

# STATE OF NEW YORK

---

5450

2017-2018 Regular Sessions

## IN ASSEMBLY

February 9, 2017

---

Introduced by M. of A. ENGLEBRIGHT -- read once and referred to the Committee on Health

AN ACT to amend the public health law, the environmental conservation law, the labor law and the education law, in relation to creating the environmental health tracking system

The People of the State of New York, represented in Senate and Assembly, do enact as follows:

1 Section 1. The public health law is amended by adding a new section  
2 804 to read as follows:

3 § 804. Environmental health tracking system. 1. The legislature finds  
4 and declares all of the following:

5 a. There currently exist several health and environmental databases  
6 maintained by the state. However, there is little or no coordination  
7 between the use and analysis of these data as they pertain to environ-  
8 mental health issues, or accessibility of this information by interested  
9 parties and researchers. In its fight against chronic diseases, includ-  
10 ing birth defects, that are related to the environment, the state must  
11 give communities and public health professionals solid, reliable infor-  
12 mation, which is the most basic tool with which to undertake the  
13 prevention of these diseases.

14 b. Analysis of available data used to track and monitor chronic  
15 diseases is critical to all of the following:

16 (1) knowing where and how to put in place the most effective strate-  
17 gies to prevent diseases;

18 (2) assessing the contribution of diseases to disabilities and prema-  
19 ture mortality;

20 (3) measuring the effectiveness of prevention strategies; and

21 (4) generating hypotheses that may lead to new scientific knowledge  
22 about the causes of, and most effective ways to fight, chronic diseases.

23 c. State government agencies, universities and their consultants are  
24 the appropriate and necessary institutions to examine whether or not,

EXPLANATION--Matter in italics (underscored) is new; matter in brackets  
[-] is old law to be omitted.

LBD00804-01-7

1 and, if so, the extent to which, past environmental exposures might  
2 increase the risk of chronic diseases, including, but not limited to,  
3 birth defects, diabetes, heart disease, thyroid disease, reproductive  
4 disorders, cancer, asthma and other respiratory conditions, Parkinson's  
5 disease, Alzheimer's disease, and other neurologically degenerative  
6 diseases.

7 d. The initial investment to establish the environmental health track-  
8 ing system, including an analysis infrastructure to develop preventive  
9 strategies, would constitute a small fraction of the annual costs of  
10 controlling chronic diseases in the state.

11 e. It is the intent of the legislature in creating the environmental  
12 health tracking system to form a public-private partnership to create an  
13 environmental health and tracking system to do all of the following:

14 (1) provide a continually updated database, with linkages to biomon-  
15 itoring information, information about exposures to other environmental  
16 agents, disease type data and other data collected pursuant to this  
17 section, as well as linkages to databases of the U.S. centers for  
18 disease control including those in its natural environmental public  
19 health tracking program and in its behavioral risk factors database, in  
20 order to assess the potential impact of environmental contaminants  
21 (defined as physical, chemical or biological agents) on the human body  
22 and to evaluate such in relation to established disease risk factors;

23 (2) on an ongoing basis, track and evaluate a variety of chronic  
24 diseases in relation to environmental exposures, including state, local  
25 and international data on actual incidences of chronic disease;

26 (3) make such data available to the public in an accessible and useful  
27 format; and

28 (4) ultimately provide such data to the relevant board, division, or  
29 office within the department, the department of environmental conserva-  
30 tion, the department of labor, the workers' compensation board, and the  
31 state university of New York schools of public health at Albany and  
32 Buffalo for the development of appropriate preventive strategies.

33 2. a. The environmental health tracking system is hereby established  
34 in the department. The purpose of such system shall be to monitor envi-  
35 ronmental exposures and chronic diseases affecting New Yorkers. The  
36 state university of New York schools of public health at Albany and  
37 Buffalo are directed to cooperate with the department in establishing  
38 the environmental health tracking system.

39 b. The objectives of the environmental health tracking system are as  
40 follows:

41 (1) to track and evaluate a variety of chronic diseases in relation to  
42 environmental exposures;

43 (2) to allow both government and university investigators, their  
44 consultants and public health officials to assess the impact of environ-  
45 mental contaminants on the human body; and

46 (3) to provide information to the department and to the department of  
47 environmental conservation for the development of appropriate preventive  
48 strategies.

49 c. To examine the relationships between chronic diseases and the envi-  
50 ronment, using, to the maximum extent possible, existing health and  
51 environmental data, the commissioner, based upon the recommendations of  
52 the working group required pursuant to this section, shall:

53 (1) on an ongoing basis, survey a cross section of the overall popu-  
54 lation in the state, including, to the extent possible, regional data to  
55 assess geographic variation, including chronically ill patients, and  
56 their environmental exposures;

(2) on a continuing and periodic basis, conduct science based biomonitoring, using CDC validated, analytical protocols and CDC's guidelines and practices for ethical treatment of and communications of information to participants in biomonitoring programs, for a cross section of the population, including, to the extent possible, regional data to assess geographic variation; and

(3) on an ongoing basis, link data created by such surveys and biomonitoring activities to other health and environmental databases, such as birth certificates, neonatal blood tests, records of hospital admissions, records of emergency room visits and mortality data.

3. On or before September first, two thousand seventeen, the department, in consultation with the department of environmental conservation, the department of labor, and the state university of New York schools of public health at Albany and Buffalo, shall create a working group of technical experts in public health, epidemiology, biostatistics, environmental medicine, risk analysis, exposure assessment, developmental biology, laboratory sciences, bioethics, and toxicology, including experts who have knowledge of the sensitivity and exposure of children, women of child-bearing age, seniors and disparately affected populations to environmental hazards, to do all the following:

a. develop possible approaches to implementing the environmental health tracking system, including an estimated cost and potential funding alternatives for each approach;

b. on or before September first, two thousand nineteen, prepare and submit a report to the department, the department of environmental conservation, the department of labor, the state university of New York schools of public health at Albany and Buffalo, the temporary president of the senate, the speaker of the assembly, the chairpersons of the senate and assembly environmental conservation committees, the chairpersons of the senate finance and assembly ways and means committees, and the chairpersons of the senate and assembly health committees on the possible approaches to implementing an environmental health tracking system for the state; and

c. determine the health and environmental criteria needed to examine the relationship between chronic diseases, including birth defects, and the environment.

4. The department and the state university of New York schools of public health at Albany and Buffalo and their consultants are directed to cooperate in creating the working group pursuant to subdivision three of this section.

5. On or before January first, two thousand twenty, the department shall adopt and implement the approach recommended by the working group that it determines most closely meets the findings and requirements of subdivision one of this section, after opportunity for independent, scientific peer review and public comment.

6. Nothing in this section shall be construed to supersede any confidentiality provisions of any law.

§ 2. The environmental conservation law is amended by adding a new section 3-0320 to read as follows:

§ 3-0320. Environmental health tracking system.

The department shall cooperate with state agencies, universities, and their consultants to provide all information and other relevant and necessary expertise to meet the requirements of section eight hundred four of the public health law.

§ 3. The labor law is amended by adding a new section 888 to read as follows:

1     § 888. Environmental health tracking system. The board shall cooperate  
2 with state agencies, universities, and their consultants to provide all  
3 information and other relevant and necessary expertise to meet the  
4 requirements of section eight hundred four of the public health law.

5     § 4. The education law is amended by adding a new section 355-d to  
6 read as follows:

7     § 355-d. State university of New York schools of public health at  
8 Albany and Buffalo and their consultants to participate in the creation  
9 of the environmental health tracking system working group. The state  
10 university of New York schools of public health at Albany and Buffalo  
11 and their consultants shall participate in the creation of the environ-  
12 mental health tracking system working group pursuant to section eight  
13 hundred four of the public health law.

14     § 5. This act shall take effect immediately.