the Director of NIH a report on the amount made available by the institute or center for conducting or supporting research that involves collaboration between the institute or center and 1 or more other national research institutes or national centers; and

(ii) the Secretary shall submit a report to the Congress identifying the percentage of funds made available by each national research institute and national center with respect to such fiscal year for conducting or supporting research described in clause (i).

(C) Determination

For purposes of determining the amount or percentage of funds to be reported under subparagraph (B), any amounts made available to an institute or center under section 282(b)(7)(B) of this title shall be included.

(D) Verification of amounts

Upon receipt of each report submitted under subparagraph (B)(i), the Director of NIH shall review and, in cases of discrepancy, verify the accuracy of the amounts specified in the report.

(E) Waiver

At the request of any national research institute or national center, the Director of NIH may waive the application of this paragraph to such institute or center if the Director finds that the conduct or support of research described in subparagraph (B)(i) is inconsistent with the mission of such institute or center.

(d) Transfer authority

Of the total amount appropriated under subsection (a)(1) for a fiscal year, the Director of NIH may (in addition to the reservation under subsection (c)(1) for such year) transfer not more than 1 percent for programs or activities that are authorized in this subchapter and identified by the Director to receive funds pursuant to this subsection. In making such transfers, the Director may not decrease any appropriation account under subsection (a)(1) by more than 1 percent.

(e) Rule of construction

This section may not be construed as affecting the authorities of the Director of NIH under section 281 of this title.

(July 1, 1944, ch. 373, title IV, §402A, as added Pub. L. 109–482, title I, §103(a), Jan. 15, 2007, 120 Stat. 3685; amended Pub. L. 113–94, §3(b), Apr. 3, 2014, 128 Stat. 1087.)

AMENDMENTS

2014—Subsec. (a). Pub. L. 113–94, §3(b)(1)(B), which directed amendment of subsec. (a) by striking "For purposes of carrying out this subchapter" and inserting par. (1) designation, heading, and "For purposes of carrying out this subchapter", was executed by striking "For the purpose of carrying out this subchapter" and making the insertions as directed, to reflect the probable intent of Congress.

Pub. L. 113-94, §3(b)(1)(A), redesignated pars. (1) to (3) as subpars. (A) to (C), respectively, and realigned margins.

Subsec. (a)(2). Pub. L. 113-94, §3(b)(1)(C), added par. (2). Former par. (2) redesignated subpar. (B) of par. (1). Subsecs. (c)(1)(B), (D), (d). Pub. L. 113-94, §3(b)(2), substituted "subsection (a)(1)" for "subsection (a)" wherever appearing.

EFFECTIVE DATE

Section applicable only with respect to amounts appropriated for fiscal year 2007 or subsequent fiscal years, see section 109 of Pub. L. 109–482, set out as an Effective Date of 2007 Amendment note under section 281 of this title.

SUPPLEMENT, NOT SUPPLANT; PROHIBITION AGAINST TRANSFER

Pub. L. 113-94, §3(c), Apr. 3, 2014, 128 Stat. 1087, provided that: "Funds appropriated pursuant to section 402A(a)(2) of the Public Health Service Act [42 U.S.C. 282a(a)(2)], as added by subsection (b)—"(1) shall be used to supplement, not supplant, the

"(1) shall be used to supplement, not supplant, the funds otherwise allocated by the National Institutes of Health for pediatric research; and

"(2) notwithstanding any transfer authority in any appropriation Act, shall not be used for any purpose other than allocating funds for making grants as described in section 402(b)(7)(B)(ii) of the Public Health Service Act [42 U.S.C. 282(b)(7)(B)(ii)], as added by subsection (a)."

§ 282b. Electronic coding of grants and activities

The Secretary, acting through the Director of NIH, shall establish an electronic system to uniformly code research grants and activities of the Office of the Director and of all the national research institutes and national centers. The electronic system shall be searchable by a variety of codes, such as the type of research grant, the research entity managing the grant, and the public health area of interest. When permissible, the Secretary, acting through the Director of NIH, shall provide information on relevant literature and patents that are associated with research activities of the National Institutes of Health.

(July 1, 1944, ch. 373, title IV, \$402B, as added Pub. L. 109–482, title I, \$104(a)(3), Jan. 15, 2007, 120 Stat. 3689.)

EFFECTIVE DATE

Section applicable only with respect to amounts appropriated for fiscal year 2007 or subsequent fiscal years, see section 109 of Pub. L. 109-482, set out as an Effective Date of 2007 Amendment note under section 281 of this title

§ 282c. Public access to funded investigators' final manuscripts

The Director of the National Institutes of Health ("NIH") shall require in the current fiscal year and thereafter that all investigators funded by the NIH submit or have submitted for them to the National Library of Medicine's PubMed Central an electronic version of their final, peer-reviewed manuscripts upon acceptance for publication, to be made publicly available no later than 12 months after the official date of publication: *Provided*, That the NIH shall implement the public access policy in a manner consistent with copyright law.

(Pub. L. 111-8, div. F, title II, §217, Mar. 11, 2009, 123 Stat. 782.)

CODIFICATION

Section was enacted as part of the Department of Health and Human Services Appropriations Act, 2009, and also as part of the Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriations Act, 2009, and the Omnibus Appropriations Act, 2009, and not as part of the Public Health Service Act which comprises this chapter.

§ 282d. Transferred

CODIFICATION

Section, act July 1, 1944, ch. 373, title IV, §402C, as added Pub. L. 111–148, title X, §10409(d), Mar. 23, 2010, 124 Stat. 978, which related to the Cures Acceleration Network, was renumbered section 480 of act July 1, 1944, by Pub. L. 112–74, div. F, title II, §221(c)(1)(A), Dec. 23, 2011, 125 Stat. 1089, and transferred to section 287a of this title.

§ 283. Biennial reports of Director of NIH

(a) In general

The Director of NIH shall submit to the Congress on a biennial basis a report in accordance with this section. The first report shall be submitted not later than 1 year after January 15, 2007. Each such report shall include the following information:

- (1) An assessment of the state of biomedical and behavioral research.
- (2) A description of the activities conducted or supported by the agencies of the National Institutes of Health and policies respecting the programs of such agencies.
- (3) Classification and justification for the priorities established by the agencies, including a strategic plan and recommendations for future research initiatives to be carried out under section 282(b)(7) of this title through the Division of Program Coordination, Planning, and Strategic Initiatives.
- (4) A catalog of all the research activities of the agencies, prepared in accordance with the following:
 - (A) The catalog shall, for each such activity—
 - (i) identify the agency or agencies involved:
 - (ii) state whether the activity was carried out directly by the agencies or was supported by the agencies and describe to what extent the agency was involved; and
 - (iii) identify whether the activity was carried out through a center of excellence.
 - (B) In the case of clinical research, the catalog shall, as appropriate, identify study populations by demographic variables and other variables that contribute to research on minority health and health disparities.
 - (C) Research activities listed in the catalog shall include, where applicable, the following:
 - (i) Epidemiological studies and longitudinal studies.
 - (ii) Disease registries, information clearinghouses, and other data systems.
 - (iii) Public education and information campaigns.
 - (iv) Training activities, including—
 - (I) National Research Service Awards and Clinical Transformation Science Awards:
 - (II) graduate medical education programs, including information on the

number and type of graduate degrees awarded during the period in which the programs received funding under this subchapter:

- (III) investigator-initiated awards for postdoctoral training and postdoctoral training funded through research grants;
- (IV) a breakdown by demographic variables and other appropriate categories; and
- (V) an evaluation and comparison of outcomes and effectiveness of various training programs.
- (v) Clinical trials, including a breakdown of participation by study populations and demographic variables and such other information as may be necessary to demonstrate compliance with section 289a-2 of this title (regarding inclusion of women and minorities in clinical research).
- (vi) Translational research activities with other agencies of the Public Health Service
- (5) A summary of the research activities throughout the agencies, which summary shall be organized by the following categories, where applicable:
 - (A) Cancer.
 - (B) Neurosciences.
 - (C) Life stages, human development, and rehabilitation.
 - (D) Organ systems.
 - (E) Autoimmune diseases.
 - (F) Genomics.
 - (G) Molecular biology and basic science.
 - (H) Technology development.
 - (I) Chronic diseases, including pain and palliative care.
 - (J) Infectious diseases and bioterrorism.
 - (K) Minority health and health disparities.
 - (L) Such additional categories as the Director determines to be appropriate.
- (6) A review of each entity receiving funding under this subchapter in its capacity as a center of excellence (in this paragraph referred to as a "center of excellence"), including the following:
- (A) An evaluation of the performance and research outcomes of each center of excellence.
- (B) Recommendations for promoting coordination of information among the centers of excellence.
- (C) Recommendations for improving the effectiveness, efficiency, and outcomes of the centers of excellence.
- (D) If no additional centers of excellence have been funded under this subchapter since the previous report under this section, an explanation of the reasons for not funding any additional centers.

(b) Requirement regarding disease-specific research activities

In a report under subsection (a), the Director of NIH, when reporting on research activities relating to a specific disease, disorder, or other adverse health condition, shall—

(1) present information in a standardized format;