

119TH CONGRESS
1ST SESSION

S. 2353

To direct the Secretary of Health and Human Services, acting through the Commissioner of Food and Drugs, to conduct a study, and submit to Congress a report, on the human health impacts of exposure to microplastics in food and water.

IN THE SENATE OF THE UNITED STATES

JULY 17, 2025

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

A BILL

To direct the Secretary of Health and Human Services, acting through the Commissioner of Food and Drugs, to conduct a study, and submit to Congress a report, on the human health impacts of exposure to microplastics in food and water.

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 “Microplastics Safety
5 Act”.

1 **SEC. 2. FDA STUDY AND REPORT ON HUMAN HEALTH IM-**
2 **PACTS OF EXPOSURE TO MICROPLASTICS IN**
3 **FOOD AND WATER.**

4 (a) STUDY.—The Secretary of Health and Human
5 Services, acting through the Commissioner of Food and
6 Drugs (in this section referred to as the “Secretary”),
7 shall conduct a study on the human health impacts of ex-
8 posure to microplastics in food and water. The study
9 shall—

10 (1) identify the major pathways of human expo-
11 sure to microplastics;

12 (2) address the impact of such exposure on—

13 (A) children’s health;

14 (B) the endocrine system;

15 (C) cancer;

16 (D) chronic illness; and

17 (E) reproductive health; and

18 (3) address such other areas of importance as
19 the Secretary determines appropriate.

20 (b) REPORT.—Not later than 1 year after the date
21 of enactment of this Act, the Secretary shall submit to
22 Congress a report that describes—

23 (1) the findings and conclusions of the study
24 under subsection (a); and

- 1 (2) recommendations for legislative or adminis-
- 2 trative action to address the human health impacts
- 3 of exposure to microplastics in food and water.

