shall cease to exist on the date that is  
2 5 years after the date of enactment of this Act.

3 (2) DISTRIBUTION AFTER SUNSET.—Any prize  
4 competition funds that are obligated before the date  
5 that is 5 years after the date of enactment of this  
6 Act shall be distributed after such date that is 5  
7 years after such date of enactment.

8 **TITLE IV—LINKING BETTER  
9 DATA TO EMPLOYMENT,  
10 TRAINING, AND ADJUSTMENT  
11 PROGRAMS**

12 **SEC. 401. REPORT ON USE OF NEW RESEARCH AND TOOLS  
13 IN RECIPIENT SELECTION AND PROGRAM  
14 MEASUREMENT.**

15 (a) REPORT.—Not later than 2 years after the date  
16 of enactment of this Act, the Secretary shall prepare a  
17 report that—

18 (1) describes how the data, benchmarks, and  
19 forecasts developed or collected pursuant to this Act  
20 will be incorporated into the selection or perform-  
21 ance measurement criteria of—

22 (A) programs of formula and competitive  
23 grants under title I of the Workforce Innova-  
24 tion and Opportunity Act (29 U.S.C. 3111 et  
25 seq.);

(B) apprenticeship and pre-apprenticeship programs, and training programs involving grants, administered by the Secretary; and

4 (C) other grant programs administered by  
5 and determined to be appropriate by the Sec-  
6 retary;

12 (3) describes how the Secretary will support  
13 States, localities, and other applicants for funding  
14 for the programs, to utilize the data, benchmarks,  
15 and forecasts to improve their funding applications  
16 and program performance measures; and

17 (4) provides recommendations on timelines, re-  
18 sponsible offices, and resource needs for incorpora-  
19 tion, as described in paragraph (1).

20 (b) CONSULTATION.—In preparing the report under  
21 subsection (a), the Secretary shall consult with the Work-  
22 force Information Advisory Council and consider input ob-  
23 tained through the activities required under title I.

24 (c) SUBMISSION.—The Secretary shall submit the re-  
25 port to the Committee on Health, Education, Labor, and

1 Pensions of the Senate and the Committee on Education  
2 and Workforce of the House of Representatives.

3 (d) PUBLICATION.—Not later than 30 days after sub-  
4 mitting the report under subsection (c), the Secretary  
5 shall make the report available on a publicly accessible  
6 website of the Department of Labor, in a machine-read-  
7 able and accessible format.

8 (e) AUTHORIZATION OF APPROPRIATIONS.—There is  
9 authorized to be appropriated to the Secretary to carry  
10 out this section \$500,000 for the period of fiscal years  
11 2026 through 2030.

12 **SEC. 402. STUDY ON RAPID ARTIFICIAL INTELLIGENCE AD-**  
13 **JUSTMENT ASSISTANCE PROGRAM.**

14 (a) STUDY.—

15 (1) IN GENERAL.—Not later than 12 months  
16 after the date of enactment of this Act, the Sec-  
17 retary shall, directly or by grant, provide for a study  
18 on potential design options and challenges for a  
19 Rapid AI Adjustment Assistance Program to help  
20 workers dislocated or job-seekers impacted by artifi-  
21 cial intelligence (referred to in this section as an  
22 “impacted worker”).

23 (2) COMPONENTS.—The Secretary, directly or  
24 indirectly, shall, in carrying out the study—

10 (i) how to rapidly and reliably deter-  
11 mine who should qualify as an impacted  
12 worker due to artificial intelligence for pur-  
13 poses of receiving rapid artificial intel-  
14 ligence adjustment assistance, including  
15 questions regarding—

16 (I) which data would be highly  
17 valuable for determining eligibility;

18 (II) what regulatory barriers  
19 exist to collecting or analyzing val-  
20 able data;

(III) what thresholds of evidence would be appropriate for those determinations;

24 (IV) how could the Department  
25 of Labor use artificial intelligence to

1 support adjudication of approval of  
2 petitions described in subclause (VI)  
3 or related decisions;

4 (V) whether a tiered approval  
5 process involving preliminary approval  
6 would be appropriate; and

7 (VI) whether the process should  
8 be structured as a petition-based sys-  
9 tem, and if so, should the Department  
10 of Labor evaluate petitions at the in-  
11 dividual, group, or other levels;

12 (ii) the anticipated positive and nega-  
13 tive effects of different forms of adjust-  
14 ment assistance, including credits for re-  
15 training or education, as well as how to  
16 support such individuals' transitions to al-  
17 ternative employment that is unlikely to  
18 face similar dislocation in the near future;

19 (iii) the compatibility of a program  
20 described in paragraph (1) with existing  
21 laws and regulatory barriers to effective  
22 program execution;

23 (iv) how the program could support  
24 evidence collection and incorporate ongoing  
25 performance evaluation, including through

1 use of pilot programs with randomized as-  
2 signment or other experimental methods  
3 where appropriate;

4 (v) how much would the overall pro-  
5 gram cost under different design choices;

6 (vi) how the program could support  
7 effective collaboration between labor orga-  
8 nizations, workforce development agencies,  
9 and educational institutions to meet im-  
10 pacted workers' needs; and

11 (vii) other questions determined to be  
12 appropriate by the Secretary.

13 (b) PUBLICATION.—The Secretary shall ensure that,  
14 not later than 2 years after the date of enactment of this  
15 Act, the study shall be completed and the results of the  
16 study shall be published on a publicly accessible website  
17 of the Department of Labor.

18 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
19 authorized to be appropriated to the Secretary to carry  
20 out this section \$1,000,000 for the period of fiscal years  
21 2026 through 2030.

22 SEC. 403. UPDATE OF STATE IN-DEMAND INDUSTRY SEC-  
23 TOR AND OCCUPATION LISTS.

24 (a) REQUIREMENT.—Beginning not later than 1 year  
25 after the date of enactment of this Act and for the subse-

1 quent 4 years, each State that, and local board for a local  
2 area that, receives funds under subtitle B of title I of the  
3 Workforce Innovation and Opportunity Act (29 U.S.C.  
4 3151 et seq.) shall, consider the information or forecasts  
5 produced under title III when updating its lists of in-de-  
6 mand industry sectors and occupations, as defined in sec-  
7 tion 3 of the Workforce Innovation and Opportunity Act  
8 (29 U.S.C. 3102).

9 (b) TECHNICAL ASSISTANCE.—The Secretary shall  
10 provide States with compilations of resources, information  
11 on harmonization of data, and other guidance as appro-  
12 priate to facilitate the incorporation of forecasts as de-  
13 scribed in subsection (a).

14 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
15 authorized to be appropriated to the Secretary to carry  
16 out this section \$3,000,000 for the period of fiscal years  
17 2026 through 2030.

18 **SEC. 404. DATA ELEMENTS AND PRODUCTION.**

19 (a) DATA ELEMENTS.—

20 (1) CONSULTATION FOR IDENTIFICATION.—The  
21 Secretary shall identify data elements for the report-  
22 ing of data relevant to data collection and reporting  
23 under this Act. The Secretary shall consult with  
24 States, local workforce development boards, private  
25 employers, and other entities selected by the Sec-

1       retary to identify data elements pertaining to the  
2       workforce, job vacancies, hiring, earnings, education,  
3       skills, and any other aspects of that implementation  
4       that are selected by the Secretary.

5                   (2) REPORTING ON DATA ELEMENTS.—Not  
6       later than 12 months after the date of enactment of  
7       this Act, the Secretary shall submit a report to the  
8       Committee on Health, Education, Labor, and Pen-  
9       sions of the Senate and the Committee on Education  
10      and Workforce of the House of Representatives de-  
11      tailing how the data on data elements described in  
12      paragraph (1) could be—

13                   (A) reported in a standardized manner;  
14                   (B) collected in a secure repository; and  
15                   (C) made accessible to researchers.

16                   (b) DATA PRODUCTION.—The Secretary, in coordina-  
17      tion with the National Science Foundation and other rel-  
18      evant Federal agencies, shall lead a voluntary and, when  
19      feasible, consensus-driven effort—

20                   (1) to develop Federal standards, and facilitate  
21      the development of State and local standards, for  
22      the production, including collection and reporting,  
23      under this Act of trusted data that relates to artifi-  
24      cial intelligence; and

4 (c) AUTHORIZATION OF APPROPRIATIONS.—There is  
5 authorized to be appropriated to the Secretary to carry  
6 out this section \$3,000,000 for the period of fiscal years  
7 2026 through 2030.