

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.

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

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

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

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

(ii) cost-effective methods for collecting valid, timely, and reliable data, developing tools, or otherwise implementing this Act;

(B) cost-effective reforms to increase researchers' access to data from the Bureau of the Census, the Bureau of Labor Statistics, and other Federal agencies, including researcher access to data at the individual unit or record level, in a manner that is secure and protects the privacy of persons with information contained in the data, including requiring researcher 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.

1 (4) POSTING.—Not later than 120 days after
2 the date of enactment of this Act, the Secretary
3 shall make available, on a publicly accessible website
4 of the Department of Labor, the comments received
5 in response to the request described in paragraph
6 (1).

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;

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

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

6 (V) other experts as the Sec-
7 retary determines appropriate;

8 (ii) as representatives of entities that
9 will be significantly affected by the imple-
10 mentation of this Act—

11 (I) a representative of the—

12 (aa) Census Bureau;

13 (bb) Office of Science and
14 Technology Policy;

15 (cc) Council of Economic
16 Advisers;

17 (dd) Center for AI Stand-
18 ards and Innovation; and

19 (ee) Bureau of Economic
20 Analysis;

21 (II) representatives of labor orga-
22 nizations; and

23 (III) State and Federal entities
24 that award or receive grants, includ-
25 ing 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-

scribed in subparagraph (B). The topics discussed at the workshop shall include the topics described in subsection (a)(3).

(E) CRITICAL EVALUATION.—The workshop shall feature at least one exercise to critically evaluate the analytical assumptions of the Bureau of Labor Statistics regarding the impact of artificial intelligence on the workforce.

(F) VALUE OF INFORMATION.—The workshop participants shall seek to quantify or rank the expected value of information to be gained through proposals for data collection, tool development, or other policy reforms.

(G) REPORT.—

(i) CONTENTS.—Not later than 45 days after the end of the workshop, the Secretary shall prepare and submit to Congress a report that—

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

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

1 similar authorities within 2 years and
2 that, if produced, would provide the
3 highest value of valid and reliable in-
4 formation at a reasonable cost, based
5 on the Secretary's evaluation of the
6 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).

8 (C) EXCEPTED SERVICE.—The term “ex-
9 cepted service” has the meaning given the term
10 in section 2103 of title 5, United States Code.

11 (2) AUTHORITY.—The Secretary may, in ac-
12 cordance with the requirements of this section, ap-
13 point a covered individual (without regard to wheth-
14 er the covered individual occupies a position in the
15 competitive service on the day before that appoint-
16 ment) to a position as an employee in the excepted
17 service in the Department of Labor.

18 (c) COMPENSATION.—

19 (1) BASIC PAY.—The Secretary may, without
20 regard to any provision of title 5, United States
21 Code, set the rate of basic pay for a covered indi-
22 vidual appointed under subsection (b) at any rate
23 that is not greater than the rate of basic pay for
24 step 10 of grade 15 of the General Schedule.

1 (2) INCENTIVES AND AWARDS.—In addition to
2 the authority of the Secretary under paragraph (1),
3 the Secretary may, without regard to any provision
4 of title 5, United States Code, provide recruitment,
5 relocation, and retention incentives and performance
6 awards in such amounts, at such times, in such
7 manner (including in lump-sum or installment pay-
8 ments), and subject to such conditions as the Sec-
9 retary considers appropriate to recruit covered indi-
10 vidual to positions described in subsection (b) and
11 retain and reward covered individuals who are ap-
12 pointed under that subsection.

13 (3) AGGREGATE LIMITATION.—Notwithstanding
14 section 5307 of title 5, United States Code, the ag-
15 gregate amount paid to an employee appointed
16 under subsection (b) in any calendar year for basic
17 pay, locality-based comparability payments under
18 section 5304 or 5304a of that title, and incentives
19 and awards under paragraph (2) of this subsection
20 may not exceed the total annual compensation pay-
21 able to the Vice President under section 104 of title
22 3, United States Code, as of the end of that cal-
23 endar year.

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-

pose of providing, or conducting research on, training programs, or for conducting research on employment impacts, including any such amount made available for the Employment and Training Administration or the Bureau of Labor Statistics, to carry out this section.

(2) PROHIBITION ON ADDITIONAL APPROPRIATIONS.—No additional amounts are authorized to be appropriated to carry out this section.

(e) NONAPPLICATION OF REQUIREMENTS.—The requirements of this section shall not apply beginning on the date that is 4 years after the date of enactment of this Act.

SEC. 104. MODERNIZING ACCESS TO ARTIFICIAL INTELLIGENCE-RELATED LABOR MARKET DATA.

(a) JOB-TO-JOB DATA PILOT PROJECT.—

(1) PURPOSE.—The purpose of this section is to produce a recurring statistical series on flows of workers between occupations, with a focus on occupations impacted by artificial intelligence, including those occupations that may experience significant increased or decreased demand for workers or changes in the skills required by workers, to inform policymaking such as policymaking related to training programs and adjustment assistance.

1 (2) STATISTICAL SERIES.—Except as provided
 2 in paragraph (6), the Secretary of Commerce, acting
 3 through the Director of the Census Bureau (in this
 4 section referred to as the “Director”), in consulta-
 5 tion with the Secretary of Labor and the Chief Stat-
 6 istician of the United States, shall carry out a pilot
 7 project that produces a statistical series that pro-
 8 vides a sample of job-to-job flows for occupations
 9 designated under paragraph (3), similar to the flows
 10 shown by the J2J Explorer tool of the Bureau of the
 11 Census, at a more detailed Standard Occupational
 12 Classification code level or according to a similar oc-
 13 cupation code scheme as determined under para-
 14 graph (3).

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

code level, or according to a similar occupation code scheme if the Secretary of Labor determines that designation in accordance with that scheme would be more feasible or valuable, for which the Secretary of Labor determines that it would be highly valuable to collect and provide occupation transitional data, to better understand the impact of artificial intelligence on occupations, including occupations that may experience demand or changes described in paragraph (1) (including related economic outcomes) for the pilot project.

(B) FACTORS FOR DESIGNATION.—In making the designation under subparagraph (A), the Secretary of Labor shall consider factors such as the potential degree of worker dislocation or shortage driven by artificial intelligence for an occupation, the information value in evaluating analytical assumptions regarding the impact of artificial intelligence on the workforce in the occupation, the feasibility of collecting data on occupational transitions, and the insufficiency of related existing (as of the date of the designation) data or research for the occupation.

1 (4) METHODS AND SOURCES.—In producing the
2 series, the Director may use any data sources (rep-
3 resenting diverse industries and geographic areas)
4 that are lawfully available and appropriate statistical
5 methods, including—

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.

15 (5) TIMELINE AND FREQUENCY.—The Director
16 shall publish the first statistical series described in
17 paragraph (2) for a quarter not later than 18
18 months after the date of enactment of this Act. The
19 Director shall provide for a subsequent statistical se-
20 ries for at least 1 quarter for each fiscal year there-
21 after.

22 (6) EXCEPTION.—If the Director, in consulta-
23 tion with the Chief Statistician of the United States
24 and the Secretary of Labor and after reviewing
25 input gathered under section 101, determines that

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 rying 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.

1 (3) CATEGORY SELECTION.—In selecting the
2 categories under paragraph (2), the Director shall
3 consider—

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 submis-
13 sions for a category;

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

21 (E) other factors determined appropriate
22 by the Director, taking into account input gath-
23 ered 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).

3 (5) EVALUATION CONSIDERATIONS.—In devel-
4 oping the evaluation criteria for the benchmarks or
5 similar methods submitted for prize competitions
6 under subsection (a), the Director shall, to the ex-
7 tent practicable, seek to avoid or mitigate common
8 problems affecting the value and feasibility of artifi-
9 cial intelligence benchmarks, including—

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
 11 grant and cooperative agreement activities under sub-
 12 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 ADOPTI-**
 18 **ON 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 descrip-
 2 tion of the data sources, the methodology used,
 3 and an assessment of the limitation of the data,
 4 including any known gaps in coverage or poten-
 5 tial for bias; and

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

8 (2) STATISTICAL METHODOLOGY.—In estab-
 9 lishing the program under subsection (a), the Sec-
 10 retary shall—

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 miti-
 20 gate selection bias in the data received.

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—

1 (A) an entity that builds, designs, codes,
 2 produces, trains, or owns artificial intelligence
 3 for internal use or for use by a third party; and

4 (B) does not include an entity that is sole-
 5 ly a deployer of the artificial intelligence.

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;

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

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

6 (d) SCOPE.—

7 (1) IN GENERAL.—Notwithstanding section 3,
8 for purposes of the questions described in subsection
9 (a), the Secretary of Commerce, or the Secretary of
10 Labor, as either such Secretary determines appro-
11 priate for the purposes of this Act, may narrow the
12 scope of artificial intelligence covered by such ques-
13 tions, such as by limiting the scope of such term to
14 language models or by excluding from such term
15 forms of artificial intelligence that do not represent
16 the frontier of development or adoption of artificial
17 intelligence.

18 (2) CONSULTATION.—In developing the ques-
19 tions and improvements required by subsection (a),
20 the Secretary of Commerce and the Secretary of
21 Labor shall consult with each other regarding the
22 scope of the term “artificial intelligence” used in
23 such questions and, as appropriate and feasible, fa-
24 cilitate consistency.

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

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

(i) form a range from the 20th to 80th percentile of forecast projected employment for the occupation, consistent with paragraph (3); or

(ii) be for another range of forecasts for the projected employment for the occupation, including ranges expressed as percentage growth or decline in employment in the occupation, if the assigned entity requests to use such other range and the Secretary approves such other range, based on considerations including—

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

(II) the added difficulty of comparing new and past forecasts for performance evaluation (if applicable); and

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

(B) PUBLIC REPORT REGARDING OTHER 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 distortion; and
5

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 interval
16 forecast under paragraph (1), such as the
17 head of the Artificial Intelligence Workforce Research
18 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 Initia-
 6 tive, or successor guidelines, applicable to mate-
 7 rials posted on a website.

8 (d) IMPLEMENTATION REPORT.—

9 (1) IN GENERAL.—Not later than 4 years after
 10 the date of enactment of this Act, the Secretary
 11 shall publish a public report on the implementation
 12 of this section.

13 (2) CONTENTS.—The report under this sub-
 14 section shall include—

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—

1 (1) shall have registered to participate in the
2 prize competition under any rules promulgated by
3 the Director;

4 (2) shall have complied with all the require-
5 ments under this section;

6 (3) in the case of a private entity, shall be in-
7 corporated in and maintain a primary place of busi-
8 ness in the United States, and in the case of an in-
9 dividual, whether participating singly or in a group,
10 shall be a citizen or permanent resident of the
11 United States; and

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 valu-
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.);

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

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

7 (2) identifies statutory or regulatory barriers, if
8 any, to using such data, benchmarks, and fore-
9 casting tools in selecting grant recipients for and
10 measuring results of the programs described in para-
11 graph (1);

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—

1 (A) draw on the data and forecasts devel-
2 oped pursuant to this Act, as well as lessons
3 from the program of trade adjustment assist-
4 ance under chapter 2 of title II of the Trade
5 Act of 1974 (19 U.S.C. 2271 et seq.) and other
6 examples of adjustment assistance programs as
7 appropriate; and

8 (B) examine and propose answers to ques-
9 tions such as—

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 valu-
20 able data;

21 (III) what thresholds of evidence
22 would be appropriate for those deter-
23 minations;

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

1 (2) to support voluntary, consistent implemen-
2 tation and use of the standards at all appropriate
3 levels of government.

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.

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