

**SENATE . . . . . No. 1268**

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**The Commonwealth of Massachusetts**

PRESENTED BY:

***Karen E. Spilka***

*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 resolve:

Resolve creating a special commission to examine the health impacts of electromagnetic fields.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	
<i>Karen E. Spilka</i>	<i>Second Middlesex and Norfolk</i>	
<i>Jack Lewis</i>	<i>7th Middlesex</i>	<i>2/2/2017</i>
<i>James B. Eldridge</i>	<i>Middlesex and Worcester</i>	<i>2/2/2017</i>
<i>Kevin J. Kuros</i>	<i>8th Worcester</i>	<i>2/3/2017</i>
<i>Bruce E. Tarr</i>	<i>First Essex and Middlesex</i>	<i>2/15/2017</i>

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By Ms. Spilka, a petition (accompanied by resolve, Senate, No. 1268) of Karen E. Spilka, Jack Lewis, James B. Eldridge, Kevin J. Kuros and others for legislation to create a special commission to examine the health impacts of electromagnetic fields. Public Health.

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**The Commonwealth of Massachusetts**

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**In the One Hundred and Ninetieth General Court  
(2017-2018)**  
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Resolve creating a special commission to examine the health impacts of electromagnetic fields.

1           **Resolved**, There shall be a special commission on the health impacts of electromagnetic  
2 fields on the citizens of the Commonwealth. The commission shall be comprised of the house  
3 and senate chairs of the joint committee on public health as well as the ranking house and senate  
4 minority members on the committee; the house and senate chairs of the joint committee on  
5 telecommunication, utilities and energy and the ranking house and senate minority members; the  
6 commissioner of the department of public health or a designee; a scientist who is a specialist in  
7 environmental medicine and is knowledgeable about the health effects of electromagnetic fields  
8 who shall be appointed by the governor; a pediatrician who shall be appointed by the governor;  
9 three specialists in public health or environmental medicine, one each who shall be appointed by  
10 the governor, the senate president and the speaker of the house; a member of the Massachusetts  
11 Medical Society who is a specialist in environmental medicine who shall serve as chair; a  
12 member of the Massachusetts Board of Education; and a member of a Massachusetts school  
13 board or committee. No appointee shall have a financial interest in the telecommunications,  
14 technology, utility and energy industries.

15           The commission shall examine non-industry funded science for all facets of health  
16 impacts of electromagnetic fields from all sources, including but not limited to the use of cellular  
17 devices, utility smart meters, Wi-Fi, and the use of Wi-Fi in public facilities, including but not  
18 limited to public schools. The commission shall include in its report an investigation of the  
19 health impacts of electromagnetic fields, including but not limited to the effects on reproductive  
20 systems, brain function including memory loss, diminished learning, performance impairment in  
21 children, headaches and neurodegenerative conditions, melatonin suppression and sleep  
22 disorders, fatigue, hormonal imbalances, immune dysregulation such as allergic and  
23 inflammatory responses, cardiac and blood pressure problems, genotoxic effects like  
24 miscarriage, cancers such as childhood leukemia, and childhood and adult brain tumors. The  
25 commission shall study whether electromagnetic radiation exposure may have a disparate impact  
26 on potentially vulnerable subgroups including children, fetuses, pregnant women, the elderly and  
27 those with preexisting illnesses or impairments. The commission shall investigate whether  
28 children are more vulnerable to electromagnetic radiation due to their developing nervous  
29 systems or other physical characteristics.

30           The commission shall convene no later than 60 days following the enactment of this  
31 resolve. The commission shall file a report with the clerks of the house and senate no later than  
32 July 31, 2018. The commission shall make any necessary recommendations to the General Court  
33 on legislation designed to protect the health of the citizens of the Commonwealth including a  
34 recommendation on whether, within public schools, children's exposure to electromagnetic  
35 fields, including those from Wi-Fi, should be eliminated or reduced. The commission may also  
36 make recommendations on any other matter that may come before the commission that will  
37 enhance the protection of the public health.