

methods of mathematics and science teaching are most effective, cost efficient, and able to be applied, duplicated, and scaled up for use in elementary and secondary classrooms, including in low-performing schools, to improve the teaching of, and student achievement in, mathematics and science as required under the Elementary and Secondary Education Act of 1965 (20 U.S.C. 6301 et seq.).

(b) Eligibility

Research carried out under subsection (a) through contracts, grants, or cooperative agreements shall be carried out only by recipients with the ability and capacity to conduct scientifically valid research.

(c) National research and development centers

(1) Support

In carrying out activities under subsection (a)(3), the Research Commissioner shall support not less than 8 national research and development centers. The Research Commissioner shall assign each of the 8 national research and development centers not less than 1 of the topics described in paragraph (2). In addition, the Research Commissioner may assign each of the 8 national research and development centers additional topics of research consistent with the mission and priorities of the Institute and the mission of the Research Center.

(2) Topics of research

The Research Commissioner shall support the following topics of research, through national research and development centers or through other means:

- (A) Adult literacy.
- (B) Assessment, standards, and accountability research.
- (C) Early childhood development and education.
- (D) English language learners research.
- (E) Improving low achieving schools.
- (F) Innovation in education reform.
- (G) State and local policy.
- (H) Postsecondary education and training.
- (I) Rural education.
- (J) Teacher quality.
- (K) Reading and literacy.

(3) Duties of centers

The national research and development centers shall address areas of national need, including in educational technology areas. The Research Commissioner may support additional national research and development centers to address topics of research not described in paragraph (2) if such topics are consistent with the priorities and mission of the Institute and the mission of the Research Center. The research carried out by the centers shall incorporate the potential or existing role of educational technology, where appropriate, in achieving the goals of each center.

(4) Scope

Support for a national research and development center shall be for a period of not more than 5 years, shall be of sufficient size and scope to be effective, and notwithstanding sec-

tion 9534(b) of this title, may be renewed without competition for not more than 5 additional years if the Director, in consultation with the Research Commissioner and the Board, determines that the research of the national research and development center—

(A) continues to address priorities of the Institute; and

(B) merits renewal (applying the procedures and standards established in section 9534 of this title).

(5) Limit

No national research and development center may be supported under this subsection for a period of more than 10 years without submitting to a competitive process for the award of the support.

(6) Continuation of awards

The Director shall continue awards made to the national research and development centers that are in effect on the day before November 5, 2002, in accordance with the terms of those awards and may renew them in accordance with paragraphs (4) and (5).

(7) Disaggregation

To the extent feasible, research conducted under this subsection shall be disaggregated by age, race, gender, and socioeconomic background.

(Pub. L. 107-279, title I, §133, Nov. 5, 2002, 116 Stat. 1954.)

Editorial Notes

REFERENCES IN TEXT

The Elementary and Secondary Education Act of 1965, referred to in subsec. (a)(11), is Pub. L. 89-10, Apr. 11, 1965, 79 Stat. 27, as amended, which is classified generally to chapter 70 (§6301 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 6301 of this title and Tables.

§ 9534. Standards for conduct and evaluation of research

(a) In general

In carrying out this part, the Research Commissioner shall—

(1) ensure that all research conducted under the direction of the Research Center follows scientifically based research standards;

(2) develop such other standards as may be necessary to govern the conduct and evaluation of all research, development, and wide dissemination activities carried out by the Research Center to assure that such activities meet the highest standards of professional excellence;

(3) review the procedures utilized by the National Institutes of Health, the National Science Foundation, and other Federal departments or agencies engaged in research and development, and actively solicit recommendations from research organizations and members of the general public in the development of the standards described in paragraph (2); and

(4) ensure that all research complies with Federal guidelines relating to research misconduct.

(b) Peer review**(1) In general**

The Director shall establish a peer review system, involving highly qualified individuals with an in-depth knowledge of the subject to be investigated, for reviewing and evaluating all applications for grants and cooperative agreements that exceed \$100,000, and for evaluating and assessing the products of research by all recipients of grants and cooperative agreements under this Act.

(2) Evaluation

The Research Commissioner shall—

(A) develop the procedures to be used in evaluating applications for research grants, cooperative agreements, and contracts, and specify the criteria and factors (including, as applicable, the use of longitudinal data linking test scores, enrollment, and graduation rates over time) which shall be considered in making such evaluations; and

(B) evaluate the performance of each recipient of an award of a research grant, contract, or cooperative agreement at the conclusion of the award.

(c) Long-term research

The Research Commissioner shall ensure that not less than 50 percent of the funds made available for research for each fiscal year shall be used to fund long-term research programs of not less than 5 years, which support the priorities and mission of the Institute and the mission of the Research Center.

(Pub. L. 107-279, title I, §134, Nov. 5, 2002, 116 Stat. 1957.)

Editorial Notes

REFERENCES IN TEXT

This Act, referred to in subsec. (b)(1), means Pub. L. 107-279, Nov. 5, 2002, 116 Stat. 1940, which enacted this chapter and section 3419 of this title, amended sections 1232j, 3412, 3461, 6194, 6311, 6312, 7013, 7451, 7703, 7909, 9007, 9010, 9011, 9573, 9623, and 9624 and former sections 6317, 6491, 6932, 7253c, 7283b, and 7283d of this title and section 5315 of Title 5, Government Organization and Employees, transferred sections 9010 and 9011 of this title to sections 9621 and 9622 of this title, respectively, repealed sections 3419, 6011, 6021, 6031, 6041, 6051, 6053 to 6053e, 6054 to 6054b, 6055 to 6055h, 6056, 6056a, 9001 to 9009, and 9012 of this title, enacted provisions set out as notes under section 7703 and 9501 of this title, and repealed provisions set out as notes under sections 1221e and 9001 of this title. For complete classification of this Act to the Code, see Tables.

PART C—NATIONAL CENTER FOR EDUCATION
STATISTICS**Editorial Notes**

PRIOR PROVISIONS

Provisions similar to those in this part were contained in chapter 71 (§9001 et seq.) of this title prior to repeal by Pub. L. 107-279, title IV, §403(1), Nov. 5, 2002, 116 Stat. 1985.

§ 9541. Establishment**(a) Establishment**

There is established in the Institute a National Center for Education Statistics (in this part referred to as the “Statistics Center”).

(b) Mission

The mission of the Statistics Center shall be—

(1) to collect and analyze education information and statistics in a manner that meets the highest methodological standards;

(2) to report education information and statistics in a timely manner; and

(3) to collect, analyze, and report education information and statistics in a manner that—

(A) is objective, secular, neutral, and non-ideological and is free of partisan political influence and racial, cultural, gender, or regional bias; and

(B) is relevant and useful to practitioners, researchers, policymakers, and the public.

(Pub. L. 107-279, title I, §151, Nov. 5, 2002, 116 Stat. 1957.)

§ 9542. Commissioner for Education Statistics

The Statistics Center shall be headed by a Commissioner for Education Statistics (in this part referred to as the “Statistics Commissioner”) who shall be highly qualified and have substantial knowledge of statistical methodologies and activities undertaken by the Statistics Center.

(Pub. L. 107-279, title I, §152, Nov. 5, 2002, 116 Stat. 1958.)

§ 9543. Duties**(a) General duties**

The Statistics Center shall collect, report, analyze, and disseminate statistical data related to education in the United States and in other nations, including—

(1) collecting, acquiring, compiling (where appropriate, on a State-by-State basis), and disseminating full and complete statistics (disaggregated by the population characteristics described in paragraph (3)) on the condition and progress of education, at the preschool, elementary, secondary, postsecondary, and adult levels in the United States, including data on—

(A) State and local education reform activities;

(B) State and local early childhood school readiness activities;

(C) student achievement in, at a minimum, the core academic areas of reading, mathematics, and science at all levels of education;

(D) secondary school completions, dropouts, and adult literacy and reading skills;

(E) access to, and opportunity for, postsecondary education, including data on financial aid to postsecondary students;

(F) teaching, including—

(i) data on in-service professional development, including a comparison of courses taken in the core academic areas of reading, mathematics, and science with courses in noncore academic areas, including technology courses; and

(ii) the percentage of teachers who meet the applicable State certification and licensure requirements, including any requirements for certification obtained through alternative routes to certifi-