

**Department of Education**  
**NATIONAL TECHNICAL INSTITUTE FOR THE DEAF**  
**Fiscal Year 2014 Budget Request**

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## NATIONAL TECHNICAL INSTITUTE FOR THE DEAF

For the National Technical Institute for the Deaf under titles I and II of the Education of the Deaf Act of 1986, \$65,422,000, of which \$2,000,000 to remain available until expended, shall be for construction<sup>1</sup>: *Provided*, That from the total amount available, the Institute may at its discretion use funds for the endowment program as authorized under section 207 of such Act<sup>2</sup>.

### NOTE

A full-year 2013 appropriation for this account was not enacted at the time the budget was prepared; therefore, this account is operating under a continuing resolution (P.L. 112-175). The amounts included for 2013 reflect the annualized level provided by the continuing resolution.

Each language provision that is followed by a footnote reference is explained in the Analysis of Language Provisions and Changes document which follows the appropriation language.

**NATIONAL TECHNICAL INSTITUTE FOR THE DEAF**

**Analysis of Language Provisions and Changes**

Language Provision	Explanation
<u><sup>1</sup>... of which \$2,000,000, to remain available until expended, shall be for construction ....</u>	This language earmarks \$2,000,000 for construction and provides for these funds to remain available for obligation at the Federal level until expended.
<u><sup>2</sup>... <i>Provided</i>, That from the total amount available, the Institute may at its discretion use funds for the endowment program as authorized under section 207.</u>	This language provides authority for the Institute to use funds from the general appropriation for the Endowment Grant program.

**NATIONAL TECHNICAL INSTITUTE FOR THE DEAF**

**Appropriation Adjustments and Transfers**  
(dollars in thousands)

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Appropriation/Adjustments/Transfers	2012	2013	2014
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Discretionary budget authority:			
Appropriation .....	\$65,546	\$65,422	\$65,422
Across-the-board reduction (P.L. 112-74).....	-124	0	0
Across-the-board increase (P.L. 112-175).....	<u>0</u>	<u>+400</u>	<u>0</u>
Total, adjusted discretionary appropriation.....	65,422	65,822	65,422

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**NATIONAL TECHNICAL INSTITUTE FOR THE DEAF**

**Summary of Changes**  
(dollars in thousands)

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2012.....	\$65,422
2014.....	<u>65,422</u>
Net change .....	0

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	<u>2012 base</u>	<u>Change from base</u>
<b>Increases:</b>		
<u>Program:</u>		
Construction funds will support a deferred maintenance account.	0	+\$2,000
<b>Decreases:</b>		
<u>Program:</u>		
Decrease reflects setting aside funds for a deferred maintenance account	65,422	-2,000
Net change		0

**NATIONAL TECHNICAL INSTITUTE FOR THE DEAF**

**Authorizing Legislation**  
(dollars in thousands)

Activity	2013 Authorized	2013 Estimate	2014 Authorized	2014 Request
Operations ( <i>EDA-I-B</i> )	Indefinite	\$65,422	Indefinite	\$63,422
Construction ( <i>EDA-I-112</i> )	Indefinite	0	Indefinite	\$2,000
Endowment ( <i>EDA-II-207</i> )	<u>Indefinite</u> <sup>1</sup>	<u>0</u> <sup>1</sup>	<u>Indefinite</u> <sup>1</sup>	<u>0</u> <sup>1</sup>
Total definite authorization				
Total appropriation		65,422		65,422
Total appropriation including 0.612 percent ATB increase		65,822		

<sup>1</sup> Funding for the Endowment Grant program is provided together with funding for operations through a single appropriations amount. Appropriations language is included to authorize NTID, at its discretion, to use funds for the Endowment Grant program from the total amount available.

## NATIONAL TECHNICAL INSTITUTE FOR THE DEAF

### Appropriations History (dollars in thousands)

Year	Budget Estimate to Congress	House Allowance	Senate Allowance	Appropriation
2005	53,803	55,790	55,790	55,344
2006	54,472	56,137	57,279	56,141
2007	55,349	N/A <sup>1</sup>	N/A <sup>1</sup>	56,141
2008	56,262	60,757	59,000	59,696
2009	59,195	64,212 <sup>2</sup>	62,000 <sup>2</sup>	64,212
2010	68,437	68,437	68,437 <sup>3</sup>	68,437
2011	64,677	68,437 <sup>4</sup>	64,677 <sup>5</sup>	65,546
2012	65,037	65,546 <sup>6</sup>	65,546 <sup>6</sup>	65,422
2013	65,037	65,422 <sup>7</sup>	65,422 <sup>7</sup>	65,822 <sup>8</sup>
2014	65,422			

<sup>1</sup> This account operated under a full-year continuing resolution (P.L. 110-5). House and Senate allowances are shown as N/A (Not Available) because neither body passed a separate appropriations bill.

<sup>2</sup> The levels for the House and Senate allowances reflect action on the regular annual 2009 appropriations bill, which proceeded in the 110<sup>th</sup> Congress only through the House Subcommittee and the Senate Committee.

<sup>3</sup> The level for the Senate allowance reflects action on the regular annual 2010 appropriations bill, which proceeded in the 111<sup>th</sup> Congress only to the Senate Committee.

<sup>4</sup> The level for the House allowance reflects the House-passed full-year continuing resolution.

<sup>5</sup> The level for the Senate allowance reflects Committee action only.

<sup>6</sup> The level for the House allowance reflects an introduced bill and the level for the Senate allowances reflects Senate Committee action only.

<sup>7</sup> The levels for the House and Senate allowances reflect action on the regular annual 2013 appropriations bill, which proceeded in the 112<sup>th</sup> only through the House Subcommittee and the Senate Committee.

<sup>8</sup> The amount shown includes the 0.612 percent across-the-board increase provided by P.L. 112-175, in effect through March 27, 2013.

## NATIONAL TECHNICAL INSTITUTE FOR THE DEAF

### National Technical Institute for the Deaf

(Education of the Deaf Act, Title I, Part B and Section 207)

(dollars in thousands)

FY 2014 Authorization: Indefinite

Budget Authority:

	<u>2012</u>	<u>2013</u>	<u>2014</u>	Change from 2012
Operations	\$65,422	\$65,422	\$63,422	-2,000
Construction	<u>0</u>	<u>0</u>	<u>2,000</u>	<u>+2,000</u>
Total	65,422	65,422 <sup>1</sup>	65,422	0

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<sup>1</sup> Excludes 0.612 percent across-the-board increase provided in P.L. 112-175.

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### PROGRAM DESCRIPTION

Congress created the National Technical Institute for the Deaf (NTID) in 1965 to promote the employment of persons who are deaf by providing technical and professional education for the Nation's youth who are deaf. The National Technical Institute for the Deaf Act was superseded by the Education of the Deaf Act of 1986 (EDA). This Act continued the authority of the Department of Education to maintain an agreement with a host institution for the operation of a residential facility for postsecondary technical training and education for individuals who are deaf and to provide a Federal subsidy to the National Technical Institute for the Deaf so that it may continue to provide postsecondary educational opportunities for individuals who are deaf.

The Department maintains a contract with the Rochester Institute of Technology (RIT) for the operation of NTID. The purpose of the special relationship with the host institution is to provide NTID students access to more facilities, institutional services, and career preparation options than could be otherwise provided solely by a national technical institute for the deaf. RIT provides NTID students with options for courses of study from its seven other colleges; health and counseling services; library, physical education, and recreation facilities; and general services such as food, maintenance, grounds, and security. Indirect cost rates are established by RIT governing reimbursement for each of the services it provides and to cover tuition charges for NTID students enrolled in RIT programs. These rates are approved by the Division of Cost Allocation of the United States Department of Health and Human Services.

NTID offers a variety of technical programs at the sub-baccalaureate degree level (certificates, diplomas, and associate degrees). Degree programs include majors in business, engineering, science, and visual communications. In addition, NTID students may participate in approximately 200 educational programs available through the Rochester Institute of Technology. RIT offers advanced technological courses of study at the undergraduate and graduate degree levels. NTID initiated a master's degree program of its own in fiscal year 1996 to train secondary education teachers who will be teaching students who are deaf. Students enrolled in the program, who can be deaf or hearing, are charged the same base tuition as

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students enrolled in other NTID programs. However, graduate students enrolled through NTID in either the master of science in secondary education (MSSE) program or one of the RIT graduate programs also pay a graduate student tuition surcharge of 10 percent. In addition, NTID operates a Bachelor in Applied Science degree program to train interpreters and a tutor/notetaker training program. Students who are deaf who enroll in NTID or RIT programs are provided a wide range of support services and special programs to assist them in preparing for their careers, including tutoring, remedial and language enrichment programs, counseling, notetaking, interpreting, mentoring, specialized educational media, cooperative work experience, and specialized job placement.

NTID conducts applied research on occupational and employment-related aspects of deafness, communication assessment, the demographics of NTID's target population, and learning processes in postsecondary education. In addition, NTID conducts training workshops and seminars related to deafness. These workshops and seminars are offered to professionals throughout the Nation who employ, work with, teach, or otherwise serve persons who are deaf.

The Federal Endowment Grant program is designed to assist in meeting future needs of NTID and reduce long-term Federal funding requirements by stimulating private contributions. NTID has the discretion to determine the amount of funds it wants the Department to provide from the annual appropriation as matching funds under the Endowment Grant program. The Department may allot funds to the program from the appropriation up to the amount contributed to the fund from non-Federal sources. The EDA provides that NTID may retain up to 50 percent of the income of the fund for expenses necessary to its operation such as personnel, construction and renovation, community and student services, technical assistance, and research. The other 50 percent of the interest returns to the corpus. No portion of the endowment fund corpus may be withdrawn, except with the Department's approval and only due to a financial emergency, life-threatening situation occasioned by natural disaster or arson, or other unusual circumstance. NTID has full discretion in how it invests the funds it raises for this program. However, the EDA specifies parameters for investment of the Federal matching funds in order to help safeguard that portion of the fund corpus. After a period of 10 years from an initial investment, NTID does not have to follow Federal investment restrictions related to the Federal portion of the corpus and may use any and all earned interest associated with that year's matching funds.

Funding levels for the past 5 fiscal years were:

	(dollars in thousands)	
	<u>Operations</u>	<u>Construction</u>
2009.....	63,037	1,175
2010.....	63,037	5,400
2011.....	65,306	240
2012.....	65,422	0
2013.....	65,422 <sup>1</sup>	0

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<sup>1</sup> Excludes 0.612 percent across-the-board increase provided in P.L. 112-175.

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### National Technical Institute for the Deaf

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#### FY 2014 BUDGET REQUEST

The Administration is requesting \$65.0 million for the National Technical Institute for the Deaf (NTID) for fiscal year 2014, level with the 2012 appropriation. The Department supports funding for NTID to help promote educational and employment opportunities for persons who are deaf.

Operations. The Administration's request would fund operations \$2 million below the fiscal year 2012 level of \$63.4 million. Between 2002 and 2012, funding for NTID operations has risen by \$10.2 million, or 18.4 percent, while enrollment increased by only 115 students, or 10.0 percent, primarily in the interpreter-training and graduate programs. The Department believes that \$63.4 million would provide sufficient funds to maintain all programs and operations at NTID.

Construction. The Administration is requesting \$2.0 million for the purpose of supporting a deferred maintenance account; these funds would be available until expended. Due to annual variation in the size and cost of the necessary updates to NTID's infrastructure, NTID's budget request for construction and the Federal appropriation for construction have varied considerably from year to year. For instance, in fiscal year 2010, NTID requested and Congress appropriated \$5.4 million for a one-time replacement of a key infrastructure system. The next year, NTID's construction request dropped to \$1.64 million based on the reduced need for construction funds. In order to reduce such variation, the Department formally requested in the 2009 NTID monitoring visit report that NTID submit a plan for establishing a long-term deferred maintenance account. NTID did so in their 2011 request, but that proposal was not funded in fiscal year 2011. Instead, the Department requested that NTID provide greater detail, which NTID did in its fiscal year 2012 budget request. The Administration requested \$2.0 million for the deferred maintenance account in fiscal years 2012 and 2013.

NTID has requested \$2 million for a deferred maintenance account in fiscal year 2014, which would be used for capital and renovation projects. The Department supports NTID's efforts to improve its fiscal planning and recommends that \$2.0 million be provided for the deferred maintenance account.

Endowment Grant Program. The Administration's request continues the policy of not specifying an amount for NTID's Federal Endowment Grant program. The Institute would retain the discretion to determine how much of the Federal funds provided will be used for the Endowment Grant program in 2014. Funds added to NTID's base for operations in prior fiscal years remain available to be used as matching funds for the purpose of the Endowment Grant program. The Administration strongly supports the objectives of the Endowment Grant program and believes that this program helps to promote NTID's financial independence through creation of a permanent and increasing source of funds for enrichment activities and special projects. NTID matched Federal funds with \$220,700 in fiscal year 2011.

Other Revenue. In addition to funding from the Federal appropriation, NTID receives revenue from tuition and fees, private giving, and grants and contracts. NTID received \$25.6 million in other revenue in fiscal year 2012, including \$16.9 million from tuition, \$7.2 million from room and board, \$662,000 from student activity fees, and \$892,000 from other sources, such as interpreting and captioning services provided to the Rochester Institute of Technology (RIT) and programs outside the University, the NTID hearing aid shop, and fees from grant programs

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renting space. This represents an increase of approximately \$500,000 in revenue over the \$25.1 million NTID received from these sources for fiscal year 2011. NTID has the flexibility to apply this increased revenue to its highest funding priorities.

NTID also receives significant revenue from competitive grants and contracts awarded by the Federal and New York State governments. In fiscal year 2012, NTID received nearly \$1.4 million in Federal and State grants and contracts, as well as \$785,000 in private grants and contracts.

As of September 30, 2012, the market value of the Federal Endowment Grant program at NTID, including Federal, private, and reinvested funds, was \$43.3 million. In addition, NTID had \$4.9 million in endowments that were not part of the Federal Endowment Grant program. In fiscal year 2012, the Institute distributed \$1.6 million in earnings from all endowment sources.

NTID has been successful in raising private funds. In fiscal year 2012, NTID received \$1.5 million in cash donations to endowment and other restricted funds and \$142,000 in gifts in kind, primarily equipment and software for specific programs at NTID. The funds raised in addition to endowments are restricted by the donors to NTID activities and include such projects as the Sebastian and Lenore Rosica Hall, the Pre-College Education Network, and selected research projects. Restricted gifts totaled \$1.2 million in fiscal year 2012.

The fiscal year 2014 request for operations represents approximately 60 percent of NTID's total projected budget. The remaining funds will come from tuition, fees, private contributions, endowment income, and Federal grants and contracts. However, the revenue derived from tuition, room, board, and fees is substantially comprised of payments from Federal vocational rehabilitation and Federal student financial aid programs. For example, in fiscal year 2012, NTID students received \$9.3 million from vocational rehabilitation and \$3.0 million in Pell Grants.

Students also received \$96,802 from RIT grants-in-aid, \$502,000 in State grants, and \$2.3 million in scholarships from institutionally-supported grants, endowment income, and external groups in fiscal year 2012. Student aid, excluding loans, averaged approximately \$10,947 per domestic student for both deaf and hearing students, including students in the sub-baccalaureate, baccalaureate, graduate, and interpreter training programs. In addition to grants and scholarships, NTID students received nearly \$6.1 million in subsidized and unsubsidized Federal student loans and Parent PLUS loans. Many NTID students also receive Federal Social Security and Supplemental Security Income payments.

International students pay tuition, room, board, and fees, and these payments are included in the revenue figure cited above. However, these students, with the exception of permanent residents, are not eligible for Federal student financial aid or vocational rehabilitation payments. International students receive support from two private endowments. During fiscal year 2012, \$243,000 in interest accrued from these endowments was used for this purpose.

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#### PROGRAM OUTPUT MEASURES (dollars in thousands)

<u>Measures</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Tuition (U.S. students):			
Undergraduate	\$11,583	\$12,393	\$13,013
Graduate <sup>1</sup>	12,744	13,635	14,317
Fees	453	474	495
Charges for Resident Students:			
Room	\$6,096	\$6,309	\$6,498
Board	<u>4,317</u>	<u>4,491</u>	<u>4,626</u>
Total cost (U.S undergraduate students, with tuition and fees)	22,449	23,667	24,632
Tuition (International students):			
Undergraduate <sup>1,3</sup>	\$23,166	\$24,909	\$25,936
Graduate <sup>2,3</sup>	25,488	27,270	28,634
Percent of support for operations provided by this appropriation	70%	65%	60%
Estimated average total cost per student	\$44,133 <sup>4</sup>	\$44,133 <sup>4</sup>	\$43,873 <sup>4</sup>
Estimated average educational cost per student	\$31,857 <sup>5</sup>	\$31,857 <sup>5</sup>	\$31,670 <sup>5</sup>
Student data (deaf students only – includes international students):			
Applications	902	902	902
Acceptances	439	439	439
Percent of applications accepted	49%	49%	49%
Registrations	345	345	345
Percent of accepted who register	79%	79%	79%
Enrollment (deaf students only – includes international students):			
Total students	1,323	1,323	1,323
Technical	(766)	(766)	(766)
Professional:			
Undergraduate	(515)	(515)	(515)
Graduate	(42)	(42)	(42)

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#### PROGRAM OUTPUT MEASURES (dollars in thousands)

<u>Measures</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Other enrollments (hearing and deaf students)			
Master's in Secondary Education	64	64	64
International deaf students	46	46	46
International students as a percent of total enrollment	3.1%	3.1%	3.1%
Minority deaf enrollment	358	358	358
Minorities as a percent of U.S. deaf student enrollments	32% <sup>6</sup>	32% <sup>6</sup>	32% <sup>6</sup>
Summer Vestibule Program Enrollment	269	300	300
Summer Quarter Enrollment	442	400	400
Graduates	288	288	288
Associate and certificate degrees	(139) <sup>7</sup>	(139) <sup>7</sup>	(139) <sup>7</sup>
Baccalaureate and graduate degrees	(149)	(149)	115
Co-op (work experience) placements	298	298	298
Student services:			
Hours of interpreting	135,000	140,000	145,000
Hours of in-class interpreting	(95,000)	(99,000)	(103,000)
Hours of note taking	80,000	82,000	84,000
Hours of tutoring	20,000	21,000	22,000
Hours of C-print captioning	22,000	23,000	24,000
Number of persons trained in Access Services and Student Services:			
Interpreters trained (continuing education)	65	65	65
Tutors/note takers trained	360	360	360
C-print captionists trained	10	10	10
Employees/career counselors trained	680	680	680
Explore Your Future participants (HS jrs)	230	230	230
Deaf Initiative in Technology participants	35	35	35
Public service activities	\$2,282	\$2,301	\$2,370

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#### PROGRAM OUTPUT MEASURES (dollars in thousands)

<u>Measures</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Research:			
Federal funds	\$1,870	\$1,934	\$1,995
Sponsored research	\$3,624	\$3,703	\$3,785
Research publications/presentations	75	75	75
Personnel (in full-time equivalents): <sup>8</sup>			
Faculty	203	203	203
Interpreters	111	111	111
C-print captionists	43	43	43
Clerical/Technical	87	87	87
Professional	<u>115</u>	<u>115</u>	<u>115</u>
Total	559	559	559
Minorities as a % of faculty	12.2%	12.2%	12.2%
Minorities as a % of staff	10.0%	10.0%	10.0%
Disabled as a % of faculty	31.0%	31.0%	31.0%
Disabled as a % of staff	12.6%	12.6%	12.6%
NTID faculty/student ratio <sup>9,10</sup>	1:7	1:7	1:7
NTID teaching faculty/student ratio <sup>10</sup>	1:11	1:11	1:11
Average Faculty Salaries <sup>11</sup> :			
Professor	\$99,177	\$102,15	\$105,217
Associate professor	82,005	84,465	86,999
Assistant professor	65,956	67,935	69,973
Senior lecturer	61,436	63,279	65,177
Lecturer	53,806	55,420	57,083
Instructor	49,168	50,643	52,162
Average full- and part-time staff salary <sup>11</sup> :			
Exempt staff	\$58,427	\$60,180	\$61,985
Non-exempt staff <sup>12</sup>	42,404	43,676	44,986
All staff	47,910	49,347	50,828

NOTE: 2013 excludes 0.612 percent cross-the-board increase provided in P.L. 112-175.

<sup>1</sup> Tuition rate increases are proposed by NTID annually. However, through an agreement with the Department, the increase may not exceed 10 percent in any given year. NTID is proposing a 4.8-percent increase for fiscal year 2012.

<sup>2</sup> Graduate students are charged a 10-percent surcharge above the tuition rate for undergraduate students.

<sup>3</sup> A tuition surcharge of 100 percent for international students is required by the authorizing statute; however, the Higher Education Opportunity Act of 2008 provides that NTID may develop a sliding scale model to reduce the surcharge, with different surcharge levels set depending on student need and whether the student's country of origin

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is considered developed or developing.

<sup>4</sup> Excludes expenses related to sponsored and other research, public services, auxiliary enterprises, and construction.

<sup>5</sup> Excludes expenses related to sponsored and other research, public services, auxiliary enterprises, construction, and student support services such as audiology, speech, remedial English, and psychological services. It also excludes portions of the cost of admissions, placement, instructional media, and some other administrative categories that address unique aspects of NTID's mission.

<sup>6</sup> Excludes interpreter training program students, international students, and MSSE students.

<sup>7</sup> Includes students who obtain a certificate, diploma, or associate degree, including graduates who are transferring into RIT to pursue an undergraduate degree.

<sup>8</sup> Counts are taken as of October of each fiscal year.

<sup>9</sup> Includes administrators and researchers who have faculty rank.

<sup>10</sup> Faculty/student ratios do not include RIT faculty who teach the 46 percent of NTID's students enrolled in RIT courses or RIT faculty teaching NTID students in pre-baccalaureate programs.

<sup>11</sup> FY 2011 salaries are actual and FY 2012 and FY 2013 salaries assume a 2.5 percent increase from the previous year. All salaries are in actual dollars and not thousands of dollars.

<sup>12</sup> Includes interpreters, C-print operators, clerical, and technical staff.

## PROGRAM PERFORMANCE INFORMATION

### Performance Measures

This section presents selected program performance information, including, for example, GPRA goals, objectives, measures, and performance targets and data; and an assessment of the progress made toward achieving program results. Achievement of program results is based on the cumulative effect of the resources provided in previous years and those requested in fiscal year 2014 and future years, and the resources and efforts invested by those served by this program.

**Goal: To provide deaf and hearing students in undergraduate programs and professional studies with state-of-the-art technical and professional education programs, undertake a program of applied research; share National Technical Institute for the Deaf expertise, and expand outside sources of revenue.**

**Objective:** *Maximize the number of students successfully completing a program of study.*

**Measure:** The percentage of first-time, full-time degree-seeking sub-baccalaureate and baccalaureate students who were in their first year of postsecondary enrollment in the previous year and are enrolled in the current year.

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Year	Sub-Baccalaureate Target	Baccalaureate Target	Sub-Baccalaureate Actual	Baccalaureate Actual
2009			72	88
2010	70	85	69	94
2011	70	85	70	88
2012	70	85		
2013	70	85		
2014	70	85		

**Additional Information:** This measure, which was added in fiscal year 2008, is used to gauge the persistence of first-time, full-time students from the fall semester of their freshmen year to the fall semester of their sophomore year. RIT submits data to the Integrated Postsecondary Education Data System (IPEDS) on its students, including NTID students who are in RIT programs. However, it does not break out data separately for NTID students in RIT programs. The data for this measure are calculated using the same IPEDS methodology as used by other postsecondary education programs funded by the Department. The data will allow for comparative analyses between NTID, Gallaudet University, and other higher education programs.

Comparisons with IPEDS data for 2-year public and private higher education institutions indicate that NTID's persistence rate of 70 percent for sub-baccalaureate students is higher than the rates for these institutions. Two-year public colleges have an average persistence rate of 59 percent, and 2-year private colleges have a persistence rate of 68 percent.

NTID's baccalaureate student persistence rate of 88 percent is considerably higher than those of other 4-year public and private colleges. For example, IPEDS data show an average persistence rate of 73 percent for both 4-year public colleges and 4-year private colleges.

**Measure:** The percentage of first-time, full-time degree seeking sub-baccalaureate students and baccalaureate students who graduate within 150 percent of the program-based length of time.

Year	Sub-Baccalaureate Target	Baccalaureate Target	Sub-Baccalaureate Actual	Baccalaureate Actual
2009			37	65
2010	26	60	34	53
2011	26	60	46	66
2012	27	61		
2013	35	62		
2014	36	63		

**Additional Information:** This measure was added in fiscal year 2008 in order to obtain data that are consistent with the methodology used by the Integrated Postsecondary Education Data System (IPEDS) and other Department programs to measure graduation. Program-based length of time refers to the stated number of years to complete a degree. Generally, an associate degree program is 2 years, and a baccalaureate degree program is 4 years. However, some of RIT's programs include a requirement for an additional internship year. In this case, the

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program-based length of time for a sub-baccalaureate degree may be 3 years and baccalaureate degree 5 years. As such, the program-based length of time may be 2, 3, 4, or 5 years, depending on the program.

An IPEDS analysis of public and private not-for-profit 2-year institutions indicated a graduation rate of 31 percent for full-time, first-time degree/certificate-seeking students within 150 percent of normal time to completion; NTID has a higher sub-baccalaureate graduation rate of 46 percent. IPEDS data indicate that four-year public colleges have an average graduation rate of 44 percent and four-year private colleges have an average graduation rate of 55 percent. NTID has a higher baccalaureate graduation rate of 66. Given recent performance, the Department has revised targets for 2013.

This measure has replaced the previously established graduation measure, which provided historical trend data and includes students, such as transfer students, who are not accounted for under the IPEDS methodology. RIT, including NTID, began collecting data according to program-based length of time in academic year 2006-07.

**Measure:** The percentages of graduates who are employed, in advanced education or training, or are neither employed nor enrolled in advanced education or training during their first year after graduation.

Year	Employed Target	Advanced Ed Target	Neither Target	Employed Actual	Advanced Ed Actual	Neither Actual
2009				47	40	13
2010	57	35	8	42	44	14
2011	57	35	8	45	44	11
2012	57	35	8			
2013	57	35	8			
2014	57	35	8			

**Additional Information:** The Department has substantially revised this measure. The previous indicator only measured employment and was calculated as the percentage of graduates who were employed among those who were seeking employment. The new measure provides a more complete picture of post-school outcomes for NTID graduates. For fiscal year 2010, NTID reported that 42 percent of the graduates in that year were employed during their first year after graduation, 44 percent were in advanced education or training, and 14 percent were not in the workforce or engaged in advanced education or training. Any graduate who was simultaneously employed and in advanced education or training was placed into the one category that best described their status.

### Efficiency Measures

**Objective:** *Improve the efficiency of operations at NTID as defined by the cost per successful student outcome, where the successful outcome is graduation.*

**Measure:** Total Federal cost per NTID graduate.

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Year	Target	Actual
2009		\$196,300
2010	\$196,898	\$187,400
2011	\$201,230	\$205,900
2012	\$205,657	
2013	\$209,564	
2014	\$213,755	

**Additional Information:** The measure is calculated by averaging the Federal appropriation for a particular year and the previous 5 years, and dividing the figure by the number of graduates for that school year. Federal student aid, vocational rehabilitation payments, other Federal support for students, Federal grants and contracts, and construction funds are not included in this calculation. This measure focuses on graduates because it is a key program outcome for NTID.

**Measure:** Total educational cost per NTID graduate.

Year	Target	Actual
2009		\$236,400
2010	\$236,675	\$223,900
2011	\$241,882	\$246,400
2012	\$247,203	
2013	\$251,800	
2014	\$256,836	

**Additional Information:** The measure is calculated by averaging the total annual student expenditures for a particular year and the previous 5 years, and dividing the figure by the number of graduates for that school year. Graduates include students receiving certificates, diplomas, associates degrees, baccalaureate degrees, and master's degrees. The cost is composed of the total program budget excluding expenditures associated with research, public services, auxiliary enterprises, and construction. This measure looks at the total cost of educating a student at NTID as an indication of how efficiently the University operates.

Both efficiency measures use existing cost data reported to the Department as part of NTID's budget submission. In fiscal year 2013, the Department will continue its discussion with NTID about how best to use these measures as a basis for examining the cost per student, the subcomponents of the expenditures, and whether efficiencies can be achieved. The Department also will use IPEDS data to look at cost components of similarly sized Carnegie Level IV institutions as a basis for comparison.

The Department reached an agreement with NTID on a methodology that accounts for future inflation by using the Consumer Price Index (CPI) with the goal of limiting increases on the Federal cost per graduate and the total cost per graduate to less than those of the CPI. As updated information becomes available on the projected inflation rate for the next fiscal year and outyears, the targets will be adjusted accordingly.

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#### Other Performance Information

NTID has entered into a three-way partnership with Cornell University and the Social Security Administration (SSA) to track the educational and professional attainment of deaf and hard-of-hearing students who applied to NTID from 1965 to the present. The study anonymously links SSA records data to applicant files. The initial findings suggested that NTID alumni earned more, made use of Supplemental Security Income and Social Security Disability Insurance less, and were employed at a higher rate than the deaf and hard-of-hearing NTID applicants who were either denied admission or withdrew. Cornell researchers have also used these data to look at the factors that determine both educational success and SSA program outcomes.

NTID has partnered with the Internal Revenue Service, Social Security Administration, and Cornell University to further analyze available data and determined that, on average, NTID graduates fare better than their deaf or hard-of-hearing peers at ages 40 and 50, as detailed in the tables below.

<b>Deaf and hard-of-hearing individuals at age 40</b>	<b>Participate in Supplemental Security Income</b>	<b>Participate in Social Security Disability Insurance</b>
NTID associate degree graduates	<2%	28%
NTID bachelor degree graduates		18%
NTID students who withdrew from NTID	8%	35%
Non-NTID college graduates	5%	20%

<b>Deaf and hard-of-hearing individuals at age 50</b>	<b>Report Earnings</b>	<b>Median Salary</b>
NTID graduates with bachelor degrees	78%	\$ 58,000
NTID graduates with associate degrees	73%	\$ 41,000
NTID students who withdrew from NTID	58%	\$ 34,000
Non-NTID college graduates	69%	\$ 21,000