

**HOUSE . . . . . No. 3501**

---

**The Commonwealth of Massachusetts**

PRESENTED BY:

*Marjorie C. Decker*

*To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:*

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act relative to protecting public health and reducing health care costs.

PETITION OF:

| NAME:                              | DISTRICT/ADDRESS:     |
|------------------------------------|-----------------------|
| <i>Marjorie C. Decker</i>          | <i>25th Middlesex</i> |
| <i>Jennifer E. Benson</i>          | <i>37th Middlesex</i> |
| <i>Mindy Domb</i>                  | <i>3rd Hampshire</i>  |
| <i>Nika C. Elugardo</i>            | <i>15th Suffolk</i>   |
| <i>Carlos González</i>             | <i>10th Hampden</i>   |
| <i>James K. Hawkins</i>            | <i>2nd Bristol</i>    |
| <i>David Henry Argosky LeBoeuf</i> | <i>17th Worcester</i> |
| <i>Jon Santiago</i>                | <i>9th Suffolk</i>    |
| <i>José F. Tosado</i>              | <i>9th Hampden</i>    |
| <i>Tommy Vitolo</i>                | <i>15th Norfolk</i>   |

**HOUSE . . . . . No. 3501**

---

By Ms. Decker of Cambridge, a petition (accompanied by bill, House, No. 3501) of Marjorie C. Decker and others relative to the health impacts and costs of emissions associated with grid electricity and delivered fuels, and the benefits of energy conservation, energy efficiency and renewable energy. Public Health.

---

**The Commonwealth of Massachusetts**

\_\_\_\_\_  
**In the One Hundred and Ninety-First General Court  
(2019-2020)**  
\_\_\_\_\_

An Act relative to protecting public health and reducing health care costs.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1 SECTION 1. Chapter 111 of the General Laws, as appearing in the 2016 Official Edition,  
2 is hereby amended by inserting after section 23, the following new section:-

3 Section 23A. (a) The department, in order to protect public health and contain health care  
4 costs in the Commonwealth, shall create an assessment tool to quantify the health impacts and  
5 costs of emissions associated with grid electricity and delivered fuels, and the benefits of energy  
6 conservation, energy efficiency and renewable energy in the Commonwealth. The assessment  
7 tool shall separately quantify health impacts and costs of emissions to environmental justice  
8 populations, the MassHealth program, community hospitals, the state budget and public health.

9 In creating the assessment tool, the department shall draw upon relevant agency expertise  
10 and resources, including but not be limited to, the Center for Health Information and Analysis,  
11 the Executive Office of Health and Human Services and its MassHealth program, and the

12 Division of Energy Resources. In the design and operation of its assessment tool the department  
13 shall build upon existing health impacts assessment tools and analyses, including but not be  
14 limited to the health and health cost impacts used in the US Environmental Protection Agency's  
15 Clean Power Plan, and Co-Benefits Risk Assessment, as well as Health Care Without Harm's  
16 Healthcare Energy Impact Calculator. The assessment tool created by the department shall  
17 incorporate and analyze factors that have an impact on health, including but not be limited to,  
18 health impacts and costs due to particulate matter < 2.5 microns, sulfur oxides, nitrogen oxides,  
19 carbon, carbon dioxide, and mercury emissions from energy sources. The assessment tool  
20 created by the department shall generate a breakdown of how the analyzed factors will impact  
21 specific measures of health status, including but not be limited to, health impacts costs and  
22 savings from premature death, cardiovascular events or injury, chronic bronchitis, asthma,  
23 respiratory symptoms, hospital admissions, restricted activity days, lost school and work days,  
24 and developmental/neurological problems, or, as applicable, their avoided impacts and cost  
25 savings resulting from energy conservation, energy efficiency and renewable energy in the  
26 Commonwealth.

27 (b) The department shall update the tool every 3 years, or as needed, to maintain its  
28 accuracy. Beginning not later than 24 months after the effective date of this act, any new or  
29 revised policy, regulation, or program of the Commonwealth, or any ruling or adjudication by an  
30 agency of the Commonwealth that impacts polluting emissions, especially those for energy,  
31 buildings, transportation and waste, shall explicitly factor in the tool's output reflecting the  
32 action's health incidents, health costs or avoided impact's savings.

33 SECTION 2. Notwithstanding any general or special law to the contrary, not later than  
34 12 months after the effective date of this act, the Department of Public Health shall submit the

35 assessment tool, created pursuant to section 23A of chapter 111, and explanatory materials on its  
36 use to the Clerks of the Senate and the House, the Secretary of the Executive Office of Health  
37 and Human Services, and the Secretary of the Executive Office of Energy and Environmental  
38 Affairs.