

AMENDMENT NO. _____ Calendar No. _____

Purpose: In the nature of a substitute.

IN THE SENATE OF THE UNITED STATES—118th Cong., 1st Sess.

S. 1560

To require the development of a comprehensive rural hospital cybersecurity workforce development strategy, and for other purposes.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended
to be proposed by Mr. HAWLEY (for himself and Mr.
PETERS)

Viz:

1 Strike all after the enacting clause and insert the fol-
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Rural Hospital Cyber-
5 security Enhancement Act”.

6 **SEC. 2. DEFINITIONS.**

7 In this Act:

8 (1) AGENCY.—The term “agency” has the
9 meaning given the term in section 551 of title 5,
10 United States Code.

1 (2) APPROPRIATE COMMITTEES OF CON-
2 GRESS.—The term “appropriate committees of Con-
3 gress” means—

4 (A) the Committee on Homeland Security
5 and Governmental Affairs of the Senate; and

6 (B) the Committee on Homeland Security
7 of the House of Representatives.

8 (3) DIRECTOR.—The term “Director” means
9 the Director of the Cybersecurity and Infrastructure
10 Security Agency.

11 (4) GEOGRAPHIC DIVISION.—The term “geo-
12 graphic division” means a geographic division that is
13 among the 9 geographic divisions determined by the
14 Bureau of the Census.

15 (5) RURAL HOSPITAL.—The term “rural hos-
16 pital” means a healthcare facility that—

17 (A) is located in a non-urbanized area, as
18 determined by the Bureau of the Census; and

19 (B) provides inpatient and outpatient
20 healthcare services, including primary care,
21 emergency care, and diagnostic services.

22 (6) SECRETARY.—The term “Secretary” means
23 the Secretary of Homeland Security.

1 **SEC. 3. RURAL HOSPITAL CYBERSECURITY WORKFORCE**
2 **DEVELOPMENT STRATEGY.**

3 (a) IN GENERAL.—Not later than 1 year after the
4 date of enactment of this Act, the Secretary, acting
5 through the Director, shall develop and transmit to the
6 appropriate committees of Congress a comprehensive rural
7 hospital cybersecurity workforce development strategy to
8 address the growing need for skilled cybersecurity profes-
9 sionals in rural hospitals.

10 (b) CONSULTATION.—

11 (1) AGENCIES.—In carrying out subsection (a),
12 the Secretary and Director may consult with the
13 Secretary of Health and Human Services, the Sec-
14 retary of Education, the Secretary of Labor, and
15 any other appropriate head of an agency.

16 (2) PROVIDERS.—In carrying out subsection
17 (a), the Secretary shall consult with not less than 2
18 representatives of rural healthcare providers from
19 each geographic division in the United States.

20 (c) CONSIDERATIONS.—The rural hospital cybersecu-
21 rity workforce development strategy developed under sub-
22 section (a) shall, at a minimum, consider the following
23 components:

24 (1) Partnerships between rural hospitals, non-
25 rural healthcare systems, educational institutions,
26 private sector entities, and nonprofit organizations

1 to develop, promote, and expand the rural hospital
2 cybersecurity workforce, including through education
3 and training programs tailored to the needs of rural
4 hospitals.

5 (2) The development of a cybersecurity cur-
6 riculum and teaching resources that focus on teach-
7 ing technical skills and abilities related to cybersecu-
8 rity in rural hospitals for use in community colleges,
9 vocational schools, and other educational institutions
10 located in rural areas.

11 (3) Identification of—

12 (A) cybersecurity workforce challenges that
13 are specific to rural hospitals, as well as chal-
14 lenges that are relative to hospitals generally;
15 and

16 (B) common practices to mitigate both sets
17 of challenges described in subparagraph (A).

18 (4) Recommendations for legislation, rule-
19 making, or guidance to implement the components
20 of the rural hospital cybersecurity workforce develop-
21 ment strategy.

22 (d) ANNUAL BRIEFING.—Not later than 60 days
23 after the date on which the first full fiscal year ends fol-
24 lowing the date on which the Secretary transmits the rural
25 hospital cybersecurity workforce development strategy de-

1 veloped under subsection (a), and not later than 60 days
2 after the date on which each fiscal year thereafter ends,
3 the Secretary shall provide a briefing to the appropriate
4 committees of Congress that includes, at a minimum, in-
5 formation relating to—

6 (1) updates to the rural hospital cybersecurity
7 workforce development strategy, as appropriate;

8 (2) any programs or initiatives established pur-
9 suant to the rural hospital cybersecurity workforce
10 development strategy, as well as the number of indi-
11 viduals trained or educated through such programs
12 or initiatives;

13 (3) additional recommendations for legislation,
14 rulemaking, or guidance to implement the compo-
15 nents of the rural hospital cybersecurity workforce
16 development strategy; and

17 (4) the effectiveness of the rural hospital cyber-
18 security workforce development strategy in address-
19 ing the need for skilled cybersecurity professionals in
20 rural hospitals.

21 **SEC. 4. INSTRUCTIONAL MATERIALS FOR RURAL HOS-**
22 **PITALS.**

23 (a) **IN GENERAL.**—Not later than 1 year after the
24 date of enactment of this Act, the Director shall make
25 available instructional materials for rural hospitals that

1 can be used to train staff on fundamental cybersecurity
2 efforts.

3 (b) DUTIES.—In carrying out subsection (a), the Di-
4 rector shall—

5 (1) consult with appropriate heads of agencies,
6 experts in cybersecurity education, and rural
7 healthcare experts;

8 (2) identify existing cybersecurity instructional
9 materials that can be adapted for use in rural hos-
10 pitals and create new materials as needed; and

11 (3) conduct an awareness campaign to promote
12 the materials available to rural hospitals developed
13 under subsection (a).