

119TH CONGRESS
2D SESSION

S. _____

To authorize certain labor market data collection activities and to improve Federal measurement of the workforce impacts of artificial intelligence, and for other purposes.

IN THE SENATE OF THE UNITED STATES

Mr. KELLY (for himself, Mr. BANKS, and Mr. YOUNG) introduced the following bill; which was read twice and referred to the Committee on

A BILL

To authorize certain labor market data collection activities and to improve Federal measurement of the workforce impacts of artificial intelligence, 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 “Artificial Intelligence
5 Data Authorization and Transparency Act” or the “AI
6 DATA Act”.

7 **SEC. 2. DEFINITIONS.**

8 (1) ARTIFICIAL INTELLIGENCE.—The term “ar-
9 tificial intelligence” has the meaning given the term

1 in section 5002 of the National Artificial Intelligence
2 Initiative Act of 2020 (15 U.S.C. 9401).

3 (2) BUSINESS TRENDS AND OUTLOOK SUR-
4 VEY.—The term “Business Trends and Outlook Sur-
5 vey” means the recurring survey conducted by the
6 Bureau of the Census to measure business condi-
7 tions and expectations across industries in the
8 United States.

9 (3) SECRETARY.—The term “Secretary” means
10 the Secretary of Labor.

11 **SEC. 3. LABOR MARKET FLOW DATA COLLECTION.**

12 Section 15(a) of the Wagner-Peyser Act (29 U.S.C.
13 491–2) is amended by adding at the end the following:

14 “(3) LABOR MARKET FLOW DATA.—

15 “(A) IN GENERAL.—In collecting the data
16 and information described in subparagraphs (A)
17 and (B) of paragraph (1), the Secretary shall
18 conduct a monthly recurring establishment sur-
19 vey regarding job openings, hiring, separations
20 (including due to workers quitting or being laid
21 off), and other measures of labor market turn-
22 over determined relevant by the Secretary.

23 “(B) DATA AND INFORMATION REQUIRE-
24 MENTS.—The data and information collected

1 for purposes for the survey under subparagraph
2 (A) shall—

3 “(i) be grouped based on industry, oc-
4 cupation, and geographic area; and

5 “(ii) be collected to an extent that
6 would be sufficient to assess changes in
7 labor demand associated with technological
8 change, including artificial intelligence and
9 automation.

10 “(C) PUBLICATION OF SURVEY.—The data
11 and information collected for purposes of the
12 survey under subparagraph (A) shall be dis-
13 seminated monthly through the nationwide
14 workforce and labor market information system
15 in accordance with paragraph (1)(G).”.

16 **SEC. 4. TIME-USE AND LABOR FORCE PARTICIPATION DATA**
17 **COLLECTION.**

18 Section 15(a) of the Wagner-Peyser Act (29 U.S.C.
19 491–2), as amended by section 3, is further amended by
20 adding at the end the following:

21 “(4) TIME-USE AND LABOR FORCE PARTICIPA-
22 TION DATA.—

23 “(A) IN GENERAL.—In collecting the data
24 and information described in subparagraphs (A)
25 and (B) of paragraph (1), the Secretary shall

1 conduct a recurring household survey to meas-
2 ure how individuals allocate time across work,
3 caregiving, household production, education,
4 and other activities determined relevant by the
5 Secretary.

6 “(B) DATA AND INFORMATION REQUIRE-
7 MENTS.—The survey under subparagraph (A)
8 shall include measures sufficient to evaluate the
9 use of digital tools and emerging technologies in
10 the workplace.

11 “(C) PUBLICATION OF SURVEY.—Using
12 the data and information collected for purposes
13 of the survey under subparagraph (A), the Sec-
14 retary shall annually disseminate, through the
15 nationwide workforce and labor market infor-
16 mation system in accordance with paragraph
17 (1)(G), data necessary to evaluate how techno-
18 logical change, including artificial intelligence,
19 affects work patterns and labor force participa-
20 tion.”.

21 **SEC. 5. LONGITUDINAL LABOR MARKET DATA COLLEC-**
22 **TION.**

23 Section 15(a) of the Wagner-Peyser Act (29 U.S.C.
24 491–2), as amended by section 4, is further amended by
25 adding at the end the following:

1 “(5) LONGITUDINAL LABOR MARKET DATA.—

2 “(A) IN GENERAL.—In collecting the data
3 and information described in subparagraphs (A)
4 and (B) of paragraph (1), the Secretary shall
5 conduct longitudinal surveys that follow individ-
6 uals over extended periods to assess employ-
7 ment, earnings, occupational mobility, edu-
8 cation, training, and related outcomes deter-
9 mined relevant by the Secretary and publicly re-
10 port on such surveys annually.

11 “(B) FREQUENCY OF COHORTS.—In car-
12 rying out subparagraph (A), the Secretary shall
13 initiate new survey cohorts every 10 years to
14 maintain representative and contemporary data.

15 “(C) DATA AND INFORMATION REQUIRE-
16 MENTS.—The surveys under subparagraph (A)
17 shall include measures sufficient to evaluate the
18 long-term effects of technological change, in-
19 cluding artificial intelligence, on earnings, job
20 stability, retraining, and economic mobility.”.

21 **SEC. 6. ARTIFICIAL INTELLIGENCE WORKFORCE REPORT-**
22 **ING THROUGH THE BUSINESS TRENDS AND**
23 **OUTLOOK SURVEY.**

24 (a) IN GENERAL.—The Director of the Census (in
25 this section referred to as the “Director”), in coordination

1 with the Secretary and the Commissioner of Labor Statis-
2 ties, shall incorporate into the Business Trends and Out-
3 look Survey questions and analysis necessary to assess the
4 adoption of artificial intelligence and related technologies,
5 and the impact on the workforce of such adoption.

6 (b) SCOPE.—In carrying out subsection (a), the Di-
7 rector shall collect data regarding—

8 (1) the adoption and use of artificial intel-
9 ligence and related technologies across industries;
10 and

11 (2) changes in hiring, separations, job openings,
12 occupational demand, and business operations asso-
13 ciated with such technologies.

14 (c) PUBLICATION.—The Director shall publish the
15 data collected under subsection (a) on a quarterly basis.

16 (d) SUNSET.—The authority under this section shall
17 terminate on the date that is 10 years after the date of
18 enactment of this Act.

19 **SEC. 7. REPORT ON THE IMPACT OF ARTIFICIAL INTEL-**
20 **LIGENCE ON THE WORKFORCE.**

21 (a) IN GENERAL.—The Secretary of Labor and the
22 Secretary of Commerce shall publish an annual report as-
23 sessing the impact of artificial intelligence and related
24 technologies on the workforce of the United States.

1 (b) DATA INTEGRATION.—In producing the report
2 required under subsection (a), the Secretary of Labor and
3 the Secretary of Commerce shall, to the extent practicable,
4 overlay—

5 (1) industry-level data collected through the
6 Business Trends and Outlook Survey collected by
7 the Director of the Census;

8 (2) labor market flow, time-use, longitudinal,
9 and projection data and any other relevant data col-
10 lected by the Bureau of Labor Statistics; and

11 (3) other relevant Federal data necessary to
12 evaluate workforce impacts by industry and occupa-
13 tion.

14 (c) CONTENTS.—The report under subsection (a)
15 shall include analysis of—

16 (1) changes in hiring, separations, job openings,
17 and occupational demand associated with artificial
18 intelligence and related technologies;

19 (2) industry-level impacts on employment and
20 skill needs;

21 (3) broader workforce effects, including impacts
22 on earnings, job mobility, and training patterns; and

23 (4) any other analysis the Secretary of Labor
24 and the Secretary of Commerce determines nec-
25 essary to understand the scope and impact of artifi-

1 cial intelligence and related technologies on the labor
2 market.

3 (d) SUNSET.—The authority under this section shall
4 terminate on the date that is 10 years after the date of
5 enactment of this Act.

6 **SEC. 8. AUTHORIZATION OF APPROPRIATIONS.**

7 There is authorized to be appropriated such sums as
8 may be necessary to carry out this Act.