

118TH CONGRESS  
1ST SESSION

# S. 2677

To improve certain programs of the Small Business Administration to better assist small business customers in accessing broadband technology, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

JULY 27, 2023

Mrs. SHAHEEN (for herself, Mr. KENNEDY, Mr. MARKEY, Mr. RISCH, and Ms. HIRONO) introduced the following bill; which was read twice and referred to the Committee on Small Business and Entrepreneurship

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## A BILL

To improve certain programs of the Small Business Administration to better assist small business customers in accessing broadband technology, 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 “Small Business  
5 Broadband and Emerging Information Technology En-  
6 hancement Act of 2023”.

1 **SEC. 2. BROADBAND AND EMERGING INFORMATION TECH-**  
 2 **NOLOGY COORDINATOR.**

3 The Small Business Act (15 U.S.C. 631 et seq.) is  
 4 amended—

5 (1) by redesignating section 49 (15 U.S.C. 631  
 6 note) as section 50; and

7 (2) by inserting after section 48 (15 U.S.C.  
 8 657u) the following:

9 **“SEC. 49. BROADBAND AND EMERGING INFORMATION**  
 10 **TECHNOLOGY.**

11 “(a) DEFINITIONS.—In this section—

12 “(1) the term ‘Associate Administrator’ means  
 13 the Associate Administrator for the Office of Invest-  
 14 ment and Innovation;

15 “(2) the term ‘broadband’ means—

16 “(A) high-speed wired broadband internet;  
 17 and

18 “(B) high-speed wireless internet;

19 “(3) the term ‘broadband and emerging infor-  
 20 mation technology coordinator’ means the employee  
 21 designated to carry out the broadband and emerging  
 22 information technology coordination responsibilities  
 23 of the Administration under subsection (b)(1); and

24 “(4) the term ‘emerging information tech-  
 25 nology’ includes—

1           “(A) data science technologies such as arti-  
2           ficial intelligence and machine learning;

3           “(B) Internet of Things;

4           “(C) distributed ledger technologies such  
5           as blockchain;

6           “(D) cloud computing and software as a  
7           system technologies;

8           “(E) computer numerical control tech-  
9           nologies such as 3D printing; and

10          “(F) robotics and automation.

11          “(b) ASSIGNMENT OF COORDINATOR.—

12           “(1) ASSIGNMENT OF COORDINATOR.—The As-  
13           sociate Administrator shall designate a senior em-  
14           ployee of the Office of Investment and Innovation to  
15           serve as the broadband and emerging information  
16           technology coordinator, who—

17           “(A) shall report to the Associate Adminis-  
18           trator;

19           “(B) shall work in coordination with—

20           “(i) the chief information officer, the  
21           chief technology officer, and the head of  
22           the Office of Technology of the Adminis-  
23           tration; and

24           “(ii) any other Associate Adminis-  
25           trator of the Administration determined

1           appropriate by the Associate Adminis-  
2           trator;

3           “(C) has experience developing and imple-  
4           menting telecommunications policy in the pri-  
5           vate sector or government; and

6           “(D) has demonstrated significant experi-  
7           ence in the area of broadband or emerging in-  
8           formation technology.

9           “(2) RESPONSIBILITIES OF COORDINATOR.—

10          The broadband and emerging information technology  
11          coordinator shall—

12                 “(A) coordinate programs of the Adminis-  
13                 tration that assist small business concerns in  
14                 adopting, making innovations in, and using  
15                 broadband and other emerging information  
16                 technologies;

17                 “(B) serve as the primary liaison of the  
18                 Administration to other Federal agencies in-  
19                 volved in broadband and emerging information  
20                 technology policy, including the Department of  
21                 Commerce, the Department of Agriculture, the  
22                 Department of the Treasury, and the Federal  
23                 Communications Commission;

24                 “(C) identify best practices relating to  
25                 broadband and emerging information tech-

1 nology that may benefit small business con-  
2 cerns; and

3 “(D) identify and catalog tools and train-  
4 ing available through the resource partners of  
5 the Administration that assist small business  
6 concerns in adopting, making innovations in,  
7 and using broadband and emerging information  
8 technologies.

9 “(3) TRAVEL.—Not more than 20 percent of  
10 the hours of service by the broadband and emerging  
11 information technology coordinator during any fiscal  
12 year shall consist of travel outside the United States  
13 to perform official duties.

14 “(c) BROADBAND AND EMERGING INFORMATION  
15 TECHNOLOGY TRAINING.—The broadband and emerging  
16 information technology coordinator shall provide to em-  
17 ployees of the Administration training that—

18 “(1) familiarizes employees of the Administra-  
19 tion with broadband and other emerging information  
20 technologies;

21 “(2) includes—

22 “(A) instruction on counseling small busi-  
23 ness concerns regarding adopting, making inno-  
24 vations in, and using broadband and other  
25 emerging information technologies; and

1           “(B) information on programs of the Fed-  
2           eral Government that provide assistance to  
3           small business concerns relating to broadband  
4           and emerging information technologies; and

5           “(3) to maximum extent practicable, uses the  
6           tools and training cataloged and identified under  
7           subsection (b)(2)(D).

8           “(d) REPORTS.—

9           “(1) BIENNIAL REPORT ON ACTIVITIES.—Not  
10          later than 2 years after the date on which the Asso-  
11          ciate Administrator makes the first designation of  
12          an employee under subsection (b), and every 2 years  
13          thereafter, the broadband and emerging information  
14          technology coordinator shall submit to the Com-  
15          mittee on Small Business and Entrepreneurship of  
16          the Senate and the Committee on Small Business of  
17          the House of Representatives a report regarding the  
18          programs and activities of the Administration relat-  
19          ing to broadband and other emerging information  
20          technologies.

21          “(2) IMPACT OF BROADBAND AVAILABILITY,  
22          SPEED, AND PRICE AND EMERGING INFORMATION  
23          TECHNOLOGY DEPLOYMENT ON SMALL BUSI-  
24          NESSES.—

1           “(A) IN GENERAL.—Subject to appropria-  
2           tions, the Chief Counsel for Advocacy shall con-  
3           duct a study evaluating the impact of—

4                   “(i) broadband availability, speed, and  
5                   price on small business concerns; and

6                   “(ii) emerging information technology  
7                   deployment on small business concerns.

8           “(B) REPORT.—Not later than 3 years  
9           after the date of enactment of the Small Busi-  
10          ness Broadband and Emerging Information  
11          Technology Enhancement Act of 2023, the  
12          Chief Counsel for Advocacy shall submit to the  
13          Committee on Commerce, Science, and Trans-  
14          portation and the Committee on Small Business  
15          and Entrepreneurship of the Senate and the  
16          Committee on Energy and Commerce and the  
17          Committee on Small Business of the House of  
18          Representatives a report on the results of the  
19          study under subparagraph (A), including—

20                   “(i) a survey of broadband speeds  
21                   available to small business concerns;

22                   “(ii) a survey of the cost of broadband  
23                   speeds available to small business con-  
24                   cerns;

1           “(iii) a survey of the type of  
2           broadband technology used by small busi-  
3           ness concerns;

4           “(iv) a survey of the types of emerg-  
5           ing information technologies used by small  
6           business concerns; and

7           “(v) any policy recommendations that  
8           may improve the access of small business  
9           concerns to broadband services or emerg-  
10          ing information technologies.”.

11 **SEC. 3. ENTREPRENEURIAL DEVELOPMENT.**

12          Section 21(c)(3)(B) of the Small Business Act (15  
13 U.S.C. 648(c)(3)(B)) is amended—

14           (1) in the matter preceding clause (i), by insert-  
15          ing “accessing broadband and other emerging infor-  
16          mation technology,” after “technology transfer,”;

17           (2) in clause (ii), by striking “and” at the end;

18           (3) in clause (iii), by adding “and” at the end;

19          and

20           (4) by adding at the end the following:

21           “(iv) increasing the competitiveness and  
22          productivity of small business concerns by as-  
23          sisting entrepreneurs in accessing broadband  
24          and other emerging information technology;”.

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