

118TH CONGRESS
1ST SESSION

S. 2399

To require the Assistant Secretary for Preparedness and Response to conduct risk assessments and implement strategic initiatives or activities to address threats to public health and national security due to technical advancements in artificial intelligence or other emerging technology fields.

IN THE SENATE OF THE UNITED STATES

JULY 19, 2023

Mr. MARKEY (for himself and Mr. BUDD) introduced the following bill; which was read twice and referred to the Committee on Health, Education, Labor, and Pensions

A BILL

To require the Assistant Secretary for Preparedness and Response to conduct risk assessments and implement strategic initiatives or activities to address threats to public health and national security due to technical advancements in artificial intelligence or other emerging technology fields.

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 and Biosecurity Risk Assessment Act”.

1 **SEC. 2. ASSESSMENT OF EMERGING RISKS OF ARTIFICIAL**
2 **INTELLIGENCE.**

3 Section 2811 of the Public Health Service Act (42
4 U.S.C. 300hh–10) is amended by adding at the end the
5 following:

6 “(h) ASSESSMENT OF EMERGING RISKS.—In car-
7 rying out subsection (b)(4)(I), the Assistant Secretary for
8 Preparedness and Response shall conduct risk assess-
9 ments and implement strategic initiatives or activities to
10 address whether technical advancements in artificial intel-
11 ligence, such as open-source artificial intelligence models
12 and large language models, can be used intentionally or
13 unintentionally to develop novel pathogens, viruses, bio-
14 weapons, or chemical weapons. Such initiatives and activi-
15 ties may include—

16 “(1) regularly monitoring and researching po-
17 tential global biological catastrophic risks in which
18 biological agents could lead to sudden, extraordinary
19 loss of life and sustained damage to national govern-
20 ments, international relationships, economies, soci-
21 etal stability, or global security; and

22 “(2) including in the National Health Security
23 Strategy under section 2802 a summary of the risk
24 assessment conducted under this subsection.”.

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