

**SENATE . . . . . No. 1222**

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The Commonwealth of Massachusetts

PRESENTED BY:

***Karen E. Spilka, (BY REQUEST)***

*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 creating a special commission to study the health impacts of electromagnetic fields.

PETITION OF:

NAME:

*Cece Doucette*

DISTRICT/ADDRESS:

*31 Fatima Drive*

*Ashland, MA 01721*

**SENATE . . . . . No. 1222**

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By Ms. Spilka (by request), a petition (accompanied by bill, Senate, No. 1222) of Cece Doucette for legislation to create a special commission to study 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 Eighty-Ninth General Court  
(2015-2016)**  
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An Act creating a special commission to study the health impacts of electromagnetic fields.

*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. There shall be a special commission on the health impacts of  
2 electromagnetic fields on the citizens of the Commonwealth. The commission shall be comprised  
3 of the House and Senate Chairmen of the Joint Committee on Public Health as well as the  
4 ranking House and Senate minority members on the committee; the House and Senate Chairmen  
5 of the Joint Committee on Telecommunication, Utilities and Energy and the ranking House and  
6 Senate minority members; the Commissioner of the Department of Public Health or his designee;  
7 a scientist who is a specialist in environmental medicine and is knowledgeable about the health  
8 effects of electromagnetic fields who shall be appointed by the Governor; a pediatrician who  
9 shall be appointed by the Governor; three specialists in public health or environmental medicine,  
10 one each who shall be appointed by the Governor, the Senate President and the Speaker of the  
11 House; a member of the Massachusetts Medical Society who is a specialist in environmental  
12 medicine who shall serve as chair; a member of the Massachusetts Board of Education; and a  
13 member of a Massachusetts school board or committee.

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

28 The commission shall convene no later than 60 days following of the enactment of this  
29 bill. The commission shall file a report with the clerks of the House and Senate no later than July  
30 31, 2016. The commission shall make recommendations to the General Court on legislation  
31 designed to protect the health of the citizens of the Commonwealth including a recommendation  
32 on whether, within public schools, children's exposure to electromagnetic fields, including those  
33 from Wi-Fi, should be eliminated or reduced. The commission may also make recommendations  
34 on any other matter that may come before the commission that will enhance the protection of the  
35 public health.