

110TH CONGRESS  
1ST SESSION

# S. 2313

To amend the Public Health Service Act to enhance efforts to address antimicrobial resistance.

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## IN THE SENATE OF THE UNITED STATES

NOVEMBER 6, 2007

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

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## A BILL

To amend the Public Health Service Act to enhance efforts to address antimicrobial resistance.

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 “Strategies to Address  
5 Antimicrobial Resistance Act”.

6 **SEC. 2. FINDINGS.**

7 The Congress finds as follows:

8 (1) The advent of the antibiotic era has saved  
9 millions of lives and allowed for incredible medical  
10 progress; however, the increased use and overuse of

1 antimicrobial drugs have correlated with increased  
2 rates of antimicrobial resistance.

3 (2) Through mutation as well as other mecha-  
4 nisms, bacteria and other infectious disease-causing  
5 organisms—viruses, fungi, and parasites—develop  
6 resistance to antimicrobial drugs over time. The  
7 more antimicrobial drugs are used, whether appro-  
8 priately or inappropriately, the more this contributes  
9 to the development of antimicrobial resistance.

10 (3) Scientific evidence suggests that the source  
11 of antimicrobial resistance in humans is not just lim-  
12 ited to use of antimicrobial drugs in humans, but  
13 may in fact also be from food-producing animals  
14 which are exposed to antimicrobial drugs.

15 (4) A study estimates that in 2005 more than  
16 94,000 invasive methicillin-resistant *Staphylococcus*  
17 *aureus* (MRSA) infections occurred in the United  
18 States and more than 18,500 of these infections re-  
19 sulted in death.

20 (5) Each year, nearly 2,000,000 people contract  
21 bacterial infections in hospitals and approximately  
22 90,000 of these people die from these infections.

23 (6) The costs of antimicrobial-resistant bac-  
24 terial diseases are hard to quantify, but a 1995 re-  
25 port by the Office of Technology Assessment of and

1 agency of Congress, which looked at 6 different anti-  
 2 microbial-resistant strains of bacteria, calculated  
 3 that the minimum nationwide hospital costs of just  
 4 these strains of bacteria accounted for  
 5 \$1,300,000,000 annually in 1992 dollars  
 6 (\$1,870,000,000 in 2006 dollars).

7 (7) The cost to society of antimicrobial-resist-  
 8 ant infections will only rise as antimicrobial resist-  
 9 ance continues to spread.

10 **SEC. 3. ANTIMICROBIAL RESISTANCE TASK FORCE.**

11 (a) IN GENERAL.—Section 319E of the Public  
 12 Health Service Act (42 U.S.C. 247d–5) is amended—

13 (1) in subsection (a)—

14 (A) in the subsection heading, by striking  
 15 “TASK FORCE” and inserting the following:  
 16 “OFFICE OF ANTIMICROBIAL RESISTANCE,  
 17 TASK FORCE, AND ADVISORY BOARD”;

18 (B) in paragraph (1)—

19 (i) by striking “as of the date of the  
 20 enactment of this section” and inserting  
 21 “September 30, 2006”; and

22 (ii) by adding at the end the fol-  
 23 lowing: “The Secretary shall, not later  
 24 than 1 year after the date of enactment of  
 25 the Strategies to Address Antimicrobial

Resistance Act, establish an Office of Anti-microbial Resistance in the Office of the Secretary and appoint a director to that Office. The Secretary shall, not later than 1 year after the date of enactment of such Act, establish the Public Health Anti-microbial Advisory Board as an advisory board to the Director of the Office of Anti-microbial Resistance. The Director of the Office of Antimicrobial Resistance shall serve as the Director of the task force and supervise the activities of the Office, task force, and advisory board.”;

(C) by amending paragraph (2) to read as follows:

“(2) MEMBERS.—

“(A) MEMBERS OF THE ANTIMICROBIAL RESISTANCE TASK FORCE.—The task force described in paragraph (1) shall be composed of representatives of such Federal agencies as the Secretary determines necessary, including representation of the following:

“(i) The Office of Antimicrobial Resistance.

1 “(ii) The Assistant Secretary of Pre-  
2 paredness and Response.

3 “(iii) The Centers for Disease Control  
4 and Prevention.

5 “(iv) The Food and Drug Administra-  
6 tion.

7 “(v) The National Institutes of  
8 Health.

9 “(vi) The Agency for Healthcare Re-  
10 search and Quality.

11 “(vii) The Centers for Medicare &  
12 Medicaid Services.

13 “(viii) The Health Resources and  
14 Services Administration.

15 “(ix) The Department of Agriculture.

16 “(x) The Department of Education.

17 “(xi) The Department of Defense.

18 “(xii) The Department of Veterans  
19 Affairs.

20 “(xiii) The Environmental Protection  
21 Agency.

22 “(xiv) The Department of Homeland  
23 Security.

24 “(B) MEMBERS OF THE PUBLIC HEALTH  
25 ANTIMICROBIAL ADVISORY BOARD.—

“(i) IN GENERAL.—The Public Health Antimicrobial Advisory Board shall be composed of 13 voting members, appointed by the Secretary. Such members shall include experts from the medical professions (including hospital and community-based physicians), public health, veterinary, research, and international health communities.

“(ii) TERMS.—Each member appointed under clause (i) shall be appointed for a term of 3 years, except that of the 13 members first appointed—

“(I) 4 shall be appointed for a term of 12 months; and

“(II) 4 shall be appointed for a term of 2 years.

“(iii) CHAIR.—The Secretary shall appoint a Chair of the Public Health Antimicrobial Advisory Board from among its members to lead and supervise the activities of the advisory board.”;

(D) in paragraph (3)(B), by striking “in consultation with the task force described in paragraph (1) and” and inserting “acting

1 through the Director of the Office of Anti-  
2 microbial Resistance and the Director of the  
3 Centers for Disease Control and Prevention,  
4 and in consultation with”; and

5 (E) by amending paragraph (4) to read as  
6 follows:

7 “(4) MEETINGS AND DUTIES.—

8 “(A) OFFICE OF ANTIMICROBIAL RESIST-  
9 ANCE DUTIES.—The Director of the Office of  
10 Antimicrobial Resistance, working in conjunc-  
11 tion with the Federal agencies that are rep-  
12 resented on the task force described in para-  
13 graph (1), shall issue an update to the Public  
14 Health Action Plan to Combat Antimicrobial  
15 Resistance within 18 months of the establish-  
16 ment of the Office and biennial updates there-  
17 after. The updates shall include enhanced plans  
18 for addressing antimicrobial resistance in the  
19 United States and internationally. The Director  
20 of the Office shall post on a website these up-  
21 dates as well as summaries of all non-propri-  
22 etary data the Task Force makes available. The  
23 Director of the Office of Antimicrobial Resist-  
24 ance shall, as appropriate—

1 “(i) establish benchmarks for achiev-  
2 ing the goals set forth in the action plan;

3 “(ii) assess the ongoing, observed pat-  
4 terns of emergence of antimicrobial resist-  
5 ance, and their impact on clinical outcomes  
6 in terms of how patients feel, function, or  
7 survive;

8 “(iii) assess how antimicrobial prod-  
9 ucts are being used in humans, animals,  
10 and plants, and the impact of such use in  
11 furthering the development of resistance  
12 and the implications thereof for patient  
13 safety and public health;

14 “(iv) establish a priority list of human  
15 infectious diseases with the greatest need  
16 for development of new point-of-care and  
17 other diagnostics, antimicrobial drugs, and  
18 vaccines, and in particular serious and life-  
19 threatening bacterial diseases, for which  
20 there are few or no diagnostic or treatment  
21 options;

22 “(v) recommend basic, clinical, epide-  
23 miological, prevention, and translational  
24 research where additional federally sup-  
25 ported studies may be beneficial;



1 “(vi) recommend how to support anti-  
 2 microbial development through the Food  
 3 and Drug Administration’s Critical Path  
 4 Initiative;

5 “(vii) recommend how best to  
 6 strengthen and link antimicrobial resist-  
 7 ance-related surveillance and prevention  
 8 and control activities; and

9 “(viii) collaborate with the Assistant  
 10 Secretary for Preparedness and Response  
 11 to ensure that strategies to address anti-  
 12 microbial-resistance are coordinated with  
 13 initiatives aimed at Severe Acute Res-  
 14 piratory Syndrome, bioterrorism, and other  
 15 emerging health threats.

16 “(B) ANTIMICROBIAL RESISTANCE TASK  
 17 FORCE MEETINGS AND DUTIES.—

18 “(i) MEETINGS.—The Antimicrobial  
 19 Resistance Task Force shall convene peri-  
 20 odically as the Director of the Anti-  
 21 microbial Resistance Task Force deter-  
 22 mines to be appropriate, but not fewer  
 23 than twice a year, to consider issues relat-  
 24 ing to antimicrobial resistance.

1                   “(ii) PUBLIC HEALTH ACTION  
2 PLAN.—At least twice a year, the task  
3 force shall have a meeting to review, dis-  
4 cuss, and further develop the Public  
5 Health Action Plan to Combat Anti-  
6 microbial Resistance issued by the inter-  
7 agency task force on antimicrobial resist-  
8 ance in 2001. Among other issues, the task  
9 force may discuss and review, based on  
10 current need or concern—

11                   “(I) antimicrobial clinical suscep-  
12 tibility concentrations proposed, estab-  
13 lished, or updated by the Food and  
14 Drug Administration;

15                   “(II) data obtained by govern-  
16 ment agencies and, as possible, by pri-  
17 vate sources on emerging anti-  
18 microbial resistance related to clinical  
19 outcomes in terms of how patients  
20 function, feel, or survive as well as  
21 data related to how antimicrobial  
22 drugs may have been used inappropri-  
23 ately;

24                   “(III) surveillance data and pre-  
25 vention and control activities regard-

1 ing emerging antimicrobial resistance  
2 from reliable sources including the  
3 Centers for Disease Control and Pre-  
4 vention, the Food and Drug Adminis-  
5 tration, the Department of Defense,  
6 the Department of Veterans Affairs,  
7 the Department of Agriculture, the  
8 Environmental Protection Agency,  
9 and as feasible from private sources  
10 and international bodies;

11 “(IV) data on the amount of  
12 antimicrobial products used in hu-  
13 mans, animals, and plants from reli-  
14 able sources including data from the  
15 Centers for Disease Control and Pre-  
16 vention, the Food and Drug Adminis-  
17 tration, the Environmental Protection  
18 Agency, the Department of Veterans  
19 Affairs, the Centers for Medicare &  
20 Medicaid Services, the Department of  
21 Homeland Security, and the Depart-  
22 ment of Agriculture, and as feasible  
23 from private sources and international  
24 bodies;

1 “(V) reports of federally sup-  
2 ported antimicrobial resistance re-  
3 search and antimicrobial drug devel-  
4 opment research activities (including  
5 clinical, epidemiological, prevention,  
6 and translational research) obtained  
7 from Federal agencies, as well as re-  
8 ports of research sponsored by other  
9 countries, industry, and non-govern-  
10 mental organizations;

11 “(VI) reports on efforts by the  
12 Food and Drug Administration to de-  
13 velop policies and guidances which en-  
14 courage antimicrobial drug develop-  
15 ment and appropriate use while main-  
16 taining high standards for safety and  
17 effectiveness;

18 “(VII) health plan employer data  
19 and information set (HEDIS) meas-  
20 ures pertaining to appropriate use of  
21 antimicrobial drugs; and

22 “(VIII) other data and issues the  
23 task force identifies as relevant to the  
24 issue of antimicrobial resistance.

1           “(iii) PENDING APPLICATIONS.—The  
 2           Food and Drug Administration may con-  
 3           sult with the Director of the Office of  
 4           Antimicrobial Resistance concerning the  
 5           pending application of any antimicrobial  
 6           drug application submitted to the Sec-  
 7           retary under section 505 or 512 of the  
 8           Federal Food, Drug, and Cosmetic Act or  
 9           the Public Health Service Act.

10           “(C) PUBLIC HEALTH ANTIMICROBIAL AD-  
 11           VISORY BOARD MEETINGS AND DUTIES.—

12           “(i) MEETINGS.—The Public Health  
 13           Antimicrobial Advisory Board shall meet  
 14           as the Chair of the Public Health Anti-  
 15           microbial Advisory Board determines to be  
 16           appropriate, but not fewer than 2 times  
 17           each year.

18           “(ii) RECOMMENDATIONS.—The Pub-  
 19           lic Health Antimicrobial Advisory Board  
 20           shall make recommendations to the Sec-  
 21           retary, and the Office of Antimicrobial Re-  
 22           sistance, regarding—

23                   “(I) ways to encourage the avail-  
 24                   ability of an adequate supply of safe  
 25                   and effective antimicrobial products;

1 “(II) research priorities and  
2 other measures (such as antimicrobial  
3 drug resistance management plans) to  
4 enhance the safety and efficacy of  
5 antimicrobial products;

6 “(III) how best to implement and  
7 update the goals of the Public Health  
8 Action Plan to Combat Antimicrobial  
9 Resistance;

10 “(IV) incentives necessary to es-  
11 tablish uniform mechanisms and data  
12 sets for State reporting of resistance  
13 data;

14 “(V) the adequacy of existing  
15 surveillance systems to collect anti-  
16 microbial resistance data and how  
17 best to improve the collection, report-  
18 ing, and analysis of such data;

19 “(VI) the development of a na-  
20 tional plan for the collection and anal-  
21 ysis of isolates of resistant pathogens,  
22 including establishing priorities as to  
23 which isolates should be collected;

24 “(VII) the implementation and  
25 evaluation of interventions to promote

1 appropriate antimicrobial drug use in  
2 both inpatient and outpatient settings;  
3 and

4 “(VIII) areas for government,  
5 nongovernment, and international co-  
6 operation to strengthen implementa-  
7 tion of the Public Health Action Plan  
8 to Combat Antimicrobial Resistance.

9 “(D) AVAILABILITY OF INFORMATION.—

10 The Office of Antimicrobial Resistance shall en-  
11 sure that all information shall be made avail-  
12 able to the public on the website described in  
13 subparagraph (A) consistent with section 7 of  
14 the Strategies to Address Antimicrobial Resist-  
15 ance Act.”;

16 (2) by amending subsection (b) to read as fol-  
17 lows:

18 “(b) ANTIMICROBIAL RESISTANCE RESEARCH AND  
19 PRODUCT DEVELOPMENT.—The Secretary, acting  
20 through the Director of the Office of Antimicrobial Resist-  
21 ance, the Director of the Centers for Disease Control and  
22 Prevention, and the Director of the National Institutes of  
23 Health, and in consultation with other Federal agencies,  
24 shall develop an antimicrobial resistance strategic research  
25 plan that strengthens existing epidemiological, inter-

1 ventional, clinical, behavioral, translational, and basic re-  
2 search efforts to advance the understanding of—

3 “(1) the development, implementation, and effi-  
4 cacy of interventions to prevent and control the  
5 emergence and transmission of antimicrobial resist-  
6 ance;

7 “(2) how best to optimize antimicrobial effec-  
8 tiveness while limiting the emergence of resistance,  
9 including addressing issues related to duration of  
10 therapy, effectiveness of therapy in self-resolving dis-  
11 eases, and determining populations most likely to  
12 benefit from antimicrobial drugs;

13 “(3) the extent to which the use of anti-  
14 microbial products in humans, animals, plants, and  
15 other uses accelerates development and transmission  
16 of antimicrobial resistance;

17 “(4) the natural histories of infectious diseases  
18 (including defining the disease, diagnosis, severity,  
19 and the time course of illness);

20 “(5) the development of new therapeutics, in-  
21 cluding antimicrobial drugs, biologics, and devices  
22 against resistant pathogens, and in particular dis-  
23 eases for which few or no therapeutics are in devel-  
24 opment;



1           “(6) the development and testing of medical  
 2           diagnostics to identify patients with infectious dis-  
 3           ease and identify the exact cause of infectious dis-  
 4           eases syndromes, particularly with respect to the de-  
 5           tection of pathogens resistant to antimicrobial drugs;

6           “(7) the epidemiology, pathogenesis, mecha-  
 7           nisms, and genetics of antimicrobial resistance; and

8           “(8) the sequencing of the genomes, or other  
 9           DNA analysis, or other comparative analysis of pri-  
 10          ority pathogens (as determined by the advisory  
 11          board), in collaboration with the Department of De-  
 12          fense and the Joint Genome Institute of the Depart-  
 13          ment of Energy.”; and

14          (3) in subsection (c)—

15               (A) by inserting “acting through the Di-  
 16               rector of the Office of Antimicrobial Resist-  
 17               ance,” after “The Secretary,”; and

18               (B) by striking “members of the task force  
 19               described in subsection (a),”;

20          (4) in subsection (d)(1), by inserting “, through  
 21          the Office of Antimicrobial Resistance,” after “The  
 22          Secretary”; and

23          (5) in subsection (e)—

1 (A) in paragraph (1), by inserting “, act-  
 2 ing through the Director of the Office of Anti-  
 3 microbial Resistance,” after “The Secretary”;

4 (B) in paragraph (3), by inserting “, act-  
 5 ing through the Office of Antimicrobial Resist-  
 6 ance,” after “The Secretary”; and

7 (C) by adding at the end the following:

8 “(4) PREFERENCE IN MAKING AWARDS.—In  
 9 making awards under paragraph (1), the Secretary  
 10 shall give preference to eligible entities that will use  
 11 grant funds to establish demonstration projects to  
 12 assess the scope of the antimicrobial resistance prob-  
 13 lem and the level of appropriate and inappropriate  
 14 use of antimicrobial drugs especially related to acute  
 15 bacterial otitis media and upper respiratory infec-  
 16 tions, and in particular acute exacerbation of chronic  
 17 bronchitis, including the validation of models that  
 18 may lead to the development of quality measures for  
 19 health care providers prescribing antimicrobial  
 20 drugs.”.

21 (b) ENSURE ACCESS TO ANTIMICROBIAL DATA AND  
 22 RESEARCH.—The Director of the Office of Antimicrobial  
 23 Resistance shall work with the agencies represented on the  
 24 Antimicrobial Resistance Task Force to identify relevant  
 25 data and formats, and mechanisms for communicating

1 such data to the Office of Antimicrobial Resistance and  
2 the Antimicrobial Resistance Task Force, including rel-  
3 evant data obtained by the agencies through contracts  
4 with other organizations, including—

5           (1) use and clinical outcomes data on patients  
6           receiving antimicrobial drugs for the treatment, pre-  
7           vention, or diagnosis of infection or infectious dis-  
8           eases;

9           (2) surveillance data regarding emerging anti-  
10          microbial drug resistance;

11          (3) susceptibility data related to antimicrobial  
12          drug use;

13          (4) data related to the amount of antimicrobial  
14          products used in humans, animals, and plants;

15          (5) data from federally funded research in-  
16          tended to support antimicrobial drug development;

17          (6) data demonstrating the impact of research,  
18          surveillance, and prevention and control initiatives in  
19          understanding and controlling antimicrobial resist-  
20          ance; and

21          (7) data regarding implementation and evalua-  
22          tion of interventions to improve antimicrobial drug  
23          prescribing practices.

1 **SEC. 4. COLLECTION OF ANTIMICROBIAL DRUG DATA.**

2 (a) SUBMISSION OF HUMAN AND ANIMAL DRUG DIS-  
 3 TRIBUTION DATA.—Chapter V of the Federal Food, Drug,  
 4 and Cosmetic Act (21 U.S.C. 351 et seq.) is amended by  
 5 inserting after section 512 the following:

6 **“SEC. 512A. SUBMISSION OF HUMAN AND ANIMAL DRUG**  
 7 **DISTRIBUTION DATA.**

8 “(a) IN GENERAL.—Notwithstanding any other pro-  
 9 vision of law, the Secretary shall require that human drug  
 10 distribution data required to be submitted for each cal-  
 11 endar year under section 314.81(b)(ii) of title 21, Code  
 12 of Federal Regulations (or any successor regulation) and  
 13 the animal drug distribution data required to be submitted  
 14 for each such calendar year under section 514.80(b)(4)(i)  
 15 of title 21, Code of Federal Regulations (or any successor  
 16 regulation) be—

17 “(1) submitted not later than 60 days after the  
 18 beginning of the subsequent calendar year; and

19 “(2) made available to the Office of Anti-  
 20 microbial Resistance, the Antimicrobial Resistance  
 21 Task Force, and the Public Health Antimicrobial  
 22 Advisory Board.

23 “(b) CONFIDENTIALITY.—The Office of Anti-  
 24 microbial Resistance, the Antimicrobial Resistance Task  
 25 Force, and the Public Health Antimicrobial Advisory  
 26 Board shall sign a confidentiality agreement to protect

1 proprietary information made available under subsection  
2 (a)(2).”.

3 (b) COMPARABLE DATA.—

4 (1) IN GENERAL.—The Secretary, acting  
5 through the Director of the Office of Antimicrobial  
6 Resistance, shall explore opportunities to secure  
7 from private vendors reliable and comparable animal  
8 and human antimicrobial drug consumption data  
9 (volume antimicrobial distribution data and anti-  
10 microbial use, including prescription data) by State  
11 or metropolitan area, as necessary, to supplement  
12 the antimicrobial drug consumption data to be col-  
13 lected under this section for the purpose of dem-  
14 onstrating how the consumption of antimicrobial  
15 drugs for human and animal uses may affect the de-  
16 velopment of resistance over time and within geo-  
17 graphic locations and to institute preventive inter-  
18 ventions.

19 (2) NEGOTIATIONS.—The Director of the Office  
20 of Antimicrobial Resistance may enter into negotia-  
21 tions with private vendors to determine acceptable  
22 formats for making summaries of antimicrobial drug  
23 consumption data that is collected under this section  
24 publicly available for research purposes while main-

1       taining the confidentiality of any proprietary com-  
2       mercial data.

3               (3) OTHER MEANS TO SECURE DATA.—If the  
4       Director of the Office of Antimicrobial Resistance is  
5       not able to secure sufficient supplemental anti-  
6       microbial drug consumption data for human and  
7       animal uses through private vendors as provided for  
8       in this section, the Secretary shall consider other  
9       means to secure such consumption data, including  
10      through the conduct of surveys about how anti-  
11      microbial drugs are used in various settings and  
12      make such data available to the public consistent  
13      with section 7.

14      (c) COLLECTION OF ANTIMICROBIAL PRESCRIPTION  
15      DATA.—

16              (1) CLINICAL OUTCOMES DATA.—The Director  
17      of the Office of Antimicrobial Resistance shall work  
18      with the Under Secretary for Health of the Depart-  
19      ment of Veterans Affairs and the Administrator of  
20      the Centers for Medicare & Medicaid Services to col-  
21      lect relevant drug utilization data and clinical out-  
22      comes data, as determined relevant by the Director  
23      of the Office of Antimicrobial Resistance, on pa-  
24      tients who receive services funded by such agencies  
25      and who are receiving prescription antimicrobial

1 agents for the treatment, prevention, or diagnosis of  
2 infection or infectious diseases.

3 (2) ORGANIZATION.—Any data collected under  
4 paragraph (1) shall be organized by—

5 (A) indication (including results of diag-  
6 nostic studies when available);

7 (B) dosage;

8 (C) route of administration;

9 (D) duration;

10 (E) age of the patient; and

11 (F) geographic region.

12 (d) PUBLIC AVAILABILITY OF SUMMARIES.—The Di-  
13 rector of the Office of Antimicrobial Resistance shall make  
14 summaries of the data received under this section publicly  
15 available by antimicrobial drug class and ensure that such  
16 summaries are updated and published, in a manner con-  
17 sistent with section 7, at least once annually on the  
18 website described in section 319E(a)(4)(A) of the Public  
19 Health Service Act (42 U.S.C. 247d–5(a)(4)(A)) in order  
20 to support epidemiologic and microbiologic research. In  
21 the case of an antimicrobial drug class where only one  
22 antimicrobial drug has been approved, such summary data  
23 shall not be made public.

1 **SEC. 5. ANTIMICROBIAL RESISTANCE CLINICAL RESEARCH**  
2 **AND PUBLIC HEALTH NETWORK.**

3 (a) IN GENERAL.—The Secretary, through the Direc-  
4 tor of the Centers for Disease Control and Prevention and  
5 the Director of the National Institutes of Health, shall es-  
6 tablish at least 10 Antimicrobial Resistance Clinical Re-  
7 search and Public Health Network sites to strengthen the  
8 national capacity to—

9 (1) describe and confirm regional outbreaks  
10 through surveillance of locally available clinical  
11 specimens;

12 (2) assess, integrate, and address local and na-  
13 tional antimicrobial resistance patterns;

14 (3) facilitate research on prevention, control,  
15 and treatment of resistant organisms; and

16 (4) serve as a clinical trials network for opti-  
17 mizing antimicrobial drug effectiveness.

18 (b) GEOGRAPHIC DISTRIBUTION.—The sites estab-  
19 lished under subsection (a) shall be geographically distrib-  
20 uted across the United States, based in academic centers,  
21 health departments, and existing surveillance sites.

22 (c) RESPONSIBILITIES.—The sites established under  
23 subsection (a) shall—

24 (1) monitor the emergence and changes in the  
25 patterns of antimicrobial resistant pathogens in indi-  
26 viduals;



1           (2) study the molecular epidemiology of such  
2 pathogens;

3           (3) evaluate the efficacy of new and existing  
4 interventions to prevent or limit the emergence of  
5 antimicrobial resistance throughout the geographic  
6 region of the site;

7           (4) provide to the Centers for Disease Control  
8 and Prevention isolates of resistant pathogens, and  
9 in particular, pathogens that show new or atypical  
10 patterns of resistance adversely affecting public  
11 health;

12           (5) conduct clinical research to develop natural  
13 histories of infectious disease and to study duration  
14 of antimicrobial use related to resistance develop-  
15 ment, among other things;

16           (6) assess the feasibility, cost-effectiveness, and  
17 appropriateness of surveillance and screening pro-  
18 grams in differing health care and institutional set-  
19 tings, such as schools; and

20           (7) evaluate current treatment protocols and  
21 make appropriate recommendations on best practices  
22 for treating drug resistant infections.

23       (d) COORDINATION.—The sites established under  
24 subsection (a) may share data and cooperate with the Cen-

1 ters for Disease Control and Prevention and the National  
2 Institutes of Health.

3 (e) DATA ACCESS.—The Director of the Centers for  
4 Disease Control and Prevention and the Director of the  
5 National Institutes of Health shall ensure that summary  
6 reports of data obtained by the Antimicrobial Resistance  
7 Clinical Research and Public Health Network sites are  
8 made accessible to the Antimicrobial Task Force for re-  
9 view on an ongoing basis.

10 **SEC. 6. AUTHORIZATION OF APPROPRIATIONS.**

11 Section 319E(g) of the Public Health Service Act (42  
12 U.S.C. 247d–5(g)) is amended to read as follows:

13 “(g) AUTHORIZATION OF APPROPRIATIONS.—

14 “(1) AUTHORIZATION.—There are authorized to  
15 be appropriated to carry out this section (other than  
16 subsection (b)) \$45,000,000 for fiscal year 2008,  
17 \$65,000,000 for fiscal year 2009, \$120,000,000 for  
18 fiscal year 2010, and such sums as may be nec-  
19 essary for each subsequent fiscal year.

20 “(2) ALLOCATION.—Of the amount appro-  
21 priated to carry out this section for a fiscal year, not  
22 less than one-third of such amount shall be made  
23 available for activities of the Centers for Disease  
24 Control and Prevention under subsections (a)(3)(B)  
25 and (c), of which at least one-third of such amount

1       shall be made available for the Centers for Disease  
2       Control and Prevention educational programs dedi-  
3       cated to the reduction of inappropriate antimicrobial  
4       use.”.

5   **SEC. 7. PROTECTION OF CONFIDENTIAL AND NATIONAL SE-**  
6                   **CURITY INFORMATION.**

7       Except as otherwise required by law, this Act (and  
8       the amendments made by this Act) shall not permit public  
9       disclosure of trade secrets, confidential commercial infor-  
10      mation, or material inconsistent with national security  
11      that is obtained by any person under this Act.

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