

Independent Auditors' Reports as Required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards and Government Auditing Standards, and Related Information

Year ended June 30, 2018

Independent Auditors' Reports as Required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards and Government Auditing Standards, and Related Information

Year ended June 30, 2018

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KPMG LLP 515 Broadway Albany, NY 12207-2974

Independent Auditors' Report

The Board of Directors The Research Foundation for The State University of New York:

Report on the Financial Statements

We have audited the accompanying financial statements of The Research Foundation for The State University of New York (the RF), which comprise the balance sheets as of June 30, 2018 and 2017, the related statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of The Research Foundation for The State University of New York as of June 30, 2018 and 2017, and the changes in its net assets (deficit) and its cash flows for the years then ended, in accordance with U.S. generally accepted accounting principles.



Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 23, 2018, on our consideration of the RF's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the RF's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the RF's internal control over financial reporting and compliance.



October 23, 2018

Balance Sheets

June 30, 2018 and 2017

Current assets: \$ 432,536 150,600 Accounts receivable, net 209,871,576 211,424,250 Advances to others 10,937,904 16,577,957 Investments 340,255,543 193,425,573 Due from broker for securities sold 14,400,029 17,700,000 Other current assets 577,635,529 426,061,884 Noncurrent assets: 26,799,124 21,086,771 Investments 28,673,990 352,456,870 Intangible assets, net 343,657,395 362,456,870 Intangible assets, net 28,614,884 42,799,400 Other noncurrent assets 406,262,617 422,13,148 Liabilities and Net Assets 29,83,898,146 849,213,148 Current liabilities: Accounde payable and accrued expenses \$ 983,898,146 849,213,148 Current liabilities: 22,757,428 16,335,604 426,007,71 20,007,741 20,503 Accrued eave 29,757,428 16,335,804 426,207,71 16,335,804 426,207,714 16,335,804 426,207,714 20,500,01 16,4176,100 227	Assets	_	2018	2017
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Postretirement benefit obligation 98,510,093 133,624,147 Other deferred revenue 89,556,935 107,693,724 Capital lease obligations, net of current portion 235,232,113 250,943,913 Long-term debt, net of current portion 8,367,857 4,065,000 Other liabilities 7,645,333 7,477,575 Total noncurrent liabilities 439,312,331 503,804,359 Total liabilities 924,567,610 874,780,214 Net assets (deficit): 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)	Total current liabilities	_	485,255,279	370,975,855
Other deferred revenue 89,556,935 107,693,724 Capital lease obligations, net of current portion 235,232,113 250,943,913 Long-term debt, net of current portion 8,367,857 4,065,000 Other liabilities 7,645,333 7,477,575 Total noncurrent liabilities 439,312,331 503,804,359 Total liabilities 924,567,610 874,780,214 Net assets (deficit): 14,015,734 (50,270,200) Available for operations 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)	Noncurrent liabilities:			
Other deferred revenue 89,556,935 107,693,724 Capital lease obligations, net of current portion 235,232,113 250,943,913 Long-term debt, net of current portion 8,367,857 4,065,000 Other liabilities 7,645,333 7,477,575 Total noncurrent liabilities 439,312,331 503,804,359 Total liabilities 924,567,610 874,780,214 Net assets (deficit): 14,015,734 (50,270,200) Available for operations 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)	Postretirement benefit obligation		98,510,093	133,624,147
Capital lease obligations, net of current portion 235,232,113 250,943,913 Long-term debt, net of current portion 8,367,857 4,065,000 Other liabilities 7,645,333 7,477,575 Total noncurrent liabilities 439,312,331 503,804,359 Total liabilities 924,567,610 874,780,214 Net assets (deficit): 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)				
Long-term debt, net of current portion 8,367,857 4,065,000 Other liabilities 7,645,333 7,477,575 Total noncurrent liabilities 439,312,331 503,804,359 Total liabilities 924,567,610 874,780,214 Net assets (deficit): 439,312,734 (50,270,200) Available for operations 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)	Capital lease obligations, net of current portion			
Other liabilities 7,645,333 7,477,575 Total noncurrent liabilities 439,312,331 503,804,359 Total liabilities 924,567,610 874,780,214 Net assets (deficit): 4xailable for operations 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)				
Total liabilities 924,567,610 874,780,214 Net assets (deficit): 44,015,734 (50,270,200) Available for operations 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)	•	_		
Net assets (deficit): Available for operations14,015,734 (50,270,200)Reserved for future postretirement benefit costs45,314,802Total net assets (deficit)59,330,536(25,567,066)	Total noncurrent liabilities	_	439,312,331	503,804,359
Available for operations 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)	Total liabilities	_	924,567,610	874,780,214
Available for operations 14,015,734 (50,270,200) Reserved for future postretirement benefit costs 45,314,802 24,703,134 Total net assets (deficit) 59,330,536 (25,567,066)	Net assets (deficit):			
Reserved for future postretirement benefit costs45,314,80224,703,134Total net assets (deficit)59,330,536(25,567,066)			14.015.734	(50,270,200)
	•	_		
Total liabilities and net assets (deficit) \$ 983,898,146 849,213,148	Total net assets (deficit)	_	59,330,536	(25,567,066)
	Total liabilities and net assets (deficit)	\$	983,898,146	849,213,148

See accompanying notes to financial statements.

Statements of Activities

Years ended June 30, 2018 and 2017

	-	2018	2017
Revenue:			
Grants for research and other sponsored activities:			
Federal	\$	311,011,268	287,772,414
Federal flow through		116,144,835	127,267,455
New York State		122,753,297	118,739,411
Private and other	-	208,483,429	219,557,301
Total grants for research and other sponsored activities	-	758,392,829	753,336,581
Indirect cost recoveries:			
Federal		90,980,184	87,668,537
Federal flow through		25,515,430	25,511,793
New York State		10,298,100	7,584,314
Private and other	-	13,144,789	14,174,328
Total indirect cost recoveries	-	139,938,503	134,938,972
Other research-related income:			
Inventions and licenses		7,854,836	6,796,176
Third-party service centers		10,510,748	10,930,950
Agency fees		8,054,785	7,645,985
Fixed price awards		6,055,515	13,207,222
Contributions		4,000,100	1,800,000
Institutional support funding		61,939,953	9,711,898
Other	-	1,179,401	4,419,348
Total other research-related income		99,595,338	54,511,579
Investment income, net	-	17,380,340	20,773,357
Total revenue	_	1,015,307,010	963,560,489
Expenses:			
Sponsored programs and other activities		770,564,300	748,956,185
Indirect administrative and support expenses:			
Salaries		65,010,429	67,650,165
Fringe benefits – postretirement		(2,829,705)	(6,931,553)
Fringe benefits – other		23,414,600	29,161,112
Professional services		13,833,592	15,475,154
Supplies		5,893,119	7,435,845
Depreciation Bad debt		5,806,351	6,263,814
Other		10,242,356	10,971,546
	-	35,931,481	36,505,849
Total indirect administrative and support expenses	-	157,302,223	166,531,932
Other research related expenses:			4 070 007
Inventions and licenses		5,035,212	4,378,887
Third-party service centers		10,098,599	9,283,983
Other	-	8,020,742	40,607,835
Total other research-related expenses	-	23,154,553	54,270,705
Total expenses	-	951,021,076	969,758,822
Change in net assets from revenue and expenses		64,285,934	(6,198,333)
Changes in net assets related to postretirement	-	20,611,668	13,253,427
Change in net assets		84,897,602	7,055,094
Net deficit at beginning of year	-	(25,567,066)	(32,622,160)
Net assets (deficit) at end of year	\$ <u>-</u>	59,330,536	(25,567,066)

See accompanying notes to financial statements.

Statements of Cash Flows

Years ended June 30, 2018 and 2017

	-	2018	2017
Cash flows from operating activities: Federal grants and contracts	\$	547,097,929	535,935,340
State and local grants and contracts	ψ	266,207,661	146,521,521
Private gifts and grants		232,937,012	279,682,606
Other receipts		274,970,561	244,213,061
Salaries and wages payments		(408,027,926)	(417,132,077)
Employee benefits payments		(142,795,293)	(167,122,333)
Payments to suppliers and vendors		(460,924,950)	(442,750,014)
Operating interest and dividends		3,676,861	1,279,834
Distribution from BSA partnership		2,370,000	2,210,000
Interest payments on capital debt and notes		(21,758,536)	(22,844,788)
Other payments	-	(83,170,185)	(82,134,885)
Net cash provided by operating activities	-	210,583,134	77,858,265
Cash flows from investing activities:			
Proceeds from sales of investments		247,542,913	156,963,202
Purchases of investments		(392,246,455)	(176,514,669)
Proceeds from sales of fixed assets		3,070,365	(56,670,996)
Cash paid for purchases of fixed and intangible assets	-	(62,365,048)	(56,679,886)
Net cash used in investing activities	-	(203,998,225)	(76,231,353)
Cash flows from financing activities:		(4.4.077 500)	(40 507 504)
Principal payments on long-term debt and capital lease obligations Proceeds from new long-term debt borrowings		(14,877,529) 5,500,000	(13,537,584)
Proceeds from line of credit		106,596,994	 110,964,172
Payments on line of credit		(103,522,438)	(99,643,658)
Net cash used in financing activities	-	(6,302,973)	(2,217,070)
Net increase (decrease) in cash and cash equivalents	-	281,936	(590,158)
Cash and cash equivalents, beginning of year		150,600	740,758
Cash and cash equivalents, end of year	\$	432,536	150,600
Reconciliation of change in net assets to net cash provided by operating activities:	-		
Change in net assets	\$	84,897,602	7,055,094
Adjustments to reconcile change in net assets to net cash provided by operating activities:			
Realized and unrealized net gains on investments		(11,218,474)	(17,443,901)
Depreciation and amortization		60,977,893	68,696,353
Net disposal of fixed assets		1,613,947	174,638
Donated fixed assets		(927,500)	(308,250)
Change in assets and liabilities that provide (use) cash:			
Accounts receivable, net, and other assets		7,855,279	25,068,671
Accounts payable and accrued expenses		(22,544,191)	(3,993,148)
Other assets and other liabilities		(1,546,257)	906,623
Deferred revenue		126,813,297	47,613,003
Deposits held for others		(224,408)	(1,899,224)
Postretirement benefit obligation	-	(35,114,054)	(48,011,594)
Net cash provided by operating activities	\$	210,583,134	77,858,265

See accompanying notes to financial statements.

Notes to Financial Statements

June 30, 2018 and 2017

(1) Organization

The Research Foundation for The State University of New York (RF) is the largest comprehensive university-connected research foundation in the country. It exists to serve the State University of New York (SUNY) by providing essential administrative services that enable SUNY faculty to focus their efforts on the education of students and the performance of life-changing research across a wide range of disciplines including medicine, engineering, physical sciences, energy, computer science, and social sciences.

The RF works with the academic and business leadership of SUNY to support research and discovery through administration of sponsored projects and technology transfer and management of intellectual property for public benefit and economic growth. The RF provides a central infrastructure of people, technology and processes that enable faculty to write and submit grant proposals to government agencies as well as nonprofit and for-profit organizations; establish contracts and manage funding that is awarded to run campus-based research projects; protect and commercialize intellectual property created within those projects; and practice and promote transparency and accountability throughout the process.

The RF comprises a central office and operating units at 30 state-operated campuses across New York State, and is governed by an independent board of directors. The RF was chartered in 1951 by the New York State Board of Regents as a nonprofit education corporation.

(2) Summary of Significant Accounting Polices

(a) Basis of Presentation

The accompanying financial statements of the RF are presented consistent with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) Topic 958, *Not-for-Profit Entities*.

(b) Use of Estimates

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make significant estimates and assumptions that affect the reported amounts of liabilities and net assets (deficit) and disclosures of contingencies as of the dates of the financial statements and the reported amounts of change in net assets (deficit) during the reporting periods. The most significant areas which are affected by the use of estimates include allowances for doubtful receivables, valuation of certain investments measured at net asset value, commitments and contingencies, useful lives and valuation of long-lived assets, and certain actuarial assumptions that affect the postretirement benefit obligation. Actual results could differ from those estimates and the differences between estimates and actual results could be significant.

(c) Revenue Recognition

Grants awarded for research and other sponsored activities represent funding derived from grants, cost reimbursement contracts, and cooperative agreements that provide for the recovery of direct and indirect costs, and are subject to sponsor audit. Revenue from grants and contracts awarded for research and other sponsored activities is recognized as the activities required under the grants or contract is performed, with performance generally measured based on direct costs incurred. Amounts received in excess of revenue recognized are recorded as deferred revenue. Recoveries of indirect costs provided from grants and contracts are recorded as revenue in the year in which the costs are eligible for reimbursement.

Notes to Financial Statements

June 30, 2018 and 2017

Investment income or loss includes dividends and interest, realized and unrealized gains and losses, and earnings from the RF's share in the Brookhaven Science Associates partnership (see note 3c). Purchases and sales of securities are recorded on a trade-date basis. Dividend income is recorded on the ex-dividend date. Interest income is recorded on the accrual basis of accounting. The average original purchase price of securities is used to determine the basis for computing realized gains or losses.

Inventions and licenses income consists of royalties received from licenses and is recognized on the accrual basis. The income is distributed based on SUNY's Patents and Inventions Policy which governs the apportionment of income to inventors and campuses. Campus expenditures of their shares of the income (which fall under the provisions of the Bayh-Dole Act), and inventors' shares are reflected in the RF's inventions and licenses expenses.

Other research-related income is recognized on the accrual basis and primarily consists of third-party service center revenue, nonsponsored income from activities such as proceeds from the sale of equipment, and fees earned for administering human resources, payroll, purchasing and payables services to university-related organizations, such as foundations or clinical practice plans.

(d) Cash Equivalents

Cash equivalents include short-term, highly liquid investments with an original maturity of three months or less at the time of purchase, exclusive of amounts classified as investments. Cash equivalents are stated at fair value and are considered a Level 1 financial asset as defined in note 5.

(e) Accounts Receivable

Accounts receivable includes:

- (1) Deficit balances from sponsored program activity that result when spending occurs in advance of when funds are received;
- (2) Deficit balances from service centers that are established and maintained to provide a specific service to sponsored programs and other users, recognized as rates are periodically adjusted to reflect actual expenses of those centers; and
- (3) Amounts billed and due from external sources of funding for other research-related income.

Accounts receivable is reported net of an allowance for doubtful accounts. The RF's allowance for doubtful accounts as of June 30, 2018 and 2017 was \$29.3 million and \$28.3 million, respectively.

Notes to Financial Statements

June 30, 2018 and 2017

Accounts receivable, net of the allowance for doubtful accounts, is summarized as follows as of June 30;

	-	2018	2017
Accounts receivable:			
Federal	\$	51,973,386	38,746,775
Federal flow through		50,866,614	55,319,225
New York State		72,726,150	65,200,208
Private and other	-	34,305,426	52,158,042
	\$_	209,871,576	211,424,250

(f) Investments

Investments are reported at fair value, which is generally the price that would be received from selling an asset in an orderly transaction between market participants at the measurement date. Certain investments in limited liability partnerships and corporations are measured at net asset value or its equivalent as a practical expedient to estimating fair value.

(g) Fixed and Intangible Assets

Fixed and intangible assets are stated at cost, net of accumulated depreciation and amortization, and are depreciated on a straight-line basis over the estimated useful lives of the assets. Using historical and industry experience, estimated useful lives, with the exception of land, range from five to 50 years. The RF monitors its long-lived assets for impairment. If an indication of impairment is identified, the RF would perform the required analysis and, if applicable, it would record impairment charges.

Upon sale or retirement of capitalized assets, the cost and the related accumulated depreciation and amortization is removed from the accounts and a gain or loss is recorded. Depreciation and amortization expense for the years ended June 30, 2018 and 2017 was \$61.0 million and \$68.7 million, respectively.

The title to equipment purchased using sponsored funds is generally retained by the grantor institution until such time final disposition is determined. Accordingly, purchases of equipment charged to the respective grant or contract are not capitalized, except for equipment or infrastructure purchased under a sponsored program for the purpose of economic development and for which title is retained by the RF.

(h) Deferred Revenue

Deferred revenue includes:

(1) Surplus balances from sponsored program activity that result when funds are received in advance of spending, recognized into revenue under the terms of the sponsored program;

Notes to Financial Statements

June 30, 2018 and 2017

- (2) Purchases of capitalized equipment or intangible assets under sponsored programs related to economic development, recognized into revenue over the life of the asset;
- (3) Surplus balances from service centers that are established and maintained to provide a specific service to sponsored programs and other users, recognized as rates are periodically adjusted to reflect actual expenses of those centers.

Amounts estimated to be realized over a period greater than one year are reflected in noncurrent deferred revenue on the balance sheets and primarily stem from capitalized equipment and intangible assets purchased under sponsored programs related to economic development.

(i) Accrued Leave

RF employees are granted vacation and sick leave in varying amounts. In the event of termination or retirement, an employee is reimbursed for accumulated vacation up to a maximum of 30 days. Employees are not reimbursed for accumulated sick leave at termination; however, upon retirement up to 200 days of accumulated sick leave is considered in the computation of retirement benefits. Included in the leave accrual is an accrual for the net obligation under the sick leave benefit amounting to \$2.6 million and \$2.7 million as of June 30, 2018 and 2017, respectively.

(j) Postretirement Benefit Obligation

The RF has a defined medical benefit postretirement plan covering substantially all of its nonstudent eligible employees upon their retirement. The RF's postretirement obligations are based on calculations that incorporate various actuarial and other assumptions, including discount rates, mortality, assumed rates of return on plan assets, compensation increases, turnover rates, and healthcare cost trend rates. The RF reviews its assumptions on an annual basis and makes modifications to the assumptions based on current rates and trends when it is appropriate to do so. The effect of modifications to those assumptions is recorded in other changes to net deficit and amortized to net periodic cost over future periods using the 10% corridor method. The net periodic costs are recognized as employees render the services necessary to earn the postretirement benefits.

The RF maintains a Voluntary Employee Benefit Association (VEBA) trust for the postretirement benefit plan. The assets held in the VEBA trust reduce the accumulated postretirement benefit obligation, as reported on the accompanying balance sheets.

(k) Fair Value of Financial Instruments

The carrying amounts of accounts receivable, other current assets, accounts payable and accrued expenses, and deposits held for others approximate fair value due to the short duration of these financial instruments. See note 5 for additional information regarding fair value considerations with respect to investments.

(I) Tax Status

The RF has been determined by the Internal Revenue Service to be an organization described in Internal Revenue Code (IRC) Section 501(c)(3) and, therefore, is exempt from federal income taxes on related income pursuant to Section 501(a) of the Code.

Notes to Financial Statements

June 30, 2018 and 2017

On December 22, 2017, Public Law No. 115-97, also known as the Tax Cuts and Jobs Act (TCJA), was signed into law. TCJA includes generally applicable provisions, and several provisions that are specific to tax-exempt organizations such as the RF. Management has reviewed these provisions and their potential impact.

Management has determined there are no uncertain tax positions as of June 30, 2018 and 2017, and has concluded the enactment of TCJA will not have a material effect on the operations of the organization.

(m) Other Information

Advances to others and deposits held for others represent amounts related to agency activity at the campus and affiliated organization locations.

Various SUNY employees perform work on RF sponsored grants. SUNY pays these employees directly, and is reimbursed by the RF monthly. The related amounts due to SUNY are included in accrued compensation and consist of both a known and estimated component. The total liability to SUNY at June 30, 2018 and 2017 is approximately \$6.0 million and \$6.8 million, respectively.

The RF has two \$10 million endowment grants from the National Institute on Minority Health and Health Disparities (NIMHD), which are to be paid to the RF over a five-year period. The endowments are invested on behalf of the RF by the University at Albany Foundation (UAF) and the Health Science Center at Brooklyn Foundation, Inc. (HSCBF) under long-term service agreements. As of June 30, 2018 and 2017, the fair value of the funds was \$8.0 million and \$3.9 million, respectively. These balances were included in Investments and Net Assets (Deficit) on the Balance Sheets. Contributions of these funds of \$4.0 million and \$1.8 million are reflected in the Statements of Activities for the years ended June 30, 2018 and 2017, respectively, as other research-related income. The adjustments to fair value, net of related custodial expenses, of \$0.2 million in both 2018 and 2017, are also reflected in the Statements of Activities for the years ended June 30, 2018 and 2017, respectively.

Aside from the NIHMD endowment balances, the RFs net assets have no other donor-imposed restrictions.

(n) Reclassifications

Certain 2017 amounts have been reclassified to conform to the 2018 presentation.

(3) Affiliated Organizations

The RF has established partnerships to accelerate the growth of sponsored program and applied research opportunities at SUNY. Unless otherwise noted, these organizations are not controlled by or significantly influenced by the RF and do not impact the RF's financial statements. The affiliated organizations are as follows:

(a) BioBAT, Inc.

BioBAT, Inc. is a private, not-for-profit corporation formed by the RF (acting on behalf of SUNY Downstate Medical Center) and the New York City Economic Development Corporation (on behalf of

Notes to Financial Statements

June 30, 2018 and 2017

the City of New York) to develop the Brooklyn Army Terminal into a site for biotechnology and biopharmaceutical manufacturing, and research.

(b) Broad Hollow Bioscience Park, Inc.

Broad Hollow Bioscience Park, Inc. is a not-for-profit corporation formed by the RF (acting on behalf of Farmingdale State College) and Cold Spring Harbor Laboratory to operate an incubator facility on the Farmingdale State campus. Its purpose is to assist in the economic development of the region by attracting public and private funds to further biotechnology development through the commercialization of new technologies and the creation of new companies and jobs.

(c) Brookhaven Science Associates, LLC

Brookhaven Science Associates, LLC (BSA) is a limited liability company formed by the RF (acting on behalf of Stony Brook University) and Battelle Memorial Institute (Battelle). In 1998, the U.S. Department of Energy selected BSA to operate Brookhaven National Laboratory. BSA net earnings are allocated 50% each to Battelle and the RF.

The accompanying financial statements of the RF include its share of the net earnings/loss of BSA based on the operating results for the years ended June 30, 2018 and 2017. The RF records distributions received as a reduction of the investment balance.

(d) Buffalo 2020 Development Corporation

Buffalo 2020 Development Corporation was formed by the RF (acting on behalf of University at Buffalo) and FNUB, Inc., a subsidiary of the University at Buffalo Foundation, to enable the purchase, development, and construction of research-based facilities and infrastructure on University at Buffalo property on the downtown Buffalo, New York campus. These facilities will support the research, academic and economic development mission of the SUNY campus at Buffalo.

(e) CUBRC, Inc.

CUBRC, Inc. is a private, not-for-profit corporation formed by the RF (acting on behalf of the University at Buffalo) and other foundations. CUBRC, Inc.'s mission is to leverage the capabilities of scientists from academia and industry to provide economic opportunities in Western New York. CUBRC, Inc. competes for research programs that would not otherwise be available to the University at Buffalo.

(f) Downstate Technology Center, Inc.

Downstate Technology Center, Inc. is a private, not-for-profit corporation formed by the RF (acting on behalf of SUNY Downstate Medical Center) and the Health Science Center at Brooklyn Foundation, Inc. to provide for the construction of an advanced biotechnology incubator adjacent to the SUNY Downstate Medical Center. The facility seeks to advance medical research, provide incubator space and assist in the economic development of the Borough of Brooklyn.

(g) Empire Discovery Institute

Empire Discovery Institute (EDI) is a private, not-for-profit corporation, formed by the RF (acting on behalf of the University at Buffalo), along with the University of Rochester, and Roswell Park Comprehensive Cancer Center, during the fiscal year ended June 30, 2018. EDI was established to

Notes to Financial Statements

June 30, 2018 and 2017

provide infrastructure, funding and cross-institutional support for science research and education as well as scientific business ventures.

(h) Fort Schuyler Management Corporation

Fort Schuyler Management Corporation (FSMC) is a private, not-for-profit corporation, formed by the RF and the SUNY Polytechnic Institute Foundation. FSMC's objectives are to facilitate research and economic development activities of SUNY by purchasing, constructing, developing and managing research focused facilities on behalf of SUNY Poly at locations in Utica, Buffalo and various locations in New York State.

(i) Fuller Road Management Corporation

Fuller Road Management Corporation (FRMC) is a private, not-for-profit corporation formed by the RF and the SUNY Polytechnic Institute Foundation. FRMC provides for the construction of research facilities at SUNY Poly to promote research and development of early and late stage companies, and the creation of jobs, and the development of the region's economy.

(j) Long Island High Technology Incubator

Long Island High Technology Incubator (LIHTI) is a private, not-for-profit corporation formed by the RF (acting on behalf of Stony Brook University) and the Stony Brook Foundation, Inc. LIHTI's mission is the development of new high-technology companies.

(k) New York Genome Center

New York Genome Center (NYGC) is a private, not-for-profit corporation formed by the RF (acting on behalf of Stony Brook University) and other New York-based universities and academic medical centers. The RF participates in NYGC as an Institutional Founding Member. The mission of NYGC is to transform medical research and clinical care in and around New York City through the creation of what will become one of the largest genomics and bioinformatics facilities in North America.

(I) U.S. Photovoltaic Manufacturing Consortium, Inc.

The Photovoltaic Manufacturing Consortium (PVMC) is a private, not-for-profit corporation, formed by the RF (acting on behalf of SUNY Poly) and Sematech, Inc. to facilitate an industry-led consortium for cooperative research and development among industry, university, and government partners to accelerate the development, commercialization, and manufacturing of next-generation solar photovoltaic systems.

Notes to Financial Statements

June 30, 2018 and 2017

(4) Investments

The following is the composition of net investment income for the years ended June 30:

	 2018	2017
Dividends and interest	\$ 3,676,861	1,279,834
Net realized and unrealized gains	11,218,474	17,443,901
Income from investment in BSA partnership	 2,485,005	2,049,622
Total investment income	\$ 17,380,340	20,773,357

(5) Fair Value Measurements

Except for investments reported at net asset value (NAV) or its equivalent as a practical expedient to estimate fair value, fair value is measured using three levels as described below:

Level 1: Inputs are unadjusted quoted market prices in active markets for identical assets or liabilities that are assessable at the measurement date.

Level 2: Inputs are other than quoted prices in active markets that are observable either directly or indirectly and fair value is determined through the use of models or other valuation methodologies.

Level 3: Inputs used in valuation are unobservable.

The following is a description of the valuation methodologies used for investments measured at fair value:

Mutual funds and exchange traded funds are reported at current quoted fair values as of the balance sheet date.

Investments in limited liability partnerships and corporations represent investments measured at NAV or its equivalent and consist of a diversified portfolio of hedge funds of funds, real estate, domestic and foreign equity funds, fixed income securities and private equity funds in various investment vehicles. These investments, which are not exchange traded, do not have readily determinable fair values. These investments are typically redeemable at NAV under the terms of the investment agreements. Estimates of fair value are made using NAV per share or its equivalent as a practical expedient are not categorized in the fair value hierarchy.

The investments in the pooled endowment portfolios are reported at the NAV of the RF's interest in the portfolios as a practical expedient to estimate fair value. The pooled endowments use diversified investment approaches incorporating multiple asset classes, strategies and managers, including alternative investment funds involving hedged and private equity strategies.

Notes to Financial Statements

June 30, 2018 and 2017

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although RF believes its valuation methodologies are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine fair value of certain financial instruments could result in a materially different fair value measurement at the reporting dates.

The following tables summarize, as of June 30, 2018 and 2017, the RF's investments as well as the liquidity redemption and notification provisions:

	2018							
	Total	Level 1	Level 2	Level 3	Redemption frequency	Days notice		
Investments:								
Cash equivalents	\$ 130,179,440	130,179,440	_	_	Daily	1		
Mutual and exchange traded funds:								
U.S. government fixed income	43,838,504	43,838,504	_	_	Daily	1		
U.S. equities	22,660,997	22,660,997	—	—	Daily	1		
Absolute multistrategy return	1,105,483	1,105,483	—	—	Daily	1		
Foreign equities	17,858,201	17,858,201	—	—	Daily	1-15		
Real estate	12,922,289	12,922,289	—	—	Daily	1		
U.S. equities	213,848	213,848	—	—	Daily	4		
Investments measured at NAV or its								
equivalent:								
Absolute multistrategy return	27,184,338	—	—	—	Monthly/Quarterly	45 to 95		
Credit securities	14,760,829	—	—	—	Monthly/Quarterly	30 to 45		
Global equities	29,117,560	—	—	—	Mthly/Qtrly/Annly	30 to 90		
Hedged equities	40,414,054	—	—	—	Quarterly	90		
Private equity	15,559,184	—	—	—	See (a) below	N/A		
Pooled endow ments	7,979,153			_	See (b) below	N/A		
Total investments at fair								
value	363,793,880	228,778,762	—	—				
Investment in BSA partnership	3,260,787			_	N/A	N/A		
Total investments	\$	228,778,762		_				

Notes to Financial Statements

June 30, 2018 and 2017

		2017					
	Total	Level 1	Level 2	Level 3	Redemption frequency	Days notice	
Investments:							
Cash equivalents	\$ 47,767,310	47,767,310	—	_	Daily	1	
Mutual and exchange traded funds:							
U.S. government fixed income	24,386,226	24,386,226	—	_	Daily	1	
U.S. equities	5,215,212	5,215,212	—	_	Daily	1	
Absolute multistrategy return	1,959,064	1,959,064	—	_	Daily	1	
Foreign equities	13,040,137	13,040,137	—	_	Daily	1-15	
Real estate	6,435,101	6,435,101	—	_	Daily	1	
U.S. equities	3,319,051	3,319,051	—	_	Daily	4	
Investments measured at NAV or its							
equivalent:							
Absolute multistrategy return	18,484,548	—	—	_	Monthly/Quarterly	45 to 95	
Credit securities	11,417,835	_	_	_	Monthly/Quarterly	30 to 45	
Global equities	30,725,940	_	_	_	Mthly/Qtrly/Annly	30 to 90	
Hedged equities	30,675,149	_	_	_	Quarterly	90	
Private equity	14,196,513	_	_	_	See (a) below	N/A	
Pooled endow ments	3,904,940			_	See (b) below	N/A	
Total investments at fair							
value	211,527,026	102,122,101	_	—			
Investment in BSA partnership	2,985,318				N/A	N/A	
Total investments	\$	102,122,101					

- (a) Private equity fund investments include noncontrolling shares or interests in funds where the controlling general partner serves as the investment's manager. Such investments are generally not eligible for redemption from the fund or general partner, but can potentially be sold to third-party buyers in private transactions. It is the intent of the RF to hold these investments until the fund has fully distributed all proceeds to the investors.
- (b) Under the service agreements with UAF and HSCBF, investment accounts were established at UAF and HSCBF with the funds received by the RF under the NIMHD grants, as described in note 2(I). These investment accounts are treated as term endowments with the corpus not to be expended for at least 20 years and with an annual distribution of fund income for programmatic spending by the RF. The terms of the UAF and HSCBF agreements are through March 31, 2046 and December 31, 2042, respectively, with further extension possible at the discretion of the parties.

There has been no transfer activity among levels for investments during fiscal years 2018 and 2017. The RF has unfunded commitments to private equity investments as of June 30, 2018 of approximately \$10.5 million.

Notes to Financial Statements

June 30, 2018 and 2017

(6) Other Assets and Other Liabilities

Other assets and liabilities consist of the following at June 30:

	 2018	2017
Other assets:		
Current:		
Royalties receivable	\$ 1,660,000	2,755,763
Miscellaneous	 77,941	27,741
Total other current assets	 1,737,941	2,783,504
Noncurrent:		
Deferred compensation assets	 7,191,234	6,808,223
Total other noncurrent assets	 7,191,234	6,808,223
Total other assets \$	\$ 8,929,175	9,591,727
Other liabilities – noncurrent:		
Deferred compensation obligation	\$ 7,191,234	6,808,223
Interest rate swap agreement	 454,099	669,352
Total other liabilities	\$ 7,645,333	7,477,575

The RF maintains a deferred compensation plan established in accordance with Section 457(b) of the IRC. Plan assets are a part of the general assets of the RF, which are subject to claims of creditors of the RF. For the years ended June 30, 2018 and 2017, respectively, the assets consist of mutual funds of approximately \$3.3 million and \$2.9 million, which involve Level 1 inputs under the fair value hierarchy, variable annuities of approximately \$2.7 million and \$2.7 million, which are recorded at NAV, and fully benefit-responsive annuity contracts of approximately \$1.2 million and \$1.2 million, which are recorded at contract value.

As indicated in note 11(b), the RF currently has an interest rate swap that is adjusted, through net deficit, to fair value involving Level 2 inputs under the fair value hierarchy.

Notes to Financial Statements

June 30, 2018 and 2017

(7) Fixed Assets

Fixed asset classification		Fixed assets June 30, 2017	Additions	Dispositions/ retirements	Placed in service	Fixed assets June 30, 2018
Building	\$	6,500,000	—	—	—	6,500,000
Building – capital lease		317,704,048	—	—	—	317,704,048
Research and office equipment		170,176,376	21,346,966	(43,874,044)	32,743,894	180,393,192
Information systems		25,462,324	—	_	—	25,462,324
Construction in progress		43,271,804	41,945,582	(6,799,010)	(32,743,894)	45,674,482
	-					
Total fixed assets	-	563,114,552	63,292,548	(50,673,054)		575,734,046
Less accumulated depreciation:						
Building		1,950,000	130,000	_	_	2,080,000
Building – capital lease		89,354,263	19.856,503	_	_	109,210,766
Research and office equipment		93,909,819	26,796,744	(25,374,387)	_	95,332,176
Information systems		25,443,600	10,109			25,453,709
Total accumulated	-					
depreciation	-	210,657,682	46,793,356	(25,374,387)		232,076,651
Fixed assets, net	\$	352,456,870	16,499,192	(25,298,667)		343,657,395

There is no depreciation expense associated with construction in progress assets as they have not yet been placed in service. Upon being placed in service, the assets, primarily consisting of research equipment, are classified in the appropriate categories above and depreciated over their useful lives.

"Dispositions/retirements" as presented above includes research equipment assets with a cost of \$49.3 million and a net book value of \$25.1 million that were either retired or designated for scrap disposal, as a result of the discontinuance of certain programs at SUNY Poly. \$23.7 million of that net book value reduction was recorded as a reduction to deferred revenue, as this portion had not yet been recognized into revenue over the life of the asset as described in note 2(h).

Notes to Financial Statements

June 30, 2018 and 2017

(8) Intangible Assets

Intangible asset classification		Intangible assets June 30, 2017	Additions	Dispositions/ _retirements	Intangible assets June 30, 2018
Technology licenses	\$	99,200,000	_	_	99,200,000
Capitalized software	_	8,029,824			8,029,824
Total intangible					
assets	_	107,229,824			107,229,824
Less accumulated amortization:					
Technology licenses		61,627,286	12,578,571	_	74,205,857
Capitalized software	_	2,803,138	1,605,965		4,409,103
Total accumulated					
amortization	_	64,430,424	14,184,536		78,614,960
Intangible assets,					
net	\$_	42,799,400	(14,184,536)		28,614,864

The approximate annual amortization of the intangible assets over the next five years is as follows:

Fiscal year ending:	
2019	\$ 12,538,000
2020	7,547,000
2021	4,422,000
2022	1,966,000
2023	1,429,000

(9) Postretirement Benefit Obligation

(a) Plan Information

The RF sponsors a defined benefit postretirement plan that covers substantially all nonstudent employees. The plan provides postretirement medical benefits and is contributory for employees hired after 1985. Retirees who were hired after 1985 are subject to cost sharing requirements with respect to medical coverage. With respect to dental coverage, retirees must pay the full premium cost of the coverage selected.

Notes to Financial Statements

June 30, 2018 and 2017

(b) Plan Funded Status and Related Assumptions

Annual contributions to fund the plan are made by the RF pursuant to a funding policy established by the RF's board of directors. For payment of benefits under the plan, the RF established a VEBA trust with Bank of New York Mellon as the trustee. The VEBA trust held assets of \$234.9 million and \$217.4 million as of June 30, 2018 and 2017, respectively. Current obligations are assumed to be paid out of the trust assets, with the remaining unfunded obligation reflected as a noncurrent liability of the RF. There were approximately 6,800 and 7,100 participants in the plan as of July 1, 2017 and 2016.

The following table sets forth the plan's funded status reconciled with the amount shown in the accompanying financial statements at June 30:

	-	2018	2017
Change in benefit obligation:			
Benefit obligation at beginning of year	\$	351,049,609	357,982,617
Service cost		10,373,062	11,570,036
Interest cost		12,330,180	11,995,430
Plan participants' contributions		1,460,622	1,051,845
Retiree drug subsidy receipts		—	243,802
Actuarial gain		(32,416,371)	(19,281,500)
Benefits paid		(9,408,513)	(12,512,621)
Benefit obligation at end of year	-	333,388,589	351,049,609
Change in plan assets:			
Fair value of plan assets at beginning of year		217,425,462	176,346,876
Return on plan assets		19,908,336	22,160,487
Employer contributions		5,492,589	30,135,073
Plan participants' contributions		1,460,622	1,051,845
Retiree drug subsidy receipts			243,802
Benefits paid	-	(9,408,513)	(12,512,621)
Fair value of plan assets at end of year	-	234,878,496	217,425,462
Funded status and amount recognized in balance sheet	\$	(98,510,093)	(133,624,147)
Reserve for future postretirement benefit costs:			
Prior service credit	\$	205,191,027	239,666,718
Net actuarial loss	-	(159,876,225)	(214,963,584)
Total	\$	45,314,802	24,703,134
Weighted average assumptions used to determine	-		
benefit obligation:			
Discount rate at end of year		4.05%	3.71%

Notes to Financial Statements

June 30, 2018 and 2017

	_	2018	2017
Components of net periodic benefit cost:	_		
Service cost	\$	10,373,062	11,570,036
Interest cost		12,330,180	11,995,430
Expected return on plan assets		(14,809,703)	(13,668,548)
Amortization of:			
Prior service credit		(34,475,691)	(38,023,691)
Actuarial loss	_	17,572,355	23,503,679
Net periodic benefit gain	\$_	(9,009,797)	(4,623,094)
Weighted average assumptions used to determine net periodic benefit cost:			
Discount rate for the year		3.71%	3.40%
Expected long-term rate of return		7.00	7.00
	_	2018	2017
Other changes in plan assets and benefit obligations recognized in unrestricted net assets:			
Net actuarial gain Amortization of:	\$	37,515,004	27,773,439
Prior service credit		(34,475,691)	(38,023,691)
Actuarial loss	_	17,572,355	23,503,679
Total recognized as increase in net assets	\$_	20,611,668	13,253,427

Expected amounts to be amortized from net assets into net periodic benefit cost for fiscal year ended 2018 include prior service credit of \$32.2 million and actuarial loss of \$13.2 million.

Estimated net benefit payments over future years are as follows:

\$ 12,984,000
14,049,000
15,011,000
16,061,000
17,164,000
96,559,000
\$

Notes to Financial Statements

June 30, 2018 and 2017

For measurement purposes, the initial trend rates vary by coverage. The health maintenance organization rate is 7.00%, the preferred provider organization (PPO) rate is 7.00%, the PPO prescription rate is 9.50%, and administrative fees are 5.00%. Trend rates grade down to an ultimate rate between 4.60% and 5.45% in 2025 and later.

Assumed healthcare cost trend rates have a significant effect on the amounts reported for the healthcare plans. A one-percentage point change in assumed healthcare cost trend rates would have the following effects:

		One-percen	tage point
	_	increase	decrease
Effect on total service and interest cost components	\$	4,554,536	(3,562,243)
Effect on postretirement benefit obligation		54,278,943	(43,794,373)

(c) Fair Value of Plan Assets

The following tables summarize as of June 30, 2018 and 2017, the RF's defined benefit postretirement plan's investments held in the VEBA trust, including the redemption and notification provisions. The hierarchy and inputs to valuation techniques to measure fair value of the plan's investments are outlined above in note 5.

		2018						
	-	Total	Level 1	Level 2	Level 3	Redemption frequency	Days' notice	
Investments:								
Cash equivalents	\$	7,498,949	7,498,949	_	_	Daily	1	
Mutual and exchange traded funds:								
U.S. government fixed income		22,220,962	22,220,962	—	—	Daily	1	
U.S. equities		14,883,626	14,883,626	_	_	Daily	1	
Absolute multistrategy return		3,620,821	3,620,821	—	—	Daily	1	
Foreign equities		16,184,310	16,184,310	—	—	Daily	1-15	
Real estate		10,949,769	10,949,769	—	—	Daily	1	
Hedged equities		2,890,496	2,890,496	—	—	Daily	1	
Investments measured at NAV or its equivalent:								
Absolute multistrategy return		20,403,378	_	_	_	Monthly/Quarterly	45 to 95	
Global equities		47,751,381	_	_	_	Quarterly/Annually	30 to 90	
Hedged equities		54,381,937	_	—	—	Quarterly	90	
Private equity	-	34,092,867				See note 5(a)	N/A	
	\$_	234,878,496	78,248,933		_	_		

Notes to Financial Statements

June 30, 2018 and 2017

		2017						
		Total	Level 1	Level 2	Level 3	Redemption frequency	Days' notice	
Investments:								
Cash equivalents	\$	1,136,936	1,136,936	—	_	Daily	1	
Mutual and exchange traded funds:								
U.S. government fixed income		24,831,182	24,831,182	_	_	Daily	1	
U.S. equities		9,475,614	9,475,614	—	_	Daily	1	
Absolute multistrategy return		5,289,474	5,289,474	_	_	Daily	1	
Foreign equities		18,451,173	18,451,173	—	_	Daily	1-15	
Real estate		10,170,976	10,170,976	_	_	Daily	1	
Investments measured at NAV or its equivalent:								
Absolute multistrategy return		17,421,811	_	_	_	Monthly/Quarterly	45 to 95	
Global equities		50,733,659	_	_	_	Quarterly/Annually	30 to 90	
Hedged equities		49,285,665	_	_	_	Quarterly	90	
Private equity	-	30,628,972			_	See note 5(a)	N/A	
	\$	217,425,462	69,355,355	_	_			

There has been no transfer activity among levels for investments during fiscal years 2018 and 2017. The RF has unfunded commitments to the plan's private equity investments at June 30, 2018 of approximately \$23.1 million.

(d) Investment Policies and Strategies

The plan's primary investment goal is to meet the ongoing obligations while minimizing contributions and controlling risks. This would result in funding short-term liabilities with lower volatility short-term assets, intermediate-term liabilities with moderate-volatility assets and longer-term liabilities with long-term assets.

By use of this structure, and by the diversification of assets, the total portfolio risk exposure and risk adjusted returns meet the plan's long-term total return goal.

The RF's investment managers, under agreement to manage the plan assets kept in the VEBA trust, exercise full investment discretion within the investment policy approved by the RF board of directors, and guidelines as described in the respective investment agreements. Assets must be managed with the care, skill, prudence, and diligence that a prudent investment professional in similar circumstances would exercise, in compliance with applicable laws and regulations.

(e) Basis Used to Determine the Overall Expected Long-Term Rate of Return on Assets Assumption

The RF works with a consultant to develop long-term rate of return assumptions used to model and determine the overall asset allocation. The return assumptions used in the asset allocation analysis are based on a building block approach in which risk premium is calculated for each asset class and adjusted for current market conditions including, but not limited to, current market valuations, yield, inflation, and various economic indicators.

Notes to Financial Statements

June 30, 2018 and 2017

The plan's asset allocation, utilizing various investment vehicles, as of June 30, 2018, as shown in the table below, is expected to meet the plan's expected return:

	Long-term	Short-term		
Asset class	target	target	Ranges	Actual
Cash	1%	1%	0%–10%	1%
Fixed income:				
Government bonds	8%	5%	0%–30%	4%
Credit	4	4	0%–20%	5
Private debt	9	3	0%–20%	3
Equities:				
Global equities	35%	38%	20%–50%	41%
Hedged equities	15	19	0%–25%	19
Private equity	10	7	0%–25%	7
Absolute return	5%	7%	0%–20%	6%
Real assets:				
Inflation-protected	3%	6%	0%–10%	5%
Commodities	—	—	0%–10%	
Global real estate	10	10	5%–20%	9

(10) Retirement Plan

The RF maintains a noncontributory Section 401(a) retirement plan for substantially all nonstudent employees. Contributions are based on a percentage of earnings and range from 7% to 15%, depending on date of hire. In addition, the RF provides an additional pension contribution if an employee retires and meets the age and service requirements for retiree health insurance. This additional contribution is calculated by multiplying the value of the employee's accrued sick leave, up to a maximum of 200 days, by the employee's contribution rate at the time of retirement. Employees become eligible to participate after completing one year of service (a one-year waiting period from their date of hire). At that time, contributions begin and they gain ownership of all future contributions made to their retirement accounts while employed by the RF.

Contributions are allocated to individual employee accounts. Vested participants have the option of having contributions to their accounts deposited in either, a guaranteed income account, an assortment of mutual funds, stocks, bonds, real estate, and money market investments, or a selection of nonproprietary funds that are offered by the Teachers Insurance and Annuity Association (TIAA). The payroll for RF employees covered by TIAA for the years ended June 30, 2018 and 2017 was approximately \$363.5 million and \$368.3 million, respectively. The RF retirement plan contributions were approximately \$31.3 million and \$31.4 million for the years ended June 30, 2018 and 2017, respectively. These contributions are equal to 100% of the required contributions for the year.

Notes to Financial Statements

June 30, 2018 and 2017

(11) Long-Term Obligations

		Balance			
		June 30, 2018	June 30, 2017		
Long-term obligations:					
Capital lease obligation; see note (a) below	\$	250,943,913	265,420,013		
Bonds payable to Albany Industrial Development Agency					
(AIDA); see note (b) below		4,065,000	4,270,000		
Note payable to Citizens Bank; see note (c) below	-	5,303,571			
Total long-term obligations	\$	260,312,484	269,690,013		

- (a) The RF is party to a capital lease for the NanoFabXtension (NFX) facility with FRMC. The lease commenced on January 1, 2013 and expires on December 31, 2028. During the lease term, the RF's payments under the capital lease will be an annual amount equal to the greater of (a) \$36 million or (b) all scheduled payments of principal and interest and related payments due under a credit agreement that FRMC has with a financial institution for financing of the NFX facility.
- (b) The RF has an interest rate swap agreement, on the variable-rate AIDA bonds payable, with the Bank of New York to pay a fixed rate of interest of 3.615%. The bonds payable mature in 2032.
- (c) The RF has a fixed rate term loan with Citizens Bank with an interest rate of 3.68%, which commenced on February 2, 2018 and expires on February 1, 2025 and is fully collateralized by certain of the RF's. marketable securities.

Future scheduled payments as of June 30, 2018 are as follows:

	_	Capital leas	e obligation	ation Bonds and notes pay		
	_	Principal	Interest	Principal	Interest	
Fiscal year:						
2019	\$	15,711,800	20,288,200	1,000,714	197,362	
2020		17,052,981	18,947,019	1,005,714	167,964	
2021		18,508,646	17,491,354	1,015,714	137,733	
2022		20,088,570	15,911,430	1,020,714	107,879	
2023		21,803,357	14,196,643	1,030,714	77,985	
Thereafter	_	157,778,559	40,221,442	4,295,001	102,300	
Total	\$_	250,943,913	127,056,088	9,368,571	791,223	

Notes to Financial Statements

June 30, 2018 and 2017

Line of Credit

The RF maintains unsecured lines of credit, with no fixed maturity date, in the amount of \$65.0 million of which \$31.8 million and \$28.7 million were outstanding as of June 30, 2018 and 2017, respectively. During the year ended June 30, 2018, the borrowing rates ranged between 1.81 - 2.875%. The terms of the lines include the specification that each draw must be repaid within one year, and that the bank has the right to demand full repayment of these lines of credit at any time. There has been no indication by the bank of its intent to exercise this right.

(12) Commitments and Contingencies

(a) Commitments

The RF has commitments under its NFX capital lease as well as agreements with industry partners to support the mission of the SUNY Poly campus, some of which are pending sponsorship or other funding. As of the issuance date of these financial statements, the RF does not anticipate any shortfalls of funding under these commitments to be material in nature.

(b) Operating Lease Obligations

The RF contracts with FRMC and various other entities to lease space as part of its mission to support SUNY research and partnerships. Future minimum payments, as of June 30, 2018, for lease terms in excess of one year are as follows:

Fiscal year		FRMC	Other	Total
2019	\$	9,714,458	6,256,746	15,971,204
2020		9,714,458	6,182,148	15,896,606
2021		7,464,458	5,757,007	13,221,465
2022		7,014,458	2,902,846	9,917,304
2023		7,014,458	2,331,367	9,345,825
Thereafter		85,927,111	8,284,637	94,211,748
Total	\$_	126,849,401	31,714,751	158,564,152

In May 2005, the RF, as tenant, and FRMC, as landlord, executed an agreement for the lease of clean room facilities, which are used for nanotechnology-related research and development at SUNY Poly. Rent payments made by the RF pursuant to the agreement for each of the years ended June 30, 2018 and 2017 were approximately \$7.0 million. The annual rental payments may escalate annually at a rate not to exceed one percent. The term of the lease is from May 20, 2005 through September 30, 2035.

(c) Contingencies

During the ordinary course of business, the RF is exposed to risks associated with legal proceedings and claims. A liability is recognized with respect to legal proceedings and claims if incurrence of a loss is probable and the amount of loss is reasonably estimable. It is not anticipated that potential liability from any matters as yet unresolved as of the issuance date will have a material effect on the RF's financial condition and/or cash flows.

Notes to Financial Statements

June 30, 2018 and 2017

(13) Subsequent Events

The RF considers events or transactions that occur after the balance sheet date, but before the financial statements are issued, to provide additional evidence relative to certain estimates or to identify matters that require additional disclosure. These financial statements covering the year ended June 30, 2018 were available to be issued on October 23, 2018 and subsequent events have been evaluated through that date.

BACK AND OPER OF MANY CLUSTER; Income Income<	Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
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FORESTRY RESEARCH 10.652 \$30,450 FORESTRY RESEARCH 10.652 WATERSHED AGRICULTURAL COUNCIL UNITED STATES ENDOWMENT FOR FORESTRY AND COMMUNITIES 442 \$55,354 FORESTRY RESEARCH 10.652 INCORPORATED FORESTRY AND COMMUNITIES 16-67 \$15,403 \$503,3 FORESTRY RESEARCH 10.652 INCORPORATED NYS DEPARTMENT OF 16-67 \$139,598 \$139,59 COOPERATIVE FORESTRY ASSISTANCE URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 YS DEPARTMENT OF \$45,485 \$45,485 URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF \$45,485 \$69,260 URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF \$69,260 \$132,57 URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF \$69,260 \$132,57 URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF \$69,260 \$132,57	FORESTRY RESEARCH	10.652			\$109,283			
FORESTRY RESEARCH 10.652 WATERSHED AGRICULTURAL COUNCIL UNITED STATES ENDOWMENT FOR FORESTRY AND COMMUNITY SOLUTION 442 \$55,354 FORESTRY RESEARCH 10.652 WATERSHED AGRICULTURAL COUNCIL UNITED STATES ENDOWMENT FOR FORESTRY AND COMMUNITY SOLUTION \$15,403 \$50,334 FORESTRY AND COMMUNITY FORESTRY ANSISTANCE URBAN AND COMMUNITY FORESTRY PROGRAM 10.652 INCORPORATED EVIRONMENTAL CONSERVATION 10.675 E16-67 \$139,598 \$139,598 URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 S139,598 \$139,598 \$139,598 URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF NYS DEPARTMENT OF \$45,485 \$45,485 URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF NYS DEPARTMENT OF URBAN AND COMMUNITY FORESTRY PROGRAM \$46,485 \$45,485 URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF NYS DEPARTMENT OF SLOW THE SPREAD FOUNDARTION \$410,093 \$68,035 \$182,71	FORESTRY RESEARCH	10.652			\$10,649			
FORESTRY RESEARCH 10.652 WATERSHED AGRICULTURAL COUNCIL 442 \$55,354 UNITED STATES ENDOWMENT FOR FORESTRY AND COMMUNITIES FORESTRY AND COMMUNITIES FORESTRY ASSISTANCE 10.652 INCORPORATED E16-67 \$15,403 \$503,3 UNS DEPARTMENT OF URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 UNS DEPARTMENT OF UNS DEPARTMENT OF UNS DEPARTMENT OF UNS DEPARTMENT OF SEQUENCING AMMUNITY FORESTRY PROGRAM 10.675 UNS DEPARTMENT OF SEQUENCING AMMUNITY FORESTRY PROGRAM 10.675 UNS DEPARTMENT OF SEQUENCING AMMUNITY FORESTRY PROGRAM 10.675 UNS DEPARTMENT OF SEQUENCING AMMUNITY FORESTRY PROGRAM 10.675 SEQUENCING AMMUNITY FORESTRY PROGRAM 10.675 SEQUENCING AMMUNITY FORESTRY PROGRAM 10.675 UNS DEPARTMENT OF SEQUENCING AMMUNITY FORESTRY PROGRAM 10.675 SEQUENCING AMMUNITY FOR SET	FORESTRY RESEARCH	10.652			\$30,450			
FORESTRY AND COMMUNITY FORESTRY PROGRAM 10.67 INS DEPARTMENT OF SLOW AND COMMUNITY FORESTRY AND COMMUNITY FORESTRY PROGRAM 10.67 SLOW THE SPREAD FOUND AND COMMUNITY FORESTRY PROGRAM 10.67 SLOW THE SPREAD FOUNDATION AM10293 S68,035 S182,7	FORESTRY RESEARCH	10.652			\$55,450			
ORESTRY RESEARCH 10.652 INCORPORATED NYS DEPARTMENT OF E16-67 \$15,403 \$503,3 OOPERATIVE FORESTRY ASSISTANCE 10.664 ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF AM09871 \$139,598 \$139,598 COMPRATIVE FORESTRY PROGRAM 10.675 \$45,485 \$45,485 \$45,485 RBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF \$46,485 \$45,485 RBAN AND COMMUNITY FORESTRY PROGRAM 10.675 ENVIRONMENTAL CONSERVATION AM10293 \$68,035 \$182,71	DRESTRY RESEARCH	10.652	UNITED STATES ENDOWMENT FOR	442		\$55,354		
DODPERATIVE FORESTRY ASSISTANCE 10.664 ENVIRONMENTAL CONSERVATION AM09871 \$139,598 \$139,598 JRBAN AND COMMUNITY FORESTRY PROGRAM 10.675 \$45,485 \$69,260 JRBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF \$68,035 \$182,71 JRBAN AND COMMUNITY FORESTRY PROGRAM 10.675 ENVIRONMENTAL CONSERVATION AM10293 \$68,035 \$182,71	ORESTRY RESEARCH	10.652	INCORPORATED	E16-67		\$15,403		\$503,352
JRBAN AND COMMUNITY FORESTRY PROGRAM 10.675 \$45.485 JRBAN AND COMMUNITY FORESTRY PROGRAM 10.675 NYS DEPARTMENT OF \$69,260 JRBAN AND COMMUNITY FORESTRY PROGRAM 10.675 ENVIRONMENTAL CONSERVATION AM10293 \$68,035 \$182,71 SLOW THE SPREAD FOUNDATION 5	COOPERATIVE FORESTRY ASSISTANCE	10.664		AM09871		\$139 598		\$130 508
JRBAN AND COMMUNITY FORESTRY PROGRAM 10.675 \$69,260 NYS DEPARTMENT OF JRBAN AND COMMUNITY FORESTRY PROGRAM 10.675 ENVIRONMENTAL CONSERVATION AM10293 \$68,035 \$182,7 SLOW THE SPREAD FOUNDATION			ENVIRONMENTAL CONSERVATION	/10000/1	¢15 195	ψ135,390		ψ133,396
NYS DEPARTMENT OF URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 ENVIRONMENTAL CONSERVATION AM10293 \$68,035 \$182,7 SLOW THE SPREAD FOUNDATION								
URBAN AND COMMUNITY FORESTRY PROGRAM 10.675 ENVIRONMENTAL CONSERVATION AM10293 \$68,035 \$182,7 SLOW THE SPREAD FOUNDATION		10.010	NYS DEPARTMENT OF		<i>\$00,200</i>			
SLOW THE SPREAD FOUNDATION	URBAN AND COMMUNITY FORESTRY PROGRAM	10.675		AM10293		\$68,035		\$182,780
						<i>\\</i> 00,000		<i>q</i> .02,.00
	FOREST HEALTH PROTECTION	10.680	INCORPORATED	N/A		\$2,752		\$2,752

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
PARTNERSHIP AGREEMENTS	10.699	HOBART AND WILLIAM SMITH COLLEGES	16CS11092000017Brockport		\$C.002		\$6,002
SOIL AND WATER CONSERVATION	10.902	COLLEGES	16C311092000017 Blockpoin	\$11,392	\$6,002		\$11.392
Total U.S. Department of Agriculture:	10.002			\$2,689,561	\$537,365	\$598,186	\$3,226,926
S. Department of Commerce:							
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.012	GREAT LAKES OBSERVING SYSTEM	IOOS/NBN-04		\$104,958		\$104,958
STATISTICAL	11.016	SYNOPTIC DATA	S20170122		\$73,275		\$73,275
ECONOMIC ADJUSTMENT ASSISTANCE	11.307			\$209,152			\$000 0 17
ECONOMIC ADJUSTMENT ASSISTANCE SEA GRANT SUPPORT	11.307 11.417			\$20,495 \$2,270,407		\$874,103	\$229,647
SEA GRANT SUPPORT	11.417			\$3,651		4074,105	
SEA GRANT SUPPORT	11.417	LOYOLA UNIVERSITY CHICAGO	516460Fredonia	ψ0,001	\$4,077		
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	28155 SUNY Garneau		\$23,942		
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	28155 SUNY Leibensperger		\$20,401		
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	N/A		\$60,988		
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	N/A		\$1,646		\$2,385,112
FISHERIES DEVELOPMENT AND UTILIZATION RESEARCH AND							
DEVELOPMENT GRANTS AND COOPERATIVE AGREEMENTS PROGRAM	11.427			\$115,281			\$115,281
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			\$58,894			
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			\$48,421			
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431			\$81,111 \$79,352			
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			\$79,352 \$45,541			
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			\$99,686			
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			\$77,783			
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			\$53,379			
CLIMATE AND ATMOSPHERIC RESEARCH	11.431	UNIVERSITY OF HAWAII	Z10129407		\$19,282		
CLIMATE AND ATMOSPHERIC RESEARCH NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)	11.431	WOODS HOLE OCEANOGRAPHIC INST	24171100/ A101361		\$2,376		\$565,825
COOPERATIVE INSTITUTES	11.432	UNIVERSITY OF MICHIGAN	3003218264		\$2,469		
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) COOPERATIVE INSTITUTES	11.432	UNIVERSITY OF MIAMI	AD23932 S17-19/ PO# AD23932		\$69,899		
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) COOPERATIVE INSTITUTES	11.432	UNIVERSITY OF MICHIGAN	3002475301		\$1,893		\$74,261
REGIONAL FISHERY MANAGEMENT COUNCILS	11.441	ATLANTIC STATES MARINE FISHERIES COMMISSION	160404		\$29,087		\$29,087
		UNIVERSITY CORPORATION FOR					
METEOROLOGIC AND HYDROLOGIC MODERNIZATION DEVELOPMENT APPLIED METEOROLOGICAL RESEARCH	11.467 11.468	ATMOSPHERIC RESEARCH	Z1520543	\$57,697	\$1,769		\$1,769
APPLIED METEOROLOGICAL RESEARCH	11.468			\$73.288			
APPLIED METEOROLOGICAL RESEARCH	11.468			\$52,691			
APPLIED METEOROLOGICAL RESEARCH	11.468			\$123,707			
APPLIED METEOROLOGICAL RESEARCH	11.468			\$23,373			
APPLIED METEOROLOGICAL RESEARCH	11.468			\$80,600			
APPLIED METEOROLOGICAL RESEARCH	11.468			\$76,882			
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468			\$101,486 \$124,019		\$16,586	
AFFLIED METEOROLOGICAL RESEARCH	11.400	UNIVERSITY OF WISCONSIN		\$124,019		\$10,560	
APPLIED METEOROLOGICAL RESEARCH	11.468	MILWAUKEE	173405025AAB5883		\$67,051		\$780,794
UNALLIED SCIENCE PROGRAM	11.472			\$19,308		\$9,548	•••••
UNALLIED SCIENCE PROGRAM	11.472	NORTH PACIFIC RESEARCH BOARD	1501A		\$55,738		\$75,046
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM	11.478			\$146,883			
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN		VIRGINIA INSTITUTE OF MARINE					
PROGRAM	11.478	SCIENCE	720912-712683		\$1,195		\$148,078
EDUCATIONAL PARTNERSHIP PROGRAM	11.481	HOWARD UNIVERSITY	00087561000058771		\$25,041		** **
EDUCATIONAL PARTNERSHIP PROGRAM	11.481	HOWARD UNIVERSITY	00089711000067101		\$121,060		\$146,101
NOAA PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT - NON- CONSTRUCTION AND CONSTRUCTION	11.483	UNIVERSITY OF MIAMI	S1512		\$20,025		\$20,025
CONSTRUCTION AND CONSTRUCTION MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.483	UNIVERSITY OF MIAMI	31312	\$2.685	¢∠0,025		¢20,025
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609			\$52,026			
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609	NANOELECTRONICS RESEARCH CORPORATION (NERC)	2006NE1463		(\$4,081)	(\$4,081)	
	11.009	CORPORATION (NERC)	2000INE 1403		(\$4,081)	(54,081)	
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609	NANOELECTRONICS RESEARCH CORPORATION (NERC)	2013NE2399		\$1,882,534	\$1,875,939	

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609	UNIVERSITY OF NEBRASKA	2605210129006		\$199,231	\$50,560	\$2,132,395
SCIENCE	11.620			\$61,875			\$61,875
Total U.S. Department of Commerce:				\$4,159,673	\$2,783,856	\$2,822,655	\$6,943,529
5. Department of Defense:							
DEPARTMENT OF DEFENSE	12.000			\$117,469			
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000			\$116,225 \$144,407			
DEPARTMENT OF DEFENSE	12.000			\$266,770			
DEPARTMENT OF DEFENSE	12.000			\$124,814			
DEPARTMENT OF DEFENSE	12.000			\$19,400			
DEPARTMENT OF DEFENSE	12.000	CUBRC INCORPORATED	07875S2		\$29,428		
DEPARTMENT OF DEFENSE	12.000	CUBRC INCORPORATED REACTION ENGINEERING	07932S2		\$29,180		
DEPARTMENT OF DEFENSE	12.000	INTERNATIONAL UNIVERSITY OF DAYTON RESEARCH	82441		\$12,370		
DEPARTMENT OF DEFENSE	12.000	INSTITUTE	RSC16005		\$56,441		
DEPARTMENT OF DEFENSE	12.000	DCS CORPORATION ANDRO COMPUTATIONAL SOLUTIONS	APX02N009		\$5,075		
DEPARTMENT OF DEFENSE	12.000	LLC	ACS16AF10BT0904		\$31,036		
DEPARTMENT OF DEFENSE	12.000	UNIVERSITY OF MARYLAND	Z9208105		\$62,776		
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	CREARE INCORPORATED PURDUE UNIVERSITY	82909 410579328		\$8,612 \$34,154		
DEPARTMENT OF DEFENSE	12.000	TECHNOLOGY HOLDING LLC	170687		\$34,154		
DEPARTMENT OF DEFENSE	12.000	IS4S	2831215001		\$117,280		
DEPARTMENT OF DEFENSE	12.000	CFD RESEARCH CORPORATION	9290		\$12,659		
DEPARTMENT OF DEFENSE	12.000	UNIVERSITY OF MARYLAND REACTION ENGINEERING	53167Z9062203		\$235,948		
DEPARTMENT OF DEFENSE	12.000	INTERNATIONAL GOVERNMENT OF ISRAEL MINISTRY OF	N/A		\$30,292		
DEPARTMENT OF DEFENSE	12.000	DEFENSE CHEROKEE NATION TECHNOLOGY	4440751480		\$35,593		
DEPARTMENT OF DEFENSE	12.000	SOLUTIONS LLC BRAINSCOPE COMPANY	NA		(\$10)		
DEPARTMENT OF DEFENSE	12.000	INCORPORATED BRAINSCOPE COMPANY	N/A		\$1,190		
DEPARTMENT OF DEFENSE	12.000	INCORPORATED BRAINSCOPE COMPANY	N/A		\$1,222		
DEPARTMENT OF DEFENSE	12.000	INCORPORATED	N/A		\$47,133		
	12.000	WESSON GROUP LLC GENERAL ELECTRIC GLOBAL	W912P416C0001		\$37,773		\$1,612,180
	12.114		401074061		\$462,140		¢ 405 700
COLLABORATIVE RESEARCH AND DEVELOPMENT BASIC AND APPLIED SCIENTIFIC RESEARCH	12.114 12.300	ROCKWELL COLLINS INCORPORATED	4504947155	\$10,093	\$3,640		\$465,780
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$573			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$114,162			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$54,005			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$23,804			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$5,357			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$2,327			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$8,639			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$69,409			
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			\$351,457 \$521,342			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$123.424		\$48.370	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$195,990		\$40,370	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$84,555			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$77,236			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$275,915			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$56,669			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$66,066			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$359,014		\$226,354	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$175,403		RE 000	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			\$67,028 \$116,205		\$5,292	
BASIC AND APPLIED SCIENTIFIC RESEARCH							

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		r ass-un ough humber	\$144.092	experialtures	to Subrecipients	lederal grantor
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$115,324			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$294,953			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$69,406			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$16,010			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$73,302			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$110,489			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$148,238			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$129,961		\$115,461	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$257,353		, .	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$250,361			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$154,091			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$139,006			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$160,685			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$99,090			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$23,073			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$51,040			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$11,204			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$53,892			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$124,533			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$135,754		\$37,500	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$689			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			\$7,001			
		FLORIDA INSTITUTE FOR HUMAN AND					
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	MACHINE COGNITION	FA875012203481		\$45,253		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CUBRC INCORPORATED	08003S2		\$29,080		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CUBRC INCORPORATED	08005S1		\$27,320		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	DUKE UNIVERSITY	3130659		\$50,588		
		UNIVERSAL TECHNOLOGY					
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CORPORATION	18S840113C1		\$48,622		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	MICHIGAN STATE UNIVERSITY	RC108018SUNY		\$42,341		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	SHERWIN-WILLIAMS	12754414		\$183		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	IBM CORPORATION	5004630250		\$211,513		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CARNEGIE MELLON UNIVERSITY	1150141-358366		\$116,428		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	ARIZONA STATE UNIVERSITY	17-207		\$54,284		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	HYPRES INCORPORATED	NA		\$37,500		
		REGENTS OF THE UNIVERSITY OF					
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CALIFORNIA	0160 G VA527		\$66,695		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	HYPRES INCORPORATED	W911NF-17-1-0120		\$20,213		\$6,544,145
		VIRGINIA POLYTECHNIC INSTITUTE					
SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	AND STATE UNIV	450378-19245		\$90,181		\$90,181
RESEARCH ON CHEMICAL AND BIOLOGICAL DEFENSE	12.360	CH2MHILL	1306092		\$0		
RESEARCH ON CHEMICAL AND BIOLOGICAL DEFENSE	12.360	CH2MHILL	300407100322		\$12,470		\$12,470
		CHEROKEE NATION TECHNOLOGY					
DEPARTMENT OF HEALTH AND HUMAN SERVICES	12.420	SOLUTIONS LLC	CNTSSUNY001		(\$45)		(\$45)
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$132,672			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$118,975			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$211,490			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$36,906			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$17,673			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$69,052			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$63,330			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$53,726			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$158,066			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$64,062			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$43,935			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$24,332			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$56,367			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$78,690			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$59,841			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$24,283			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$268,975			
	12.420			\$283,701			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT							
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$255,856			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$85,839			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT						(\$8,443)	

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$420,211		\$33,149	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$189			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$792,623			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$98,583			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$134,340			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			\$143,317			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			\$239,581			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT				\$83,271		¢05 470	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			\$146,547 \$23,103		\$25,479	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	CHILDRENS RESEARCH INSTITUTE	30002944	\$23,103	\$70,018		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	LIVEONNY	W81XWH-17-1-0646		\$59,597		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	HEALTH RESEARCH INC	14401		\$6,973		
MILITART MEDICAL RESERVOITAND DEVELOT MENT	12.420	WAKE FOREST UNIVERSITY HEALTH	14401		ψ0,575		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	SCIENCES	WFUHS441020SR-10		\$168,150		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	UNIVERSITY OF ILLINOIS AT CHICAGO	W81XWH140281		\$4,954		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	TRUSTEES OF INDIANA UNIVERSITY	PO 1951529 IN4379810SBU		\$19,137		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	CORNELL UNIVERSITY	80914-10934		\$1,241		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	UNIVERSITY OF MISSISSIPPI	1101042		(\$100)		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	UNIVERSITY OF MISSISSIPPI	N/A		(\$160)		
		CHEROKEE NATION TECHNOLOGY					
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	SOLUTIONS LLC CHEROKEE NATION TECHNOLOGY	N/A		\$11,756		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	SOLUTIONS LLC CHEROKEE NATION TECHNOLOGY	W81XH12D00440020		\$138,043		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	SOLUTIONS LLC	W81XH12D00440020		\$110,966		\$4,771,675
BASIC SCIENTIFIC RESEARCH	12.431			\$100,210		\$52,370	
BASIC SCIENTIFIC RESEARCH	12.431			\$64,178			
BASIC SCIENTIFIC RESEARCH	12.431			\$89,567			
BASIC SCIENTIFIC RESEARCH	12.431			\$37,205			
BASIC SCIENTIFIC RESEARCH	12.431			\$14,861			
BASIC SCIENTIFIC RESEARCH	12.431			\$129,649		\$66,548	
BASIC SCIENTIFIC RESEARCH	12.431			\$109,596			
BASIC SCIENTIFIC RESEARCH	12.431			\$178,104			
BASIC SCIENTIFIC RESEARCH	12.431			\$5,479			
BASIC SCIENTIFIC RESEARCH	12.431			\$81,507			
BASIC SCIENTIFIC RESEARCH	12.431			\$185,766		A =0.001	
BASIC SCIENTIFIC RESEARCH	12.431			\$99,755		\$70,964	
BASIC SCIENTIFIC RESEARCH	12.431 12.431			\$1,584			
BASIC SCIENTIFIC RESEARCH	12.431			\$59,140			
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431			\$42,402 \$121,571			
	12.431						
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431			\$132,578 \$3,343		\$2,116	
BASIC SCIENTIFIC RESEARCH	12.431			\$221,727		φ2,110	
BASIC SCIENTIFIC RESEARCH	12.431			\$39,996			
BASIC SCIENTIFIC RESEARCH	12.431			\$25,583			
BASIC SCIENTIFIC RESEARCH	12.431			\$40,164			
BASIC SCIENTING RESEARCH	12.431	RENSSELAER POLYTECHNIC		\$40,104			
BASIC SCIENTIFIC RESEARCH	12.431	INSTITUTE	A12843		\$51,350		
	40.404	MAGNOLIA OPTICAL TECHNOLOGIES	W0110X16C0020		\$50,000		
BASIC SCIENTIFIC RESEARCH	12.431		W911QX16C0029		\$50,933		
BASIC SCIENTIFIC RESEARCH	12.431	GENERAL TECHNICAL SERVICES LLC	0000074		\$10,288		
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF CENTRAL FLORIDA	336379		\$80,620		
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF MARYLAND	52675Z8028201		\$40,302		
BASIC SCIENTIFIC RESEARCH	12.431	NORTHEASTERN UNIVERSITY	50410878057		\$10,736		
BASIC SCIENTIFIC RESEARCH	12.431	STAIB INSTRUMENTS INCORPORATED UNIVERSITY OF CALIFORNIA AT SANTA	A25781		\$6,915		
BASIC SCIENTIFIC RESEARCH	12.431	BARBARA	KK1655		\$58,133		
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF TEXAS AT AUSTIN REGENTS OF THE UNIVERSITY OF	UTA16000993		\$58,326		
BASIC SCIENTIFIC RESEARCH	12.431	CALIFORNIA UNIVERSITY OF CALIFORNIA AT SANTA	2017-3497		\$14,345		
BASIC SCIENTIFIC RESEARCH	12.431	BARBARA	KK1655		\$11,646		
BASIC SCIENTIFIC RESEARCH	12.431	SIVANANTHAN LABORATORIES	0061-17-SSB-0003		\$40,426		\$2,217,985
BASIC	12.630			\$26,022			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
BASIC BASIC	12.630 12.630	HOWARD UNIVERSITY	00081821000067112	\$54,886	\$49,992		
BASIC	12.630	UTAH STATE UNIVERSITY RESEARCH FOUNDATION	CP0039811		\$49,992 \$77,456		
BASIC	12.030	DIGITAL MANUFACTURING AND DESIGN	CF0039811		\$77,450		
BASIC	12.630	INNOVATION INSTITUTE	151103		\$217,548	\$152,395	
BASIC	12.630	CFD RESEARCH CORPORATION UTAH STATE UNIVERSITY RESEARCH	20160448		\$24,256		
BASIC	12.630	FOUNDATION	CP0047449		\$6,383		
BASIC	12.630	PRAIRIE VIEW A&M UNIVERSITY	S160502	1 00 1 00 1 00	\$119,855	A 10 A A A A	\$576,398
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			\$28,703,783 \$56,143		\$13,465,546	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$263.877		\$38,282	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$8,481		<i>4</i> 30,202	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$94,060		\$72,092	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$49,080		\$12,00E	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$236,009		\$166,973	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$220,001			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$11,789			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$213,233		\$42,026	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$98,549		\$53,491	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$199,600			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$30,835			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$29,002			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			\$123,949			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$104,591 \$341,457			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$351,493		\$183,747	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$192,963		φ100,141	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$164,463		\$72,545	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$26,520			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$69,678			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$2,055			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			\$32,366			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	KITWARE INCORPORATED MASSACHUSETTS INSTITUTE OF	K00189200S04		\$76,598		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	TECHNOLOGY REGENTS OF THE UNIVERSITY OF	107759 4		\$246,465		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	CALIFORNIA RIVERSIDE MINERVA SYSTEMS AND	S-000748		\$91,368		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	TECHNOLOGIES LLC	Agreement 16093746		\$163,708		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	GEORGIA INSTITUTE OF TECHNOLOGY UNIVERSITY OF MASSACHUSETTS	RJ287-G1		\$184,211		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	AMHERST	18010078A00		\$78,228		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	SYRACUSE UNIVERSITY	2919304590S01		\$31,275		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	CUBRC INCORPORATED UNIVERSITY OF CALIFORNIA AT SANTA	08061S01		\$32,421		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	BARBARA	KK1236		\$5		\$32,528,256
MATHEMATICAL SCIENCES GRANTS	12.901			\$22,730			\$22,730
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			\$2,129			
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			\$101,721		····	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			\$99,336		\$39,479	
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910			\$197,240 \$146,877			
	12.910	BBN TECHNOLOGIES CORPORATION	14632		\$18,024		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	UNIVERSITY OF CENTRAL FLORIDA	6401640601		\$237,406		
	12.910	MICRON TECHNOLOGY INC MASSACHUSETTS INSTITUTE OF	HR00111190009		\$311,530		
RESEARCH AND TECHNOLOGY DEVELOPMENT							
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	TECHNOLOGY MASSACHUSETTS INSTITUTE OF	5700019141		\$788,731		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	5700019589		\$42,716		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY BOEING COMPANY	5700019589 1238722		\$42,716 \$197,047		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	5700019589		\$42,716	\$660,195	

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	UNIVERSAL INSTRUMENTS CORPORATION	342873		\$25,702		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	LOCKHEED MARTIN CORPORATION	2.3		\$766,799	\$672,252	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	GEORGIA INSTITUTE OF TECHNOLOGY	2.5		\$59,933		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	FLEX TECH ALLIANCE	ADP#9		\$14,225		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	LOCKHEED MARTIN CORPORATION	4103493872		\$101,992		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	MOTIV SPACE SYSTEMS	PO #54		(\$1,474)	(\$1,474)	
		TRUSTEES OF COLUMBIA UNIVERSITY					
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	IN THE CITY OF NEW YORK	2GG012363		\$31,881		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEW YORK UNIVERSITY	F731501		\$1,044		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	IBM CORPORATION	5005026260		\$155,277		
		BAE SYSTEMS INFORMATION &					
		ELECTRONIC SYSTEMS INTEGRATION					
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	INC	84522612 SLIN#6.1		\$9,605		\$6,078,169
Total U.S. Department of Defense:				\$44,823,193	\$10,096,731	\$16,801,888	\$54,919,924
Central Intelligence Agency:							
Central Intelligence Agency	13.000	LEIDOS	P010182175		\$13,122		\$13,122
Total Central Intelligence Agency:				\$0	\$13,122	\$0	\$13,122
J.S. Department of Housing and Urban Development:							
HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER			na				
RECOVERY GRANTS (CDBG-DR)	14.269	HOUSING TRUST FUND CORPORATION			\$47,760		\$47,760
Total U.S. Department of Housing and Urban Development:			•	\$0	\$47,760	\$0	\$47,760
J.S. Department of the Interior:							
DEPARTMENT OF THE INTERIOR	15.000			\$51,163			
DEPARTMENT OF THE INTERIOR	15.000			\$6,823			
DEPARTMENT OF THE INTERIOR	15.000			\$1,495			
DEPARTMENT OF THE INTERIOR	15.000			(\$379)			
DEPARTMENT OF THE INTERIOR	15.000	UNIVERSITY OF NEW HAMPSHIRE	17-019		\$178,905		
DEPARTMENT OF THE INTERIOR	15.000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF	AM10165		\$273,578		
DEPARTMENT OF THE INTERIOR	15.000	ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF	AM10518		\$23,272		
DEPARTMENT OF THE INTERIOR	15.000	ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF	AM11043		\$56,519		\$591,376
FISH	15.231	ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF	AMO8625		\$17,570		
FISH	15.231	ENVIRONMENTAL CONSERVATION	N/A		\$676,836		\$694,406
BUREAU OF OCEAN ENERGY MANAGEMENT (BOEM) ENVIRONMENTAL	10.201	Environmentine concertor fion			φ070,000		φ004,400
STUDIES (ES)	15.423			\$178,678			\$178,678
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608	CENTRAL MICHIGAN UNIVERSITY TIOGA COUNTY SOIL AND WATER	F63172		\$15,436		
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608	CONSERVATION DISTRICT NYS DEPARTMENT OF	N/A		(\$343)		\$15,093
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	ENVIRONMENTAL CONSERVATION	AMO8649		\$765,260	\$11,990	\$765,260
STATE WILDLIFE GRANTS	15.634	ANTIOCH UNIVERSITY PENNSYLVANIA FISH AND BOAT	F17AP00046		\$47,046	ψ11,330	φr05,200
STATE WILDLIFE GRANTS	15.634	COMMISSION UNIVERSITY OF WISCONSIN STEVENS	2016 0428 01 4100072898		\$46,572		\$93,618
MIGRATORY BIRD JOINT VENTURES	15.637	POINT	17-02		\$6,554		\$6,554
RESEARCH GRANTS (GENERIC)	15.650			\$39,858			
RESEARCH GRANTS (GENERIC)	15.650			\$3,691			\$43,549
MIGRATORY BIRD MONITORING ENDANGERED SPECIES CONSERVATION A?? RECOVERY IMPLEMENTATION	15.655			\$204			\$204
FUNDS	15.657			\$142,184		\$96,947	
ENDANGERED SPECIES CONSERVATION A?? RECOVERY IMPLEMENTATION FUNDS	15.657			\$63,289			
ENDANGERED SPECIES CONSERVATION A?? RECOVERY IMPLEMENTATION				,			
FUNDS	15.657	COMMONWEALTH OF VIRGINIA	435051501		\$694		\$206,167
NATURAL RESOURCE DAMAGE ASSESSMENT AND RESTORATION	15.658			\$14,669	• • • •		\$14,669
							. ,
GREAT LAKES RESTORATION	15.662			\$46,323			
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662 15.662			\$46,323 \$17,143			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
GREAT LAKES RESTORATION	15.662			\$4,683			
GREAT LAKES RESTORATION	15.662			\$42,096		\$12,174	
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662 15.662			\$74,505 \$17,172			
GREAT LARES RESTORATION	15.002	NATIONAL FISH AND WILDLIFE		φ17,17Z			
GREAT LAKES RESTORATION	15.662	FOUNDATION	050115048886		\$18,790		\$225,462
HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS	15.677	UNIVERSITY OF MAINE AT ORONO	UMS988 F15AC00163		\$2,305		
HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS	15.677	UNIVERSITY OF CONNECTICUT	KFS# 5631490 and RSA 68986		\$20,913		600 TO 4
HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS COOPERATIVE ECOSYSTEM STUDIES UNITS	15.677 15.678	UNIVERSITY OF DELAWARE	49164	\$2,987	\$9,516		\$32,734
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678			\$3,011			\$5,998
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805			\$8,196			+-,
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805	CORNELL UNIVERSITY	7896310872		\$6,426		
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805	CORNELL UNIVERSITY	7491010998		\$1,707		
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805 15.805	CORNELL UNIVERSITY CORNELL UNIVERSITY	78963 10873		\$1,392		\$20.402
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	CORNELL UNIVERSITY	78963-10649	(\$793)	\$2,681		\$20,402
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			\$27,433			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			\$14,999			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			\$5,087			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			\$9,665			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808 15.808			\$90,595 \$5,000			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			\$28,083			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			\$9,082			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			\$116,597			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			\$18,319	.		
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	CENTRAL MICHIGAN UNIVERSITY	F63741		\$1,754		\$325,821
NATIONAL LAND REMOTE SENSING EDUCATION OUTREACH AND RESEARCH	15.815	AMERICAVIEW	AV14NY01		\$9,934		\$9,934
REGENIION	10.010	WESTERN NATIONAL PARKS			ψ0,004		φ0,004
HISTORIC PRESERVATION FUND GRANTS-IN-AID	15.904	ASSOCIATION	16-01		\$661		\$661
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922			\$45			\$45
NATIONAL CENTER FOR PRESERVATION TECHNOLOGY AND TRAINING	15.923	NYS OFFICE OF PARKS REC &		\$6,451			\$6,451
NATIONAL MARITIME HERITAGE GRANTS	15.925	HISTORIC PRESERVATION	TMG16NY2		\$18,600		\$18,600
AMERICAN BATTLEFIELD PROTECTION	15.926		1110101112	\$18,922	\$10,000		\$10,000
AMERICAN BATTLEFIELD PROTECTION	15.926	CIVIL WAR TRUST	NPS Agreement GA228714001		\$111,139		
		RAYMOND W HARVEY POST 703			6 0 / 0 0 0		A / A / B A
AMERICAN BATTLEFIELD PROTECTION COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF	15.926	AMERICAN LEGION	ABPP Grant #GA-2287-16-010		\$34,678		\$164,739
THE NATIONAL PARK SYSTEM	15.945			(\$61)			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF	15.945			(\$01)			
THE NATIONAL PARK SYSTEM	15.945			(\$899)			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF	10.040			(\$000)			
THE NATIONAL PARK SYSTEM	15.945			\$35,290			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF							
THE NATIONAL PARK SYSTEM	15.945			\$1,517			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			\$8,148			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF	13.343			ψ0,140			
THE NATIONAL PARK SYSTEM	15.945			\$9,418			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF				+-,			
THE NATIONAL PARK SYSTEM	15.945			\$20,447			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF							
THE NATIONAL PARK SYSTEM	15.945			\$70,486			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			\$8,985			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF	10.940			φο,900			
THE NATIONAL PARK SYSTEM	15.945			\$14,851			\$168,182
Total U.S. Department of the Interior:				\$1,240,208	\$2,348,395	\$121,111	\$3,588,603
U.S. Department of Justice:				6 005.0.1.1		A 48 4	
DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE	16.000 16.000			\$305,344 \$282,774		\$45,923 \$10,000	\$588.118
COMBINED DNA INDEX SYSTEM	16.000			\$282,774 \$91,973		\$10,000	\$588,118 \$91,973
				\$51,570			\$ 01,010

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$43,937			
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$204,483			
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$267,787			
NATIONAL INSTITUTE OF JUSTICE RESEARCH NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560 16.560			\$193,691 \$82,225			
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$82,225			
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$3,950 \$44,947			
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$225			
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$189,194			
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$130,351			
NATIONAL INSTITUTE OF JUSTICE RESEARCH	16.560			\$88,445			\$1,249,235
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582			\$14,529			ψ1,240,200
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582			\$34,385			\$48,914
JUVENILE JUSTICE REFORM AND REINVESTMENT DEMONSTRATION	10.002			\$0 1,000			<i><i>ϕ</i> 10,011</i>
PROGRAM	16.821			\$1,507			\$1,507
Total U.S. Department of Justice:	10.021			\$1,979,747	\$0	\$55,923	\$1,979,747
Department of Labor:				\$1,575,FH	ψυ	400,020	ψ1,010,141
TRANSITION ASSISTANCE PROGRAM	17.807	AVAR CONSULTING, INCORPORATED	DOL-OPS-15-C-0060		\$27.189		\$27.189
Total Department of Labor:	17.007	AVAN GUNGULTING, INCORPORATED	002-0-3-13-0-0000	\$0	\$27,189	\$0	\$27,189
U.S. Department of State:				\$0	φ <i>21</i> ,109		φ21,109
	10.000			6 45 070			
DEPARTMENT OF STATE	19.000			\$45,679			600 F 40
DEPARTMENT OF STATE	19.000 19.040			\$42,864			\$88,543
PUBLIC DIPLOMACY PROGRAMS				\$3,923			\$3,923
REGIONAL DEMOCRACY PROGRAM	19.221	NATIONAL ENDOWMENT FOR		\$446,655			\$446,655
INTERNATIONAL PROOPANO TO OURPORT REMOORACY	10.015		0010000		(\$705)		(6705)
INTERNATIONAL PROGRAMS TO SUPPORT DEMOCRACY EXPORT CONTROL AND RELATED BORDER SECURITY	19.345	DEMOCRACY	2016360	£40.445	(\$725)		(\$725)
	19.901			\$12,145			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$38,106			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$17,357			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			(\$11,206)			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$70,390			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$90,247			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$128,292			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$65,165			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$53,445			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$49,940			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$71,720			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$88,988 \$4,512			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901						
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$53,364			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$32,653			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			\$6,768			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901	PRESIDENT AND FELLOWS OF		\$65,619			
	10.001		000000000000000000000000000000000000000		(\$000)		
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901	MIDDLEBURY COLLEGE PRESIDENT AND FELLOWS OF	SPMECO12CA1010		(\$809)		
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901	MIDDLEBURY COLLEGE	SLMAQM14CA1198		\$34.290		
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.999	CRDF GLOBAL	FSCX17633390		\$34,290 \$29,376		\$900,362
	19.999	CRDF GLOBAL	FSCX17633390	\$1,376,626	\$29,376	\$0	\$1,438,758
Total U.S. Department of State:				\$1,370,020	φ02,132		\$1,430,730
U.S. Department of Transportation:	00.000			6 000 050		\$000.000	
DEPARTMENT OF TRANSPORTATION	20.000			\$883,050		\$323,396	
DEPARTMENT OF TRANSPORTATION	20.000	WISCONSIN DEPARTMENT OF		\$136,511			
	00.000		00001005		644.004	60.440	
DEPARTMENT OF TRANSPORTATION	20.000		00921605		\$41,864	\$3,416	
DEPARTMENT OF TRANSPORTATION	20.000	CUBRC INCORPORATED	07988S1		\$39,934		
DEPARTMENT OF TRANSPORTATION	20.000		P010209208		\$3,053		64 404 440
DEPARTMENT OF TRANSPORTATION	20.000	WASHINGTON STATE UNIVERSITY RENSSELAER POLYTECHNIC	125137 G003745		\$60.006		\$1,164,418
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	INSTITUTE	A90538		\$16.354		
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	RESEARCH FOUNDATION OF CUNY	751440128		\$99,012	\$23,200	
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	NATIONAL ACADEMY OF SCIENCES	HR1293		\$4,101	\$3,949	
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	CUBRC INCORPORATED	08010S1		\$52,859		
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200	GENEX SYSTEMS	469HMT53		\$32,200		\$204,526
		RESEARCH FOUNDATION OF CITY					
HIGHWAY PLANNING AND CONSTRUCTION	20.205	UNIVERSITY OF NEW YORK NYS EDUCATION DEPARTMENT	555130127 C012872		\$321,681 \$145,752		
HIGHWAY PLANNING AND CONSTRUCTION	20.205						

	CFDA number	Describeration Frederica News	Providence de combra	Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor HIGHWAY PLANNING AND CONSTRUCTION	20.205	Pass-through Entity Name NYS EDUCATION DEPARTMENT	Pass-through number C012872	expenditures	expenditures \$578,566	to Subrecipients	federal grantor
	20.200	SHUMAKER CONSULTING	0012012		\$575,555		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	ENGINEERING&LAND SURVEYING PC	PIN 6754.12		\$11,708		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	NYS EDUCATION DEPARTMENT	C012872		\$96,725		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	NYS EDUCATION DEPARTMENT NYS ENERGY RESEARCH AND	C012872		\$30,438		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	DEVELOPMENT AUTHORITY NYS DEPARTMENT OF	PO0000117232		\$231,714		\$1,416,584
MOTOR CARRIER SAFETY ASSISTANCE	20.218	TRANSPORTATION NYS DEPARTMENT OF	C003101		\$115,224		
MOTOR CARRIER SAFETY ASSISTANCE	20.218	TRANSPORTATION	C003101		\$53,120		\$168,344
RAILROAD RESEARCH AND DEVELOPMENT	20.313	KLD LABS INCORPORATED NYS GOVERNORS TRAFFIC SAFETY	BAA20142FRA		\$562		\$562
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	COMMITTEE RESEARCH FOUNDATION OF CITY	HS12018RF - C002366		\$53,664		\$53,664
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491983928		\$7,271		
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	49198-24-28		\$12,014		
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981228		(\$3)		
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981528		\$5,132		
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491982328		\$752		
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	UNIVERSITY OF NEW YORK UNIVERSITY TRANSPORTATION	491984628		\$32,094		
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	RESEARCH CENTER UNIVERSITY TRANSPORTATION	49198-42-26		\$2,306		
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	RESEARCH CENTER RESEARCH FOUNDATION OF CITY	49198-35-28		\$59,215		
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	UNIVERSITY OF NEW YORK	491981328		\$2,740		\$121,521
Total U.S. Department of Transportation:				\$1,019,561	\$2,110,058	\$353,961	\$3,129,619
U.S. Postal Service:							
US POSTAL SERVICE US POSTAL SERVICE	22.000 22.000			\$157 \$255			
US POSTAL SERVICE	22.000			\$30,558			
US POSTAL SERVICE	22.000			\$4,460			
US POSTAL SERVICE	22.000			\$1,810			
US POSTAL SERVICE	22.000			\$164,787			
US POSTAL SERVICE	22.000			\$82,475			
US POSTAL SERVICE	22.000	LOCKHEED MARTIN	DW461522		\$170,332		\$454,834
Total U.S. Postal Service:				\$284,502	\$170,332	\$0	\$454,834
Office of Personnel Management:	27.011			\$ 00.454			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$30,154 \$43,615			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$28,560			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$63,403			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$16,493			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			(\$1,530)			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$66,466			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$39,924			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$29,432			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$35,151			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$25,157			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			\$31,955 \$27,542			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$27,542 \$2.045			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$1,901			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$24,166			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$20,731			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$93,644			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$35,183			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$31,386			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$8,453			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$10,462			

	CFDA	Deee through Entity North	Deep theorem events of	Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$50,561 \$54,218			
INTERGOVERNMENTAL PERSONNEL ACT (IFA) MOBILITY PROGRAM	27.011			\$80.391			\$849.463
Total Office of Personnel Management:	27.011			\$849,463	\$0	\$0	\$849,463
ational Aeronautics and Space Administration:				4043,400	ψυ	ψυ	φ0+0,+00
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000			(\$10,875)			
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000			(\$274)			
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000			\$5,369			
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	ESENSORS INCORPORATED	NA	\$0,000	(\$2,536)		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	JET PROPULSION LABORATORY	1533939		\$5,694		(\$2,622
SCIENCE	43.001			\$22,060			
SCIENCE	43.001			\$113,698			
SCIENCE	43.001			\$80,696			
SCIENCE	43.001			\$86,824			
SCIENCE	43.001			\$54,407			
SCIENCE	43.001			\$10,686			
SCIENCE	43.001			\$53,857		\$39,349	
SCIENCE	43.001			\$89,911			
SCIENCE	43.001			\$33,417			
SCIENCE	43.001			\$172,802		\$40,600	
SCIENCE	43.001			\$12,413			
SCIENCE	43.001			\$158,689			
SCIENCE	43.001			\$64,184			
SCIENCE	43.001			\$9,559			
SCIENCE	43.001			\$400			
SCIENCE	43.001			\$47,774		\$13,354	
SCIENCE	43.001			\$24,087			
SCIENCE	43.001			\$10,325			
SCIENCE	43.001			\$62,037			
SCIENCE	43.001			\$2,392			
SCIENCE	43.001			\$942,529		\$303,411	
SCIENCE	43.001			\$143,990		\$21,783	
SCIENCE	43.001			\$45,906			
SCIENCE	43.001			\$82,619		\$82,619	
SCIENCE	43.001			\$91,599		\$47,195	
SCIENCE	43.001			\$30,670		A AA 4AA	
SCIENCE	43.001			\$33,604		\$31,422	
SCIENCE	43.001			\$6,117			
SCIENCE	43.001			\$65,242		604040	
SCIENCE	43.001			\$139,347		\$34,040	
SCIENCE	43.001			\$30,892			
SCIENCE	43.001			\$113,339			
SCIENCE	43.001			\$52,310			
SCIENCE	43.001			\$14,729			
SCIENCE SCIENCE	43.001 43.001			\$72,241			
SCIENCE	43.001			\$9,845 \$9,982			
SCIENCE	43.001			\$9,982 \$33,675			
SCIENCE	43.001			\$33,675 \$37,229			
SCIENCE	43.001			\$37,229 \$433			
SCIENCE	43.001			\$433 \$59,382			
SCIENCE	43.001			\$59,382 \$67,912		\$31,441	
SCIENCE	43.001			\$18.369		φ 31,44 1	
SCIENCE	43.001			\$107,252		\$73,331	
SCIENCE	43.001			\$107,252		\$13,33 I	
SCIENCE SCIENCE	43.001 43.001			\$62,886 \$137,518			
SCIENCE	43.001	DUKE UNIVERSITY	3430542	\$157,516	\$12,720		
SCIENCE	43.001	JET PROPULSION LABORATORY CALIFORNIA INSTITUTE OF	1550022		\$12,720 \$30,417		
SCIENCE	43.001	TECHNOLOGY	1519738		\$44,778		
SCIENCE	43.001	YALE UNIVERSITY	GR101550CON80001036		\$30,363		
SCIENCE	43.001	MONTANA STATE UNIVERSITY REGENTS OF THE UNIVERSITY OF	G25008W1818		(\$674)		
SCIENCE	43.001	CALIFORNIA	0995SNB140		\$138,311		
JOIENGE							

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
SCIENCE	43.001	JET PROPULSION LABORATORY	1457128		\$104,770		
SCIENCE	43.001	JET PROPULSION LABORATORY	1467483		\$5,276		
SCIENCE	43.001	JET PROPULSION LABORATORY JOHNS HOPKINS UNIVERSITY APPLIED	1472792		\$24,115		
SCIENCE	43.001	PHYSICS LABORATORY NATIONAL SPACE BIOMEDICAL	123733		\$44,218		
SCIENCE	43.001	RESEARCH INSTITUTE	SMST00007		\$56,006		
SCIENCE	43.001	JET PROPULSION LABORATORY	RSA 1533692		\$40,181		
SCIENCE	43.001	JET PROPULSION LABORATORY SMITHSONIAN ASTROPHYSICAL	1536860		\$30,987		
SCIENCE	43.001	OBSERVATORY SMITHSONIAN ASTROPHYSICAL	AR617016A		\$32,550		
SCIENCE	43.001	OBSERVATORY	GO617004X		\$5,626		
SCIENCE	43.001	JET PROPULSION LABORATORY SPACE TELESCOPE SCIENCE	1546528		\$1,659		
SCIENCE	43.001	INSTITUTE SPACE TELESCOPE SCIENCE	HSTGO14177002A		\$2,886		
SCIENCE	43.001	INSTITUTE SMITHSONIAN ASTROPHYSICAL	HSTGO14365003A		\$9,630		
SCIENCE	43.001	OBSERVATORY REGENTS OF THE UNIVERSITY OF	SV686017		\$27,619		
SCIENCE	43.001	COLORADO	1555786		\$4,862		
SCIENCE	43.001	JET PROPULSION LABORATORY SMITHSONIAN ASTROPHYSICAL	1595630		\$19,820		
SCIENCE	43.001	OBSERVATORY NATIONAL SPACE BIOMEDICAL	SV7 87018		\$18,453		\$4,415,029
AERONAUTICS	43.002	RESEARCH INSTITUTE	SMST03401		\$13		\$13
EXPLORATION	43.003			\$20,122			
EXPLORATION	43.003			(\$453)			
EXPLORATION	43.003			\$292,855			
EXPLORATION	43.003			\$82,830			\$395,354
EDUCATION	43.008			\$71,350		\$69,314	
EDUCATION	43.008	CORNELL UNIVERSITY	7615610492		\$21,002		
EDUCATION	43.008	CORNELL UNIVERSITY	76156-10482		\$22,833		
EDUCATION	43.008	CORNELL UNIVERSITY	7615610479		\$14,000		\$129,185
CROSS AGENCY SUPPORT	43.009			\$48,879			
CROSS AGENCY SUPPORT	43.009			\$11,130			
CROSS AGENCY SUPPORT	43.009			\$20,406			
CROSS AGENCY SUPPORT	43.009	UNIVERSITY OF MARYLAND	19983 Z6917002		\$19,267		\$99,682
SPACE TECHNOLOGY	43.012	JET PROPULSION LABORATORY	1529702		\$63,014		\$63,014
Total National Aeronautics and Space Administration:				\$4,178,408	\$921,247	\$787,859	\$5,099,655
National Endowment for the Arts:							
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024			\$7,519			\$7,519
PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS	45.149			\$1,590			\$1,590
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162			\$41,651			\$41,651
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.163			\$57,820		\$12,043	\$57,820
PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	45.164			\$56.426		+·=,•·•	\$56,426
NATIONAL LEADERSHIP GRANTS	45.312			\$19,659			***,.=*
NATIONAL LEADERSHIP GRANTS	45.312			\$97,124		\$35,247	\$116,783
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM Total National Endowment for the Arts:	45.313			\$151,133 \$432,922	\$0	\$52,350 \$99,640	\$151,133 \$432,922
National Science Foundation:				,/			
NATIONAL SCIENCE FOUNDATION	47.000			\$95.003			
NATIONAL SCIENCE FOUNDATION	47.000			\$321,292			
NATIONAL SCIENCE FOUNDATION	47.000			\$285,526			
NATIONAL SCIENCE FOUNDATION	47.000			\$245,924			
NATIONAL SCIENCE FOUNDATION	47.000			\$130,473			
		JACOBS TECHNOLOGY INCORPORATED		φ130,473	600 000		
NATIONAL SCIENCE FOUNDATION	47.000	INCORPORATED	PO# SN71748FMS	PE 001	\$36,966		£4.400.445
NATIONAL SCIENCE FOUNDATION	47.000			\$5,231			\$1,120,415
ENGINEERING GRANTS	47.041			\$5,367			
ENGINEERING GRANTS	47.041			\$3,601			
ENGINEERING GRANTS	47.041			\$17,445			

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
ENGINEERING GRANTS	47.041			\$29,854			
ENGINEERING GRANTS	47.041			\$56,501			
ENGINEERING GRANTS	47.041			\$89,989			
ENGINEERING GRANTS	47.041			\$11,867			
ENGINEERING GRANTS	47.041			\$11,640			
ENGINEERING GRANTS	47.041			\$27,256			
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041			\$6,070 \$28,166			
ENGINEERING GRANTS	47.041			\$88,904			
ENGINEERING GRANTS	47.041			\$10,493			
ENGINEERING GRANTS	47.041			\$100,275			
ENGINEERING GRANTS	47.041			\$65,148			
ENGINEERING GRANTS	47.041			\$282,492		\$175,485	
ENGINEERING GRANTS	47.041			\$73,161			
ENGINEERING GRANTS	47.041			\$147,920			
ENGINEERING GRANTS	47.041			\$65,237			
ENGINEERING GRANTS	47.041			\$16,472			
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041			\$5,635 \$108,467			
ENGINEERING GRANTS	47.041			\$48,998			
ENGINEERING GRANTS	47.041			\$89.616			
ENGINEERING GRANTS	47.041			\$82,312			
ENGINEERING GRANTS	47.041			\$1,741			
ENGINEERING GRANTS	47.041			\$82,864			
ENGINEERING GRANTS	47.041			\$22,120			
ENGINEERING GRANTS	47.041			\$17,042			
ENGINEERING GRANTS	47.041			\$4,010			
ENGINEERING GRANTS	47.041			\$61,196			
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041			\$22,600 \$32,380			
ENGINEERING GRANTS	47.041			\$31,924			
ENGINEERING GRANTS	47.041			\$73,105			
ENGINEERING GRANTS	47.041			\$7,136			
ENGINEERING GRANTS	47.041			\$186			
ENGINEERING GRANTS	47.041			\$6,329			
ENGINEERING GRANTS	47.041			\$54,037			
ENGINEERING GRANTS	47.041			\$6,461			
ENGINEERING GRANTS	47.041			\$76,170			
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041			\$47,547			
ENGINEERING GRANTS	47.041			\$59,756 \$72,808			
ENGINEERING GRANTS	47.041			\$50,159			
ENGINEERING GRANTS	47.041			\$2,176			
ENGINEERING GRANTS	47.041			\$220,717			
ENGINEERING GRANTS	47.041			\$64,787			
ENGINEERING GRANTS	47.041			\$89,181			
ENGINEERING GRANTS	47.041			\$70,956			
ENGINEERING GRANTS	47.041			\$168,303		\$31,467	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041			\$65,220 \$7,342			
ENGINEERING GRANTS	47.041			\$101			
ENGINEERING GRANTS	47.041			\$95,212			
ENGINEERING GRANTS	47.041			\$104,795			
ENGINEERING GRANTS	47.041			\$68,877			
ENGINEERING GRANTS	47.041			\$96,799			
ENGINEERING GRANTS	47.041			\$78,914			
ENGINEERING GRANTS	47.041			\$88,415			
ENGINEERING GRANTS	47.041			\$18,907			
ENGINEERING GRANTS	47.041			\$493			
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041			\$11,291 \$77,346			
ENGINEERING GRANTS	47.041			\$77,346 \$96,395			
ENGINEERING GRANTS	47.041			\$68,049			
				<i>+,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			

							Total
					Pass-	Passed-	expenditures
Faderal exercise faderal autobilizian ex pass through exercise	CFDA	Deep through Entity Name	Deep through number	Direct	through	through	by CFDA and
Federal grantor/federal subdivision or pass-through grantor ENGINEERING GRANTS	47.041	Pass-through Entity Name	Pass-through number	expenditures \$15,152	expenditures	to Subrecipients	federal grantor
ENGINEERING GRANTS ENGINEERING GRANTS	47.041			\$15,152 \$57,740			
ENGINEERING GRANTS	47.041			\$73,959			
ENGINEERING GRANTS	47.041			\$82,674			
ENGINEERING GRANTS	47.041			\$76,020			
ENGINEERING GRANTS	47.041			\$14,105			
ENGINEERING GRANTS	47.041			\$86,341			
ENGINEERING GRANTS	47.041			\$77,378			
ENGINEERING GRANTS	47.041			\$60,810		\$32,100	
ENGINEERING GRANTS	47.041			\$99,363		ψ02,100	
ENGINEERING GRANTS	47.041			\$18,867			
ENGINEERING GRANTS	47.041			\$50,189			
ENGINEERING GRANTS	47.041			\$47,387			
ENGINEERING GRANTS	47.041			\$15,024			
ENGINEERING GRANTS	47.041			\$54,244			
ENGINEERING GRANTS	47.041			\$95,932			
ENGINEERING GRANTS	47.041			\$62,654			
ENGINEERING GRANTS	47.041			\$67,661			
ENGINEERING GRANTS	47.041			\$55,564			
ENGINEERING GRANTS	47.041			\$42,035			
ENGINEERING GRANTS	47.041			\$47,734			
ENGINEERING GRANTS	47.041			\$170,818			
ENGINEERING GRANTS	47.041			\$38,306			
ENGINEERING GRANTS	47.041			\$42,984			
ENGINEERING GRANTS	47.041			\$131,898			
ENGINEERING GRANTS	47.041			\$64,258			
ENGINEERING GRANTS	47.041			\$32,022			
ENGINEERING GRANTS	47.041			\$16,110			
ENGINEERING GRANTS	47.041			\$42,628			
ENGINEERING GRANTS	47.041			\$32,098			
ENGINEERING GRANTS	47.041			\$41,629			
ENGINEERING GRANTS	47.041			\$12,599			
ENGINEERING GRANTS	47.041			\$9,652		\$9,652	
ENGINEERING GRANTS	47.041			\$53,732		**,**=	
ENGINEERING GRANTS	47.041			\$15,830			
ENGINEERING GRANTS	47.041			\$5,338			
ENGINEERING GRANTS	47.041			\$105,865			
ENGINEERING GRANTS	47.041			\$87,577			
ENGINEERING GRANTS	47.041			\$64,246			
ENGINEERING GRANTS	47.041			\$11,779			
ENGINEERING GRANTS	47.041			\$165,479			
ENGINEERING GRANTS	47.041			\$124,104			
ENGINEERING GRANTS	47.041			\$7,536			
ENGINEERING GRANTS	47.041			\$69,160			
ENGINEERING GRANTS	47.041			\$134,055			
ENGINEERING GRANTS	47.041			\$22,290			
ENGINEERING GRANTS	47.041			\$76,868			
ENGINEERING GRANTS	47.041			\$130,621			
ENGINEERING GRANTS	47.041			\$76,909			
ENGINEERING GRANTS	47.041			\$86,337			
ENGINEERING GRANTS	47.041			\$65,548			
ENGINEERING GRANTS	47.041			\$111,210			
ENGINEERING GRANTS	47.041			\$145,891			
ENGINEERING GRANTS	47.041			\$48,282			
ENGINEERING GRANTS	47.041			\$68,277			
ENGINEERING GRANTS	47.041			\$6,123			
ENGINEERING GRANTS	47.041			\$56,045			
ENGINEERING GRANTS	47.041			\$71,774			
ENGINEERING GRANTS	47.041			\$23,981			
ENGINEERING GRANTS	47.041			\$25,819			
ENGINEERING GRANTS	47.041			\$7,717			
ENGINEERING GRANTS	47.041			\$2,291			
ENGINEERING GRANTS	47.041	BOSTON UNIVERSITY	4500002061		\$39,261		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
ENGINEERING GRANTS	47.041	TEGA THERAPEUTICS	IIP-1622959		\$28,223		
ENGINEERING GRANTS	47.041	SEPRAGEN CORPORATION	IIP1722384		\$47,760		
ENGINEERING GRANTS	47.041	UNIVERSITY OF TEXAS AT ARLINGTON	126100645061		\$21,753		
ENGINEERING GRANTS	47.041	VILLANOVA UNIVERSITY	P1801544		\$21,753		
		BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL					
ENGINEERING GRANTS	47.041	COLLEGE WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA	81656		\$9,446		
ENGINEERING GRANTS	47.041	UNIV.	11160UB		\$4,806		
ENGINEERING GRANTS	47.041	X-THERMA INCORPORATED	NA		\$23,556		
		REGENTS OF THE UNIVERSITY OF					
ENGINEERING GRANTS	47.041	MICHIGAN	3004155742		\$39,184		
		BOARD OF REGENTS OF THE					
ENGINEERING GRANTS	47.041	UNIVERSITY OF NEBRASKA	2505210210002		\$62,828		
ENGINEERING GRANTS	47.041	SUNNY CLEAN WATER LLC	1745846		\$17,064		
		NEUROVASCULAR DIAGNOSTICS			0 00 /0 /		
ENGINEERING GRANTS	47.041	INCORPORATED	N/A		\$36,494		
ENGINEERING GRANTS	47.041		NA		\$29,786		
ENGINEERING GRANTS	47.041	UNIVERSITY OF DELAWARE ALA SCIENTIFIC INSTRUMENTS INC	33803 35184		\$44,804		
ENGINEERING GRANTS	47.041		na ODID Dhasa d		\$37,234		
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041	HEALTH ESENSE INCORPORATED UNIVERSITY OF WASHINGTON	SBIR Phase 1 UWSC10070 BPO 26946		\$41,416 \$65,596		
ENGINEERING GRANTS	47.041	NANOFIBER SOLUTIONS	UWSC10070 BPO 26946		\$00,090		
ENGINEERING GRANTS	47.041	INCORPORATED	N/A		\$1,570		
ENGINEERING GRANTS	47.041	SYRACUSE UNIVERSITY	29806 04788 S01		\$3,582		
ENGINEERING GRANTS	47.041			\$9,894	+++++=		
ENGINEERING GRANTS	47.041			\$14,872			
ENGINEERING GRANTS	47.041			\$94,042			
ENGINEERING GRANTS	47.041			\$31,886			
ENGINEERING GRANTS	47.041			\$29,105			
ENGINEERING GRANTS	47.041			\$112,663			
ENGINEERING GRANTS	47.041			\$51,545			\$8,323,375
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$2			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$10,428			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$52,629			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$12,942			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$128,775			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$107,842			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$112			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$43,709			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$31,683			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$71,718			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$19,337			
	47.049			\$109,207			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$155,915 \$500.000			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$94,877			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$89,745			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$65,502			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$27,207			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$26,066			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$3,497			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$13,359			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$75,545			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$62,489			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$76,582			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$49,987			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$73,416			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$32,078			

							Total
					Pass-	Passed-	expenditures
Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	through expenditures	through to Subrecipients	by CFDA and federal grantor
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	rass-through Entity Name	rass-unough humber	\$32,596	experiatures	to Subrecipients	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$103,397			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$108,494			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$916			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$65,780			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$95,642			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$17,482			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$3,591		\$530	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$2,846			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$27,232		\$727	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$15,841			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$11,498			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$13,799			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$5,019 \$50,603			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			(\$88)			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$138,786			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$117,213			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$36,015			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$48,212			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$38,592			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$159,914			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$33,476			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$12,980			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$58,216			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$98,062			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$10,408			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$376,848			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$84,700			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$118,142 \$116,632			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$114,168			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$152,984			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$45,612			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$9,112			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$147,814			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$55,455			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$52,629			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$37,202			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$42,007			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$64,563			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$27,785			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$107,041 \$145,005		\$11,864	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$132,594		\$11,004	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$169,261			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$124,360			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$26,180			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$140,436			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$49,803			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$35,315			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$84,000			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$29,017			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$9,664			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$89,463			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$6,680			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$29,707			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$2,350 \$2,278			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$2,278 (\$9)			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$1,126			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$20,335			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$603			

							Total
					Pass-	Passed-	expenditures
Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	through expenditures	through to Subrecipients	by CFDA and federal grantor
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	rass-through Entity Name	rass-unough humber	\$43.137	experiorules	to Subrecipients	lederal grantor
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$11,415			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$62,326			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$31,026			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$108,434			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$18,046			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$89,236			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$8,777			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$379			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$133,168			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			(\$159) \$31,265			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$15,517			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$784			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$1,400			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$80,305			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$215,903			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$634			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$5,713			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$92,295			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$62,519			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$7,979			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$3,518			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$23,286			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$2,983,783		\$1,926,229	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$25,601			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$41,533			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$514 \$91,085			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$166,525			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$58,889			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			(\$5,614)			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$3,081			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$63,288			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$89,334			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$28,550			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$55,888			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$52,090			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$114,537			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$2,157			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$49,738			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$103,162 \$95,640			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$95,640 \$66,675			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$92,353			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$14,025			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$156,861			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$10,221			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$5,816			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$439,734			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$28,331			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$104,395			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$110,825			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$32,170			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$59,347			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$1,492 \$74,227			
	47.049			\$74,327 \$80,785			
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$89,785 \$64,186			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$178,425			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$107,318			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$115,670			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$558,800			

	Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	X	¥	\$83,879			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$133,255			
1	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$101,005			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$128,721			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$29,809			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$135,766			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$64,283			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$63,245			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$168,900			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$38,904			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$102,296		\$68.025	
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$6,925,379		\$5,809,546	
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$31,746		\$0,000,010	
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$15,878			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$15,367			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$236,153			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$8,460			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$128,352			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$315,166			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$64,367			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$94,285			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$49,300			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049						
	MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$2,501 \$44,678			
	MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049						
					\$48,333		67.000	
	MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$58,421 \$65,204		\$7,698	
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$25,994			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			\$19,228			
	MATHEMATICAL AND PHYSICAL SCIENCES				\$10,630			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$58,515			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$10,609			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$5,107			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$33,648		* *****	
1	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$156,274		\$95,951	
	MATHEMATICAL AND PHYSICAL SCIENCES	17.040	UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	1/1/1001		64.744		
1	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	RENSSELAER POLYTECHNIC	KK1661		\$4,711		
		47.040	INSTITUTE	440505		647 440		
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	BOARD OF REGENTS OF THE	A12535		\$17,412		
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF NEBRASKA	2505210178008		\$8.966		
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UTAH STATE UNIVERSITY	14034401-107		\$16,295		
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UTAH STATE UNIVERSITY	14034401-107	\$146,389	φ10,295	\$6,400	
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	CORNELL UNIVERSITY	7887710876	\$140,389	611 100	φ0,400	
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF VERMONT	29648 SUB51861 SUNY		\$11,122 \$62,770		
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	WESLEYAN UNIVERSITY	WESU5011093137		\$5,540		
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049	WESELTAN ONIVERSITI	WE303011093137	\$16,199	φ 0,04 0		
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$20,543			
	MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$20,543			
	MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$1,440 \$83,732			
	MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$8,996			\$23,245,293
	GEOSCIENCES	47.049			\$20,701			\$Z3,Z43,Z93
	GEOSCIENCES	47.050			\$49,511			
	GEOSCIENCES	47.050			\$138,777			
	GEOSCIENCES	47.050			\$136,777 \$8,663		\$8,663	
	GEOSCIENCES	47.050					φ0,003	
	GEOSCIENCES GEOSCIENCES	47.050 47.050			\$106,216 \$83,348			
	GEOSCIENCES GEOSCIENCES	47.050						
					\$89,158			
	GEOSCIENCES	47.050			\$109,098			
	GEOSCIENCES	47.050 47.050			\$8,121			
	GEOSCIENCES GEOSCIENCES	47.050 47.050			\$136,206 \$71,857			
	GEOSCIENCES	47.050			\$91,983			
	02000.2.1020	41.000			φσ1,000			

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
GEOSCIENCES	47.050			\$64,111			
GEOSCIENCES	47.050			\$121,265			
GEOSCIENCES	47.050			\$110,314			
GEOSCIENCES	47.050			\$41,515			
GEOSCIENCES	47.050			\$36,701			
GEOSCIENCES	47.050			\$36,143			
GEOSCIENCES	47.050			\$143,175			
GEOSCIENCES	47.050			\$88,315			
GEOSCIENCES	47.050			\$110,448			
GEOSCIENCES	47.050			\$37,325			
GEOSCIENCES	47.050			\$24,812			
GEOSCIENCES	47.050			\$7,824			
GEOSCIENCES	47.050			\$2,384			
GEOSCIENCES	47.050			\$18,443			
GEOSCIENCES	47.050			\$7,578			
GEOSCIENCES	47.050			\$38,735			
GEOSCIENCES	47.050			\$7,597			
GEOSCIENCES	47.050			\$52,069			
GEOSCIENCES	47.050			\$51,645			
GEOSCIENCES	47.050			\$34,787			
GEOSCIENCES	47.050			\$28,385			
GEOSCIENCES	47.050			\$42,251			
GEOSCIENCES	47.050			\$3,609			
GEOSCIENCES	47.050			\$8,928			
GEOSCIENCES	47.050			\$160,379			
GEOSCIENCES	47.050			\$7,731		6776 6 6 6	
GEOSCIENCES	47.050			\$916,119		\$753,224	
GEOSCIENCES	47.050			\$56,998			
GEOSCIENCES	47.050			\$100,335			
GEOSCIENCES	47.050			\$118,066			
GEOSCIENCES	47.050			\$50,290			
GEOSCIENCES	47.050			\$36,157			
GEOSCIENCES	47.050			\$10,327			
GEOSCIENCES	47.050			\$9,193			
GEOSCIENCES	47.050			\$11,380			
GEOSCIENCES	47.050			\$48,763			
GEOSCIENCES GEOSCIENCES	47.050			\$20,528			
	47.050			\$14,500			
GEOSCIENCES	47.050			\$52			
GEOSCIENCES	47.050			\$40,585			
GEOSCIENCES GEOSCIENCES	47.050 47.050			\$155,216 \$111,851			
	47.050						
GEOSCIENCES GEOSCIENCES	47.050			\$51,768 \$23,000			
GEOSCIENCES	47.050						
GEOSCIENCES				\$38,676			
GEOSCIENCES	47.050 47.050			\$93,442 \$163,988			
GEOSCIENCES	47.050			\$43,056			
GEOSCIENCES	47.050			\$43,056 \$102,953			
GEOSCIENCES	47.050			\$28,964			
GEOSCIENCES	47.050			\$138,614			
GEOSCIENCES	47.050			\$60,796			
GEOSCIENCES	47.050			\$6,534			
GEOSCIENCES	47.050			\$59,774			
GEOSCIENCES	47.050			\$355,095		\$41,408	
GEOSCIENCES	47.050			\$355,095 \$14,595		φ41,400	
GEOSCIENCES	47.050			\$14,595 \$76,516			
GEOSCIENCES	47.050			\$159,566			
GEOSCIENCES	47.050			\$137,437			
GEOSCIENCES	47.050			\$36,307			
GEOSCIENCES	47.050			\$36,307 \$83,125			
GEOSCIENCES	47.050			\$83,125 \$21,544			
GEOSCIENCES	47.050			\$21,544 \$120,152			
JEJUILINULU	47.000			φ120,10Z			

Federal grantor/lederal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
GEOSCIENCES	47.050			\$111,687			
GEOSCIENCES	47.050			\$49,594			
GEOSCIENCES	47.050			\$127,330			
GEOSCIENCES	47.050			\$57,753			
GEOSCIENCES	47.050			\$18,389			
GEOSCIENCES	47.050			\$168,941			
GEOSCIENCES	47.050			\$61,863			
GEOSCIENCES	47.050			\$98,182			
GEOSCIENCES	47.050			\$70,993			
GEOSCIENCES	47.050			\$3,213			
GEOSCIENCES	47.050			\$26,041			
GEOSCIENCES	47.050			\$176,429			
GEOSCIENCES	47.050			\$10,540			
GEOSCIENCES	47.050			\$14,936			
GEOSCIENCES	47.050			\$17,651			
GEOSCIENCES	47.050			\$89,888			
GEOSCIENCES	47.050			\$89,094			
GEOSCIENCES	47.050			\$3,245			
GEOSCIENCES	47.050			\$45,064			
GEOSCIENCES	47.050	HEALTH RESEARCH INC	556601		\$30,206		
GEOSCIENCES	47.050	HEALTH RESEARCH INC	559901		\$40,070		
GEOSCIENCES	47.050	ARIZONA BOARD OF REGENTS	124740		\$18,314		
GEOSCIENCES	47.050	COLUMBIA UNIVERSITY	76 (GG009393) PO#G12614		\$9,467		
GEOSCIENCES	47.050	TRUSTEES OF BOSTON UNIVERSITY UNIVERSITY OF CALIFORNIA AT SAN	4500002406		\$61,440		
GEOSCIENCES	47.050	DIEGO	49752479 S9000556		\$3,910		
GEOSCIENCES	47.050	UNIVERSITY OF NEW MEXICO	13362387Y4		\$34,032		
	47.050	TRUSTEES OF COLUMBIA UNIVERSITY	500000000		\$ 00,407		
GEOSCIENCES	47.050	IN THE CITY OF NEW YORK	56GG009393		\$30,467		
GEOSCIENCES	47.050	UNIVERSITY OF NEW MEXICO	133660-87Y4		\$433,701		
GEOSCIENCES	47.050	UNIVERSITY OF TENNESSEE	A140204S001		\$7,127		
GEOSCIENCES	47.050	UNIVERSITY OF NEW HAMPSHIRE	14068		\$12,057		
GEOSCIENCES	47.050			\$108,106			
GEOSCIENCES	47.050			\$8,301			\$7,754,401
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$13,539			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$13,392			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$258,056		\$60,004	
						\$00,004	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$68,006			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$63,241			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$27,829			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$8,644			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$56,329			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$5,811			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$21,600			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$138,853			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$48,393			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$103,829		\$86,490	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$59,329		ψ00,430	
	47.070						
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING				\$7,754			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$39,412			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$655			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$175,173			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$138,833			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$107,404			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$107,197			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$65.888			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$81,780			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070						
				\$121,925 \$74,606			
				\$/4 606			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070						
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$78,045			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING							

							Total
				-	Pass-	Passed-	expenditures
Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	through expenditures	through to Subrecipients	by CFDA and federal grantor
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	Fass-through Entity Name	Fass-unough humber	\$78,604	expenditures	to Subrecipients	leueral grantor
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$5,525			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$147,739		\$76,857	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$34,915			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$44,961			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$67,950			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$59,677			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$30,919 \$7,553			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$16,073			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$16,025			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$127,457			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$66,588			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$124,573			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$13,446			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$48,554			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$7,622 \$149,183			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$25,018			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$89.179			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$168,606			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$93,135			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$55,827			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$135,964			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$133,677			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$1,764,340		\$351,737	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$177,708			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$76,101 \$31,665			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$310,364		\$64,764	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$45,263		φ04,704	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$110,912			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$79,573			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$53,323			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$164,801			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$81,283			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$43,883 \$110,305			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$46,862			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$131,928			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$133,944			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$71,267			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$42,675			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$22,068			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$127,246			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$65,544 \$496,733		\$172,676	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$72,465		\$172,070	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$80,785			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$131,868			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$7,577			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$636,544			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$25,029		\$17,934	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$308,899		\$58,870	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$54,664			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$5,453 \$694,970			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$145,304			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$10,000			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$56,154			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$17,403			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$69,674			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$41,283			

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	* <i>i</i>		\$171,920			v
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$5,527			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$248,050			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$2,975			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$88,947			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$11,835 \$19,292			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$2,834			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$32,328			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$4,325			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$272,159			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$157,735			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$67,903			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$254			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			(\$1,740)			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$49,723			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$221,069 \$54,872			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$54,872 \$12,399			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$98.016			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$260,887			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$61,017			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$41,045			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$78,302			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$135,723			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$41,000			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$156,288		\$120,229	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$309,292			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			(\$17,413) \$84,723			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$24,196			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$70,795			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$41,272			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$231,615			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$24,251			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$214,531			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$16,664			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$83,944			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$105,228			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$61,853 \$161,348		\$81,541	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$3,939		φ01,041	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$133,287			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$83,855			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$115,177			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$148,848			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$76,624			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$4,194			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$62,840			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$5,529			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$57,720 \$61,930			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$85,538			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$49,533			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$63,030			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$97,191			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$35,766			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$168,186			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$797		A	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$207,081		\$120,292	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$121,347 \$86,346			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$86,346 \$36.088			
CONT OTER AND INFORMATION SCIENCE AND ENGINEERING	41.010			430,000			

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$54,145			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$80,816			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$194,184			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$58,031			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$55,542			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$154,669			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$149,305			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$120,385			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$19,351			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$54,102			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$26,807			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$4,773			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$80,302			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$32,212			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$89,940			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$76,786			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$3,106			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$25,227			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$6,474			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$54,463			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$45,729			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$21,538			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$23,442			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$25,711			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$33,801			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$26,467			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$2,838			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$13,330			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	PENNSYLVANIA STATE UNIVERSITY	4910SUNYNSF8669		\$6,511		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	ILLINOIS INSTITUTE OF TECHNOLOGY UNIVERSITY OF SOUTHERN	SA180028S001		\$21,678		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	CALIFORNIA	97931040		\$8,583		
	47.070	NORTHEASTERN UNIVERSITY REGENTS OF THE UNIVERSITY OF	50220178050		\$29,159		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	MINNESOTA	A004843001		\$4,748		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	CORNELL UNIVERSITY	7622110548		\$423,559		
	47.070	PURDUE UNIVERSITY REGENTS OF THE UNIVERSITY OF	410173753		\$27,401		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070		A005220501		\$32,518		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	TRUSTEES OF INDIANA UNIVERSITY UNIVERSITY OF TEXAS	BL4812516SUNY 1000001384		\$25,071 \$7,630		
		ARIZONA BOARD OF REGENTS					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	ARIZONA BOARD OF REGENTS	18314 430836		\$27,854 \$18,338		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	ARIZONA BOARD OF REGENTS ARIZONA STATE UNIVERSITY UNIVERSITY OF NORTH CAROLINA AT	430830 NA		\$3,832		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	CHAPEL HILL	537214		\$57		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	TRUSTEES OF INDIANA UNIVERSITY VIRGINIA POLYTECHNIC INSTITUTE	537214 PO1661434 BL-4848800 SUNY		\$57 \$130,254		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	AND STATE UNIV	479589-19245		\$93,240		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	AKAI KAERU LLC	na		\$35,315		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	UNIVERSITY OF WASHINGTON	UWSC9919/BPO25410		\$14,999		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$7,486			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$19,978			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$14,925			\$18,419,52
BIOLOGICAL SCIENCES	47.074			(\$854)			,
BIOLOGICAL SCIENCES	47.074			\$130,289			
BIOLOGICAL SCIENCES	47.074			\$32,624			
BIOLOGICAL SCIENCES	47.074			\$156,122			
BIOLOGICAL SCIENCES	47.074			\$33,898			
	47.074			\$148,421			
SIOLOGICAL SCIENCES							
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			\$800			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- Passed- through through expenditures to Subrecipier	Total expenditures by CFDA and tts federal grantor
BIOLOGICAL SCIENCES	47.074	Fass-through Entity Name	Fass-unough humber		expenditures to Subrecipier	its lederal grantor
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			\$56,186		
BIOLOGICAL SCIENCES	47.074			\$119,613 \$15,638		
					\$20 f	c2
BIOLOGICAL SCIENCES	47.074			\$254,596	\$22,2	62
BIOLOGICAL SCIENCES	47.074			\$30,029		
BIOLOGICAL SCIENCES	47.074			\$3,552		
BIOLOGICAL SCIENCES	47.074			\$379		
BIOLOGICAL SCIENCES	47.074			\$5,009,383	\$4,190,2	73
BIOLOGICAL SCIENCES	47.074			\$76,055		
BIOLOGICAL SCIENCES	47.074			\$20,670		
BIOLOGICAL SCIENCES	47.074			\$166,812		
BIOLOGICAL SCIENCES	47.074			\$48,738		
BIOLOGICAL SCIENCES	47.074			\$64,286		
BIOLOGICAL SCIENCES	47.074			\$12,523		
BIOLOGICAL SCIENCES	47.074			\$66,877		
BIOLOGICAL SCIENCES	47.074			\$174,808	\$70,3	33
BIOLOGICAL SCIENCES	47.074			\$69,188		
BIOLOGICAL SCIENCES	47.074			\$17,822		
BIOLOGICAL SCIENCES	47.074			\$6,182		
BIOLOGICAL SCIENCES	47.074			\$3,369		
BIOLOGICAL SCIENCES	47.074			\$2,253		
BIOLOGICAL SCIENCES	47.074			\$16,093		
BIOLOGICAL SCIENCES	47.074			\$20,372		
BIOLOGICAL SCIENCES	47.074			\$87,942		
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			\$181,606		
BIOLOGICAL SCIENCES	47.074			\$165,238	\$10.	<u></u>
BIOLOGICAL SCIENCES	47.074			\$117,089	\$12,9	26
BIOLOGICAL SCIENCES	47.074			\$91,922		
BIOLOGICAL SCIENCES	47.074			\$43,882		
BIOLOGICAL SCIENCES	47.074			\$240,230		
BIOLOGICAL SCIENCES	47.074			\$803		
BIOLOGICAL SCIENCES	47.074			\$58,545	\$35,8	35
BIOLOGICAL SCIENCES	47.074			\$61,862		
BIOLOGICAL SCIENCES	47.074			\$23,006		
BIOLOGICAL SCIENCES	47.074			\$6,908		
BIOLOGICAL SCIENCES	47.074			\$99,540		
BIOLOGICAL SCIENCES	47.074			\$45,205		
BIOLOGICAL SCIENCES	47.074			\$102,887		
BIOLOGICAL SCIENCES	47.074			\$26,522		
BIOLOGICAL SCIENCES	47.074			\$130,812		
BIOLOGICAL SCIENCES	47.074			\$27,021		
BIOLOGICAL SCIENCES	47.074			\$12,355		
BIOLOGICAL SCIENCES	47.074			\$1,841		
BIOLOGICAL SCIENCES	47.074			\$220,850		
BIOLOGICAL SCIENCES	47.074			\$345	\$2	74
					Φ2	/4
BIOLOGICAL SCIENCES	47.074			\$91,908		
BIOLOGICAL SCIENCES	47.074			\$102,870		
BIOLOGICAL SCIENCES	47.074			\$8,208		
BIOLOGICAL SCIENCES	47.074			\$659		
BIOLOGICAL SCIENCES	47.074			\$4,940		
BIOLOGICAL SCIENCES	47.074			\$95,057		
BIOLOGICAL SCIENCES	47.074			\$126,350		
BIOLOGICAL SCIENCES	47.074			\$10,724		
BIOLOGICAL SCIENCES	47.074			\$82,936		
BIOLOGICAL SCIENCES	47.074			(\$667)		
BIOLOGICAL SCIENCES	47.074			\$28,726		
BIOLOGICAL SCIENCES	47.074			\$48,721		
BIOLOGICAL SCIENCES	47.074			\$48,836		
BIOLOGICAL SCIENCES	47.074			\$34,614		
BIOLOGICAL SCIENCES	47.074			\$6,086		
BIOLOGICAL SCIENCES	47.074	HEALTH RESEARCH INC	16004701	ψ0,000	\$10,039	
	47.074	CARY INSTITUTE OF ECOSYSTEM			ψ10,000	
BIOLOGICAL SCIENCES	47.074	STUDIES	3189/200201783		\$9,627	

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
BIOLOGICAL SCIENCES	47.074	FLORIDA ATLANTIC UNIVERSITY	xR-K14	experiatures	\$87,745	to Subrecipients	rederal grantor
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF FLORIDA	P0016611 UFDSP00011384		\$109,017		
BIOLOGICAL SCIENCES	47.074	PENNSYLVANIA STATE UNIVERSITY	4192-RFSUNY-NSF-2742		\$19,127		
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF WYOMING	1002790ASUNYB		\$53,958		
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF WYOMING HAUPTMAN WOODWARD MEDICAL	1003260ASUNYB		\$95,590		
BIOLOGICAL SCIENCES	47.074	RESEARCH INSTITUTE INC	62181		\$61,423		
BIOLOGICAL SCIENCES	47.074	CHICAGO ZOOLOGICAL SOCIETY	DEB1146198		\$39,567		
BIOLOGICAL SCIENCES	47.074	WASHINGTON STATE UNIVERSITY	118996 G003356		\$279,550		
BIOLOGICAL SCIENCES	47.074	TRUSTEES OF BOSTON UNIVERSITY UNIVERSITY OF MASSACHUSETTS	4500002091		\$115,958		
BIOLOGICAL SCIENCES	47.074	AMHERST	18-009956 A		\$18,585		
BIOLOGICAL SCIENCES	47.074	STANFORD UNIVERSITY	61230239118374		\$51,078		
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF GEORGIA	RR272671S001365		\$5,691		
BIOLOGICAL SCIENCES	47.074	BOYCE THOMPSON INSTITUTE	17-01		\$14,883		
BIOLOGICAL SCIENCES	47.074	BOYCE THOMPSON INSTITUTE	17-01		\$1,835		
BIOLOGICAL SCIENCES	47.074	RUTGERS UNIVERSITY	821911 PO# 680075		\$17,361		
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074	NEW YORK BOTANICAL GARDEN	NYBG15026991SUNY ESF		\$13,195		
		CARY INSTITUTE OF ECOSYSTEM					
BIOLOGICAL SCIENCES	47.074	STUDIES CARY INSTITUTE OF ECOSYSTEM	3298 200201809		\$76,740		
BIOLOGICAL SCIENCES	47.074	STUDIES	3340 200201859		\$12,665		
BIOLOGICAL SCIENCES	47.074			(\$67)			
BIOLOGICAL SCIENCES	47.074			\$6,380			
BIOLOGICAL SCIENCES	47.074			\$9,012			
BIOLOGICAL SCIENCES	47.074			\$6,169			
BIOLOGICAL SCIENCES	47.074			\$7,991			\$10,323,274
SOCIAL	47.075			\$3,999			
SOCIAL	47.075			\$9,821		\$457	
SOCIAL	47.075			\$12,723		\$5,748	
SOCIAL	47.075			\$4,344		* *,· · ·	
SOCIAL	47.075			\$127,516			
SOCIAL	47.075			\$155			
SOCIAL	47.075			\$111,176		\$45,719	
SOCIAL	47.075			\$2,985		<i>φ</i> 10,710	
SOCIAL	47.075			\$10,332			
SOCIAL	47.075			\$10,130			
SOCIAL	47.075			\$1,581			
SOCIAL	47.075			\$103,962			
SOCIAL							
SOCIAL	47.075 47.075			\$103,726 \$22,214			
SOCIAL	47.075			\$129,149			
SOCIAL	47.075			\$64,819		\$43,964	
SOCIAL	47.075			\$15,259			
SOCIAL	47.075			\$3,688			
SOCIAL	47.075			\$4,519			
SOCIAL	47.075			\$59,640			
SOCIAL	47.075			\$4,891			
SOCIAL	47.075			\$19,437			
SOCIAL	47.075			\$16,410			
SOCIAL	47.075			\$163,212		\$21,208	
SOCIAL	47.075			\$12,394			
SOCIAL	47.075			\$97,373			
SOCIAL	47.075			\$87,613			
SOCIAL	47.075			\$65,650		\$1,893	
SOCIAL	47.075			\$1,539		+.,	
SOCIAL	47.075			\$3,281			
SOCIAL	47.075			\$9,951			
SOCIAL	47.075			\$91,213			
SOCIAL	47.075			\$64,973			
SOCIAL	47.075			\$90,012			
SOCIAL	47.075			\$107,732			
SOCIAL	47.075			\$50,238			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
SOCIAL	47.075			\$8,095			
SOCIAL	47.075			\$3,358			
SOCIAL	47.075			\$16,006			
SOCIAL	47.075			\$3,021			
SOCIAL	47.075			\$4,452			
SOCIAL	47.075			\$9,786			
SOCIAL	47.075			\$1,736			
SOCIAL	47.075			\$379			
SOCIAL	47.075			\$136,813			
SOCIAL	47.075			\$265,302			
SOCIAL	47.075			\$85,863			
SOCIAL	47.075			\$43,959			
SOCIAL	47.075			\$1,780			
SOCIAL	47.075			\$20,323			
SOCIAL	47.075			\$53			
SOCIAL	47.075			\$23,731			
SOCIAL	47.075			\$224,119			
SOCIAL	47.075			\$5,111			
SOCIAL	47.075			\$69,414			
SOCIAL	47.075			\$44,304			
SOCIAL	47.075						
				\$4,229		60 545	
SOCIAL	47.075			\$18,146		\$9,515	
SOCIAL	47.075			\$514			
SOCIAL	47.075	SYRACUSE UNIVERSITY	2821404124S03		\$2,538		
SOCIAL	47.075	ARIZONA STATE UNIVERSITY	16805		\$3,823		
SOCIAL	47.075	UNIVERSITY OF FLORIDA	UFDSP00011551		\$131,067		
SOCIAL	47.075	UNIVERSITY OF CINCINNATI UNIVERSITY OF WISCONSIN AT	008149/L13-4500067447		\$2,179		
SOCIAL	47.075	MADISON UNIVERSITY OF TEXAS AT SAN	808K850		\$6,255		
SOCIAL	47.075	ANTONIO UNIVERSITY OF CALIFORNIA AT SANTA	1000001666		\$5,312		
SOCIAL	47.075	BARBARA	KK1636		\$6,777		
SOCIAL	47.075			\$19,921			
SOCIAL	47.075			\$4,836			
SOCIAL	47.075			\$112,955			
SOCIAL	47.075			\$12,072			
SOCIAL	47.075			\$17,627			
SOCIAL	47.075			\$2,934			
SOCIAL	47.075			\$24,935			
SOCIAL	47.075						
SOCIAL	47.075			\$12,623			\$3,058,234
				\$14,229		6 · · · 6 · ·	\$3,058,234
EDUCATION AND HUMAN RESOURCES	47.076			\$65,899		\$14,209	
EDUCATION AND HUMAN RESOURCES	47.076			\$78,283		\$29,423	
EDUCATION AND HUMAN RESOURCES	47.076			\$658,248		\$61,580	
EDUCATION AND HUMAN RESOURCES	47.076			\$543,615			
EDUCATION AND HUMAN RESOURCES	47.076			\$71,790		\$43,004	
EDUCATION AND HUMAN RESOURCES	47.076			\$3,993			
EDUCATION AND HUMAN RESOURCES	47.076			\$36,131		\$9,955	
EDUCATION AND HUMAN RESOURCES	47.076			\$56,446			
EDUCATION AND HUMAN RESOURCES	47.076			\$61,598			
EDUCATION AND HUMAN RESOURCES	47.076			\$5,552			
EDUCATION AND HUMAN RESOURCES	47.076			\$59,979			
EDUCATION AND HUMAN RESOURCES	47.076			\$23,975			
EDUCATION AND HUMAN RESOURCES	47.076			\$332,058		\$21,361	
EDUCATION AND HUMAN RESOURCES	47.076			\$306,213		φ 2 1,001	
EDUCATION AND HUMAN RESOURCES	47.076			\$115,611			
EDUCATION AND HUMAN RESOURCES	47.076			\$94,539			
EDUCATION AND HUMAN RESOURCES	47.076			\$110,305			
	47.076			\$318,135		\$132,119	
EDUCATION AND HUMAN RESOURCES							
EDUCATION AND HUMAN RESOURCES							
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076 47.076			\$36,258 \$78,978		\$11,231	

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
EDUCATION AND HUMAN RESOURCES	47.076	T uss through Entity Nume		\$69,273	experiantico	to oubrecipients	reactar grantor
EDUCATION AND HUMAN RESOURCES	47.076			\$41,602			
						¢26 702	
EDUCATION AND HUMAN RESOURCES	47.076			\$510,722		\$36,783	
EDUCATION AND HUMAN RESOURCES	47.076			\$165,792		\$67,827	
EDUCATION AND HUMAN RESOURCES	47.076			\$69,865			
EDUCATION AND HUMAN RESOURCES	47.076			\$169,491		\$56,029	
EDUCATION AND HUMAN RESOURCES	47.076			\$46,000			
EDUCATION AND HUMAN RESOURCES	47.076			\$113,600			
EDUCATION AND HUMAN RESOURCES	47.076			\$129,286			
EDUCATION AND HUMAN RESOURCES	47.076			\$74,989			
EDUCATION AND HUMAN RESOURCES	47.076			\$7.249			
EDUCATION AND HUMAN RESOURCES	47.076			\$1,767			
EDUCATION AND HUMAN RESOURCES	47.076			\$1,086			
	47.076						
EDUCATION AND HUMAN RESOURCES	47.076			\$3,171			
	17.070	CALIFORNIA STATE UNIVERSITY SAN	07.1.1.50				
EDUCATION AND HUMAN RESOURCES	47.076	BERNARDINO	GT14159		\$37,084		
EDUCATION AND HUMAN RESOURCES	47.076	COUNCIL OF GRADUATE SCHOOLS	NA		\$3,669		
		ROCHESTER INSTITUTE OF					
EDUCATION AND HUMAN RESOURCES	47.076	TECHNOLOGY	3171901		\$3,355		
EDUCATION AND HUMAN RESOURCES	47.076	KENNESAW STATE UNIVERSITY	431204SUNYSB01		\$436		
		NORTH CAROLINA AGRICULTURAL AND					
EDUCATION AND HUMAN RESOURCES	47.076	TECHNICAL STATE UNIVERSITY	260209B		\$10,520		
		PRESIDENT AND FELLOWS OF			*		
EDUCATION AND HUMAN RESOURCES	47.076	HARVARD COLLEGE	1360135101128		\$14,584		
EDUCATION AND HUMAN RESOURCES	47.076	TIARVARD COLLEGE	1300133101120	\$26,675	φ14,004		
	47.076			\$29,579			
EDUCATION AND HUMAN RESOURCES							
EDUCATION AND HUMAN RESOURCES	47.076			(\$15,496)			
EDUCATION AND HUMAN RESOURCES	47.076			\$6,879			
EDUCATION AND HUMAN RESOURCES	47.076			\$186,713			
EDUCATION AND HUMAN RESOURCES	47.076			\$163,521			
EDUCATION AND HUMAN RESOURCES	47.076			\$39,743			
EDUCATION AND HUMAN RESOURCES	47.076			\$382,072		\$145,133	
EDUCATION AND HUMAN RESOURCES	47.076			\$68.954		¢110,100	
EDUCATION AND HUMAN RESOURCES	47.076			\$106,127			
EDUCATION AND HUMAN RESOURCES	47.076			\$80,000			
EDUCATION AND HUMAN RESOURCES	47.076			\$26,264			
EDUCATION AND HUMAN RESOURCES	47.076			\$893,283			
EDUCATION AND HUMAN RESOURCES	47.076			\$75,054		\$48,718	
EDUCATION AND HUMAN RESOURCES	47.076			\$305,135			
EDUCATION AND HUMAN RESOURCES	47.076			\$450,533			
EDUCATION AND HUMAN RESOURCES	47.076			\$407,539			
EDUCATION AND HUMAN RESOURCES	47.076			\$111,113			
EDUCATION AND HUMAN RESOURCES	47.076			\$101,974			
EDUCATION AND HUMAN RESOURCES	47.076			\$20,721			
EDUCATION AND HUMAN RESOURCES	47.076			\$111,229			
EDUCATION AND HUMAN RESOURCES	47.076			\$228,895			
	47.076						
EDUCATION AND HUMAN RESOURCES				\$29,231			
EDUCATION AND HUMAN RESOURCES	47.076			\$161,887			
EDUCATION AND HUMAN RESOURCES	47.076			\$339,393			
EDUCATION AND HUMAN RESOURCES	47.076			\$44,884			
EDUCATION AND HUMAN RESOURCES	47.076			\$8,434			
EDUCATION AND HUMAN RESOURCES	47.076			\$152,478			
EDUCATION AND HUMAN RESOURCES	47.076			\$145,944			
EDUCATION AND HUMAN RESOURCES	47.076			\$181,795			
EDUCATION AND HUMAN RESOURCES	47.076			\$43,300			
EDUCATION AND HUMAN RESOURCES	47.076			\$103,550			
EDUCATION AND HUMAN RESOURCES	47.076			\$9,524			\$9,875,951
POLAR PROGRAMS	47.078			\$112,160		\$100.01C	\$112,160
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			\$914,728		\$120,048	
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			\$164,567		\$42,469	
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			\$23,334			
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	CRDF GLOBAL	OISE16621340		\$12,415		
		VIRGINIA POLYTECHNIC INSTITUTE					
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	AND STATE UNIV	47947719B88		\$35,587		
		MICHIGAN TECHNOLOGICAL					
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	UNIVERSITY	1110090Z5 PO# P0090504		\$6,188		\$1,156,819
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Federal grantor/federal subdivision or pass-through grantor Total National Science Foundation:	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures \$79,682,591	Pass- through expenditures \$3,706,859	Passed- through to Subrecipients \$15,490,659	Total expenditures by CFDA and federal grantor \$83,389,450
Small Business Administration:				\$13,002,331	45,700,055	\$10,400,000	403,303,430
		CONNECTICUT CENTER FOR ADVANCED TECHNOLOGY					
SMALL BUSINESS ADMINISTRATION	59.000	INCORPORATED	12K031		\$2,094		\$2,094
Total Small Business Administration:				\$0	\$2,094	\$0	\$2,094
U.S. Department of Veterans Affairs:							
VETERANS BENEFITS ADMINISTRATION	64.000			\$13,031			
VETERANS BENEFITS ADMINISTRATION	64.000			\$39,981			
VETERANS BENEFITS ADMINISTRATION	64.000			\$70,000			
VETERANS BENEFITS ADMINISTRATION	64.000			\$19,249			
VETERANS BENEFITS ADMINISTRATION	64.000			\$71,945			
VETERANS BENEFITS ADMINISTRATION	64.000			\$46,113			
VETERANS BENEFITS ADMINISTRATION	64.000			\$37,729			
VETERANS BENEFITS ADMINISTRATION	64.000			\$9,650			
VETERANS BENEFITS ADMINISTRATION	64.000			\$9,557			
VETERANS BENEFITS ADMINISTRATION	64.000			\$12,815			
VETERANS BENEFITS ADMINISTRATION	64.000			\$88,025			
VETERANS BENEFITS ADMINISTRATION	64.000			\$112,518			
VETERANS BENEFITS ADMINISTRATION	64.000			\$6,933			
VETERANS BENEFITS ADMINISTRATION	64.000			\$71,507			
VETERANS BENEFITS ADMINISTRATION	64.000			\$67,359			
VETERANS BENEFITS ADMINISTRATION	64.000			\$83,343			
VETERANS BENEFITS ADMINISTRATION	64.000			\$77,563			
VETERANS BENEFITS ADMINISTRATION	64.000			\$111,115			
VETERANS BENEFITS ADMINISTRATION	64.000			\$140,809			
VETERANS BENEFITS ADMINISTRATION	64.000			\$4,170			
VETERANS BENEFITS ADMINISTRATION	64.000			\$3,558			
VETERANS BENEFITS ADMINISTRATION	64.000			\$9,999			
VETERANS BENEFITS ADMINISTRATION	64.000			\$1,208			
VETERANS BENEFITS ADMINISTRATION	64.000			\$3,885 \$1,712			
VETERANS BENEFITS ADMINISTRATION	64.000						
VETERANS BENEFITS ADMINISTRATION	64.000 64.000			\$4,135			
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000			\$4,049 \$1,551			
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000			\$1,551			
VETERANS BENEFITS ADMINISTRATION	64.000			\$15,150 \$36,007			
VETERANS BENEFITS ADMINISTRATION				\$38,020			\$1,212,686
Total U.S. Department of Veterans Affairs:	64.000			\$1,212,686	\$0	\$0	\$1,212,686
Environmental Protection Agency:				\$1,212,000		φυ	ψ1,212,000
ENVIRONMENTAL PROTECTION AGENCY	66.000			\$3,154			
ENVIRONMENTAL PROTECTION AGENCY	66.000	AMEC FOSTER WHEELER	EPW16015	\$0,104	\$361		
ENVIRONMENTAL PROTECTION AGENCY	66.000	AMEC FOSTER WHEELER NYS DEPARTMENT OF	EPW16015		\$2,733		
ENVIRONMENTAL PROTECTION AGENCY	66.000	ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF	AMO10009		\$4,624		
ENVIRONMENTAL PROTECTION AGENCY	66.000	ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF	AM10700		\$5,426		
ENVIRONMENTAL PROTECTION AGENCY	66.000	ENVIRONMENTAL CONSERVATION	AM10700		\$35,676		\$51,974
LONG ISLAND SOUND PROGRAM	66.437	Environment ne oondertry mon	/////0/00	\$119,122	φ00,070	\$116,953	\$119,122
NATIONAL ESTUARY PROGRAM	66.456			\$61,346			\$61,346
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461			\$45,472			
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461			\$59,112			
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461			\$34,783			
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461	NATURESERVE	NY029FY17		\$356		\$139,723
GREAT LAKES PROGRAM	66.469			\$34,774			
GREAT LAKES PROGRAM	66.469			\$80,614			
GREAT LAKES PROGRAM	66.469			\$5,834			
GREAT LAKES PROGRAM	66.469	STATE UNIVERSITY OF NEW YORK	C001263		\$165,126		
GREAT LAKES PROGRAM	66.469	CENTRAL MICHIGAN UNIVERSITY	F62951		\$222,589		
	66.469	CORNELL UNIVERSITY	6850010015		\$131,326		
GREAT LAKES PROGRAM			DI 1000005011		60 F = 2		
GREAT LAKES PROGRAM GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469	INDIANA UNIVERSITY CORNELL UNIVERSITY	BL4339905SU GL00E02254		\$6,556 \$201,840		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
GREAT LAKES PROGRAM	66.469	CLARKSON UNIVERSITY	10017901PO88281		\$11,086		
GREAT LAKES PROGRAM	66.469	CLARKSON UNIVERSITY	100621-2 PO# CLKSN-0000089722		\$324,583		\$1,242,193
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509			\$333,461		\$26,845	
		WATER ENVIRONMENT RESEARCH					
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509	FOUNDATION	STARWR3SG16		\$40,995		\$374,456
P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR							
SUSTAINABILITY	66.516			\$24,087			\$24,087
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE		NYS DEPARTMENT OF		+= .,			
INSULAR AREAS - PROGRAM SUPPORT	66.600	ENVIRONMENTAL CONSERVATION	AM09757		\$20.841		
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE	00.000	NYS DEPARTMENT OF			<i>\\\</i> 20,011		
INSULAR AREAS - PROGRAM SUPPORT	66.600	ENVIRONMENTAL CONSERVATION	AM09757		\$111,863		\$132,704
	00.000	NYS DEPARTMENT OF			<i>\\\\\\\\\\\\\</i>		\$10 <u>2</u> ,101
PERFORMANCE PARTNERSHIP GRANTS	66.605	ENVIRONMENTAL CONSERVATION	AM09358		\$58,326		\$58,326
ENVIRONMENTAL EDUCATION GRANTS	66.951	SYRACUSE UNIVERSITY	2822004178S01		\$17,710		\$17,710
	00.331	STRACOSE ONIVERSITI	2022004170301	\$801,759	\$1,419,882	\$143,798	\$2,221,641
Total Environmental Protection Agency:				\$601,759	\$1,419,00Z	\$143,796	φ2,221,041
S. Department of Energy:			0.171.00		A 4 A B		
DEPARTMENT OF ENERGY	81.000	SAGE ENGINEERING ASSOCIATES	3174.02	A	\$1,873		
DEPARTMENT OF ENERGY	81.000			\$2,789,313			
DEPARTMENT OF ENERGY	81.000			\$97,040			
DEPARTMENT OF ENERGY	81.000			\$267			
DEPARTMENT OF ENERGY	81.000			\$94,120			
DEPARTMENT OF ENERGY	81.000			\$25,807			
		BECHTEL MARINE PROPULSION					
DEPARTMENT OF ENERGY	81.000	CORPORATION	7015811		\$14,476		
		BECHTEL MARINE PROPULSION					
DEPARTMENT OF ENERGY	81.000	CORPORATION	125579		\$2,910		
		NATIONAL RENEWABLE ENERGY					
DEPARTMENT OF ENERGY	81.000	LABORATORY	ZEJ-5-42250-01		\$77,515		
		PACIFIC NORTHWEST NATIONAL					
DEPARTMENT OF ENERGY	81.000	LABORATORY	291171		\$3,567		
DEPARTMENT OF ENERGY	81.000	SAGE ENGINEERING ASSOCIATES	IV 307 10 File 3108.02		\$6,928		
DEPARTMENT OF ENERGY	81.000	UT BATTELLE LLC	4000151496		\$15,876		
		PACIFIC NORTHWEST NATIONAL			• • • • • •		
DEPARTMENT OF ENERGY	81.000	LABORATORY	325820		\$33,545		
		PACIFIC NORTHWEST NATIONAL			*** ,• •		
DEPARTMENT OF ENERGY	81.000	LABORATORY	383977		\$30,000		
DEPARTMENT OF ENERGY	81.000	UT BATTELLE LLC	4000160786		\$11,826		
DEPARTMENT OF ENERGY	01.000	PACIFIC NORTHWEST NATIONAL	4000100700		\$11,020		
DEPARTMENT OF ENERGY	81.000	LABORATORY	397747		\$10,577		
DEFARTMENT OF ENERGY	01.000	REGENTS OF THE UNIVERSITY OF	331141		φ10,577		
DEPARTMENT OF ENERGY	81.000	CALIFORNIA	6978802		\$77,077		
DEPARTMENT OF ENERGY	81.000	UT BATTELLE LLC	4000120146		(\$60)		
DEPARTMENT OF ENERGY	81.000	REGENTS OF THE UNIVERSITY OF	4000120148		(400)		
		CALIFORNIA, LAWRENCE BERKELEY					
DEPARTMENT OF ENERGY	81.000	NATIONAL LABORATORY	7063673		\$31,150		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	00147069		\$31,150		
DEPARTMENT OF ENERGY	61.000	BATTELLE ENERGY ALLIANCE LLC	00147069		\$30,711		
DEPARTMENT OF ENERGY	81.000	LOS ALAMOS NATIONAL SECURITY LLC	000100		605 570		
DEPARTMENT OF ENERGY	81.000	ENVIRO COMPLIANCE SOLUTIONS	308122		\$25,572		
DEPARTMENT OF ENERGY	81.000	INCORPORATED	NA		\$4,909		
DEPARTMENT OF ENERGY	81.000	UCHICAGO ARGONNE LLC	6F30481		\$25,987		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	166509		\$3,121		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	171009		\$12,221		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	171087		\$119,493		
DEPARTMENT OF ENERGY	81.000	UCHICAGO ARGONNE LLC	7F30009		\$12,000		
DEPARTMENT OF ENERGY	81.000	LOS ALAMOS NATIONAL SECURITY LLC	421987		\$73,939		
DEPARTMENT OF ENERGY	81.000	UT BATTELLE LLC	4000152739		\$73,307		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	185509		\$132,096		
DEPARTMENT OF ENERGY	81.000	UT BATTELLE LLC	4000156883		\$7,849		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	194053		\$29,799		
DEPARTMENT OF ENERGY	81.000	UCHICAGO ARGONNE LLC	8F30049		\$4,623		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	201255		\$4,862		\$3,884,296
	81.049			\$200,063		\$20,428	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM							
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$81,066			

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
 OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$61.095		\$103,434	j
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$199,974			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$38,183		\$1,809,460	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$2,950,224			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$204,423			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			\$15,099 \$186,123			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$165,707			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$134,713			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			(\$99)		\$45,036	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$189,815			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$5,000			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$44,059			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$347,188			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			\$416,574 \$785,309			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$742,612			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$308,139			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$102,050			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$138,693			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$20,220			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$157,380			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			\$3,565 \$218,375		\$721	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$218,375 \$1,007,545		\$282,560	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$282,560		\$463,439	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$1,504,244		\$100,100	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$101,912			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$473,056			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$133,159		\$165,338	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$259,811			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			\$1,168 \$118,168			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$7,842			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$296,423		\$17,263	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$122,920			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$191,203			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$79,889			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$39,999			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$112,054			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			\$122,119 \$63,464			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$20,747			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$41.321			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$71,863			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$68,945			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PHYSICAL OPTICS CORPORATION	DE-SC0015190		\$51,027		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	CENTRAL MICHIGAN UNIVERSITY	F62988		\$102,171		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	HELIOS-NRG LLC BROOKHAVEN SCIENCE ASSOCIATES	DESC0017077SUNYAB		\$27,773		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	200934		\$586		
	01.045	BROOKHAVEN SCIENCE ASSOCIATES	200304		φοσο		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	255667		\$3,385		
		BROOKHAVEN SCIENCE ASSOCIATES					
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	278191		\$33,071		
	04 0 40	BROOKHAVEN SCIENCE ASSOCIATES	001700				
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		281703		\$11,540		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	SANDIA NATIONAL LABORATORIES BATTELLE	1577660 264226		\$50,948 \$17,055		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF WASHINGTON	BPO10955		\$141,653		
	00.0	AERODYNE RESEARCH	2. 2. 5000		<i></i> ,		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	INCORPORATED	ARI111251		\$249,433		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LOS ALAMOS NATIONAL SECURITY LLC	367958		\$327,118		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	308451		\$71.513		
	01.049	220			ψ/1,010		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name BROOKHAVEN SCIENCE ASSOCIATES	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	309765		\$20,410		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	314410		\$45,673		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	311361		\$103,526		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UT BATTELLE LLC	4000148410		\$5,988		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UT BATTELLE LLC	4000148409		\$54,920		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF CALIFORNIA AT DAVIS UNIVERSITY OF ILLINOIS URBANA	201603457-03		\$74,241		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	CHAMPAIGN BROOKHAVEN SCIENCE ASSOCIATES	00103516153		\$144,507		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	318120		\$74,392		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	319443		\$12,084		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK REGENTS OF THE UNIVERSITY OF	G11590		\$26,877		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	CALIFORNIA PENNSYLVANIA STATE UNIVERSITY	2095 G VA116 5490SUNYSBDOE1090		\$97,550 \$19,978		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	JEFFERSON SCIENCE ASSOCIATES LLC SYDOR INSTRUMENTS LIMITED	17P0288		\$18,060		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LIABILITY CORPORATION DELAWARE DIAMOND KNIVES	DE-SC0007482		(\$105)		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	INCORPORATED SLAC NATIONAL ACCELERATOR	SBIR 1 22672		\$37,227		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LABORATORY	175188		\$48,510		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF PRINCETON UNIVERSITY	S015776-H		\$54,000		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF PRINCETON UNIVERSITY	S015775-H		\$52,132		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK BROOKHAVEN SCIENCE ASSOCIATES	1(GG008598-02)		\$24,091		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	339931		\$136,210		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	341921		\$86,530		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MICHIGAN STATE UNIVERSITY	RC107788 SBU		\$1,111		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF ROCHESTER MASSACHUSETTS INSTITUTE OF	417190G		\$2,059		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TECHNOLOGY	N/A	•	\$12,366		\$15,148,670
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			\$193,728			
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086 81.086			\$269,128 \$218,504			
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			\$243,793			
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			\$116,963			
	01.000	REGENTS OF THE UNIVERSITY OF CALIFORNIA, LAWRENCE BERKELEY		\$110,000			
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	NATIONAL LABORATORY	7239672		\$4,400		
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	NORTH CAROLINA STATE UNIVERSITY	2014-0654-69		\$171,663		
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	CARNEGIE MELLON UNIVERSITY	1070228-377286		\$60,256	\$1,446,437	\$1,278,435
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			\$1,821,998		(\$1,452,666)	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			(\$1,908,392)		\$21,912	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			\$25,180		\$42,734	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		N//A	\$589,407	640 FT -		
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	PACE UNIVERSITY GINER INC	N/A		\$10,551		
	81.087	AMERICAN SUPERCONDUCTOR	DEEE0006960		\$3,026		
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	CORPORATION	59926 DEFE0009075		\$92,138		
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087	GINER INC CARNEGIE MELLON UNIVERSITY	DEEE0008075 1070234390205		\$52,815 \$30,783		
NENEWOOLL ENERGY REGERION AND DEVELOPMENT	01.007	SAMUEDIE MELLUM UNIVERSIT	1010204030200		φου, <i>ι</i> οδ		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
		CONSORTIUM FOR RESEARCH ON RENEWABLE INDUSTRIAL MATERIALS					
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	(CORRIM)	1018		\$3,665		\$721,171
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	(CONTRAIN)	1010	\$576,214	ψ3,005		ψ/21,1/1
	01.000	GENERAL ELECTRIC GLOBAL		\$010 <u>,</u> 211			
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	RESEARCH	401071968		\$126,796		
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	GAS TECHNOLOGIES INSTITUTE	S717 22154		\$22,504		\$725,514
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112			\$222,175			
		CARNEGIE INSTITUTION OF					
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112	WASHINGTON	41046922		\$38,300		
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112	UNIVERSITY OF ROCHESTER	416231G		\$406,227		\$666,702
		LAWRENCE LIVERMORE NATIONAL					
NUCLEAR ENERGY RESEARCH	81.121		DE-AC52-07NA27344		\$21,717		
	04 404	LAWRENCE LIVERMORE NATIONAL	D000100		600 400		
NUCLEAR ENERGY RESEARCH	81.121	LABORATORY	B626462		\$32,160		* · · · · · · · · · · · · · · · · · · ·
NUCLEAR ENERGY RESEARCH	81.121	PURDUE UNIVERSITY	410564826		\$54,359		\$108,236
		BOARD OF TRUSTEES OF THE LELAND					
PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM	81.124	STANFORD JUNIOR UNIVERSITY	60541887-107908		\$125,458	\$77,828	\$125,458
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	STANFORD SOMOR UNIVERSITY	00341007-107900	\$175,976	ψ120,400	\$100,964	φ120,400
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135			\$361,158		\$217,429	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135			\$468,026		<i>\\\</i>	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	COLUMBIA UNIVERSITY	3 GG008711	\$100,020	\$106,706		
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	BETTERGY CORPORATION	DEAR0000817		\$115,877		
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	GINER INC	DEAR0000814		\$171,125		\$1,398,868
Total U.S. Department of Energy:				\$19,289,465	\$4,767,885	\$3,362,317	\$24,057,350
U.S. Department of Education:							
TRIO STUDENT SUPPORT SERVICES	84.042			\$111,813			\$111,813
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116	EXCELSIOR COLLEGE	P116F150077		\$77,938		\$77,938
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO		NYS OFFICE OF CHILDREN AND FAMILY					
STATES	84.126	SERVICES	C026892		\$29,520		\$29,520
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$99,738			\$99,738
EDUCATION RESEARCH	84.305			\$150,315		\$40,698	
EDUCATION RESEARCH	84.305			\$580,970		\$267,079	
EDUCATION RESEARCH	84.305	KATHOLIEKE UNIVERSITEIT LEUVEN	R305D15000703		\$16,908		
EDUCATION RESEARCH	84.305	OREGON STATE UNIVERSITY	ED162AB		\$10,079		
EDUCATION RESEARCH	84.305	FLORIDA INTERNATIONAL UNIVERSITY	80000760301UG		\$84,836		\$843,108
RESEARCH IN SPECIAL EDUCATION	84.324			\$259,969		\$161,805	
RESEARCH IN SPECIAL EDUCATION	84.324	CANISIUS COLLEGE	N/A		\$27,796		\$287,765
STATE FISCAL STABILIZATION FUND (SFSF) - RACE-TO-THE-TOP INCENTIVE	04.005	RESEARCH FOUNDATION OF CITY	540004		(604.007)		(\$04.007)
GRANTS	84.395	UNIVERSITY OF NEW YORK	54863A	£4 000 00F	<u>(\$21,967)</u> \$225,110	£400 500	(\$21,967)
Total U.S. Department of Education:				\$1,202,805	\$225,110	\$469,582	\$1,427,915
Scholarship Foundations:	05 004			* 0.700			* 0 7 00
SMITHSONIAN INSTITUTION FELLOWSHIP PROGRAM	85.601			\$6,760 \$6,760	\$0	\$0	\$6,760 \$6,760
Total Scholarship Foundations:				\$6,760	م 0		\$0,760
National Archives and Records Administration:	00.000			610.001			
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003			\$10,324			* ^^ ^
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003			\$20,536 \$30,860	\$0	\$0	\$30,860 \$30,860
Total National Archives and Records Administration:				\$30,860	\$0	<u>\$0</u>	\$30,860
U.S. Department of Health and Human Services:	00.000			* 1 150 150		6000.000	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			\$1,450,456		\$226,006	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000			\$1,356,256 \$53,724		\$407,469	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000			\$45,881 \$22,462		\$15,000	
DEPARTMENT OF HEALTH AND HOMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	UNIVERSITY OF SOUTH FLORIDA	PO0000232754	φ∠∠,40Ζ	\$56,553	φ10,000	
DEPARTMENT OF HEALTH AND HOMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	UNIVERSITY OF SOUTH FLORIDA	UFDSP00010666		\$28,225		
DEFAR TWENT OF HEALTH AND HUWAN SERVICES	93.000	REGENTS OF THE UNIVERSITY OF	0503500010000		⊅∠0,225		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	CALIFORNIA, SAN FRANCISCO	8890sc		\$34,588		
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	ATOX BIO LIMITED	ATB202		\$34,588 \$7,000		
DELANTIVIENT OF REALTRAIND RUIVIAIN SERVICES	93.000	ATOA BIO LIWITED	AIDZVZ		φ1,000		
		TRUSTEES OF COLUMBIA UNIVERSITY					
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	IN THE CITY OF NEW YORK	R01HL117832/COLUM-0000112270		\$17,348		
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Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL128310/ COLUM114793		\$30,936		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL128497/PO Colum0000112259		\$30,836		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL132347 COLUM0000112328		\$33,096		
		TRUSTEES OF COLUMBIA UNIVERSITY					
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	IN THE CITY OF NEW YORK	R01HL134985/colum-0000088534		\$14,803		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	DUKE UNIVERSITY	201316 2752010000031		\$3,698		
DEPARTMENT OF HEALTH AND HUMAN SERVICES BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND	93.000	NRG ONCOLOGY FOUNDATION INC	N/A		\$5,806		\$3,191,668
SURVEILLANCE FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT	93.073	UNIVERSITY OF SOUTH CAROLINA	183438PO2000037059		\$44,044		\$44,044
REGULATORY RESEARCH	93.077	HEALTH RESEARCH INC	147-03		\$12,644		
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT	33.077	AMERICAN HEART ASSOCIATION	147-03		ψ12,044		
REGULATORY RESEARCH	93.077	INCORPORATED	FXATRACSB05		\$20,435		\$33,079
"BLOOD DISORDER PROGRAM: PREVENTION	93.080	MOUNT SINAI ICAHN SCHOOL OF MEDICINE AT	025893344609		\$11,667		
"BLOOD DISORDER PROGRAM: PREVENTION	93.080	MOUNT SINAI	025893354609		\$966		\$12,633
"PREVENTION OF DISEASE	93.084	EMORY UNIVERSITY	N/A		\$16,666		ψ12,000
"PREVENTION OF DISEASE	93.084	EMORY UNIVERSITY	N/A		\$138,145		\$154,811
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD	55.004		1071		ψ100,140		0104,011
GRANTS HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD	93.086	CENTER FOR POLICY RESEARCH	360985-CPR		\$41,332		
GRANTS	93.086	RETREAT INCORPORATED	90FK0104		\$62,141		
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	RETREAT INCORPORATED	90FK0104-03-00		\$89,994		\$193,467
HHS PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT - NON CONSTRUCTION	93.095			(\$2,425)			
HHS PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT - NON							
CONSTRUCTION	93.095			(\$180)			(\$2,605)
		UNIVERSITY OF NORTH CAROLINA AT					
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103	CHAPEL HILL APPLIED RESEARCH ASSOCIATES	5105900		\$11,237		
FOOD AND DRUG ADMINISTRATION RESEARCH COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN	93.103	INCORPORATED	PO17-00026		\$21,439		\$32,676
WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	COORDINATED CARE SERVICES INC	N/A		\$1,334		\$1,334
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93,110	MOUNT SINAI SCHOOL OF MEDICINE	025365464609		\$14,186		\$14,186
ENVIRONMENTAL HEALTH	93.113			\$155,672		\$3,377	
ENVIRONMENTAL HEALTH	93.113			\$14,595			
ENVIRONMENTAL HEALTH	93.113			\$93,776		\$70,893	
ENVIRONMENTAL HEALTH	93.113			\$45,358			
ENVIRONMENTAL HEALTH	93.113			\$73,883			
ENVIRONMENTAL HEALTH	93.113			\$14,714		* ^^ ^ ^	
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113			\$222,946 \$26,130		\$86,650	
ENVIRONMENTAL HEALTH	93.113			\$164,630		\$93,616	
ENVIRONMENTAL HEALTH	93.113			\$272,629		\$164,220	
ENVIRONMENTAL HEALTH	93.113			\$2,723		\$2,723	
ENVIRONMENTAL HEALTH	93.113			\$23,477		ψ2,720	
ENVIRONMENTAL HEALTH	93.113			\$339,971			
ENVIRONMENTAL HEALTH	93.113			\$327,435		\$272,625	
ENVIRONMENTAL HEALTH	93.113			\$255,438			
ENVIRONMENTAL HEALTH	93.113			\$157,851			
ENVIRONMENTAL HEALTH	93.113			\$276,217		\$176,678	
ENVIRONMENTAL HEALTH	93.113			\$154,181			
ENVIRONMENTAL HEALTH	93.113	UNIVERSITY OF ARIZONA	N/A		\$19,561		
ENVIRONMENTAL HEALTH	93.113	UNIVERSITY OF IOWA	1001555362		\$81,017		
ENVIRONMENTAL HEALTH	93.113	CORNELL UNIVERSITY	7309410899		\$22,113		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name REGENTS OF THE UNIVERSITY OF	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
ENVIRONMENTAL HEALTH	93.113	MINNESOTA	P005170802		\$93,797		
ENVIRONMENTAL HEALTH	93,113	SYRACUSE UNIVERSITY	SP25865103330S02		\$13,517		\$2,870,464
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$21,338			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$496,058			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$21,150			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$2,456			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$86,914			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$823			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$453,877			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$858,314		\$35,271	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$9,158		\$35,271	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$346,196			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$80,755		A / A = A	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$181,664		\$107,547	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$87,838		\$11	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$32,945			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$122,004			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$370,524			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$99,654			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$93,965		\$22,945	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$171,911			
ORAL DISEASES AND DISORDERS RESEARCH	93,121			\$27,032		\$2,388	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$58,361		+_,	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$111,633			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$105,568			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$105,821			
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CURATORS OF THE UNIVERSITY OF		\$105,621			
ORAL DISEASES AND DISORDERS RESEARCH	93.121	MISSOURI REGENTS OF THE UNIVERSITY OF	0039118		\$3,233		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	MINNESOTA	P001901002		\$84,271		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	NEW YORK UNIVERSITY WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA	F714602		\$89,740		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	UNIV.	12842UB		\$18,334		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	UNIVERSITY OF CONNECTICUT	UCH653171569		\$26,128		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	UNIVERSITY OF UTAH	10036053		\$981		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CURE INNOVATIONS, LLC	R41DE026085SUNY01		\$9,203		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5105424		\$113,727		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5105286		\$356,879		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CURATORS OF THE UNIVERSITY OF					
	93.121	MISSOURI	C000543201		\$139,069		
ORAL DISEASES AND DISORDERS RESEARCH		UNIVERSITY OF UTAH	10041969		\$42,787		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	NEW YORK UNIVERSITY	F057201		\$36,267		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	GLYCOMIRA THERAPEUTICS TRAVERSE BIOSCIENCES	5R44DE022216		\$5,089		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	INCORPORATED	TRB-N0224	AT 101	\$314,007		
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$7,104			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$535			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$295,981			
ORAL DISEASES AND DISORDERS RESEARCH	93.121			\$21,462			\$5,510,756
GRANTS TO INCREASE ORGAN DONATIONS	93.134			\$26,358			
GRANTS TO INCREASE ORGAN DONATIONS INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND	93.134	NY ALLIANCE FOR DONATION RESEARCH INSTITUTE AT NATIONWIDE	R39OT27803		\$8.687		\$35.045
COMMUNITY BASED PROGRAMS NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND	93.136	CHILDRENS HOSPITAL	71005071806		\$26,867		\$26,867
EDUCATION HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.143 93.145	DARTMOUTH COLLEGE COLUMBIA UNIVERSITY	R155 3GG01189702 SAPO:G11263		\$40.301 \$11,449		\$40,301
							¢105 044
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145	COLUMBIA UNIVERSITY	3GG01189703 PO: G12258		\$174,462		\$185,911
"COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN	93.153	WESTAT CORPORATION	HHSN275201300003C	A A A A A	\$54,359		\$54,359
HUMAN GENOME RESEARCH	93.172			\$227,363			-
HUMAN GENOME RESEARCH	93.172			\$191,979			\$419,342
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$54,944		\$15,350	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$486,710		\$31,024	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$301,908			

							Total
					Pass-	Passed-	expenditures
Federal menter/federal cubdivision or need through menter	CFDA number	Deep through Entity Name	Deep through number	Direct	through	through	by CFDA and
Federal grantor/federal subdivision or pass-through grantor RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	Pass-through Entity Name	Pass-through number	expenditures \$467,393	expenditures	to Subrecipients \$185,332	federal grantor
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$293,306		ψ100,00Z	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$141,568			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$354,974			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$393,641			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$451,456		\$39,924	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			\$323,877 \$120,847			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$327,116		\$130,541	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$308,365		\$31,493	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$3,392			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			(\$1,971)			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$336,939			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			\$49,977 \$562,448			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$116,574			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$361,664			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$89,796			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$8,424			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$89,733			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$56,327			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			\$60,482 \$506,862		\$232,829	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	DUKE UNIVERSITY	2031900	4500,002	\$9,822	ψ232,023	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	UNIVERSITY OF GEORGIA	RR209-110/S000709		\$226,411		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	MICROTRANSPONDER INCORPORATED	MTT02		\$1,422		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	UNIVERSITY OF FLORIDA GATEWAY BIOTECHNOLOGY	UFDSP00010788		\$91,065		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	INCORPORATED	NA		\$7,860		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	MOOR OR TED		\$60.790	ψ1,000		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$58,749			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$18,240			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$23,095			\$6,764,206
DISABILITIES PREVENTION	93.184	MOUNT SINAI SCHOOL OF MEDICINE	025893344609		\$3,198		\$3,198
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213			\$142,693			
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE	93.213			\$142,093			
HEALTH	93.213			\$203,385			
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE							
HEALTH	93.213			(\$46,647)			
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE			15 10 1 7000 7500 1		A / A A A A		
	93.213 93.226	LUCIGEN CORPORATION	1R43AT00875601	\$ C 242	\$13,632		\$313,063
"RESEARCH ON HEALTHCARE COSTS "RESEARCH ON HEALTHCARE COSTS	93.226			\$6,343 \$53,852			
"RESEARCH ON HEALTHCARE COSTS	93.226			\$174,413		\$11,345	
"RESEARCH ON HEALTHCARE COSTS	93.226			\$4,601		\$2,641	
		MEDSTAR HEALTH RESEARCH					
"RESEARCH ON HEALTHCARE COSTS	93.226	INSTITUTE	GM005150		\$145,640		\$384,849
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233	RAND CORPORATION	9920150086	\$00.00 7	\$13,666		\$13,666
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			\$66,997 \$1,090		\$235	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			\$469,730		923D	
MENTAL HEALTH RESEARCH GRANTS	93.242			(\$3,503)		(\$3,503)	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$87,252		(
MENTAL HEALTH RESEARCH GRANTS	93.242			\$12,515			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$645,582		\$2,331	
MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			\$991,160		\$23,482	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			\$386,025 \$206,390		\$268,759	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$200,390			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$229,657			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$315,577			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$230,465			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$24,681			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$188,121			

							Total
Enderal granter federal subdivision or pass through granter	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through	expenditures by CFDA and federal grantor
Federal grantor/federal subdivision or pass-through grantor MENTAL HEALTH RESEARCH GRANTS	93.242	Fass-tillough Entity Name	Fass-unough humber	\$109,337	expenditures	to Subrecipients \$97,789	leueral grantor
MENTAL HEALTH RESEARCH GRANTS	93.242			\$431,942		491,109	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$784,003			
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS						\$1,438	
	93.242			\$315,568			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$189,504		\$16,653	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$384,547			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$86,671			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$176,187			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$9,483			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$29,869			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$1,558,735		\$554,536	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$636,113		\$332,999	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$459,034		+,	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$332,574		\$147,538	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$19.085		φ141,000	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$161,056			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$164,306			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$2,261			
MENTAL HEALTH RESEARCH GRANTS	93.242			(\$3,803)			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$35,791			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$588,100			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$446,808		\$53,393	
MENTAL HEALTH RESEARCH GRANTS	93.242			\$259,153			
MENTAL HEALTH RESEARCH GRANTS	93.242	HARVARD MEDICAL SCHOOL	15244750978010211		\$10,035		
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF GEORGIA	RR274-463/S001440		\$57,784		
MENTAL HEALTH RESEARCH GRANTS	93.242	SIMMERSION	5065-BU		\$3,174		
MENTAL HEALTH RESEARCH GRANTS	93.242	RTI INTERNATIONAL	2340021265451723L		(\$248)		
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF ROCHESTER	416665		\$16,568		
WEIGHTENENENEDENKON OKNIGO	30.242	INTRA CELLULAR THERAPIES	410000		φ10,000		
MENTAL HEALTH RESEARCH GRANTS	93.242	INCORPORATED	R43MH108209		\$14,786		
		MASSACHUSETTS INSTITUTE OF					
MENTAL HEALTH RESEARCH GRANTS	93.242	TECHNOLOGY	5710004178		\$405,710		
MENTAL HEALTH RESEARCH GRANTS	93.242	TETRA DISCOVERY PARTNERS	R44MH091791		\$125,429		
MENTAL HEALTH RESEARCH GRANTS	93.242	ASDDR LLC	R41MH11223701A1		\$116,304		
MENTAL HEALTH RESEARCH GRANTS	93.242	RTI INTERNATIONAL	1340021596665003L		\$153,314		
	00.2.12	RESEARCH FOUNDATION FOR MENTAL	101002100000002		01001011		
MENTAL HEALTH RESEARCH GRANTS	93.242	HYGIENE	130312		\$42,532		
		NEW YORK UNIVERSITY SCHOOL OF			*,		
MENTAL HEALTH RESEARCH GRANTS	93.242	MEDICINE	12-01970 PO#M160024124		\$11,176		
WEIGHTENENENENENENEN	30.242	VANDERBILT UNIVERSITY MEDICAL	12 013701 0#1000024124		φ11,170		
MENTAL HEALTH RESEARCH GRANTS	93.242	CENTER	4018066223 - VUMC64356		\$51,707		
WENTAL REALTH RESEARCH GRANTS	93.242	UNIVERSITY OF SOUTHERN	4018080223 - 000004338		φ31,707		
MENTAL HEALTH RESEARCH GRANTS	93.242	CALIFORNIA	71019513 PO:50406859		\$259,868		
MENTAL REALTH RESEARCH GRANTS	93.242	CALIFORNIA	71019513 PO:50406659		¢∠09,666		
		TRUSTEES OF COLUMBIA UNIVERSITY					
MENTAL HEALTH RESEARCH GRANTS	93.242	IN THE CITY OF NEW YORK	1GG01220601 PO: G11756		\$32,439		
		ICAHN SCHOOL OF MEDICINE AT					
MENTAL HEALTH RESEARCH GRANTS	93.242	MOUNT SINAI	025582314609		\$17,015		
		OREGON HEALTH & SCIENCE					
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY	1002908RFSUNY		\$18,474		
		TRUSTEES OF THE UNIVERSITY OF					
MENTAL HEALTH RESEARCH GRANTS	93.242	PENNSYLVANIA	569774		\$6,833		
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF ROCHESTER	416983FAOGR510547		\$2,470		
		QUADRANT BIOSCIENCES					
MENTAL HEALTH RESEARCH GRANTS	93.242	INCORPORATED	N/A		\$15,948		
		ICAHN SCHOOL OF MEDICINE AT			••••••		
MENTAL HEALTH RESEARCH GRANTS	93.242	MOUNT SINAI	025500914609		\$103,054		
WEIGHTENENENENENENEN	30.242	ICAHN SCHOOL OF MEDICINE AT	020000014000		φ100,00 4		
MENTAL HEALTH RESEARCH GRANTS	93.242	MOUNT SINAI	025514424609		\$36,714		
			020014424009	\$20.449	φ30,714		
MENTAL HEALTH RESEARCH GRANTS	93.242			\$29,118			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$454			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$8,154			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$52,569			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$37,648			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$50,040			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$40,794			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$34,877			
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Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
MENTAL HEALTH RESEARCH GRANTS	93.242			\$36,676			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$26,572			
MENTAL HEALTH RESEARCH GRANTS	93.242			\$16,590			\$12,989,982
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF		ADDICTIONS CARE CENTER OF ALBANY					
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	INCORPORATED	N/A		\$49,240		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	00.040	BESTSELF BEHAVIORAL HEALTH	014000404		670 470		
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	INCORPORATED ERIE COUNTY DEPARTMENT OF	SM062404		\$79,178		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243	MENTAL HEALTH	1686MH		\$155,163		
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243	RESEARCH FOUNDATION FOR MENTAL			φ100,100		
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	HYGIENE	N/A		\$694		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	50.240	RESEARCH FOUNDATION FOR MENTAL			φ004		
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	HYGIENE	N/A		\$1,425		\$285,700
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247			\$660,064			\$660,064
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			(\$1,499)			
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$48,644			
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$679,455			
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$1,938			
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$13,229			
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$79,942			
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$156,206		\$33,848	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$537,520			
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$446,612			
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	02.000	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025265274600		\$8,358		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	ICAHN SCHOOL OF MEDICINE AT	025365374609		\$8,358		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	MOUNT SINAI	025458314609		\$20,574		
OCCOPATIONAL SAFETT AND HEALTH PROGRAM	93.202	NEW YORK UNIVERSITY SCHOOL OF	023438314009		φ20,574		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	MEDICINE	15A00000409701/M160018288		\$26,037		
	00.202	ICAHN SCHOOL OF MEDICINE AT	10110000010010111100010200		Q20,001		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	MOUNT SINAI	025459214609		\$63,139		
		ICAHN SCHOOL OF MEDICINE AT					
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	MOUNT SINAI	025459224609		\$212,336		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			\$113,639			\$2,406,130
ALCOHOL RESEARCH PROGRAMS	93.273			\$430,740			
ALCOHOL RESEARCH PROGRAMS	93.273			\$140,058		\$23,836	
ALCOHOL RESEARCH PROGRAMS	93.273			\$466,966		\$110,797	
ALCOHOL RESEARCH PROGRAMS	93.273			\$68,611			
ALCOHOL RESEARCH PROGRAMS	93.273			\$62,605			
ALCOHOL RESEARCH PROGRAMS	93.273 93.273			\$329,805		£400.007	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273			\$1,079,989 \$234,513		\$186,927	
ALCOHOL RESEARCH PROGRAMS	93.273			\$44,250			
ALCOHOL RESEARCH PROGRAMS	93.273			\$108,235			
ALCOHOL RESEARCH PROGRAMS	93.273			\$445,763			
ALCOHOL RESEARCH PROGRAMS	93.273			\$544,803			
ALCOHOL RESEARCH PROGRAMS	93.273			\$31,525			
ALCOHOL RESEARCH PROGRAMS	93.273			\$429,461			
ALCOHOL RESEARCH PROGRAMS	93.273			\$496,833		\$11,119	
ALCOHOL RESEARCH PROGRAMS	93.273			\$523,144		\$15,723	
ALCOHOL RESEARCH PROGRAMS	93.273			\$308,083			
ALCOHOL RESEARCH PROGRAMS	93.273			\$425,494		\$314,832	
ALCOHOL RESEARCH PROGRAMS	93.273			\$209,467			
ALCOHOL RESEARCH PROGRAMS	93.273			\$75,094			
ALCOHOL RESEARCH PROGRAMS	93.273			\$68,295		\$366	
ALCOHOL RESEARCH PROGRAMS	93.273			\$542,373		\$124,611	
ALCOHOL RESEARCH PROGRAMS	93.273			(\$259)		(04.017)	
ALCOHOL RESEARCH PROGRAMS	93.273			(\$1,217)		(\$1,217)	
ALCOHOL RESEARCH PROGRAMS	93.273 93.273			\$3,997,886 \$4,313,395		\$3,565,041 \$3,223,822	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273	BROWN UNIVERSITY	00000901	\$4,313,395	\$3,605	φ3,∠∠3,0∠Z	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273	SIMMERSION	R44AA023719		\$3,805		
ALCOHOL RESEARCH PROGRAMS	93.273	BROWN UNIVERSITY	00000995		\$22,350		
ALCOHOL RESEARCH PROGRAMS	93.273	BROWN UNIVERSITY	00001112		\$57.055		
	10.210	PACIFIC INSTITUTE FOR RESEARCH			401,000		
ALCOHOL RESEARCH PROGRAMS	93.273	AND EVALUATION	0743		\$139,165		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name CURATORS OF THE UNIVERSITY OF	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
ALCOHOL RESEARCH PROGRAMS	93.273	MISSOURI	C000442361-1		\$0		
ALCOHOL RESEARCH PROGRAMS	93.273	PENNSYLVANIA STATE UNIVERSITY	NYRFAA024990		\$66,228		
ALCOHOL RESEARCH PROGRAMS	93.273	RTI INTERNATIONAL	1340021446452988L		\$35,142		
ALCOHOL RESEARCH PROGRAMS	93.273	SYRACUSE UNIVERSITY	2839704395S02		\$18,763		
ALCOHOL RESEARCH PROGRAMS	93.273		2000704000002	\$183,598	φ10,700		
ALCOHOL RESEARCH PROGRAMS	93.273			\$341,125			
ALCOHOL RESEARCH PROGRAMS	93.273			\$42,851			
ALCOHOL RESEARCH PROGRAMS	93.273			\$23,678			A (A) (B) A (A)
ALCOHOL RESEARCH PROGRAMS	93.273			\$132,243			\$16,445,003
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$16,839			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$89,587			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$5,229			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$273,982			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$538,667		\$18,979	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$404,384			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$686,402		\$10,900	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$259,932		\$23,107	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$259,901		+,	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$355,522		\$42,152	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$86,992		ψ 1 2,152	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$186,917			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$297,946		* 00.407	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$201,897		\$22,407	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$78,246			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$63,838			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$36,911			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$321,418			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$643			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$315,437			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$75,484			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$792,632		\$81,685	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$101,570		\$01,000	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$49,849			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$207,355			
	93.279						
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS				\$106,176			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$193,354		• ••••••	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$190,521		\$11,401	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$120,785			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$41,929			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF WASHINGTON	UWSC8834		\$117,653		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	YALE UNIVERSITY	M17A12525A10803		\$39,754		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	COLORADO STATE UNIVERSITY	G849911		\$423,688		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	EMORY UNIVERSITY	T886570		\$22,841		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	NEW YORK UNIVERSITY	iB00041344 Subaward F862101		\$63,805		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	FORDHAM UNIVERSITY	FORD0025		\$5,494		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	JACKSON LABORATORY	208307-0-SERV		\$269,536		
BROCK ADDDE AND ADDIONON REDEARCONT ROOMAND	30.213		200007 0 021(1		φ200,000		
		BOARD OF TRUSTEES OF THE LELAND					
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	STANFORD JUNIOR UNIVERSITY	61608838-124841		\$10,318		
DRUG ADOSE AND ADDICTION RESEARCHT ROOKANG	33.213	REGENTS OF THE UNIVERSITY OF	01000000-124041		\$10,510		
	00.070		4400 0 1/0070		ALE 4 000		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	CALIFORNIA LOS ANGELES	1490 G VB272		\$154,030		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	JACKSON LABORATORY	210242-0-SERV		\$30,871		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF ALABAMA	UA15042		\$84,519		
		UNIVERSITY OF CALIFORNIA AT SAN					
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	DIEGO	72448663		\$409,917		
		NEW YORK UNIVERSITY SCHOOL OF					
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	MEDICINE	4DP1DA036478-04		\$12,903		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RTI INTERNATIONAL	1340021529752559L		\$30,061		
		UNIVERSITY OF NORTH CAROLINA AT					
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	CHAPEL HILL	5108329		\$31,618		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ALA SCIENTIFIC INSTRUMENTS INC	1R44DA043277-01		\$63,816		
	50.275	UNIVERSITY OF TEXAS HEALTH			400,010		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	SCIENCE CENTER	0011756A		(\$1)		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	YALE UNIVERSITY	M16A12338 (CON80000449)		\$104,504		
		TALE UNIVERSITY	WI 10A 12000 (CUN00000448)	P00 440	φ104,304		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$29,440			R0 440 555
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$148,445			\$8,413,557

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
MENTAL HEALTH RESEARCH CAREER/SCIENTIST DEVELOPMENT AWARDS DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.281 93.283			(\$1,692) \$66,045		\$997	(\$1,692) \$66,045
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283			\$32,273			
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS	93.283	CERNER CORPORATION	200201563931		\$105,142		
AND TECHNICAL ASSISTANCE CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS	93.283	HEALTH RESEARCH INC	477904		\$22,438	\$8,699	
AND TECHNICAL ASSISTANCE DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.283	UNIVERSITY OF SOUTH CAROLINA	173170PO2000029193		\$64,100		\$223,953
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286 93.286			\$98,215 \$2,427			
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$2,427			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$157,774			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$349,460			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$32,976			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$263,169		\$24,813	
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$56,964			
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$335,394		\$35,082	
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$147,325			
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$129,386		\$5,157	
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286 93.286			\$435,949 \$72,536		\$82,321 \$12,170	
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$8,650		ψ12,170	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$9,944			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$106,645			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$156,016			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			\$68,386			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$52,281			
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$49,719		\$9,138	
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$684,064		\$235,271	
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$400,563		\$198,700	
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286			\$44,417		\$37,000	
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286	HEALTH RESEARCH INC	1507980304 P0040584		\$50,546 \$193		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	KITWARE INCORPORATED	K00139600S01		\$193		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	17A00000786201		\$34,489		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS							
TO IMPROVE HUMAN HEALTH	93.286	BRIGHAM AND WOMENS HOSPITAL	114169/109443		\$20,810		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1(GG014205) PO# G12662		\$18,347		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS							
TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS	93.286	CORNELL UNIVERSITY	7577710738		\$16,016		
TO IMPROVE HUMAN HEALTH	93.286	HEALTH RESEARCH INC	57151001		\$9,865		\$3,864,033
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			\$77,291	+-,	\$10,016	******
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			\$2,000,000			
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			\$4,263			
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			\$25,591			
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			\$2,000,000			
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307	FLORIDA INTERNATIONAL UNIVERSITY NORTHERN ILLINOIS UNIVERSITY	80000209406 G1A62575-A		\$2,793 (\$4,963)		
		BOARD OF TRUSTEES OF THE					
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	UNIVERSITY OF ILLINOIS	16168		\$6,579		
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	DUKE UNIVERSITY MEMORIAL SLOAN KETTERING CANCER	2035370/1R01MD010354-01		\$35,362		
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	CENTER	BD521191 PO:BD521191A		\$61,668		\$4,208,584
TRANS-NIH RESEARCH SUPPORT	93.310			\$13			
TRANS-NIH RESEARCH SUPPORT	93.310			\$902,775		\$466,003	
TRANS-NIH RESEARCH SUPPORT	93.310			\$180,107		* ***	
TRANS-NIH RESEARCH SUPPORT	93.310			\$163,458		\$20,010	
TRANS-NIH RESEARCH SUPPORT	93.310	MEDICAL UNIVERSITY OF SOUTH		\$63,801		\$33,603	
TRANS-NIH RESEARCH SUPPORT	93.310	CAROLINA	MUSC160858C267		¢00 171		
TRANS-INIT RESEARCH SUPPORT	93.310 93.310	NEW YORK UNIVERSITY	F039901 PO IB00138304		\$28,171 \$52,048		
		ALBERT EINSTEIN COLLEGE OF					
TRANS-NIH RESEARCH SUPPORT	93.310	MEDICINE ALBERT EINSTEIN COLLEGE OF	311117 PO 637121		\$4,648		
TRANS-NIH RESEARCH SUPPORT	93.310	MEDICINE	311196 PO 638150		\$38,753		\$1,433,774
CHILD DEVELOPMENT AND	93.312			(\$352)			
	93.312			(\$2,410)			
'CHILD DEVELOPMENT AND 'CHILD DEVELOPMENT AND	93.312 93.312			\$693,119 \$249,587			\$939.944
PROTECTING AND IMPROVING HEALTH GLOBALLY: STRENGTHENING	93.312			\$249,367			\$939,944
PUBLIC HEALTH THROUGH SURVEILLANCE	93.326	KITWARE INCORPORATED	K00215500S01		\$48,966		\$48,966
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.320	KITWARE INCORFORATED	K00215500301	\$3,841,758	\$40,900	\$105,494	φ 4 0,900
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350			\$431.268		\$105,454	\$4,273,026
RESEARCH INFRASTRUCTURE PROGRAMS	93.351			\$72,044			ψ4,270,020
RESEARCH INFRASTRUCTURE PROGRAMS	93.351			\$272,215		\$107,150	
RESEARCH INFRASTRUCTURE PROGRAMS	93.351			\$199,573			
RESEARCH INFRASTRUCTURE PROGRAMS	93.351			\$202,000			
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	ANGIOGRAFT LLC	N/A		\$40,512		
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	OREGON STATE UNIVERSITY	P0362AA		\$14,645		
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	OREGON STATE UNIVERSITY	P0441A-A		\$14,426		\$815,415
'NURSE EDUCATION 'BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY	93.359			\$305,578			\$305,578
(BARDA)	93.360	ARTERIOCYTE INCORPORATED	20131016v1		(\$67,075)		(\$67,075)
NURSING RESEARCH	93.361			\$322,904			
NURSING RESEARCH	93.361	UNIVERSITY OF ROCHESTER UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	416554G		\$39,471		
NURSING RESEARCH	93.361	INCORPORATED	ZAD00070		\$16,973		
NURSING RESEARCH	93.361	UNIVERSITY OF ROCHESTER	417065G/UR FAOGR510645		\$12,400		
NURSING RESEARCH	93.361			\$19,720			\$411,468
CANCER CAUSE AND PREVENTION RESEARCH	93.393			\$326,284			
CANCER CAUSE AND PREVENTION RESEARCH	93.393			\$229,894		\$160,595	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			\$400,931		\$132,715	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			\$727,358		\$104,923	
CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393			\$99,193 \$113,022			
				\$11.5.022			
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393			\$270,205		\$91,382	

	CFDA	Beer thereast Forthe Ma	Providence in the second	Direct	Pass- through	Passed- through	expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
ANCER CAUSE AND PREVENTION RESEARCH	93.393			\$343,945			
ANCER CAUSE AND PREVENTION RESEARCH	93.393			\$60,687		* =0.000	
ANCER CAUSE AND PREVENTION RESEARCH	93.393			\$285,047		\$78,000	
ANCER CAUSE AND PREVENTION RESEARCH	93.393			\$31,909			
ANCER CAUSE AND PREVENTION RESEARCH	93.393			\$112,952			
ANCER CAUSE AND PREVENTION RESEARCH	93.393			\$56,576			
ANCER CAUSE AND PREVENTION RESEARCH	93.393		11501	\$19,326	¢00.000		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	HEALTH RESEARCH INC KAISER FOUNDATION RESEARCH	11501		\$26,239		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	INSTITUTE	1159289UB		\$11,262		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	HEALTH RESEARCH INC	22201		\$46,709		
		BOARD OF TRUSTEES OF THE					
ANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF ALABAMA BIRMINGHAM	000511565002		\$15,267		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	HEALTH RESEARCH INC VIRGINIA POLYTECHNIC INSTITUTE	7504		\$14,254		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	AND STATE UNIV	45911719B88		\$14,769		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	HEALTH RESEARCH INC	26801		\$80,043		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	HEALTH RESEARCH INC	292-01		\$18,952		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	BAYLOR COLLEGE OF MEDICINE	102057318 PO 5601152348		\$58,576		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	RIVERSIDE RESEARCH INSTITUTE	NONYOG01275P01332801		\$35,730		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	COLD SPRING HARBOR LABORATORY	55070421 920945 SV		\$1,595		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF SOUTH FLORIDA	1229-1087-00C		\$2,594		
ANCER CAUSE AND PREVENTION RESEARCH	93,393	RUTGERS UNIVERSITY	6019/PO#S2406708		\$42,678		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF NEW MEXICO	3RCQ4		\$7,435		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	RIVERSIDE RESEARCH INSTITUTE BOARD OF REGENTS OF THE	PO#00032 NYOG01275P.013328.01		\$63,803		
ANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF WISCONSIN SYSTEM	786K984/PTE #0000918871		\$16,890		\$3,542,206
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$9,623	•••,•••		+=,= -=,===
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$253,616		\$79,828	
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$150,175		\$2,267	
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$547,439		\$116,286	
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$18,970			
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$249,080		\$105,429	
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$384,364			
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$569,453		\$176,546	
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$574,238		\$83,454	
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			\$18,599			
ANCER DETECTION AND DIAGNOSIS RESEARCH	93,394	CHILDRENS HOSPITAL OF BOSTON	GENFD0001239834		\$85,294		
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	CHILDRENS HOSPITAL OF BOSTON	GENFD0001429270		\$1,832		
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	CASE WESTERN RESERVE UNIVERSITY	RES511173		\$38,683		
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	CASE WESTERN RESERVE UNIVERSITY	RES511505		\$2,315		
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	CASE WESTERN RESERVE UNIVERSITY	DES510424		\$16,438		
ANCER DETECTION AND DIAGNOSIS RESEARCH ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	AMERICAN COLLEGE OF RADIOLOGY	RES512434 1329		\$16,438 \$890		
	02.20.1	REGENTS OF THE UNIVERSITY OF	D002077804		\$0.070		
ANCER DETECTION AND DIAGNOSIS RESEARCH ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	MINNESOTA VITATEX INC	P003977801 HHSN261201500011C		\$9,070 \$98,450		
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	COLD SPRING HARBOR LABORATORY REGENTS OF THE UNIVERSITY OF	55070517		\$84,546		
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	MINNESOTA	P006155601		\$195,794		
ANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	UNIVERSITY OF ARKANSAS	51599 PO # G180120696		\$491,204		\$3,800,073
EPARTMENT OF HEALTH AND HUMAN SERVICES	93.395	BRIGHAM AND WOMENS HOSPITAL CHILDREN'S HOSPITAL OF	CALGB ID 323 Site NY141		\$1,516		
EPARTMENT OF HEALTH AND HUMAN SERVICES	93.395	PHILADELPHIA	N/A		\$2,251		\$3,767
ANCER TREATMENT RESEARCH	93.395			(\$1,368)	<i> </i>		\$5,101
ANCER TREATMENT RESEARCH	93.395			\$421,598		\$42,080	
ANCER TREATMENT RESEARCH	93.395			\$338,201		\$5,370	
	93.395			\$137,814		40,010	
ANCER IREATMENT RESEARCH							
ANCER TREATMENT RESEARCH	93 395			\$213			
ANCER TREATMENT RESEARCH	93.395 93.395			\$213 \$1,284			
	93.395 93.395 93.395			\$213 \$1,284 \$370,540			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
CANCER TREATMENT RESEARCH	93.395			\$14,940			
CANCER TREATMENT RESEARCH	93.395			\$164,441			
CANCER TREATMENT RESEARCH	93.395			\$315,821			
CANCER TREATMENT RESEARCH	93.395			\$277,933			
CANCER TREATMENT RESEARCH	93.395			\$964,834			
CANCER TREATMENT RESEARCH	93.395			\$347,646			
CANCER TREATMENT RESEARCH	93.395		N14	(\$77)	611.050		
CANCER TREATMENT RESEARCH	93.395	FOR ROBIN INCORPORATED CHILDREN'S HOSPITAL OF	NA		\$11,858		
CANCER TREATMENT RESEARCH	93.395	PHILADELPHIA	9500080217XX		\$45,000		
CANCER TREATMENT RESEARCH	93.395	HEALTH RESEARCH INC	24901		\$3,474		
CANCER TREATMENT RESEARCH	93.395	PHOTOLITEC LLC	N/A		\$37,030		
CANCER TREATMENT RESEARCH	93.395	GYNECOLOGIC ONCOLOGY GROUP	27469070		\$3,224		
CANCER TREATMENT RESEARCH	93.395	JOHN WAYNE CANCER INSTITUTE	70659-SER CA029605		\$484		
CANCER TREATMENT RESEARCH	93.395	EMORY UNIVERSITY UNIVERSITY OF TEXAS MD ANDERSON	T908116		\$157,533		
CANCER TREATMENT RESEARCH	93.395	CANCER CENTER UNIVERSITY OF KENTUCKY RESEARCH	/PO#3000932567		\$14,865		
CANCER TREATMENT RESEARCH	93.395	FOUNDATION	3200000551-16-241		\$80,465		
CANCER TREATMENT RESEARCH	93.395	AMERICAN COLLEGE OF SURGEONS ONCOLOGY GROUP	309		(\$4,216)		
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	U10CA180886		\$33,250		
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	U10CA180886		(\$5,554)		
CANCER TREATMENT RESEARCH	93.395	RUTGERS UNIVERSITY	8269		\$97,432		\$3,833,428
CANCER BIOLOGY RESEARCH	93.396			\$171.152			
CANCER BIOLOGY RESEARCH	93.396			\$2,177			
CANCER BIOLOGY RESEARCH	93.396			\$135,628			
CANCER BIOLOGY RESEARCH	93.396			\$357,932			
CANCER BIOLOGY RESEARCH	93.396			\$357,552			
CANCER BIOLOGY RESEARCH	93.396			\$111,102			
CANCER BIOLOGY RESEARCH	93.396			\$177,361			
CANCER BIOLOGY RESEARCH	93.396			\$293,299			
CANCER BIOLOGY RESEARCH	93.396			\$50,797			
CANCER BIOLOGY RESEARCH	93.396			\$275,431			
CANCER BIOLOGY RESEARCH	93.396			\$561,035			
CANCER BIOLOGY RESEARCH	93.396			\$69,012			
CANCER BIOLOGY RESEARCH	93.396			\$628,021			
CANCER BIOLOGY RESEARCH	93.396			\$255,993			
CANCER BIOLOGY RESEARCH	93.396			(\$230)			
CANCER BIOLOGY RESEARCH	93.396			\$338,694			
CANCER BIOLOGY RESEARCH	93.396			\$11,426			
CANCER BIOLOGY RESEARCH	93.396			\$34,547		\$17,924	
CANCER BIOLOGY RESEARCH	93.396			\$250,957		ψ17,524	
CANCER BIOLOGY RESEARCH	93.396			\$301,095		\$13,475	
O/MOER BIOLOGY REDEARCH	55.555	ALBERT EINSTEIN COLLEGE OF		4001,000		φ10,410	
CANCER BIOLOGY RESEARCH	93.396	MEDICINE RENSSELAER POLYTECHNIC	310245		\$127,251		
CANCER BIOLOGY RESEARCH	93.396	INSTITUTE	210978		\$126,632		
CANCER BIOLOGY RESEARCH	93.396	UNIVERSITY OF SOUTH ALABAMA	16035601		\$126,632		
CANCER BIOLOGY RESEARCH	93.396	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	06763500001		\$37,569		
CANCER BIOLOGY RESEARCH	93.396	HEALTH RESEARCH INC	28701		\$12,109		
CANCER BIOLOGY RESEARCH		WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY					
	93.396	WEILL MEDICAL COLLEGE OF CORNELL	17020160		\$61,305		• • • • • • • • •
CANCER BIOLOGY RESEARCH	93.396	UNIVERSITY	170527		\$60,264		\$4,452,308
CANCER CENTERS SUPPORT GRANTS	93.397			\$125,445			
CANCER CENTERS SUPPORT GRANTS	93.397			\$265,203			
CANCER CENTERS SUPPORT GRANTS	93.397	HEALTH RESEARCH INC	13701		\$12,970		
CANCER CENTERS SUPPORT GRANTS	93.397	UNIVERSITY OF PITTSBURGH	901121612544301		\$1,254		
CANCER CENTERS SUPPORT GRANTS	93.397	HEALTH RESEARCH INC	28501		\$2,736		\$407,608
CANCER RESEARCH MANPOWER	93.398			\$43,842		\$2,157	
CANCER RESEARCH MANPOWER	93.398			\$103,388			
CANCER RESEARCH MANPOWER	93.398			\$215,978			
CANCER RESEARCH MANPOWER	93.398			\$133,854			
	00.000			\$100,00 <i>1</i>			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal granto
ANCER RESEARCH MANPOWER	93.398		- dee un eugit humber	\$45,204	- CAPOII and a CO		iouorai granto
ANCER RESEARCH MANPOWER	93.398			\$5,264			
ANCER RESEARCH MANPOWER	93.398			\$35,170			
ANCER RESEARCH MANPOWER	93.398			\$66,190			
ANCER RESEARCH MANPOWER	93.398			\$6,632			
ANCER RESEARCH MANPOWER	93.398			\$51,344			
ANCER RESEARCH MANPOWER	93.398			\$25,566			
ANCER RESEARCH MANPOWER ANCER RESEARCH MANPOWER	93.398			\$39,435			
ANCER RESEARCH MANPOWER	93.398 93.398			\$32,958 \$27,051			
ANCER RESEARCH MANPOWER	93.398			\$15,462			
ANCER RESEARCH MANPOWER	93.398			\$36,870			
ANCER RESEARCH MANPOWER	93.398			\$23,513			
ANCER RESEARCH MANPOWER	93.398			\$29,115			
ANCER RESEARCH MANPOWER	93.398			\$3,388			
ANCER RESEARCH MANPOWER	93.398			\$13,999	.		\$954,22
	93.399	AMERICAN COLLEGE OF RADIOLOGY	NA	6044.070	\$1,412	* 00.000	\$1,41
CL NATIONAL INSTITUTE ON DISABILITY	93.433 93.433			\$244,270 \$291,615		\$36,002 \$55,152	
CL NATIONAL INSTITUTE ON DISABILITY	93.433			\$291,615 \$192,757		\$126,492	
CL NATIONAL INSTITUTE ON DISABILITY	93.433			\$635.454		\$19,997	
ICL NATIONAL INSTITUTE ON DISABILITY	93.433			\$518,827		\$45,026	
CL NATIONAL INSTITUTE ON DISABILITY	93.433			\$71,613		•	
CL NATIONAL INSTITUTE ON DISABILITY	93.433			\$105,804			
CL NATIONAL INSTITUTE ON DISABILITY	93.433			\$174,638			
CL NATIONAL INSTITUTE ON DISABILITY	93.433	GEORGIA INSTITUTE OF TECHNOLOGY	RF542G1		\$14,639		
ICL NATIONAL INSTITUTE ON DISABILITY	93.433	CARNEGIE MELLON UNIVERSITY	1090475370588		\$131,895	\$9,004	
CL NATIONAL INSTITUTE ON DISABILITY	93.433	CARNEGIE MELLON UNIVERSITY	1090519370588		\$127,572		
CL NATIONAL INSTITUTE ON DISABILITY	93.433	TOUCH GRAPHICS INCORPORATED NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH	17115		\$17,012		\$2,526,0
CL ASSISTIVE TECHNOLOGY	93.464	SPECIAL NEEDS	JUS01C10007GG1420000 TR7GG		\$7,786		\$7,78
FFORDABLE CARE ACT (ACA) GRANTS TO STATES FOR HEALTH					0.00 0.00		6 =0 =
SURANCE PREMIUM REVIEW	93.511	HEALTH RESEARCH INC NYS OFFICE OF CHILDREN AND FAMILY SERVICES	15075001		\$72,549		\$72,54
	93.590	NYS OFFICE OF CHILDREN AND FAMILY	C005256		\$448,699		
	93.590	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005257		\$40,788		
	93.590	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005357		\$55,523		64 407 0
OMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS SSISTANCE FOR TORTURE VICTIMS	93.590 93.604	SERVICES JEWISH FAMILY SERVICES	C005356		\$922,611		\$1,467,62
EVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.604	NYS DEVELOPMENTAL DISABILITIES	NA		\$27,834		\$27,83
	93.630	PLANNING COUNCIL	C024308		\$28,318		\$28,3
OCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647			\$27,970			
OCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647			\$81,202			\$109,1
HILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648			\$111,901		\$103,001	\$111,9
RANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.701			(\$345)			
	00 704	CHILDREN'S HOSPITAL OF	N1/A		614.050		
RANS-NIH RECOVERY ACT RESEARCH SUPPORT ECOVERY ACT A?? COMPARATIVE EFFECTIVENESS RESEARCH - AHRQ	93.701 93.715	PHILADELPHIA AMERICAN COLLEGE OF RADIOLOGY	N/A ACRIN4701		\$14,356 (\$886)		\$14,0 (\$8
ECOVERTACT AT COMPARATIVE EFFECTIVENESS RESEARCH - ARRO	93.779	HEALTH RESEARCH INC	N/A		(\$666) \$17,506		(هم) \$17,5
ARDIOVASCULAR DISEASES RESEARCH	93.837	HEALTHRESEARCHING	17/2	\$61,414	ψ17,500		ψ17,0
ARDIOVASCULAR DISEASES RESEARCH	93.837			(\$68)			
ARDIOVASCULAR DISEASES RESEARCH	93.837			\$211,953			
ARDIOVASCULAR DISEASES RESEARCH	93.837			\$325,707			
ARDIOVASCULAR DISEASES RESEARCH	93.837			\$26,230			
ARDIOVASCULAR DISEASES RESEARCH	93.837			\$411,253			
ARDIOVASCULAR DISEASES RESEARCH	93.837			\$1,932,236		\$1,339,570	
ARDIOVASCULAR DISEASES RESEARCH	93.837			\$74,294			
ARDIOVASCULAR DISEASES RESEARCH	93.837 93.837			\$144,660 \$180,503			
ARDIOVASCULAR DISEASES RESEARCH ARDIOVASCULAR DISEASES RESEARCH	93.837			\$134,246			

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
CARDIOVASCULAR DISEASES RESEARCH	93.837	·		\$428,879			
CARDIOVASCULAR DISEASES RESEARCH	93.837			(\$7,721)			
CARDIOVASCULAR DISEASES RESEARCH	93.837			(\$2,614)			
CARDIOVASCULAR DISEASES RESEARCH	93.837			\$513,088			
CARDIOVASCULAR DISEASES RESEARCH	93.837			\$795,649			
CARDIOVASCULAR DISEASES RESEARCH	93.837			\$17,150			
CARDIOVASCULAR DISEASES RESEARCH	93.837			(\$492)			
CARDIOVASCULAR DISEASES RESEARCH	93.837			(\$1,275)			
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837			\$32,604 \$245,078			
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF IOWA	1001781974	\$245,078	\$7,174		
		UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT					
CARDIOVASCULAR DISEASES RESEARCH	93.837	DALLAS MEMORIAL HOSPITAL OF RHODE	GMO161105 PO RGC000000733		\$341,922		
CARDIOVASCULAR DISEASES RESEARCH	93.837	ISLAND	5001191		\$25,107		
CARDIOVASCULAR DISEASES RESEARCH	93.837	ANGIOGRAFT LLC	NA		\$15,679		
CARDIOVASCULAR DISEASES RESEARCH	93.837	CYTOCYBERNETICS MEMORIAL HOSPITAL OF RHODE	N/A		\$145,408		
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	ISLAND COLUMBIA UNIVERSITY	5001191 R01HL077612		\$4,122 \$40,077		
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF ROCHESTER	415494G001		\$40,077 \$1,213		
CANDIOVAGODEAN DISEAGES REGEARCIT	33.037	NEW YORK UNIVERSITY SCHOOL OF	4134340001		φ1,213		
CARDIOVASCULAR DISEASES RESEARCH	93.837	MEDICINE	U01HL105907		\$3,900		
CARDIOVASCULAR DISEASES RESEARCH	93.837	YALE UNIVERSITY	1R01HL11529501		\$59,800		
CARDIOVASCULAR DISEASES RESEARCH	93.837	COLUMBIA UNIVERSITY	1GG00659015		(\$900)		
CARDIOVASCULAR DISEASES RESEARCH	93.837	WASHINGTON UNIVERSITY ST LOUIS POLYNOVA CARDIOVASCULAR	WU1640 PO#2928298A		\$194,594		
CARDIOVASCULAR DISEASES RESEARCH	93.837	INCORPORATED	1R41HL134418		\$45,135		
	93.837	DUKE UNIVERSITY TRUSTEES OF THE UNIVERSITY OF	203-8359		\$30,829		
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	PENNSYLVANIA ALBERT EINSTEIN COLLEGE OF MEDICINE	570944/PO# 3832931 310229 P0609207		\$58,146 \$163,716		
CARDIOVASCULAR DISEASES RESEARCH	93.837	ALBERT EINSTEIN COLLEGE OF MEDICINE	311297 PO655079		\$103,710		
CARDIOVASCULAR DISEASES RESEARCH	93.837	NEW ENGLAND RESEARCH INSTITUTE	N/A		\$3,344		
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF ROCHESTER	416825		\$359,332		
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF ARIZONA	326436		\$830		
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	FLORIDA ATLANTIC UNIVERSITY	TRK77	\$27,745	\$9,033		
CARDIOVASCULAR DISEASES RESEARCH	93.837			\$26,644			
CARDIOVASCULAR DISEASES RESEARCH	93.837			(\$1,102)			
CARDIOVASCULAR DISEASES RESEARCH	93.837			\$337,076			\$7.554.056
LUNG DISEASES RESEARCH	93.838			\$289,425			\$1,001,000
LUNG DISEASES RESEARCH	93.838			\$346,455			
LUNG DISEASES RESEARCH	93.838	CHILDRENS HOSPITAL OF BOSTON REGENTS OF THE UNIVERSITY OF	74159		\$5,875		
LUNG DISEASES RESEARCH	93.838	CALIFORNIA	7625sc		\$196		
LUNG DISEASES RESEARCH	93.838	COPD FOUNDATION INCORPORATED	001	.	\$31		.
LUNG DISEASES RESEARCH	93.838			\$49,629		A = 00-	\$691,611
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			\$47,175		\$5,699	
BLOOD DISEASES AND RESOURCES RESEARCH	93.839 93.839			\$25,547 \$458,048			
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839			\$848,441			
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839			\$106,631			
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			\$212,836			
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			\$461,284		\$72,468	
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			\$244,039		. ,	
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			\$60,647			
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			\$66,551			
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	BRIGHAM AND WOMENS HOSPITAL	114147		\$66,950		
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839	UNIVERSITY OF IOWA BLOOD CELL TECHNOLOGIES	W000848164		\$6,420		
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839 93.839	INVENUX LLC	1R43HL12954501 1R43HL13758901		\$424 \$127,023	\$62,227	\$2,732,016

RANSLATION AND IMPLEMENTATION SCIENCE RESEARCH FOR HEART 93.840 RTHRITIS 93.846 RTHRITIS 93.846 <			\$85,597 \$66,661 \$86,201 \$272,923 \$56,234 \$111,896 \$307,467 \$166,217 \$565		\$7,464	\$85,597
RTHRITIS 93.846			\$86,201 \$272,923 \$56,234 \$111,896 \$307,467 \$166,217		\$7,464	
RTHRITIS 93.846 RTHRITIS			\$272,923 \$56,234 \$111,896 \$307,467 \$166,217		\$7,464	
RTHRITIS 93.846			\$56,234 \$111,896 \$307,467 \$166,217		\$7,464	
RTHRITIS 93.846			\$111,896 \$307,467 \$166,217			
RTHRITIS 93.846			\$307,467 \$166,217			
RTHRITIS 93.846			\$166,217			
RTHRITIS 93.846					¢14.050	
RTHRITIS 93.846			0000		\$14,852	
RTHRITIS 93.846			\$156			
RTHRITIS 93.846 RTHRITIS 93.846 RTHRITIS 93.846 RTHRITIS 93.846 RTHRITIS 93.846			\$364,302			
RTHRITIS 93.846 RTHRITIS 93.846 THRITIS 93.846 VITHRITIS 93.846			\$291,299		\$88,728	
RTHRITIS 93.846 RTHRITIS 93.846			\$236,334		<i>400,120</i>	
			\$41,371		\$22,540	
03 846			\$89,521		\$2,872	
35.040			\$323,225			
RTHRITIS 93.846			\$295,078			
RTHRITIS 93.846	CHILDRENS RESEARCH INSTITUTE	30004210-01		\$19,699		
RTHRITIS 93.846	BRIGHAM AND WOMENS HOSPITAL	117004		\$51,907		
RTHRITIS 93.846			\$2,328			
RTHRITIS 93.846			\$44,849			\$2,828,233
PARTMENT OF HEALTH AND HUMAN SERVICES 93.847	UNIVERSITY OF SOUTH FLORIDA	1U01DK61055	····	\$1,312		\$1,312
ABETES 93.847			\$160,179		\$33,929	
ABETES 93.847			\$43,751		\$43,751	
ABETES 93.847 ABETES 93.847			\$415,409 \$192,610			
ABETES 93.847 ABETES 93.847			\$192,610			
ABETES 93.847			\$356,983			
ABETES 93.847			\$104,746			
ABETES 93.847			\$146,645			
ABETES 93.847			\$55,787			
ABETES 93.847			\$88,285			
ABETES 93.847			\$22,582			
ABETES 93.847			\$195,083			
ABETES 93.847			\$573,334			
ABETES 93.847			\$74,171			
ABETES 93.847			\$372,176			
ABETES 93.847			\$328,029			
ABETES 93.847			(\$1,701)			
ABETES 93.847			(\$50)			
ABETES 93.847 ABETES 93.847			(\$890) \$89,085			
ABETES 93.847 IABETES 93.847			\$89,085 \$337,917			
ABETES 93.847 ABETES 93.847			\$472,205		\$35,804	
ABETES 93.847			\$633,680		\$129,615	
ABETES 93.847			\$308,878		ψ123,013	
ABETES 93.847			\$168,945		\$26,615	
	PRESIDENT AND FELLOWS OF		• • • • • • •		+	
ABETES 93.847	HARVARD COLLEGE	1111845093435		\$36,070		
	NEW YORK UNIVERSITY SCHOOL OF					
ABETES 93.847	MEDICINE	14A00000248901		\$6,598		
	NEW YORK UNIVERSITY SCHOOL OF					
ABETES 93.847	MEDICINE	14A00000248901		\$31,418		
	RENSSELAER POLYTECHNIC					
ABETES 93.847	INSTITUTE	A180024S001		\$5,537		
	REGENTS OF THE UNIVERSITY OF					
ABETES 93.847	CALIFORNIA LOS ANGELES	1556GQC024		\$33,839		
	UNIVERSITY OF TEXAS					
	SOUTHWESTERN MEDICAL CENTER AT	454444		\$40 CTC		
ABETES 93.847	DALLAS REGENTS OF THE UNIVERSITY OF	151111		\$16,675		
ABETES 93.847		3003573023		\$11,765		
ABETES 93.847		50046678051		\$10,062		
ABETES 93.847 ABETES 93.847	UNIVERSITY OF FLORIDA SWEDISH HEALTH SERVICES	UFDSP00011363 610038B03		\$82.598 \$16,872		
ABETES 93.847 ABETES 93.847	SWEDISH HEALTH SERVICES SWEDISH HEALTH SERVICES	610038B03 600103 B.04		\$16,872 \$33,607		
ADE 160 93.847	SWEDISH HEALTH SERVICES	000103 B.04		100,000		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
		BOARD OF REGENTS OF THE					
"DIABETES	93.847	UNIVERSITY SYSTEM OF GEORGIA ON BEHALF OF AUGUSTA UNIVERSITY	323075		\$38,528	\$4,341	
"DIABETES	93.847	SALK INSTITUTE FOR BIOLOGICAL STUDIES	P0209012		\$193,580		
"DIABETES	93.847	GEORGE WASHINGTON UNIVERSITY	SGRD1617LL21		\$133,279	\$38,562	
"DIABETES	93.847	GEORGE WASHINGTON UNIVERSITY	SGRD1718MD21		\$626,317	\$00,00L	
		NORTHERN CALIFORNIA INSTITUTE					
"DIABETES	93.847	FOR RESEARCH AND EDUCATION NORTHERN CALIFORNIA INSTITUTE	TIE198003		\$5,827		
"DIABETES	93.847	FOR RESEARCH AND EDUCATION	TIE198003		\$659		
"DIABETES	93.847	JOSLIN DIABETES CENTER	N/A		\$20,720		
"DIABETES	93.847	JOSLIN DIABETES CENTER	N/A		\$10,750		
"DIABETES	93.847	GEORGE WASHINGTON UNIVERSITY	15D11		\$193,667		
"DIABETES	93.847	JOSLIN DIABETES CENTER	1UC4DK10110802		\$50,151		
"DIABETES	93.847			(\$2,535)			
"DIABETES	93.847			\$1,653			
"DIABETES	93.847			\$7,945			\$6,720,096
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$59,891			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$292,305		\$120,000	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$445			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$442,166			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND							
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$469,234			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$17,083			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$290,898			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$30,738			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$53,848			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$14,693			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$412,636		\$16,279	
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$370,837			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$220,812			
NEUROLOGICAL DISORDERS	93.853			\$117,591			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$73,590			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$275,581			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$141,471			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$343,193			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$172,672			
EXTRAMURAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS							
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$308,374			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$131,028			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$180,847			
NEUROLOGICAL DISORDERS	93.853			\$63,903			

					Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	through expenditures	through to Subrecipients	by CFDA and federal grantor
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND		<u>*</u>	X				
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$294,007			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$372,891			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$110,887			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$355,490		\$62,135	
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$644,721			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$26,812			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$6,685			
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$168,907			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$538,962		\$201,555	
NEUROLOGICAL DISORDERS	93.853			\$348,965			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$191,116			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$63,895			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$6,379			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$3,229			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$210,024		\$105,462	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$514,032			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$28,470		\$10,720	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$11,456			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$206,703			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$4,062			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$17,297			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			(\$117)			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$325,155			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$521,035		\$254,249	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND						\$254,249	
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$316,316	·		
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	YALE UNIVERSITY	A07593 (M10A10547)		\$576		
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	EMMES CORPORATION REGENTS OF THE UNIVERSITY OF	NA		\$16.380		
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853		6881sc		\$63		
	93.853	BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA BIRMINGHAM	000377209052		\$1,473		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	THE RECTORS & VISITORS OF THE UNIVERSITY OF VIRGINIA	GC12107149686		\$16.926		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	JOHNS HOPKINS UNIVERSITY	2001948073		\$41,213		
NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL	NN104		\$37,490		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND							
NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL MAYO CLINIC JACKSONVILLE	NN103		\$2,500		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	REGENTS OF THE UNIVERSITY OF	SUN18727601		\$24,246		
NEUROLOGICAL DISORDERS	93.853	MINNESOTA	N004689501		\$12,927		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	RUSH UNIVERSITY MEDICAL CENTER	12121903-Sub01		\$74,847		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	BAYLOR COLLEGE OF MEDICINE	102199134 7000000012		\$23,146		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND		UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT					
NEUROLOGICAL DISORDERS	93.853	DALLAS	GMO 181203		\$97,834		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	00.000	REGENTS OF THE UNIVERSITY OF	0.110 101200		\$01,001		
NEUROLOGICAL DISORDERS	93.853	MICHIGAN	3002348608SHN		\$44,273	\$32,300	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND		REGENTS OF THE UNIVERSITY OF					
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	MICHIGAN REGENTS OF THE UNIVERSITY OF	3002418981PNT		(\$5,850)	(\$5,850)	
NEUROLOGICAL DISORDERS	93.853	MICHIGAN	SUBK00004096ESETT		\$77,187	\$22,500	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND		NEW YORK UNIVERSITY SCHOOL OF			••••	+==,+++	
NEUROLOGICAL DISORDERS	93.853	MEDICINE	1U54NS08176501		\$1,011		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	02 952	MASSACHUSETTS GENERAL HOSPITAL	226206 1110111500025002		¢14 707		
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	REGENTS OF THE UNIVERSITY OF	226396 1U01NS09025903		\$14,707		
NEUROLOGICAL DISORDERS	93.853	MICHIGAN	3004674949PNT		\$24,187	\$13,650	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND							
NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL	U01NS04964006		(\$9)		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL	PSGSite223		\$12,516		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	00.000		1 00000220		\$12,010		
NEUROLOGICAL DISORDERS	93.853			\$28,004			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND							
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853			\$7,743			
NEUROLOGICAL DISORDERS	93.853			\$28,020			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	33.035			\$20,020			
NEUROLOGICAL DISORDERS	93.853			\$1,009			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND							
NEUROLOGICAL DISORDERS	93.853			\$41,053			\$10,394,687
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.855 93.855			(\$232) \$103,965			
DEPARTMENT OF HEALTH AND HOMAN SERVICES	93.855	LEIDOS	VR705	\$103,903	\$169,094		\$272,827
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$89,719			• 7-
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$63,991			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$142,582			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$322,254		\$67,695	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$111,615 \$226,155		\$22,477	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$212,562		\$76,384	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$112		\$10,001	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$3,284			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$124,218			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			(\$607)			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$137,507			
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$110,416 \$777,771		\$529,534	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$27,161		4020,004	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$63,669		\$4,511	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$1,546			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$95,897		\$231.209	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$520,096 \$401,437		\$231,209	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$98,235		\$2,972	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$183,245		<i>\\</i> 2,012	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$245,279			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$361,624			
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$126,238 \$149,108		\$7.276	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$464,403		\$67,671	
				¢,100		÷••,271	

	CFDA				Pass- Passed- through through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number		penditures to Subrecipients	federal grantor
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$319,157	\$14,216	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$72,688 \$301,417	\$176,689	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$520,953	\$176,689 \$15,099	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$321,457	\$15,099	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$217.918		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$59,612		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			(\$3,199)		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$496,907		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$11,577		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$58,056		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$46,301		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$680,069	\$267,589	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$365,505		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$499,450		
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$33,164 \$10,596		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$10,596	\$182,451	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$119,846	φ10 <u>2</u> , 4 01	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$166,636	\$63,657	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$438,910	+,	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$169,744		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$195,098		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$224,629		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$660,347		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$353,054	\$141,190	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$175,282		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$268,862		
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$287,606 \$479,743		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$152,023		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$513,283		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$325,390		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$187,868		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$171,885		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$115,951		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$51,876		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$48,222		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$46,734		
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$54,009 \$9,385		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$9,385 (\$333)		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$532,856		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$2,453,320		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			(\$19)		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$566,208		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$51,050		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$482,202		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$382,366		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$195,802	\$78,453	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$333,023		
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			\$88,780		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$653 \$74,522		
ALLENGT AND INI ECTIOUS DISEASES RESEARCH	33.033	TRUSTEES OF THE UNIVERSITY OF		\$74,522		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	PENNSYLVANIA	567978		\$1,367	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	FAMILY HEALTH INTERNATIONAL	PO15003696		\$87,218	
		ALBERT EINSTEIN COLLEGE OF				
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	MEDICINE	310468		\$3,255	
		ALBERT EINSTEIN COLLEGE OF				
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	MEDICINE	311266		\$10,675	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	558201		\$29,247	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	1407250708		\$44,691	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	557501		\$38,810	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	HEALTH RESEARCH INC HEALTH RESEARCH INC	15076501		\$44,383 \$68,335	
ALLENGT AND INFECTIOUS DISEASES RESEARCH	93.000	HEALTH RESEARCH INC	556801		900,000 9	

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	558301		\$815		y
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	14108101		\$45,382		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	561301		\$41,227		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	15089501		\$4,160		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	ALBERT EINSTEIN COLLEGE OF	15089501		\$4,160		
	00.055		010110		60 057		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	MEDICINE	31614D		\$9,257		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	573501		\$53,457		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	EMORY UNIVERSITY	T886297		\$6,896		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC RENSSELAER POLYTECHNIC	582701		\$2,882		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	INSTITUTE	A12672		\$41,000		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF RHODE ISLAND	071420144509		\$48,671		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	BRIGHAM AND WOMENS HOSPITAL	109925		\$300,858		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	417528		\$64,474		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	BRIGHAM AND WOMENS HOSPITAL	110285		\$160,761		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	BRIGHAM AND WOMENS HOSPITAL	PEA113237		\$25,686		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HAUPTMAN WOODWARD MEDICAL RESEARCH INSTITUTE INC	NIHHTP01Sub1		\$79,302		
		MAGEE-WOMENS RESEARCH					
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	INSTITUTE AND FOUNDATION UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT	4671		(\$11,052)		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	DALLAS ABCOMBI BIOSCIENCES	160504		\$222,778		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	INCORPORATED	R41AI124851		(\$3,222)		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	416922GURFAOGR510520		\$24,160		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	417028G		\$79,749		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	417048GURFAOGR500827		\$7,777		
		MAGEE-WOMENS RESEARCH					
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	INSTITUTE AND FOUNDATION	4681		\$147,512		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	41712G		\$15.908		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	417068GURFAOGR500832		\$10,000		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	417067G/UR FAO GR500833		\$9,796		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER UNIVERSITY OF SOUTHERN	417089GURFAOGR500924		\$4,990		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	CALIFORNIA	94044963		\$20,746		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	DUKE UNIVERSITY BENAROYA RESEARCH INSTITUTE AT	2037741		\$120,446		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	VIRGINIA MASON MAGEE-WOMENS RESEARCH	FY17ITN270		\$33,951		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	INSTITUTE AND FOUNDATION	TBD		\$6,792		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	JOHNS HOPKINS UNIVERSITY	2002110194		\$473,021		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HOCUSLOCUS LLC	1R41AI115834		\$383		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	JOHNS HOPKINS UNIVERSITY	2003024884		\$19,269		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER	00004312/PO#3001030240		\$172.351		
		THERAGNOSTIC TECHNOLOGIES			• ,		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	INCORPORATED CHRONUS PHARMACEUTICALS	1R43AI13195801		\$66,887		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	INCORPORATED ICAHN SCHOOL OF MEDICINE AT	NA		\$32,915		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	MOUNT SINAI ALBERT EINSTEIN COLLEGE OF	0255-4901-4609		\$18,604		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	MEDICINE	310429 PO:P0621038		\$5,042		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF RHODE ISLAND	0000109316		\$15		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	417005GURFAOGR510588		\$61,635		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF RHODE ISLAND	0000126038		\$88,972		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$6,437			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$28,436			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$72,483			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$40,954			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$32,318			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$916			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			\$150,930			\$23,206,162
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$228,407			+,
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$716,313			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$596,967			
	33.005			ψ000,001			

Federal grantor/federal subdivision or pass-through grantor	CFDA	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	r ass through Entity Name		\$160,888	experiances	to oubrecipients	rederal granter
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$168,438			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$180,091			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$29,315			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$29,507			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$404			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$209,051			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$292,417		\$118,024	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$158,390			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$118,069			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			\$44,228 \$61,327			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$23.473			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$4,553			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$20,577			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$232,746			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$264,665		\$13,091	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$268,592		\$39,262	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$532,662		\$289,646	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$292,418			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$597,664			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$176,646			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			\$372,504 \$259,883			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$340,638			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$230,441			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$79,989			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$14,853			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$42,234			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$304,190			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$93,188			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$215,197			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$438,437			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$351,235		\$144,504	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$224,593		* ***	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			\$452,786 \$179.892		\$89,248	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$55,110			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			(\$879)			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			(¢073) \$4			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$10,034			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$399			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$36,578			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$203,107			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$212,789			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$309,015			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$227,255			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			\$150,185 \$231.021		\$62,070	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$404,443		\$62,070	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$289,774			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$338,054			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$353,612			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$11,236			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$135,386		\$49,323	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$21,149			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$691,912			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$11,144			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$482,747			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$206,073			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$421,445			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			\$378,456 \$161,744		\$14,005	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$524,550		φ14,005	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$301,122			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$161,135			
				\$101,100			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	-		\$230,334			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$232,640		\$46,186	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$466,301			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$271,374		\$11,487	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$419,294			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$410,240			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$251,915			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$237,182			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$429,638			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$302,182			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$226,367			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			\$244,403 \$114,991		\$31,769	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$117,439		\$31,709	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$65,385			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$201,813			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$22,543			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$58,718			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$203,179			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$470,011			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			(\$635)			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$6,867			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$470,565			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$184,199			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$229,832		·	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$335,751		\$17,155	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$238,888			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			\$331,650 \$261,922			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$231,254			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$35,259			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$78,673			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$40,763			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$151,007			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	ALBANY MEDICAL COLLEGE	290265SUNYRF		\$34,828		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	SAN DIEGO STATE UNIVERSITY	SA0000498		\$23,099		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	SHASQI INCORPORATED	ExhibitA1		\$91,310		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	HEALTH RESEARCH INC	15041002		\$93,745		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	HEALTH RESEARCH INC	15041102		\$19,572		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	HEALTH RESEARCH INC	556901		\$879		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	HEALTH RESEARCH INC HEALTH RESEARCH INC	560201 579501		\$42,256 \$31,855		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	HOCUSLOCUS LLC	R42GM114935		\$97,626		
	55.555	ICAHN SCHOOL OF MEDICINE AT	1142011114333		ψ07,020		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	MOUNT SINAI	0255-6991-4609		\$36,956		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF GEORGIA	RR549-392/S001476		\$30,000		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF DELAWARE	41228		\$107,789		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF GEORGIA	RR166622S000783		\$203,452		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF NORTH CAROLINA	5102940		\$21,326		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	CH3 BIOSYSTEMS LLC	NA		\$45,841		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	OHIO STATE UNIVERSITY ADVANCED CYTOMETRY	60060541		\$200,698		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	INSTRUMENTATION SYSTEMS	N/A		\$242,546	\$9,154	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	WASHINGTON UNIVERSITY	2917153T WU1271		\$242,540 (\$61)	\$9,134	
DIOMEDICAL RESEARCH AND RESEARCH TRAINING	33.033	MEMORIAL SLOAN KETTERING CANCER	23171331 001271		(401)		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	CENTER	BD516697B		\$109		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	TEXAS A&M AGRILIFE RESEARCH	06S150668		\$70,324		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	BROWN UNIVERSITY	00000943		\$17,875		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF ALABAMA	000507353001		\$39,749		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	TEXAS A&M AGRILIFE RESEARCH	06S170614		\$46,397		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	RES GROUP INC	NA		\$95,777		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	DARTMOUTH COLLEGE	1516		\$61,376		
	02.050	REGENTS OF THE UNIVERSITY OF	2002264020		PO 500		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	MICHIGAN SYRACUSE UNIVERSITY	3003364929 2786704120S01		\$2,562 \$97,653		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	OCCIDENTAL COLLEGE	OXY000001		\$33,270		
	00.000				\$00,270		

Total

	Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	expenditures by CFDA and federal grantor
			PRESIDENT AND FELLOWS OF					¥
BI	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	HARVARD COLLEGE	167905 5080626		\$120,504		
Bl	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$60,996			
BI	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$21,771			
Bl	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$3,737			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$224,156		\$22,425	
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$13,204			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93,859			\$140,959			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$27,312			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$307,829			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$32,505		\$30.377	
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$254,103		\$71,428	
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$6,692		• • •	
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$196,933			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$2,842			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93,859			\$50,054			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$659,790		\$15,704	
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$310,811		• -, -	
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$189.310			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$444,994			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$6,852			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$5,546			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$82,414			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$216,988			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$5,681			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$216,468			
	OMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$16,900			\$28,316,572
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$193,530		\$36,057	\$20,010,012
	ILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$98,524		+,	
	ILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$210,804		\$15,461	
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$3,186		••••	
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$409,995		\$30,658	
	ILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$14,273			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$182,238			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$32,495		\$2,908	
	ILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$71,489		*=,***	
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$534,303			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$411,347			
	ILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$243,487			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$123,594			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$178,481			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$24,594			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$100,608			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93,865			\$50,982			
CH	ILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$20,461			
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$181,886		\$23,125	
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$683,991		\$293,810	
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$451,789		\$180,310	
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$22,906			
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$56,836		\$15,194	
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			(\$1)			
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			\$536,590		\$32,090	
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	NEW YORK BLOOD CENTER	3047913		\$45,928		
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	CHILDRENS RESEARCH INSTITUTE	30003703-01		\$29,205		
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	CHILDRENS RESEARCH INSTITUTE	30003703-01		\$78,002		
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	CHILDRENS RESEARCH INSTITUTE	30003703-02		\$272,937		
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	NEW YORK BLOOD CENTER	3049365		\$29,746		
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF ROCHESTER	415741-G		\$129,004		
			BOARD OF REGENTS OF THE					
			UNIVERSITY OF OKLAHOMA HEALTH					
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	SCIENCES CENTER	RS2013076901		(\$828)		
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF GEORGIA	RR376416S000740		\$19,529		
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	TUFTS UNIVERSITY	HH4040		\$2,192		
	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF ROCHESTER	417053G		\$100,149		
CH	HILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	OKLAHOMA STATE UNIVERSITY	1568197		\$6,298		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name OREGON HEALTH & SCIENCE	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	UNIVERSITY SOUTHERN METHODIST UNIVERSITY MEDICAL UNIVERSITY OF SOUTH	1005923_RSUNY G0015417510		\$230,720 \$9,493		
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH AGING RESEARCH	93.865 93.865 93.865 93.865 93.865 93.865 93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866	CAROLINA UNIVERSITY OF GEORGIA HARVARD UNIVERSITY HARVARD UNIVERSITY FLORIDA STATE UNIVERSITY FLORIDA STATE UNIVERSITY PENNSYLVANIA STATE UNIVERSITY PENNSYLVANIA STATE UNIVERSITY	MUSC16D618B465 1R01HD090156-01A1 RR549-601S0 11420512765096812 R01938 N/A SUNYHD0389992 SUNYHD038992	\$294,136 \$506,553 \$89,927 \$316,590 \$156,820 \$53,716 \$125 \$8,256 \$510,836 \$16,836 \$157,016 \$\$8,703	\$5,077 \$159,377 \$70,123 \$631,032 \$12,291 \$1,323 \$401 \$21,336	\$41,502 \$67,497 \$64,236 \$1,036 \$16,118	\$6,691,723
AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH	93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866	NATIONAL BUREAU OF ECONOMIC		\$58,703 \$383,793 \$873,050 \$20,437 (\$241) \$4,018 \$236,040 \$173,452 \$45,673		\$27,269 \$20,132 \$11,620 \$1,679	
AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH	93.866 93.866 93.866 93.866 93.866	RESEARCH INCORPORATED NATIONAL BUREAU OF ECONOMIC RESEARCH INCORPORATED UNIVERSITY OF MICHIGAN UNIVERSITY OF GORGIA UNIVERSITY OF ALABAMA	334051SUNY 4151B0414SUNY 3004154934 RR376427S001452 UA12061		\$18,885 \$36,238 \$6,296 \$14,895 \$135,018		
AGING RESEARCH	93.866	TRUSTEES OF PRINCETON UNIVERSITY OREGON HEALTH & SCIENCE	SUB0000097		\$23,243	\$11,843	
AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH AGING RESEARCH	93.866 93.866 93.866 93.866 93.866	VALE UNIVERSITY PENNSYLVANIA STATE UNIVERSITY RUSH UNIVERSITY MEDICAL CENTER YALE UNIVERSITY PACIFIC HEALTH RESEARCH AND EDUCATION INSTITUTE OREGON HEALTH & SCIENCE	9008468-SB 5486-SBU-DHHS-2167 5730AG010161-27 GR100662(CON-80000839) 21704-01		\$630 \$31,065 \$29,335 \$1,398 \$164,143		
AGING RESEARCH	93.866	UNIVERSITY TRUSTEES OF COLUMBIA UNIVERSITY	9008468-SB		\$138,963		
AGING RESEARCH	93.866	IN THE CITY OF NEW YORK TRUSTEES OF COLUMBIA UNIVERSITY	3GG01212601		\$48,021		
AGING RESEARCH	93.866	IN THE CITY OF NEW YORK RENSSELAER POLYTECHNIC	3GG01212601		\$162,217		
AGING RESEARCH AGING RESEARCH VISION RESEARCH VISION RESEARCH VISION RESEARCH VISION RESEARCH VISION RESEARCH	93.866 93.866 93.867 93.867 93.867 93.867 93.867	INSTITUTE UNIVERSITY OF CALIFORNIA AT SAN DIEGO	A12193 79787001	\$345,153 \$38,588 \$54,542 \$340,098 \$447,717	(\$3,500) \$219,911		\$5,425,658
VISION RESEARCH VISION RESEARCH VISION RESEARCH	93.867 93.867 93.867			\$4,849 \$231,207 \$111,671			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
ISION RESEARCH	93.867			\$19,505			
ISION RESEARCH	93.867			\$370,566			
ISION RESEARCH	93.867			\$1,895			
ISION RESEARCH	93.867			\$438,682		\$98,335	
ISION RESEARCH	93.867			\$244,711			
ISION RESEARCH ISION RESEARCH	93.867 93.867			\$525,328 \$247,578			
ISION RESEARCH	93.867			\$315,220			
ISION RESEARCH	93.867			\$36,841			
ISION RESEARCH	93.867			\$89,257			
ISION RESEARCH	93.867			\$432,734		\$25,200	
ISION RESEARCH	93.867			\$200.089		+	
ISION RESEARCH	93.867			\$94,421			
ISION RESEARCH	93.867			(\$40)			
ISION RESEARCH	93.867			(\$192)			
ISION RESEARCH	93.867			\$486,440			
ISION RESEARCH	93.867			\$348,055			
ISION RESEARCH	93.867			\$81,849			
ISION RESEARCH	93.867			\$330,587			
ISION RESEARCH	93.867			\$373,821			
ISION RESEARCH	93.867			\$72,401			
ISION RESEARCH	93.867			\$286,478			
ISION RESEARCH ISION RESEARCH	93.867 93.867			\$62,383 \$424,519			
ISION RESEARCH	93.867			\$424,519			
ISION RESEARCH	93.867			\$264,926			
ISION RESEARCH	93.867			\$153,916			
ISION RESEARCH	93.867			\$216.061			
ISION RESEARCH	93.867			\$35,188			
ISION RESEARCH	93.867			\$288,986			
ISION RESEARCH	93.867			\$236,053			
ISION RESEARCH	93.867			\$4,101			
		CHILDREN'S HOSPITAL OF					
ISION RESEARCH	93.867	PHILADELPHIA	3209850815		\$0		
ISION RESEARCH	93.867	WASHINGTON STATE UNIVERSITY	127939G003739		\$9,027		
ISION RESEARCH	93.867	UNIVERSITY OF CHICAGO	FP044673		\$31,047		
ISION RESEARCH	93.867	UNIVERSITY OF ARIZONA	2R01EY00953224		\$36,588		
	00.007	UNIVERSITY OF NORTH CAROLINA AT	5403400		\$407.007		
ISION RESEARCH ISION RESEARCH	93.867		5107166		\$167,287		
ISION RESEARCH	93.867	DUKE UNIVERSITY	2036752		\$3,148		
ISION RESEARCH	93.867	REGENTS OF THE UNIVERSITY OF MINNESOTA JAEB CENTER FOR HEALTH RESEARCH	A003838501 44313		\$16,321		
ISION RESEARCH	93.867	INCORPORATED	U10EY11751		\$3,185		
ISION RESEARCH	93.867	SALUS UNIVERSITY	877032016SUNY		\$588		
ISION RESEARCH	93.867	SALUS UNIVERSITY	877042017SUNY		\$25		
ISION RESEARCH	93.867	0,1200 011121(0111		\$54,600	φ20		
ISION RESEARCH	93.867			\$29,441			
ISION RESEARCH	93.867			\$21,457			\$8,630,376
EDICAL LIBRARY ASSISTANCE	93.879			\$45,441			
EDICAL LIBRARY ASSISTANCE	93.879			\$53,515			
EDICAL LIBRARY ASSISTANCE	93.879			\$50,018			
EDICAL LIBRARY ASSISTANCE	93.879	UNIVERSITY OF ILLINOIS AT CHICAGO	16023		\$36,852		
EDICAL LIBRARY ASSISTANCE	93.879	RUTGERS UNIVERSITY	8297 PO457849		\$14,725		
EDICAL LIBRARY ASSISTANCE	93.879	UNIVERSITY OF PITTSBURGH	0050256 (129197-17)		\$14,846		
EDICAL LIBRARY ASSISTANCE	93.879	TRUSTEES OF INDIANA UNIVERSITY	IN4687289SUNY	* ***	\$3,587		
EDICAL LIBRARY ASSISTANCE	93.879		500.404	\$229,607			\$448,591
ATIONAL BIOTERRORISM HOSPITAL PREPAREDNESS PROGRAM	93.889	HEALTH RESEARCH INC	566401		\$114,970	£44.004	\$114,970
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE	93.898	HEALTH RESEARCH INC	477905		\$267,806	\$14,924	****
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE	93.898	HEALTH RESEARCH INC	569701		\$18,484		\$286,290
YAN WHITE HIV/AIDS DENTAL REIMBURSEMENT AND COMMUNITY BASED							
ENTAL PARTNERSHIP GRANTS	93.924			\$3,303	6 (6		\$3,303
RAUMA CARE SYSTEMS PLANNING AND DEVELOPMENT	93.952	UNIVERSITY OF ROCHESTER	416406	• • • •	\$12,203		\$12,203
ITERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			\$11,685			
ITERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			\$285,833		\$106,033	

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989	Fass-through Entity Name	Fass-through humber	\$222,816	experiatures	to Subrecipients	reueral grantor
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			\$200,348		\$18,988	\$766,714
Total U.S. Department of Health and Human Services:	30.000			\$179,653,793	\$24,925,912	\$21,624,606	\$204,579,705
U.S. Department of Homeland Security:				\$110,000,100	φ£ 1,020,012	\$21,021,000	
RESEARCH PROJECTS	97.002	UNIVERSITY OF MARYLAND	51943Z9020201		\$75,400		\$75,400
	011002	NYS DIVISION OF HOMELAND SECURITY AND EMERGENCY	010102020201		<i>Q10</i> ,100		¢70,100
HAZARD MITIGATION GRANT	97.039	MANAGEMENT SERVICES NYS DIVISION OF HOMELAND SECURITY AND EMERGENCY	c000712 40850009		\$3,325,813		
HAZARD MITIGATION GRANT	97.039	MANAGEMENT SERVICES	40850093		\$6,761		\$3,332,574
PRE-DISASTER MITIGATION	97.047	UNIVERSITY OF IDAHO	IBK718-SB-001 PO#P0047952		(\$3,958)		\$0,002,074
PRE-DISASTER MITIGATION	97.047	UNIVERSITY OF IDAHO	IBK/18-SB-001/P0050620		\$23,638		\$19,680
CENTERS FOR HOMELAND SECURITY	97.047	UNIVERSITY OF MARYLAND	3659Z901212		\$15,725		\$19,000
	97.061				\$160,454		
CENTERS FOR HOMELAND SECURITY CENTERS FOR HOMELAND SECURITY	97.061	ARIZONA STATE UNIVERSITY ARIZONA STATE UNIVERSITY UNIVERSITY OF ILLINOIS URBANA	2017ST061QA0001 18483		\$6,000		
CENTERS FOR HOMELAND SECURITY	97.061	CHAMPAIGN	077083-16370		\$71.881		\$254.060
Total U.S. Department of Homeland Security:	37.001		011005-10570	\$0	\$3,681,714	\$0	\$3,681,714
Agency for International Development:				40	\$3,001,714		\$5,001,714
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT	98.000			\$49,108			
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT	98.000	INNOVATIONS FOR POVERTY ACTION	NA		\$1,132		
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT		NATIONAL ACADEMY OF SCIENCES					674.000
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT	98.000		200006863		\$24,122		\$74,362
		RESEARCH FOUNDATION OF CITY	0.				
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	UNIVERSITY OF NEW YORK	CM000000220001	<u> </u>	\$60,844		\$60,844
Total Agency for International Development: TOTAL RESEARCH AND DEVELOPMENT CLUSTER:				\$49,108 \$344,963,691	\$86,098 \$57,933,741	\$0 \$62,732,185	\$135,206 \$402,897,432
Department of Health and Human Services:		NYS OFFICE OF CHILDREN AND FAMILY					
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C004596		(\$60)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C004796		(\$1,633)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005067		(\$124)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005059		(\$61)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005065 C005183		(\$12) (\$32)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005186		(\$3,967)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005332		\$15,449		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005306		\$4,456,700		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005307		\$83,986		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005309		\$8,461		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005317		\$45,224		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005311		\$616,332		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	T005312		\$3,250		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005308		\$320,417		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005310 C005319		\$270,682 \$260,488		
GHILD GARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES	000319		¢∠00,488		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$266,187		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$30,905		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$261,185		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$691,835		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$729,232		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$255,454		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$4,169,133		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$538,703		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES	N/A		\$100,919	\$8,495	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	STONY BROOK UNIVERSITY	C002041		\$5,823		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND FAMILY	NA		\$13,135		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027442		\$1,737		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027443		\$58		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027444		(\$145)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027447		(\$1,226)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027440		(\$428)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027441		(\$455)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027448		\$297		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027439		(\$2,631)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$2,703)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$3,235)	\$10,192	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$2,972)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027961 CC02 CC03 SPD01 28838		\$264,966		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFFICE OF CHILDREN AND	C027967 CC15 CC18 CC35		\$60,786		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027980		\$295,220	\$778,532	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C023001		\$49	\$1,093,948	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C002742/MOU2004		\$860,387		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	SERVICES	C002742		\$1,151,556		\$15,758,872
Total Department of Health and Human Services: TOTAL FOR CCDF CLUSTER				\$0 \$0	\$15,758,872 \$15,758,872	\$1,891,167 \$1,891,167	\$15,758,872 \$15,758,872
DBG - DISASTER RECOVERY GRANTS - PUB. L. NO. 113-2 CLUSTER: Department of Housing and Urban Development: HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY GRANTS (CDBG-DR) Total Department of Housing and Urban Development: TOTAL CDBG - DISASTER RECOVERY GRANTS - PUB. L. NO. 113-2 CLUSTER:	14.269	HOUSING TRUST FUND CORPORATION	1297DR113	<u>\$0</u> \$0	\$345,666 \$345,666 \$345,666	(\$428) (\$428) (\$428)	\$345,666 \$345,666 \$345,666

CDBG - ENTITLEMENT GRANTS CLUSTER PROGRAMS:

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	expenditures by CFDA and federal grantor
Department of Housing and Urban Development: COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	14.218	CITY OF YONKERS	422016		\$9,301		
COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	14.218	CITY OF YONKERS	NA		\$84,994		\$94,295
Total Department of Housing and Urban Development:				\$0	\$94,295	\$0	\$94,295
TOTAL CDBG - ENTITLEMENT GRANTS CLUSTER PROGRAMS:				\$0	\$94,295	\$0	\$94,295
CHILD NUTRITION CLUSTER: Department of Agriculture:							
SUMMER FOOD SERVICE PROGRAM FOR CHILDREN	10.559	NYS EDUCATION DEPARTMENT	140600630248		\$47,384		\$47,384
Total Department of Agriculture:				\$0	\$47,384	\$0	\$47,384
TOTAL CHILD NUTRITION CLUSTER:				\$0	\$47,384	\$0	\$47,384
DISABILITY INSURANCE/SSI CLUSTER: Social Security Administration:							
SOCIAL SECURITY DISABILITY INSURANCE	96.001	STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND FAMILY	C002041		\$7,034		
SOCIAL SECURITY DISABILITY INSURANCE	96.001		C027980		\$180,189		
SOCIAL SECURITY_DISABILITY INSURANCE	96.001	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005307		\$204,618		
SOCIAL SECURITY_DISABILITY INSURANCE	96.001	SERVICES NYS OFFICE OF TEMPORARY &	C005310		\$7,426		
SOCIAL SECURITY DISABILITY INSURANCE	96.001	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C021746		(\$1,462)		
SOCIAL SECURITY DISABILITY INSURANCE	96.001	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD		(\$1,339)		
SOCIAL SECURITY DISABILITY INSURANCE	96.001	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD		\$16,731		
SOCIAL SECURITY DISABILITY INSURANCE	96.001	DISABILITY ASSISTANCE	TBD		\$27,858		\$441,055
Total Social Security Administration: TOTAL DISABILITY INSURANCE/SSI CLUSTER:				\$0 \$0	\$441,055 \$441,055	\$0 \$0	\$441,055 \$441,055
HIGHWAY PLANNING AND CONSTRUCTION CLUSTER: Department of Federal Highway Administration:							
		NYS DEPARTMENT OF			A= 40		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	TRANSPORTATION NYS DEPARTMENT OF	150089M		\$712		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	TRANSPORTATION	PO 170099M		\$12,582 \$13,294		\$13,294
Total Department of Federal Highway Administration: TOTAL HIGHWAY PLANNING AND CONSTRUCTION CLUSTER:				\$0 \$0	\$13,294 \$13,294	\$0 \$0	\$13,294 \$13,294
HIGHWAY SAFETY CLUSTER: Department of Transportation:							
		NYS GOVERNORS TRAFFIC SAFETY					
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	COMMITTEE NYS GOVERNORS TRAFFIC SAFETY	C002280		\$72,240		
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	COMMITTEE NYS GOVERNORS TRAFFIC SAFETY	C002301		\$223,490		
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	COMMITTEE NYS GOVERNORS TRAFFIC SAFETY	C002300		\$134,880		
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	COMMITTEE NYS GOVERNORS TRAFFIC SAFETY	C002362		\$228,462		
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	COMMITTEE NATIONAL ASSOCIATION OF EMS	C002365		\$596,074		
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	PHYSICIANS NYS GOVERNORS TRAFFIC SAFETY	N/A		\$23,318		\$1,278,464
NATIONAL PRIORITY SAFETY PROGRAMS	20.616	COMMITTEE NYS GOVERNORS TRAFFIC SAFETY	C002281		\$100,013		
NATIONAL PRIORITY SAFETY PROGRAMS	20.616	COMMITTEE NYS GOVERNORS TRAFFIC SAFETY	C002363		\$267,093		
	20.616	COMMITTEE	C002364		\$372,098		\$739,204
NATIONAL PRIORITY SAFETY PROGRAMS Total Department of Transportation:	20.010			\$0	\$2,017,668	\$0	\$2.017.668

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
MATERNAL INFANT AND EARLY CHILDHOOD HOME VISITINGCLUSTER: Department of Health and Human Services:							
		NYS OFFICE OF CHILDREN AND FAMILY					
AFFORDABLE CARE ACT (ACA) MATERNAL	93.505	SERVICES	C005280		\$188,020		\$188,020
Total Department of Health and Human Services:				\$0	\$188,020	\$0	\$188,020
TOTAL MATERNAL INFANT AND EARLY CHILDHOOD HOME VISITING CLUSTER:				\$0	\$188,020	\$0	\$188,020
MEDICAID CLUSTER:							
Department of Health and Human Services:							
		NYS OFFICE OF CHILDREN AND FAMILY					
MEDICAL ASSISTANCE PROGRAM	93.778	SERVICES	C005307		\$96,310		
	00 770	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005310		640.040		
MEDICAL ASSISTANCE PROGRAM	93.778				\$46,942		
MEDICAL ASSISTANCE PROGRAM	93.778	NYS DEPARTMENT OF HEALTH	NA		(\$31,910)		
	00 770	NYS OFFICE OF CHILDREN AND FAMILY	0007117		(* 104)		
MEDICAL ASSISTANCE PROGRAM	93.778	SERVICES	C027447		(\$481)		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
MEDICAL ASSISTANCE PROGRAM	93.778	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027440		(\$3,914)		
MEDICAL ASSISTANCE PROGRAM	93.778	SERVICES	C027439		(\$482)		
MEDICAL ASSISTANCE PROGRAM	93.778	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$3,132)		
MEDICAL ASSISTANCE PROGRAM Total Department of Health and Human Services:	93.778	SERVICES	C023001	\$0	\$435 \$103.768	\$0	\$103,768 \$103,768
TOTAL MEDICAID CLUSTER:				\$0	\$103,768	\$0	\$103,768
SNAP CLUSTER: Department of Agriculture:							
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005288		\$462,252		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005284		\$1,013,879		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005289		\$138,696		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005287		\$412,556		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005307		\$234,654		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	SERVICES NYS OFFICE OF TEMPORARY &	C005310		\$85,095		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005378		\$848,821		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005373		\$338,224		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005374		\$283,729		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND FAMILY	C005375		\$131,641		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027447		(\$349)		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	SERVICES NYS OFFICE OF TEMPORARY &	C027440		(\$2,820)		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C021756		(\$32,054)		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND FAMILY	C021749		(\$266)		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	SERVICES NYS OFFICE OF TEMPORARY &	TBD		(\$4,781)		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD		\$398,324		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD		\$1,083,481		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	10.551	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	HRA02		\$257,213		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	10.551	DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND FAMILY	TBD		\$1,060,982		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL	10.551	SERVICES NYS OFFICE OF TEMPORARY &	C023001		\$768		\$6,710,045
NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL	10.561	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005285		\$115,208		
NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL	10.561	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005379		\$114,187		
NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL	10.561	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C00272GG		\$191,476		
NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL	10.561	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD		\$6,290		
NUTRITION ASSISTANCE PROGRAM Total Department of Agriculture:	10.561	DISABILITY ASSISTANCE	C021897	\$0	(\$65,266) \$7,071,940	\$0	\$361,895 \$7,071,940
TOTAL SNAP CLUSTER:				\$0	\$7,071,940	\$0	\$7,071,940

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
SPECIAL EDUCATION CLUSTER (IDEA):							
Department of Education:							
SPECIAL EDUCATION GRANTS TO STATES	84.027	NYS EDUCATION DEPARTMENT	C012288		\$10,239		
SPECIAL EDUCATION GRANTS TO STATES	84.027	NYS EDUCATION DEPARTMENT	C012288		\$485,914		
SPECIAL EDUCATION GRANTS TO STATES	84.027	MULTIPLE SPONSORS	na		\$23,978		
SPECIAL EDUCATION GRANTS TO STATES	84.027	NYS EDUCATION DEPARTMENT	C012091		\$144,707		\$750 050
SPECIAL EDUCATION GRANTS TO STATES	84.027	NYS EDUCATION DEPARTMENT NEW YORK CITY DEPARTMENT OF	C012091		\$91,514		\$756,352
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	EDUCATION NEW YORK CITY BOARD OF	N/A		\$37,488		
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	EDUCATION NEW YORK CITY DEPARTMENT OF	331800880148/PL 611		\$51,495		
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	EDUCATION NEW YORK CITY BOARD OF	N/A		\$1,815		
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	EDUCATION NEW YORK CITY DEPARTMENT OF	331800880148/PL 619		\$1,870		
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	EDUCATION NEW YORK CITY DEPARTMENT OF	N/A		\$42,274		
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	EDUCATION NEW YORK CITY BOARD OF	N/A		\$21,381		
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	EDUCATION NEW YORK CITY BOARD OF	331800880148/PL 619		\$11,400		
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	EDUCATION	331800880148/PL 611		\$42,353		\$210,076
Total Department of Education:				\$0	\$966,428	\$0	\$966.428
TOTAL SPECIAL EDUCATION CLUSTER (IDEA):				\$0	\$966,428	\$0	\$966,428
Department of Health and Human Services: SCHOLARSHIPS FOR HEALTH PROFESSIONS STUDENTS FROM DISADVANTAGED BACKGROUNDS Total Department of Health and Human Services: TOTAL STUDENT FINANCIAL ASSISTANCE (SFA) CLUSTER: TANF CLUSTER:	93.925			\$509,410 \$509,410 \$509,410	\$0 \$0	\$0 \$0	\$509,410 \$509,410 \$509,410
Department of Health and Human Services:							
boparation of Hoalan and Haman of Hobbi		NYS OFFICE OF CHILDREN AND FAMILY					
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005059		(\$728)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005183		(\$429)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES	C005309		\$115,814		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	STONY BROOK UNIVERSITY	C002041		\$344		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	STONY BROOK UNIVERSITY	C002041		\$79,669		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	STONY BROOK UNIVERSITY	C002041		\$141,393		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND FAMILY	NA		\$25,025		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027442		\$20,894		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027443		\$705		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027444		(\$1,744)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES	C027447		(\$14,955)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027440		(\$17,797)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027441		(\$5,480)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027448		\$2,957		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027439		(\$3,549)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES	C027438		(\$10,006)		

Federal grantor/federal subdivision or pass-through gra	CFDA Intor number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
		NYS OFFICE OF CHILDREN AND FAMILY	· · · · · · · · · · · · · · · · · · ·				Touoral grantor
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$30,607)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$42,708)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$13,219)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SERVICES CLINTON COUNTY DEPARTMENT OF	TBD		\$8,923		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SOCIAL SERVICES ESSEX COUNTY DEPARTMENT OF	N/A		\$22,614		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SOCIAL SERVICES FRANKLIN COUNTY DEPARTMENT OF	N/A		\$38,147		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SOCIAL SERVICES FRANKLIN COUNTY DEPARTMENT OF	N/A		\$22,313		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SOCIAL SERVICES ESSEX COUNTY DEPARTMENT OF	N/A		\$10,557		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SOCIAL SERVICES CLINTON COUNTY DEPARTMENT OF	N/A		\$19,530		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	SOCIAL SERVICES	N/A		\$20,556		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001		\$818		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027970		\$55,184		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C028175		\$39,506		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C002430		\$51,982		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C002851		\$958,264		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES Total Department of Health and Human Services: TOTAL TANF CLUSTER:	93.558	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C002851	\$0 \$0	\$2,234,958 \$3,728,931 \$3,728,931	\$0 \$0	\$3,728,931 \$3,728,931 \$3,728,931
TRIO CLUSTER:							
Department of Education:							
TRIO STUDENT SUPPORT SERVICES	84.042			\$226,300			
TRIO STUDENT SUPPORT SERVICES	84.042			\$364,372			
TRIO STUDENT SUPPORT SERVICES	84.042			\$176,279			
TRIO STUDENT SUPPORT SERVICES	84.042			\$491,170			
TRIO STUDENT SUPPORT SERVICES	84.042			\$286,853			
TRIO STUDENT SUPPORT SERVICES	84.042			\$275,915			
TRIO STUDENT SUPPORT SERVICES	84.042			\$196,742			\$2,017,631
TRIO TALENT SEARCH	84.044			\$52,877			
TRIO TALENT SEARCH	84.044			\$249,752			
TRIO TALENT SEARCH	84.044			\$269.384			\$572.013
TRIO UPWARD BOUND	84.047			\$412,314			
TRIO UPWARD BOUND	84.047			\$110,777			
TRIO UPWARD BOUND	84.047			\$142,677			
TRIO UPWARD BOUND	84.047			\$50,722			
TRIO UPWARD BOUND	84.047			\$13,074			
TRIO UPWARD BOUND	84.047			\$463,057			
TRIO UPWARD BOUND	84.047			\$110,997			
TRIO UPWARD BOUND	84.047			\$178,912			
TRIO UPWARD BOUND	84.047			\$218,903			
TRIO UPWARD BOUND	84.047			\$218,788			
TRIO UPWARD BOUND	84.047			\$3,193			
TRIO UPWARD BOUND	84.047			\$376,650			
TRIO UPWARD BOUND	84.047			\$584			
TRIO UPWARD BOUND	84.047			\$95,091			
TRIO UPWARD BOUND	84.047			\$620,741			
TRIO UPWARD BOUND	84.047			\$153,780			\$3,170,260
TRIO OPWARD BOOND	84.047 84.217			\$153,780			φ3,170,200
	04.217			\$111,007			

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	expenditures by CFDA and federal granto
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217		rass-un ough humber	\$166,790	experialtures	to Subrecipients	
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$105			
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$168,131			
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$84,986			
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$237,347			
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$2			
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$66,332			
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			\$121,661			\$957,02
Total Department of Education: TOTAL TRIO CLUSTER:				\$6,716,925 \$6,716,925	\$0 \$0	\$0 \$0	\$6,716,92 \$6,716,92
IA CLUSTER:							
Department of Labor:							
WIOA DISLOCATED WORKER FORMULA GRANTS	17.278	NYS DEPARTMENT OF LABOR	C015130		(\$16,207)		(\$16,20
Total Department of Labor:				\$0	(\$16,207)	\$0	(\$16,20
TOTAL WIA CLUSTER:				\$0	(\$16,207)	\$0	(\$16,20
THER PROGRAMS:							
Peace Corps: PEACE CORPS	08.000			\$23,575			\$23,57
Total Peace Corps:	08.000			\$23,575	\$0	\$0	\$23,57
Department of Agriculture:				\$23,313		<u></u>	ψ20,01
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217			\$24,354		\$21,309	
HIGHER EDUCATION - MULTICULTURAL SCHOLARS GRANT PROGRAM	10.220			\$1,036		φ21,000	\$25,39
SECONDARY AND TWO-YEAR POSTSECONDARY AGRICULTURE	10.220			\$1,000			φ20,0
EDUCATION CHALLENGE GRANTS	10.226	CORNELL UNIVERSITY	7335810367		\$14,143		\$14,14
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326			\$134,339	¢11,110	\$15,000	\$134,3
(NLGCA) "WIC SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN	10.520	NYS DEPARTMENT OF HEALTH	DOH01-C30390GG-3450000	\$134,339	\$402,281	\$15,000	φ134,33
WIC SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN	10.557	NYS DEPARTMENT OF HEALTH	DOH01-C30390GG-3450000 DOH01-C30390GG-3450000		\$1,018,049		\$1,420,33
SOIL AND WATER CONSERVATION	10.557	NTS DEFARTMENT OF HEAETH	DOH01-C30390GG-3450000	\$525	\$1,010,049		φ1,420,3
SOIL AND WATER CONSERVATION	10.902			\$5,720			\$6,24
Total Department of Agriculture:	10.002			\$165,974	\$1,434,473	\$36,309	\$1,600,44
Department of Commerce:					<u> </u>		.,,.
CLUSTER GRANTS	11.020			\$71,884			\$71,8
ECONOMIC DEVELOPMENT TECHNICAL ASSISTANCE	11.303			\$106,031			\$106,0
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313			\$807,428			\$807,42
SEA GRANT SUPPORT	11.417			\$35,179			*** **
SEA GRANT SUPPORT	11.417			\$617			
SEA GRANT SUPPORT	11.417			\$22,281			
SEA GRANT SUPPORT	11.417			\$19,201			
		VIRGINIA INSTITUTE OF MARINE					
SEA GRANT SUPPORT	11.417	SCIENCE VIRGINIA INSTITUTE OF MARINE	71858J 712684		\$1,707		
SEA GRANT SUPPORT	11.417	SCIENCE	71858N 712684		\$4,148		\$83,13
MARINE SANCTUARY PROGRAM	11.429			\$19,272			\$19,2
"SCIENCE	11.620			\$3,300			
"SCIENCE	11.620			\$10,108			
"SCIENCE	11.620			\$3,000			\$16,40
Total Department of Commerce:				\$1,098,301	\$5,855	\$0	\$1,104,15
Department of Defense:				• • • • • • • • • • • • • • • • •			•·
BASIC SCIENTIFIC RESEARCH	12.431			\$17,077			\$17,07
"BASIC	12.630	ACADEMY OF APPLIED SCIENCES DIGITAL MANUFACTURING AND DESIGN	N/A		\$15,888		
"BASIC	12.630	INNOVATION INSTITUTE	150802		\$35,940	\$15,120	
"BASIC	12.630	BATTELLE MEMORIAL INSTITUTE	US001-0000538406		\$4,334		\$56,16
LANGUAGE GRANT PROGRAM	12.900			\$61,039			
LANGUAGE GRANT PROGRAM	12.900			\$86,628			
LANGUAGE GRANT PROGRAM	12.900			\$4,617			\$152,2
GENCYBER GRANTS PROGRAM	12.903			(\$691)			
GENCYBER GRANTS PROGRAM	12.903			\$39,460			\$38,7
Total Department of Defense:				\$208,130	\$56,162	\$15,120	\$264,2

	CFDA	Describerant Factor News	Dens dans dans dans	Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			\$639			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			\$41,032			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			\$12,160			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF THE NATIONAL PARK SYSTEM							
COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF	15.945			\$43,128			
THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF	15.945			\$23,708			
THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS A?? RESOURCES OF	15.945			\$17,654			
THE NATIONAL PARK SYSTEM	15.945	NATIONAL WRITING PROJECT		\$6,248			\$144,569
"NATIONAL PARK SERVICE CONSERVATION	15.954	CORPORATION	01NY09NPS2017		\$3,500		\$3,500
Total Department of the Interior:	10.004		01110311102017	\$144,569	\$3,500	\$0	\$148.069
				\$144,569		\$0	a146,069
partment of Justice:		ERIE COUNTY DEPARTMENT OF					
DEDADTMENT OF HIGTIGE	10,000		TRD		640.404		¢40.404
DEPARTMENT OF JUSTICE	16.000	HEALTH NYS OFFICE OF CHILDREN AND FAMILY	TBD		\$12,161		\$12,161
IUVENILE ACCOUNTABILITY BLOCK GRANTS	16.523	SERVICES	C005082		(\$174)		(\$174)
GRANTS TO REDUCE DOMESTIC VIOLENCE	16.525			\$63,779			
GRANTS TO REDUCE DOMESTIC VIOLENCE	16.525			\$21,291			
GRANTS TO REDUCE DOMESTIC VIOLENCE	16.525			\$29,209			\$114,279
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH	16.562			\$46,070			
RIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH	10.302			\$40,070			
ELLOWSHIPS	16.562			\$8,528			
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH	16.562			\$23,074			
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH FELLOWSHIPS	16.562			\$26,004			
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH FELLOWSHIPS	16.562			\$23,208			
CEIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH	16.562			\$44,341			
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH							
FELLOWSHIPS CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH	16.562			\$24,519			
FELLOWSHIPS	16.562			\$49,192			\$244,936
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582	NYS OFFICE OF VICTIM SERVICES	TIDMH2017		\$44,559		
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582	NYS OFFICE OF VICTIM SERVICES	CIDMH2018		\$35,102		\$79,661
CORRECTIONS TRAINING AND STAFF DEVELOPMENT	16.601			\$18			\$18
PUBLIC SAFETY PARTNERSHIP AND COMMUNITY POLICING GRANTS	16.710	ARIZONA STATE UNIVERSITY NYS DIVISION OF CRIMINAL JUSTICE	N/A		\$8,160		\$8,160
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738	SERVICES	C484559		\$438,212		\$438,212
VISION 21	16.826	NYS OFFICE OF VICTIM SERVICES	C2015CHSR		\$81,383		
VISION 21	16.826	NYS OFFICE OF VICTIM SERVICES	N/A		(\$15,253)		\$66,130
Total Department of Justice:				\$359,233	\$604,150	\$0	\$963,383
partment of Labor:				<u> </u>			
DEPARTMENT OF LABOR	17.000	NYS DEPARTMENT OF LABOR	C015156		(\$3,058)		(\$3,058)
H-1B JOB TRAINING GRANTS	17.268	FINGER LAKES COMMUNITY COLLEGE	NA		\$84,073		\$84,073
Total Department of Labor:				\$0	\$81,015	\$0	\$81,015
partment of State:							
ACADEMIC EXCHANGE PROGRAMS - UNDERGRADUATE PROGRAMS	19.009	PARTNERS OF THE AMERICAS INC	CBG2015R113		\$22,261		\$22,261
INVESTING IN PEOPLE IN THE MIDDLE EAST AND NORTH AFRICA	19.021	INTERNATIONAL RESEARCH AND		(\$2,250)			
INVESTING IN PEOPLE IN THE MIDDLE EAST AND NORTH AFRICA	19.021	EXCHANGES BOARD	FY16IULPSUNY01		(\$341)		(\$2,591)
PUBLIC DIPLOMACY PROGRAMS	19.021			\$9,954	(4041)		(42,091)
PUBLIC DIPLOMACT PROGRAMS PUBLIC DIPLOMACY PROGRAMS	19.040						
PUBLIC DIPLOMACY PROGRAMS PUBLIC DIPLOMACY PROGRAMS	19.040			\$15,336 \$42,673			\$67.963

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
REGIONAL DEMOCRACY PROGRAM	19.221			\$280,829			\$280,829
"INTERNATIONAL PROGRAMS TO SUPPORT DEMOCRACY PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN	19.345			\$149,201			\$149,201
EXCHANGES	19.415			\$67,188			
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.415	AMERICAN COUNCIL FOR INTERNATIONAL EDUCATION	SECAGD16CA1077		\$36,494		
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.415	AMERICAN COUNCIL FOR INTERNATIONAL EDUCATION	SECAGD17CA1053 SBU200389		\$163,563		
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.415	WORLD LEARNING	SYAC2ECAGD17CA1070		\$12,321		
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.415	ASPEN INSTITUTE	SECAGD15CA1065		\$201,700		\$481,266
Department of State:				\$562,931	\$435,998	\$0	\$998,929
Department of Transportation:		RESEARCH FOUNDATION OF CITY				i	i
UNIVERSITY TRANSPORTATION CENTERS PROGRAM Total Department of Transportation:	20.701	UNIVERSITY OF NEW YORK	491980328	\$0	\$21,116 \$21,116	\$0	\$21,116 \$21,116
Appalachian Regional Commission: APPALACHIAN REGIONAL DEVELOPMENT (SEE INDIVIDUAL APPALACHIAN					φ21,110	\	
PROGRAMS)	23.001			\$68,034			\$68,034
APPALACHIAN AREA DEVELOPMENT	23.002			\$57,807			
APPALACHIAN AREA DEVELOPMENT	23.002			\$4,665			
APPALACHIAN AREA DEVELOPMENT	23.002			\$74,661			
APPALACHIAN AREA DEVELOPMENT	23.002			\$145,804			
APPALACHIAN AREA DEVELOPMENT	23.002			\$16,401			\$299,338
"APPALACHIAN RESEARCH	23.011	EAST TENNESSEE STATE UNIVERSITY	22001515		(\$79)		
"APPALACHIAN RESEARCH Total Appalachian Regional Commission:	23.011	EAST TENNESSEE STATE UNIVERSITY	171141S71	\$367,372	\$2,643 \$2,564	\$0	\$2,564 \$369,936
National Aeronautics and Space Administration:							
SCIENCE	43.001			\$33,698			
SCIENCE	43.001			\$39,821			
SCIENCE	43.001			\$40,928			
SCIENCE	43.001			\$39,029			\$153,476
EDUCATION	43.008	CORNELL UNIVERSITY	76156-10491	***,***	\$14,353		\$14,353
Total National Aeronautics and Space Administration:	10.000			\$153,476	\$14,353	\$0	\$167,829
National Endowment for the Arts: PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS				Q100,470	·····	\	
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024			\$9,900			
	45.024			\$44,270			
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024	ARTS MIDWEST	00019821		\$13,379		\$67,549
PROMOTION OF THE HUMANITIES FEDERAL/STATE PARTNERSHIP	45.129	HUMANITIES NEW YORK	3234055		\$5,000		
PROMOTION OF THE HUMANITIES FEDERAL/STATE PARTNERSHIP	45.129	HUMANITIES NEW YORK NEW YORK COUNCIL FOR THE	2968424		\$4,484		
PROMOTION OF THE HUMANITIES FEDERAL/STATE PARTNERSHIP PROMOTION OF THE HUMANITIES CHALLENGE GRANTS	45.129	HUMANITIES	8654	(\$7.040)	\$1,500		\$10,984
PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND	45.130			(\$7,019)			(\$7,019)
ACCESS	45.149	LITERARY CLASSICS OF THE UNITED		\$87,493			\$87,493
PROMOTION OF THE HUMANITIES RESEARCH	45.161	STATES INCORPORATED	NA		\$1,200		\$1,200
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.163			\$129,884			
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.163			\$64,658			\$194,542
PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	45.164			\$21,596			\$21,596
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313	UNIVERSITY OF WEST GEORGIA	115854AUB	+	\$14,773		\$14,773
Total National Endowment for the Arts:	.0.010			\$350,782	\$40,336	\$0	\$391,118
National Science Foundation:		VIRGINIA POLYTECHNIC INSTITUTE		Q000,702	÷ 10,000	\	
	47 000		D2406226		604 FO:		604 F04
NATIONAL SCIENCE FOUNDATION	47.000		P3196326		\$21,591		\$21,591
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF NOTRE DAME BROOKHAVEN SCIENCE ASSOCIATES	NA		\$1,200		\$1,200
GEOSCIENCES	47.050	LLC	NA		\$38,517		\$38,517

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	UNIVERSITY OF ROCHESTER AMERICAN EDUCATIONAL RESEARCH	NA		\$2,000		\$2,000
EDUCATION AND HUMAN RESOURCES	47.076	ASSOCIATION	N/A		\$3,792		
EDUCATION AND HUMAN RESOURCES	47.076	CARTHAGE COLLEGE	30130-530-1		\$69,144		
EDUCATION AND HUMAN RESOURCES	47.076	MUSEUM OF SCIENCE BOSTON	N/A		\$797		\$73,733
Total National Science Foundation:				\$0	\$137,041	\$0	\$137,041
Small Business Administration:				·			
SMALL BUSINESS DEVELOPMENT CENTERS	59.037			\$21,056		\$21,056	
SMALL BUSINESS DEVELOPMENT CENTERS	59.037			\$3,936,819		\$3,207,343	
SMALL BUSINESS DEVELOPMENT CENTERS	59.037			\$179,794			
SMALL BUSINESS DEVELOPMENT CENTERS	59.037			\$2,423,257		\$816,980	\$6,560,926
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	59.058			\$68.566			\$68,566
Total Small Business Administration:				\$6,629,492	\$0	\$4,045,379	\$6,629,492
Veterans Benefits Administration:							
VETERANS BENEFITS ADMINISTRATION	64.000			\$21,954			\$21,954
VETERANS DEPENDENCY AND INDEMNITY COMPENSATION FOR SERVICE-							+= -,++
CONNECTED DEATH	64.440			¢1.000			£1.000
Total Veterans Benefits Administration:	64.110			\$1,060 \$23,014	\$0	\$0	\$1,060 \$23.014
Environmental Protection Agency:				\$ ∠ 3,014	\$0	\$0	\$∠3,014
Environmental Protection Agency:		NYS ENVIRONMENTAL FACILITIES					
	000 000		584 C792050200		¢4.40.700		
ENVIRONMENTAL PROTECTION AGENCY	66.000	CORPORATION NYS DEPARTMENT OF	584 C792050200		\$148,738		
ENVIRONMENTAL PROTECTION AGENCY	66.000	ENVIRONMENTAL CONSERVATION	4140700		¢2.004		\$152.732
			AM10700		\$3,994		
CLEAN SCHOOL BUS USA	66.036	PUSH BUFFALO INCORPORATED	NA		\$5,940		\$5,940
Total Environmental Protection Agency:				\$0	\$158,672	\$0	\$158,672
Department of Energy:		BROOKHAVEN SCIENCE ASSOCIATES					
	01.010	BROOKHAVEN SCIENCE ASSOCIATES	010005		\$0.04F		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	218985		\$6,645		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	04.040	LLC	000007		674		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		220887		\$71		
	04.040	BROOKHAVEN SCIENCE ASSOCIATES LLC	000000		60.017		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	229098		\$8,617		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	242707		CAE 440		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	61.049	BROOKHAVEN SCIENCE ASSOCIATES	243787		\$45,410		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	91.040	LLC	249024		\$41,995		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE FROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	249024		\$41,995		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	243765		\$10,179		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	01.049	BROOKHAVEN SCIENCE ASSOCIATES	243705		\$10,179		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		251582		\$26,451		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE FROGRAM	01.049	BROOKHAVEN SCIENCE ASSOCIATES	251562		\$20,40T		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	252993		\$46,645		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE FROGRAM	01.049	BROOKHAVEN SCIENCE ASSOCIATES	202993		\$40,045		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	279312		\$44,948		
OFFICE OF SCIENCE FINANCIAE ASSISTANCE FROSKAW	01.043	BROOKHAVEN SCIENCE ASSOCIATES	273312		ψ 44 ,540		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	267465		\$46,189		
OFFICE OF SCIENCE FINANCIAE ASSISTANCE FROMKAW	01.043	BROOKHAVEN SCIENCE ASSOCIATES	201405		ψ40,103		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	267077		\$44,948		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE FROGRAM	01.049	BROOKHAVEN SCIENCE ASSOCIATES	201011		\$ 44 ,840		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	279307		\$28,950		
	01.045	BROOKHAVEN SCIENCE ASSOCIATES	213001		φ20,000		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	267472		\$46,747		
	01.045	BROOKHAVEN SCIENCE ASSOCIATES	201412		ψ+0,1+1		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	278008		\$41,133		
	01.045	BROOKHAVEN SCIENCE ASSOCIATES	270000		ψ+1,100		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	285034		\$21,670		
	011010	BROOKHAVEN SCIENCE ASSOCIATES	200001		\$21,070		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	288447		\$44,948		
	01.045	BROOKHAVEN SCIENCE ASSOCIATES	200447		ψ++,0+0		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	289986		\$44,948		
	0040	BROOKHAVEN SCIENCE ASSOCIATES			ψ,Ο		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	293767		\$37,559		
	011010	BROOKHAVEN SCIENCE ASSOCIATES			<i>401,000</i>		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	294250		\$49,176		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	295283		\$43,170		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	295885		\$48,405		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	296120		\$42,871		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	299418		\$45,585		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	299425		\$48,831		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	305224		\$25,996		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF PRINCETON UNIVERSITY	S014793H		(\$309)		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	309944		\$44,948		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	313056		\$17,513		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	314009		\$1,640		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	314480		\$46,360		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	312631		\$37,741		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	315223		\$48,937		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	315617		\$46,205		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	317196		\$39,062		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	315845		\$43,239		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	319267		\$300,000		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	321431		\$39,462		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	322325		\$23,268		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF PRINCETON UNIVERSITY BROOKHAVEN SCIENCE ASSOCIATES	S015348H		\$26,764		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	325447		\$6,414		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	325442		\$6,414		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	327976		\$45,028		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	329688		\$57,332		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	GENERAL ATOMICS BROOKHAVEN SCIENCE ASSOCIATES	4500067224		\$9,375		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	329810		\$45,763		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	330943		\$40,469		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	332593		\$45,671		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	332991		\$42,367		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	332867		\$49,436		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	333318		\$6,679		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	330063		\$47,162		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC	331990		\$15,002		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	329690		\$26,190		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	335665		\$22,897		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	329687		\$39,253		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	337357		\$35,990		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	335324		\$2,025		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES	337365		\$34,338		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES	336875		\$40,628		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	337120		\$32,190		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	340812		\$21,754		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	341133		\$17,019		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	342068		\$12,522		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	341815		\$28,081		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	340946		\$29,971		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	341808		\$20,212		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	341702		\$20,849		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	341627		\$28,322		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	340949		\$20,729		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	342311		\$20,825		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	341816		\$22,761		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	342355		\$23,543		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	343575		\$19,540		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	344873		\$15,116		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	346901		\$9,394		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	346833		\$1,335		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	347159		\$1,335		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	34173		\$1,513		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	347222		\$1,335		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC BROOKHAVEN SCIENCE ASSOCIATES	347603		\$1,408		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	LLC HUDSON VALLEY COMMUNITY	349368		\$2,652		\$2,577,756
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT Total Department of Energy: Department of Education:	81.087	COLLEGE	PO0066763PO0073415	\$0	(\$5,072) \$2,572,684	\$0	(\$5,072) \$2,572,684
DEPARTMENT OF EDUCATION	84.000	COMMUNITY ACTION ORGANIZATION		\$40,069			
DEPARTMENT OF EDUCATION	84.000	OF ERIE COUNTY INC	NA		\$20,468		

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
DEPARTMENT OF EDUCATION	84.000	NYS HIGHER EDUCATION SERVICES CORPORATION	N/A		\$60,196		
DEPARTMENT OF EDUCATION	84.000	ROCHESTER CITY SCHOOL DISTRICT ERIE COUNTY DEPARTMENT OF	na		\$25,147		\$145,880
ADULT EDUCATION - BASIC GRANTS TO STATES	84.002	SOCIAL SERVICES	ED4232		\$43,958		
ADULT EDUCATION - BASIC GRANTS TO STATES	84.002	NYS EDUCATION DEPARTMENT	C012254		\$83,975		
ADULT EDUCATION - BASIC GRANTS TO STATES	84.002	NYS EDUCATION DEPARTMENT	C012254		\$226,465		\$354,398
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402220 0035160022		\$1		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402220 0035170022		\$319,667	\$26,955	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	016044		\$148,152		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402220 0035180022		\$460,551		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	016044		\$261,298	\$5,500	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	N/A		\$1,172		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT GENESEO MIGRANT CENTER	C402222 0035170037		\$244,931		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	INCORPORATED	NA		\$168		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT GENESEO MIGRANT CENTER	C402222 0035180037		\$646,808		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	INCORPORATED	NA		\$1,115		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402221 0035150002		(\$182)		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402221 0035150002		(\$1)		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402221 0035170002		\$74,746		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402221 0035180002		\$243,612		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402224 0035170005		\$267,872		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY	C402224 0035180005		\$752,568		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	C315169001		\$7,121		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	INDIANA DEPARTMENT OF EDUCATION KENTUCKY DEPARTMENT OF	A58717DL3706		(\$37)		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION CALIFORNIA DEPARTMENT OF	PON254016000036781		\$3,419		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION GEORGIA DEPARTMENT OF	CN160041		\$758		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	414003610000097230		\$458		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT COLORADO DEPARTMENT OF	C990426		\$601,697	\$91,227	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION GEORGIA DEPARTMENT OF	N/A		\$5,546		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	N/A		\$5,430		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	IDAHO DEPARTMENT OF EDUCATION	N/A		\$5,089		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MAINE DEPARTMENT OF EDUCATION MISSOURI DEPARTMENT OF	N/A		\$5,332		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION WASHINGTON STATE OFFICE OF SUPERINTENDENT OF PUBLIC	N/A		\$5,225		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	INSTRUCTION	N/A		\$5,575		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	OREGON DEPARTMENT OF EDUCATION PENNSYLVANIA DEPARTMENT OF	N/A		\$5,570		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION SOUTHWEST ARKANSAS MIGRANT	N/A		\$9,845		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION COOPERATIVE KENTUCKY DEPARTMENT OF	NA		\$88		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION PENNSYLVANIA DEPARTMENT OF	PON25401600001488		\$19,845	\$18,362	
	84.011	EDUCATION LOUISIANA DEPARTMENT OF	201645		\$7,129	1 00	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION ALABAMA STATE DEPARTMENT OF	NA		\$417,817	\$33,840	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	C7U0191		\$10,622	\$1,400	

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	C7U0192		\$31,183		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MISSISSIPPI STATE UNIVERSITY	012474		\$2,763		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	FLORIDA DEPARTMENT OF EDUCATION	9862177T7PE01		\$246,781		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	META ASSOCIATES	N/A		\$10,382		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	DRURY UNIVERSITY	201647		\$2,926		
		GUYMON PUBLIC SCHOOLS			\$2,920		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011		NA				
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	ST. MARY PARISH SCHOOL BOARD	NA		\$3,677		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MANO EN MANO	NA		\$201,203		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	TEXAS EDUCATION AGENCY CENTRAL SUSQUEHANNA	3596		\$8,539		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	INTERMEDIATE UNIT MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY	201646		\$23,207		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION ALABAMA STATE DEPARTMENT OF	C315169001		\$564,355		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	C7U0504		\$15,318		
	0	REGION ONE EDUCATION SERVICES			Q.0,010		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	CENTER NATCHITOCHES PARISH SCHOOL	NA		\$9,873		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	BOARD	N/A		\$9,059		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	INDIANA DEPARTMENT OF EDUCATION KENTUCKY DEPARTMENT OF	21033		\$40,424		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION CALIFORNIA DEPARTMENT OF	PON254017000029231		\$52,859		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	CN170045		\$50,800		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT NORTH MISSISSIPPI EDUCATION	C990426		\$1,242,179	\$48,537	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	CONSORTIUM PENNSYLVANIA DEPARTMENT OF	NA		\$4,384		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	N/A		\$13,080		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	TEXAS EDUCATION AGENCY MISSOURI DEPARTMENT OF	3596		\$24,659		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	N/A		\$12,365		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	IDAHO DEPARTMENT OF EDUCATION	N/A		\$12,303		
		COLORADO DEPARTMENT OF					
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION MISSISSIPPI DEPARTMENT OF	N/A		\$11,975		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	1832018230EA09B0B6004		\$7,726		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	ARIZONA DEPARTMENT OF EDUCATION	ADED18184045		\$12,364		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	OREGON DEPARTMENT OF EDUCATION ALABAMA STATE DEPARTMENT OF	PO 344550		\$12,096		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION ALABAMA STATE DEPARTMENT OF	C8U0291		\$72,216		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION NATCHITOCHES PARISH SCHOOL	C8U0290		\$21,643	\$8,040	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	BOARD	201758		\$2,613		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MAINE DEPARTMENT OF EDUCATION GEORGIA DEPARTMENT OF	N/A		\$12,390		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	N/A		\$12,010		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	FLORIDA DEPARTMENT OF EDUCATION	9862178T8PE01		\$251,317		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MISSISSIPPI STATE UNIVERSITY WASHINGTON STATE OFFICE OF SUPERINTENDENT OF PUBLIC	012474		\$7,845		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	INSTRUCTION	N/A		\$11,368		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MANO EN MANO	NA		\$26,466		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	META ASSOCIATES	NA		\$3,753		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	VIRGINIA DEPARTMENT OF EDUCATION	78224472018,EP2750089		\$2,155		
	04.011				ψ2,100		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	CENTRAL SUSQUEHANNA INTERMEDIATE UNIT ARKANSAS DEPARTMENT OF	NA		\$1,650		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	EDUCATION	4600042804		\$28		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402223 0035170013		\$294,063		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C402223 0035180013		\$773,868		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	HORNELL CITY SCHOOL DISTRICT	N/A		(\$308)		\$8,658,128
NATIONAL RESOURCE CENTERS PROGRAM FOR FOREIGN LANGUAGE AND	04.011	HORNELL CHT SCHOOL DISTRICT	IN/A		(4006)		φ0,000,120
NA HOMAL RESOURCE CENTERS FROGRAM FOR FOREIGN LANGUAGE AND AREA STUDIES OR FOREIGN LANGUAGE AND INTERNATIONAL STUDIES OVERSEAS PROGRAMS - DOCTORAL DISSERTATION RESEARCH ABROAD	84.015	UNIVERSITY OF MAINE AT ORONO	UMS985		\$103,664		\$103,664
	84.022			\$16,157			\$16,157
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000166995	• • • • •	\$0		• • • •
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000176995		\$20,962	\$12,136	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000186995		\$93,529	ψ12,100	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000176010		\$13,164		
	84.048	NYS EDUCATION DEPARTMENT			\$246,352		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES		NYS EDUCATION DEPARTMENT	8000186010				
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048		8000176060		\$6,767		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000186060		\$97,307		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000176100		(\$386)		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000186100		\$101,788		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000176130		\$977		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000186130		\$146,780		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000176890		\$2,501		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000186890		\$61,569		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000176870		\$39,228		
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000186870		\$140,378		\$970,916
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116			\$701,262	•	\$236,937	+
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116			\$603,614		φ200,001	\$1,304,876
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO	04.110	NYS OFFICE OF CHILDREN AND FAMILY		\$005,014			\$1,504,670
STATES	84.126	SERVICES	C005307		\$25,139		
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO	04.120	NYS OFFICE OF CHILDREN AND FAMILY	000007		φ <u>2</u> 0,139		
STATES	84.126	SERVICES	C005310		\$21,393		
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO	04.120	NYS OFFICE OF CHILDREN AND FAMILY	0003510		φ21,000		
	84.126	SERVICES	N/A		\$538,999		
STATES	04.120	NYS OFFICE OF CHILDREN AND FAMILY	IN/A		4000,999		
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO	04 400		6026802		64 440		
STATES	84.126	SERVICES	C026892		\$1,442		
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO	84.126	NYS EDUCATION DEPARTMENT NYS OFFICE OF CHILDREN AND FAMILY	C011548		\$106,968		
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO			0.000075		(0.1		
STATES	84.126	SERVICES	C026875		(\$1,762)		
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO		NYS OFFICE OF CHILDREN AND FAMILY					
STATES	84.126	SERVICES	C026875		\$142,334		
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO		NYS OFFICE OF CHILDREN AND FAMILY					
STATES	84.126	SERVICES	C027439		(\$380)		
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO		NYS OFFICE OF CHILDREN AND FAMILY					
STATES	84.126	SERVICES	TBD		(\$368)		
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO		NYS OFFICE OF CHILDREN AND FAMILY					
STATES	84.126	SERVICES	C027980		\$23,369		\$857,134
MIGRANT EDUCATION COORDINATION PROGRAM	84.144	FLORIDA DEPARTMENT OF EDUCATION	9861167T7P001		\$20,898		
MIGRANT EDUCATION COORDINATION PROGRAM	84.144	FLORIDA DEPARTMENT OF EDUCATION	9861168T8P001		\$47,952		
MIGRANT EDUCATION COLLEGE ASSISTANCE MIGRANT PROGRAM	84.149			\$438,310			\$507,160
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	GENESEE VALLEY BOCES	NA	• · · · · · · ·	\$1,051		+
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	GENESEE VALLEY BOCES	N/A		\$936		
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	GENESEE VALLEY BOCES	N/A		\$3,127		
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	GENESEE VALLEY BOCES	N/A		\$492		
		GENESEE VALLEY BOCES					¢10.004
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	JEINEGEE VALLET DUGES	N/A	\$100 cc=	\$7,615		\$13,221
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			\$193,395			
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			\$184,434			
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			\$133,252			
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			\$231,158			\$742,239
REHABILITATION TRAINING STATE VOCATIONAL REHABILITATION UNIT IN-	84.265	NYS EDUCATION DEPARTMENT	C012263		\$26,876		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
REHABILITATION TRAINING_STATE VOCATIONAL REHABILITATION UNIT IN-	04.005	NYS EDUCATION DEPARTMENT	6010060		\$54,050		604 525
SERVICE TRAINING TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.265 84.287	CITY SCHOOL DISTRICT OF ALBANY	C012263 n/a		\$54,659 \$1,305		\$81,535
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	LACKAWANNA CITY SCHOOL DISTRICT	N/A		\$442		
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	NYS EDUCATION DEPARTMENT	C403011 0187187065		\$187,269	\$45,000	
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	HORNELL CITY SCHOOL DISTRICT	N/A			\$45,000	
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	HORNELL CITY SCHOOL DISTRICT	N/A N/A		(\$5,024) \$943		
						6400.000	
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	NYS EDUCATION DEPARTMENT	C402121 0187176058		\$112,148	\$102,032	\$004 000
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	NYS EDUCATION DEPARTMENT	C402120 0187176057	A (A A A A A A A A A A	\$84,553	\$74,437	\$381,636
INDIAN EDUCATION SPECIAL PROGRAMS FOR INDIAN CHILDREN	84.299	TEACHERS COLLEGE COLUMBIA		\$166,220			\$166,220
	04.005		511100		611.010		644.040
"EDUCATION RESEARCH	84.305	UNIVERSITY	511139		\$11,910		\$11,910
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323	NYS EDUCATION DEPARTMENT	MOU015022		\$6,753	A A B A A A	
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323	NYS EDUCATION DEPARTMENT	MOU015022		\$407,342	\$65,041	
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323	NYS EDUCATION DEPARTMENT	MOU015022		\$194,070		\$608,165
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE							
SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325			\$378			
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE							
SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325			\$261,837			
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE							
SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325			\$189,777			
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE		RESEARCH FOUNDATION OF CITY					
SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325	UNIVERSITY OF NEW YORK	CM00000796 00		\$237		\$452,229
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE		NYS HIGHER EDUCATION SERVICES					
PROGRAMS	84.334	CORPORATION	T112363		\$32,000		
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE		NYS HIGHER EDUCATION SERVICES					
PROGRAMS	84.334	CORPORATION	T112346		(\$108)		
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE		NYS HIGHER EDUCATION SERVICES			,		
PROGRAMS	84.334	CORPORATION	HES01 C12336GG 3310200		\$10,925		
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE		NYS HIGHER EDUCATION SERVICES					
PROGRAMS	84.334	CORPORATION	HES01 C12336GG 3310200		\$111,965		
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE		NYS HIGHER EDUCATION SERVICES					
PROGRAMS	84.334	CORPORATION	C003043		\$129,092		\$283,874
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	84.335			\$99,986			\$99,986
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365			\$80,721			
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365			\$168,358			\$249,079
		CHEEKTOWAGA CENTRAL SCHOOL		•••••			+=,
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	DISTRICT	NA		\$2,319		
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	BUFFALO CITY SCHOOL DISTRICT	F0005F21440SA16		(\$1)		
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	BUFFALO CITY SCHOOL DISTRICT	F0005F21440SA17		\$9,942		\$12,260
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY	04.000	NATIONAL WRITING PROJECT	100001214400/11		ψ0,042		ψ12,200
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	CORPORATION	04NY10SEED2016		\$2,101		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY	04.007		0410110322010		ψ2,101		
IMPROVING TEACHER QUALITY STATE GRANTS	84.367	NYS EDUCATION DEPARTMENT	C402711		\$92,773	\$80,592	
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY	04.307	NATIONAL WRITING PROJECT	C402711		φ <u>92</u> ,113	\$60,59Z	
	84.367	CORPORATION	04NY10SEED2017ILI		\$13,445		
IMPROVING TEACHER QUALITY STATE GRANTS)	64.367	CORPORATION	04NT10SEED2017ILI		\$13,445		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY	04.007		0.400744		£ 40.007	60 704	
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402711		\$46,227	\$3,704	
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY							
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	0247170030 C402717		\$237,756	\$160,480	
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY							
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	0247180030 C402717		\$149,672	\$21,700	
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY							
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402702 0247170101		\$41,237		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY							
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402702		\$210,214		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY							
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402706 0247170020		\$36,577		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY		NYS EDUCATION DEPARTMENT	C402706 0247180020		\$156.609		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402706 0247180020		\$156,609		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY		NYS EDUCATION DEPARTMENT	C402706 0247180020 C402708 0247170022		\$156,609 \$102,308		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY	number	NATIONAL WRITING PROJECT	r ass-till ough humber	experiatures	experiatures	to Subrecipients	rederal grantoi
IMPROVING TEACHER QUALITY STATE GRANTS) SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY	84.367	CORPORATION	08NY14SEED2017ILI		\$1,653		
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402708 0247180022		\$98,917		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS) SUPPORTING TEFECTIVE INSTRUCTION STATE CRANTS (FORMELY	84.367	NYS EDUCATION DEPARTMENT	C402714 0247170026		\$40,372		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS) SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY	84.367	NYS EDUCATION DEPARTMENT NATIONAL WRITING PROJECT	C402714 0247180026		\$59,048		
IMPROVING EFFECTIVE INSTRUCTION STATE GRANTS) SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY	84.367	CORPORATION NATIONAL WRITING PROJECT	01NY09SEED2017CRWPPD		\$17,101		
IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	CORPORATION	01NY09SEED2017ILI		\$9,306		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	0247160104 C402700		(\$31)		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402716 0247170027		\$119,855		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	0247170104 C402700		\$123,315		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402700		\$142,981		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	C402716 0247180027		\$271,716		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	0247170028 C402709		\$29,133		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NYS EDUCATION DEPARTMENT	0247180028 C402709		\$102,623		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	BANK STREET COLLEGE OF EDUCATION BANK STREET COLLEGE OF	1123992879		\$5,610		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMELY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	EDUCATION BUFFALO CITY SCHOOL DISTRICT	1123992883		\$15,385	¢25,025	\$2,125,903
SCHOOL IMPROVEMENT GRANTS SCHOOL IMPROVEMENT GRANTS	84.377 84.377	BUFFALO CITY SCHOOL DISTRICT	F04A20440DK17 F2074A20440KD18		\$29,337 \$84,670	\$25,025 \$80,670	
SCHOOL IMPROVEMENT GRANTS	84.377	ROCHESTER CITY SCHOOL DISTRICT	2017002608		\$1		
SCHOOL IMPROVEMENT GRANTS SCHOOL IMPROVEMENT GRANTS	84.377 84.377	ROCHESTER CITY SCHOOL DISTRICT SYRACUSE CITY SCHOOL DISTRICT	NA PO SCSD10000038923		\$190,421 \$29,807		\$334,236
Total Department of Education:	04.377	STRACESE CITT SCHOOL DISTRICT	FO 3C3D1000038923	\$3,508,928	\$14,971,878	\$1,141,615	\$18,480,806
Department of Health and Human Services:				\$3,300,320	ψ14,371,070	ψ1,141,013	\$10,400,000
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			\$25,704			
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			\$6,196,052			
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			\$1,755,219			
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	PUBLIC HEALTH SOLUTIONS	N/A	\$1,755,215	(\$38,549)		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	PUBLIC HEALTH SOLUTIONS PUBLIC HEALTH SOLUTIONS NYS OFFICE OF CHILDREN AND FAMILY	N/A N/A		(\$38,549) (\$7,468)		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		\$4,027,475		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		\$761,097		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		\$1,142,445	\$31,804	
DEPARTMENT OF HEALTH AND HUMAN SERVICES HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH	93.000	SERVICES	TBD		\$397,885		\$14,259,860
EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE HOSPITAL PREPAREDNESS (PHEP) ALIGNED COOPERATIVE	93.074	PUBLIC HEALTH SOLUTIONS	14RFS03 / 76603		\$22,345		
EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE HOSPITAL PREPAREDNESS (PHEP) ALIGNED COOPERATIVE	93.074	PUBLIC HEALTH SOLUTIONS	14RFS01 / 76603		\$44,631		
EMERGENCY PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH HOSPITAL PREPAREDNESS (PHEP) ALIGNED COOPERATIVE	93.074	PUBLIC HEALTH SOLUTIONS	14PHS04		\$6,500		
EMERGENCY PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH	93.074	PUBLIC HEALTH SOLUTIONS	14RFS01 / 76605		\$5,168		
EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH	93.074	PUBLIC HEALTH SOLUTIONS	17RFS02 76606		\$55,049		
EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE	93.074	PUBLIC HEALTH SOLUTIONS	17RFS01 / 76606		\$50,084		

	CFDA	Dana Abasanti Entita Mana	Deep deep view in the second second	Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name	Pass-through number	expenditures	expenditures	to Subrecipients	federal granto
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH	93.074	HEALTH RESEARCH INC	285712		\$5,041		
MERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH	93.074	HEALTH RESEARCH INC	486903		\$885		
MERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S	93.074	HEALTH RESEARCH INC ERIE COUNTY DEPARTMENT OF	486904		\$38,240		\$227,94
HEALTH	93.088	HEALTH NYS OFFICE OF CHILDREN AND FAMILY	NA		\$19,375		\$19,37
GUARDIANSHIP ASSISTANCE	93.090	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005307		\$490		
GUARDIANSHIP ASSISTANCE	93.090	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005309		\$479		
GUARDIANSHIP ASSISTANCE	93.090	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027438		(\$1,368)		
GUARDIANSHIP ASSISTANCE	93.090	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$21)		
GUARDIANSHIP ASSISTANCE	93.090	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		\$1,132		
GUARDIANSHIP ASSISTANCE	93.090	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027979 FA01 FA03		\$93,492	\$9,090	
SUARDIANSHIP ASSISTANCE AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION	93.090	SERVICES	C023001		\$2		\$94,20
PROGRAM	93.092	NYS DEPARTMENT OF HEALTH	C027452		(\$309)		
AFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION	93.092	NYS DEPARTMENT OF HEALTH	DOH01C32087GG3450000		\$165,272		
ROGRAM IFFORDABLE CARE ACT (ACA) HEALTH PROFESSION OPPORTUNITY	93.092	NYS DEPARTMENT OF HEALTH ACTION FOR A BETTER COMMUNITY	DOH01C32087GG3450000		\$136,745		\$301,70
SPANTS SPANTS IFFORDABLE CARE ACT (ACA) HEALTH PROFESSION OPPORTUNITY	93.093	INCORPORATED ACTION FOR A BETTER COMMUNITY	90FX0055		\$1,493		
ODD AND DRUG ADMINISTRATION RESEARCH	93.093	INCORPORATED	90FX0055		\$58,573		\$60,06
	93.103			\$15,337			\$15,33
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN VITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	RESEARCH FOUNDATION FOR MENTAL HYGIENE	129942		\$78,320		
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN VITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	CAYUGA COUNTY COMMUNITY MENTAL HEALTH	N/A		\$59,816		
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN VITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	RESEARCH FOUNDATION FOR MENTAL HYGIENE	129942		\$291,457		
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN VITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	CAYUGA COUNTY COMMUNITY MENTAL HEALTH	N/A		\$111,929		\$541,52
AREA HEALTH EDUCATION CENTERS	93.104	HEALIH	N/A	\$437,229	φ111,929	\$328,435	φ 041,0 2
AREA HEALTH EDUCATION CENTERS	93.107			\$631,153		\$442,676	\$1,068,38
ATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			\$695			
ATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			\$65,833			
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			\$5,088			
IATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS IATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS REVENTIVE MEDICINE AND PUBLIC HEALTH RESIDENCY TRAINING	93.110 93.110	UNIVERSITY OF ROCHESTER UNIVERSITY OF ROCHESTER	416913 417158		\$2,812 \$14,211		\$88,6
ROGRAM ROGRAM PREVENTIVE MEDICINE AND PUBLIC HEALTH RESIDENCY TRAINING	93.117			\$54,319			
PREVENTIVE MEDICINE AND PUBLIC HEALTH RESIDENCY TRAINING PROGRAM	93.117			\$210,128			\$264,4
IURSE ANESTHETIST TRAINEESHIP	93.124			\$25,153			\$25,1
NJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	HEALTH RESEARCH INC	15084702		\$13,656		
NJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	HEALTH RESEARCH INC	565601		\$60,102		
NJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	HEALTH RESEARCH INC	548701		\$58,615		
NJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	HEALTH RESEARCH INC	563001		\$80,023		
NJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	HEALTH RESEARCH INC	5630-02		\$26,234		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND	00.400	HEALTH RESEARCH INC	5010.01		6 00 400		\$005 400
COMMUNITY BASED PROGRAMS	93.136		5612-01		\$26,490		\$265,120
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142	RUTGERS UNIVERSITY	8284PO440685		\$20,137		
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142	RUTGERS UNIVERSITY	8284/PO440684		\$8,551		
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142	RUTGERS UNIVERSITY	8353PO675175		\$51,323		
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142	RUTGERS UNIVERSITY	8353PO675139		\$21,529		\$101,540
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145			\$21,681			
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145			\$290,214			
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145	COLUMBIA UNIVERSITY	1GG01189702 G11255		\$7,102		
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145	COLUMBIA UNIVERSITY	1(GG011897-03)		\$150,472		\$469,469
"COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN	93.153			\$162,146			
"COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN	93.153			\$730,526			
"COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN	93.153			\$95,734		\$27,966	
"COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN	93.153			\$278,476		\$69,521	\$1,266,882
NATIONAL RESEARCH SERVICE AWARD IN PRIMARY CARE MEDICINE	93.186			\$287,045			\$287,045
GRANTS TO STATES TO SUPPORT ORAL HEALTH WORKFORCE ACTIVITIES	93.236	HEALTH RESEARCH INC	579701		\$10,373		
GRANTS TO STATES TO SUPPORT ORAL HEALTH WORKFORCE ACTIVITIES							•
	93.236	HEALTH RESEARCH INC	N/A		\$30,701		\$41,074
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF							
REGIONAL AND NATIONAL SIGNIFICANCE	93.243			\$70,033			
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF							
REGIONAL AND NATIONAL SIGNIFICANCE	93.243			\$211,772			
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			\$124,684			
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	00.040			\$005 007			
REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	93.243			\$205,927			
REGIONAL AND NATIONAL SIGNIFICANCE	93.243			\$239,860			
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF		ERIE COUNTY DEPARTMENT OF					
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	MENTAL HEALTH	1686MH		\$78,377		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF		BESTSELF BEHAVIORAL HEALTH					
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	INCORPORATED	N/A		\$49,712		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF		ERIE COUNTY DEPARTMENT OF					
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	MENTAL HEALTH	18347MH		\$120,367		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF							
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	UNIVERSITY OF TENNESSEE	8500047014		\$1,369		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	00.210	NYS OFFICE OF ALCOHOLISM	0000011011		\$1,000		
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	SUBSTANCE ABUSE SERVICES	NA		\$63,033		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF	30.240	NYS OFFICE OF ALCOHOLISM			φ00,000		
REGIONAL AND NATIONAL SIGNIFICANCE	93.243	SUBSTANCE ABUSE SERVICES	NA		\$51,357		\$1,216,491
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.243	CODOTANCE ABOOL CLAMOLO	NA	\$296,135	ψ01,007		φ1,210,431
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247			\$350,103			\$646,238
POISON CENTER SUPPORT AND ENHANCEMENT GRANT PROGRAM	93.247			\$123,443			φ040,230
	93.253 93.253						\$000 F70
POISON CENTER SUPPORT AND ENHANCEMENT GRANT PROGRAM			0501100	\$265,133	\$00 F 40		\$388,576
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268	ONONDAGA COUNTY	35014R3	0 04 00 7	\$28,548		\$28,548
DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	93.276			\$31,897			
DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	93.276			\$88,832			\$120,729
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS		ASSOCIATION OF SCHOOLS OF PUBLIC					
AND TECHNICAL ASSISTANCE	93.283	HEALTH	U36OE00002		\$87,251		\$87,251
NATIONAL CENTER FOR HEALTH WORKFORCE ANALYSIS	93.300			\$207,458		\$34,309	\$207,458
TRANS-NIH RESEARCH SUPPORT	93.310	TRUSTEES OF BOSTON COLLEGE	51019638		\$1,836		
TRANS-NIH RESEARCH SUPPORT	93.310	UNIVERSITY OF NEW MEXICO CHRISTOPHER AND DANA REEVE	NA		\$4,411		\$6,247
PARALYSIS RESOURCE CENTER	93.325	FOUNDATION	NA		\$11,000		\$11,000
ADVANCED EDUCATION NURSING TRAINEESHIPS	93.358			\$136,414			
ADVANCED EDUCATION NURSING TRAINEESHIPS	93.358			(\$1,282)			
ADVANCED EDUCATION NURSING TRAINEESHIPS	93.358			(\$5,158)			\$129.974
"NURSE EDUCATION	93.359			\$2,023			÷.20,07.1
"NURSE EDUCATION	93.359			\$296,421			
"NURSE EDUCATION	93.359			\$365,628			
"NURSE EDUCATION	93.359	NORTHEASTERN UNIVERSITY	P1703489 500501-78050	ψ303,028	\$967		
NURSE EDUCATION	93.359	NORTHEASTERN UNIVERSITY	500538-78050		\$45.127		\$710,166
HOROL EDUCATION	33.339		555530-70050		φ 4 0,1∠7		φ/10,100

	CFDA			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name CHILDREN'S HOSPITAL OF	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
CANCER TREATMENT RESEARCH	93.395	PHILADELPHIA	AHOD1331 -U10CA098543		\$17,484		
CANCER TREATMENT RESEARCH	93.395	NRG ONCOLOGY FOUNDATION INC	na		\$5,135		
CANCER TREATMENT RESEARCH	93.395	BRIGHAM AND WOMENS HOSPITAL	A041202		\$9		
		CHILDREN'S HOSPITAL OF					
CANCER TREATMENT RESEARCH	93.395	PHILADELPHIA NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH	COG AAML1031-Bayer Healthcare		\$516		\$23,144
ACL ASSISTIVE TECHNOLOGY	93.464	SPECIAL NEEDS NYS COMM ON QUAL CARE AND ADV	JUS01C10007GG1420000 TR7GG		\$54,082		
ACL ASSISTIVE TECHNOLOGY	93.464	FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV	N/A		\$1		
ACL ASSISTIVE TECHNOLOGY	93.464	FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV	JUS01C10008GG1420000		\$33,234		
ACL ASSISTIVE TECHNOLOGY	93.464	FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV	N/A		\$36,518		
ACL ASSISTIVE TECHNOLOGY	93.464	FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV	JUS01C10008GG1420000		\$5,113		
ACL ASSISTIVE TECHNOLOGY STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE	93.464	FOR PERSONS WITH DIS COMMUNITY SERVICE SOCIETY OF	N/A		\$236		\$129,184
CARE ACT (ACA)A??S EXCHANGES	93.525	NEW YORK	N/A		\$47,466		
STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)A??S EXCHANGES	93.525	COMMUNITY SERVICE SOCIETY OF NEW YORK	C028904		\$115,871		\$163,337
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005051		(\$4,947)		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005281		\$463,114		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005082		\$774,629		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005286		\$171,145		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005307		\$64,234		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005310		\$59,001		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005380		\$444,907		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005377		\$719,639		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005376		\$115,342		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027447		(\$234)		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027440		(\$1,896)		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021758		\$15,041		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		(\$1,477)		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021952		\$405,494		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021958		\$77,684		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	NA		\$12,854		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	NA		\$8,196		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001		\$237		\$3,322,963
		NYS OFFICE OF CHILDREN AND FAMILY					\$5,0 <u>22</u> ,000
	93.568	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005307		\$29,709		
	93.568	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005310		\$17,918		
LOW-INCOME HOME ENERGY ASSISTANCE	93.568	SERVICES	C027447		(\$95)		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
LOW-INCOME HOME ENERGY ASSISTANCE	93.568	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027440		(\$770)		
LOW-INCOME HOME ENERGY ASSISTANCE	93.568	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		(\$611)		
LOW-INCOME HOME ENERGY ASSISTANCE	93.568	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C023001		\$99		\$46,250
REFUGEE AND ENTRANT ASSISTANCE_DISCRETIONARY GRANTS	93.576	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005307		\$1,714		
REFUGEE AND ENTRANT ASSISTANCE_DISCRETIONARY GRANTS	93.576	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005310		\$7,426		\$9,140
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005270		\$67,816		
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590	SERVICES	C005362		\$204,373		\$272,189
HEAD START	93.600			(\$9,634)			(\$9,634)
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630	NYS DEVELOPMENTAL DISABILITIES PLANNING COUNCIL	C024319		\$167,476		\$167,476
SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	NA		\$170		\$170
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648	SERVICES	1973	(\$1,000)	\$170	(\$1,000)	φιισ
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648			\$2,467,761		\$2,255,037	
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648			\$2,419,122		\$1,946,650	\$4,885,883
		NYS OFFICE OF CHILDREN AND FAMILY					
FOSTER CARE_TITLE IV-E	93.658	SERVICES	C005059		(\$60)		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005183		(\$77)		
FOSTER CARE_TITLE IV-E	93.658	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005332		\$15,935		
FOSTER CARE_TITLE IV-E	93.658	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005307		\$75,824		
FOSTER CARE_TITLE IV-E	93.658	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005309		\$8,700		
FOSTER CARE_TITLE IV-E	93.658	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005317		\$104,867		
FOSTER CARE_TITLE IV-E	93.658	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	T005312		\$4,886		
FOSTER CARE_TITLE IV-E	93.658	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005310		\$165,420		
FOSTER CARE TITLE IV-E	93.658	SERVICES	N/A		\$681,320		
FOSTER CARE_TITLE IV-E FOSTER CARE_TITLE IV-E	93.658	STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND FAMILY SERVICES	NA C027442		\$7,532	\$4,861	
FOSTER CARE_TITLE IV-E	93.658 93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027443		\$1,695 \$58		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027444		(\$147)		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027447		(\$1,449)		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027440		(\$2,092)		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027441		(\$616)		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027448		\$312		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027439		(\$1,651)		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027438		(\$2,618)		
FOSTER CARE_TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C02746		(\$5,969)		
FOSTER CARE_TITLE IV-E	93.658	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$3,792)		
FOSTER CARE_TITLE IV-E	93.658	SERVICES	TBD		(\$3,314)		

\$1,586,693
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\$1,586,693
\$4,242,663

	CFDA	Describerant Failur Name	Providence and an	Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through Entity Name NYS OFFICE OF CHILDREN AND FAMILY	Pass-through number	expenditures	expenditures	to Subrecipients	federal grantor
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005313		\$984,380		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES ALBANY COUNTY DEPARTMENT FOR	T005312		\$26,352		
SOCIAL SERVICES BLOCK GRANT	93.667	CHILDREN YOUTH AND FAMILIES NYS OFFICE OF CHILDREN AND FAMILY	N/A		\$10,238		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C005305		\$324,175	\$241,828	
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES ALBANY COUNTY DEPARTMENT FOR	N/A		\$21,587		
SOCIAL SERVICES BLOCK GRANT	93.667	CHILDREN YOUTH AND FAMILIES	N/A		\$13,198		
SOCIAL SERVICES BLOCK GRANT	93.667	STONY BROOK UNIVERSITY	C002041		\$45,712		
SOCIAL SERVICES BLOCK GRANT	93.667	STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND FAMILY	NA		\$128,448	\$82,905	
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027442		\$11,566		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027445		(\$57,276)		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027443		\$388		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027444		(\$956)		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027447		(\$7,748)		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027441		(\$2,760)		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027448		\$1,997		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$17,348)		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	TBD		(\$59,513)		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027961 CC02 CC03 SPD01 28838		\$2,389,129	\$91,898	
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF CHILDREN AND FAMILY	C027967 CC15 CC18 CC35		\$481,171		
SOCIAL SERVICES BLOCK GRANT	93.667	SERVICES NYS OFFICE OF TEMPORARY &	C027980		\$51,137		
SOCIAL SERVICES BLOCK GRANT	93.667	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C000196		\$5,015		
SOCIAL SERVICES BLOCK GRANT	93.667	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C021087		\$3,567		
SOCIAL SERVICES BLOCK GRANT	93.667	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C021652		\$5,594		
SOCIAL SERVICES BLOCK GRANT	93.667	DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C021645		\$33,888		
SOCIAL SERVICES BLOCK GRANT	93.667	DISABILITY ASSISTANCE ERIE COUNTY DEPARTMENT OF	C021754		\$7,424		
SOCIAL SERVICES BLOCK GRANT	93.667	SOCIAL SERVICES ERIE COUNTY DEPARTMENT OF	ED3498		\$21,128		
SOCIAL SERVICES BLOCK GRANT	93.667	SOCIAL SERVICES ONTARIO COUNTY DEPARTMENT OF	ED3496		\$9,803		
SOCIAL SERVICES BLOCK GRANT	93.667	SOCIAL SERVICES ERIE COUNTY DEPARTMENT OF	N/A		\$13,087		
SOCIAL SERVICES BLOCK GRANT	93.667	SOCIAL SERVICES	ED3753		\$4,065		
SOCIAL SERVICES BLOCK GRANT	93.667	DUTCHESS COUNTY DEPARTMENT OF COMMUNITY AND FAMILY SERVICES	N/A		\$21,170		
SOCIAL SERVICES BLOCK GRANT	93.667	ONTARIO COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A		\$15,396		
	00.007	DUTCHESS COUNTY DEPARTMENT OF			φ10,000		
SOCIAL SERVICES BLOCK GRANT	93.667	COMMUNITY AND FAMILY SERVICES	N/A		\$28,683		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
SOCIAL SERVICES BLOCK GRANT	93.667	ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	ED3976		\$7,415		
SOCIAL SERVICES BLOCK GRANT	93.667	ONTARIO COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A		\$16,996		
SOCIAL SERVICES BLOCK GRANT	93.667	DUTCHESS COUNTY DEPARTMENT OF COMMUNITY AND FAMILY SERVICES	N/A		\$27,805		
SOCIAL SERVICES BLOCK GRANT	93.667	ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	ED4230		\$46,488		
SOCIAL SERVICES BLOCK GRANT	93.667	ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	ED4231		\$211,755		
SOCIAL SERVICES BLOCK GRANT	93.667	ONTARIO COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A		\$40,525		
	02.007	DUTCHESS COUNTY DEPARTMENT OF COMMUNITY AND FAMILY SERVICES	N/A		PCC 044		
SOCIAL SERVICES BLOCK GRANT	93.667	ERIE COUNTY DEPARTMENT OF	N/A		\$66,914		
SOCIAL SERVICES BLOCK GRANT	93.667	SOCIAL SERVICES ONTARIO COUNTY DEPARTMENT OF SOCIAL SERVICES	ED4447		\$871,870		
SOCIAL SERVICES BLOCK GRANT	93.667	DUTCHESS COUNTY DEPARTMENT OF	N/A		\$16,767		
SOCIAL SERVICES BLOCK GRANT	93.667	COMMUNITY AND FAMILY SERVICES	N/A		\$28,175		\$6,354,600
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732			\$208,359			
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732			\$162,406			
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732			\$265,522			\$636,287
	00 757	FUND FOR PUBLIC HEALTH IN NEW YORK	000500		6 44 000		
"STATE AND LOCAL PUBLIC HEALTH ACTIONS TO PREVENT OBESITY	93.757	FUND FOR PUBLIC HEALTH IN NEW	C82580		\$41,000		
"STATE AND LOCAL PUBLIC HEALTH ACTIONS TO PREVENT OBESITY	93.757	YORK	82821		\$7,666		\$48,666
EVIDENCE-BASED FALLS PREVENTION PROGRAMS FINANCED SOLELY BY					• • • •		
PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.761	HEALTH RESEARCH INC	15082501		\$64,036		\$64,036
CHILDREN'S HEALTH INSURANCE PROGRAM	93.767	NYS DEPARTMENT OF HEALTH	NA		(\$3,910)		(\$3,910)
"CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH	93.779	NYS DEPARTMENT OF HEALTH NYS DEPARTMENT OF SOCIAL	N/A		\$18,042		
"CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH	93.779	SERVICES NYS OFFICE FOR PEOPLE WITH DEV	N/A		\$571		
"CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH	93.779	DISABILITIES	N/A		\$208,997		
"CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH	93.779	NYS DEPARTMENT OF HEALTH	N/A		\$32,752		
"CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH	93.779	NYS DEPARTMENT OF HEALTH NYS OFFICE FOR PEOPLE WITH DEV	N/A		\$39,267		
"CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH	93.779	DISABILITIES NYS OFFICE FOR PEOPLE WITH DEV	N/A		\$34,637		
"CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH	93.779	DISABILITIES	N/A		\$28,855		
"CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH	93.779	NYS DEPARTMENT OF HEALTH RESEARCH FOUNDATION FOR MENTAL	N/A		\$73		\$363,194
OPIOID STR	93.788	HYGIENE RESEARCH FOUNDATION FOR MENTAL	133572		\$237,743		1 0 - 000
OPIOID STR CARDIOVASCULAR DISEASES RESEARCH	93.788 93.837	HYGIENE DUKE UNIVERSITY	138074 200464-IR723SITE		\$20,089 (\$11,396)		\$257,832
CARDIOVASCULAR DISEASES RESEARCH	93.837	DUKE UNIVERSITY RESEARCH FOUNDATION OF CITY	177494/218214/226028		\$427		
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF NEW YORK	CM000050400		\$4,764		(\$6,205)
"DIABETES	93.847	MOUNT SINAI SCHOOL OF MEDICINE	025538414605		\$2,086		
"DIABETES	93.847	AMERICAN GASTROENTEROLOGICAL ASSOCIATION	004		\$3,385		\$5,471
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	55.047	ACCOUNTION			φ0,000		φ0,471
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	MASSACHUSETTS GENERAL HOSPITAL	NN102 SPRINT-MS		\$19,371		
NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND	93.853	MASSACHUSETTS GENERAL HOSPITAL	NN105		\$11,877		
NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL	NN106		\$8		\$31,256
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		CRACKLE II		\$10,361		\$10,361
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF DELAWARE	48598		\$37,602		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	FAST TRACK DRUGS & BIOLOGICS LLC	HHSN27500008-NCIG7-SBUMC		\$15,068		\$52,670
AGING RESEARCH	93.866	NYS OFFICE FOR THE AGING	C150040		\$254,551	\$53,080	\$254,551
MEDICAL LIBRARY ASSISTANCE	93.879	UNIVERSITY OF PITTSBURGH	0050256(129197-21)		\$4,323		\$4,323
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884			\$490,665		\$20,692	
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884			\$142,575			
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884 93.884			\$31,521 \$41,272			
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884			\$200,882			
	55.004	PRESIDENT AND FELLOWS OF		ψ200,002			
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884	HARVARD COLLEGE	158269 5103415 0203		\$27,082		\$933,997
HEALTH CARE AND OTHER FACILITIES	93.887			(\$35)			(\$35)
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	15724		(\$2)		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	15725		\$312		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	16725		\$56		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	16724		\$0		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	SOUTHAMPTON HOSPITAL	NA		\$303		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	17725		\$123,848		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	17724		\$94,243		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND SOUTHAMPTON HOSPITAL	17-9800		\$4,999		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	NA		\$7,615		
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914	UNITED WAY OF LONG ISLAND	17725 NA		\$28,877 \$21,257		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914	PUBLIC HEALTH SOLUTIONS	10MCM364		\$21,257 \$543,617		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	15SCG364		\$225,476		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	16HRM364		\$328,310		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	16HRM364		\$161,102		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	15SCG364		\$104,305		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	10MCM364		\$245,596		
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	AIDS UNITED	U69HA310670100		\$1,599		\$1,891,513
HIV CARE FORMULA GRANTS	93.917	HEALTH RESEARCH INC	4898-03		(\$488)		
HIV CARE FORMULA GRANTS	93.917	HEALTH RESEARCH INC	5090-02		(\$2,842)		
HIV CARE FORMULA GRANTS	93.917	HEALTH RESEARCH INC	489804		\$102,306		
HIV CARE FORMULA GRANTS	93.917	HEALTH RESEARCH INC	5090-03		\$94,600		
HIV CARE FORMULA GRANTS	93.917	HEALTH RESEARCH INC	489804		\$6,256		
HIV CARE FORMULA GRANTS	93.917	HEALTH RESEARCH INC	5090-04		\$26,284		\$226,116
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918			(\$366)			
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918			\$55,284			
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918			\$682,828		\$19,151	
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH				6- / - / / 0			A
RESPECT TO HIV DISEASE	93.918			\$515,446		£04.005	\$1,253,192
SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE	93.928 93.940	HEALTH RESEARCH INC	567801	\$77,429	\$20,000	\$34,225	\$77,429
HIV PREVENTION ACTIVITIES HEALTH DEPARTMENT BASED HIV PREVENTION ACTIVITIES HEALTH DEPARTMENT BASED	93.940 93.940	HEALTH RESEARCH INC	571901		\$20,000 \$5.000		
HIV PREVENTION ACTIVITIES HEALTH DEPARTMENT BASED	93.940	HEALTH RESEARCH INC	5668-01		\$44,206		\$69,206
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND	55.540		3000 01		φ 11 ,200		φ03,200
CONTROL	93.945	HEALTH RESEARCH INC	15-00678-05 15-0793-04		\$48,702		
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND					+ · · · · · · -		
CONTROL	93.945	HEALTH RESEARCH INC CLINTON COUNTY OFFICE FOR THE	520803		\$3,479		\$52,181
PPHF GERIATRIC EDUCATION CENTERS	93.969	AGING CLINTON COUNTY OFFICE FOR THE	N/A		\$15,258		
PPHF GERIATRIC EDUCATION CENTERS SEXUALLY TRANSMITTED DISEASES (STD) PREVENTION AND CONTROL	93.969	AGING	N/A		\$3,574		\$18,832
GRANTS	93.977	HEALTH RESEARCH INC	375009		\$104,481		\$104,481
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	C030520		\$22,412		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES							
	93.994	NYS DEPARTMENT OF HEALTH	C030520		\$79,002		

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through Entity Name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to Subrecipients	Total expenditures by CFDA and federal grantor
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES							
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	C026997		\$99		
WATERINAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93,994	NYS DEPARTMENT OF HEALTH	C027551		\$821		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES							
	93.994	NYS DEPARTMENT OF HEALTH	C026816		\$368,501	\$293,554	
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	DOH01-C32134GG-3450000		\$201.990		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NTS DEPARTMENT OF HEALTH	DOH01-C32134GG-3450000		\$201,990		
	93.994	NYS DEPARTMENT OF HEALTH	DOH01-C32361GG-3450000		\$49,764		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES							
	93.994	NYS DEPARTMENT OF HEALTH	DOH01-C32134GG-3450000		\$156,930		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	C022474		\$833		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	33.334	NTO DEL ARTIMENT OF HEALTH	6022474		4000		
	93.994	NYS DEPARTMENT OF HEALTH	C022457A		\$13,783		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES							
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	DOH01C32413GG3450000		\$30,265		
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93,994	STATE UNIVERSITY OF NEW YORK	C003166		\$672,852		\$1,597,252
Total Department of Health and Human Services:	55.554		0000100	\$22,047,092	\$30,040,108	\$6,284,593	\$52,087,200
Corporation for National and Community Service:							
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002			\$38,992			
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002			\$15,611			\$54,603
Total Corporation for National and Community Service: Agency for International Development:				\$54,603	\$0	\$0	\$54,603
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001			\$1,196,293		\$19.475	
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001			\$1,103,205		\$117.639	
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001			\$9,201,094		\$1,449,761	
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001			\$600		••••••••	
							•
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	CROWN AGENTS USA INCORPORATED	ZIMSUNY2017	\$11,501,192	\$58,713 \$58,713	\$1.586.875	\$11,559,905 \$11,559,905
Total Agency for International Development: TOTAL OTHER PROGRAMS:				\$47,198.664	\$50,638,618	\$13,109,891	\$97,837,282
				\$11,100,004	\$55,000,010	\$10,100,001	\$01,001,202
				* 200 000 CCC	\$100 000 ITC	ATT 700 615	¢500 700 400
TOTAL EXPENDITURE OF FEDERAL AWARDS:				\$399,388,690	\$139,333,473	\$77,732,815	\$538,722,163

THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK

Notes to the Schedule of Expenditures of Federal Awards

Year ended June 30, 2018

(1) Significant Accounting Policies Used in Preparing the SEFA

The accompanying schedule of expenditures of federal awards (the Schedule) presents the direct and indirect expenditures of federal financial assistance programs administered by The Research Foundation for The State University of New York (the RF). The information in this schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).

The amounts reported were obtained from the RF's general ledger, which is the source of the federal financial reports and is maintained on an accrual basis. However, the Schedule is prepared on the cash basis. Negative amounts represent adjustments to expenditures reported in prior years in the normal course of business. Pass through amounts are reported under the related Catalog of Federal Domestic Assistance (CFDA) number, as indicated on the schedule. CFDA and pass through numbers are presented where available. Amounts passed through to the subrecipients are reported separately on the Schedule.

(2) 10% De Minimis Cost Rate

The auditee did not elected to use the 10% de minimis cost rate as covered in 2 CFR 200.414 Indirect (F&A) cost.

(3) Direct and Indirect Federal Award Expenditures

Federal award expenditures consist of direct and indirect costs, which are commonly referred to as facilities and administrative (F&A) costs. Direct costs are those that can be easily identified with an individual federally sponsored project. The salary of a principal investigator of a sponsored research project and the materials consumed by the project are examples of direct costs. Unlike direct costs, indirect costs cannot be easily identified with an individual federally sponsored project. Indirect costs are the costs of services and resources that benefit both sponsored and nonsponsored projects and activities. Indirect costs consist of expenses incurred for administration, library, plant maintenance, and building and equipment depreciation. The RF and federal agencies use an indirect cost rate to charge indirect costs to individual federally sponsored and nonsponsored and nonsponsored activities. Rates are negotiated with and approved by the RF's cognizant audit agency, the U.S. Department of Health and Human Services.



KPMG LLP 515 Broadway Albany, NY 12207-2974

Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With *Government Auditing Standards*

The Board of Directors The Research Foundation for The State University of New York:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of The Research Foundation for The State University of New York (the RF), which comprise the balance sheet as of June 30, 2018, the related statements of activities and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated October 23, 2018.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the RF's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the RF's internal control. Accordingly, we do not express an opinion on the effectiveness of the RF's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the RF's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.



Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the RF's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the RF's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



October 23, 2018



KPMG LLP 515 Broadway Albany, NY 12207-2974

Independent Auditors' Report on Compliance for Each Major Federal Program; Report on Internal Control Over Compliance; and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

Board of Directors The Research Foundation for The State University of New York:

Report on Compliance for Each Major Federal Program

We have audited The Research Foundation for the State University of New York's (the RF's) compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the RF's major federal programs for the year ended June 30, 2018. The RF's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with federal statutes, regulations, and the terms and conditions of its federal awards applicable to its federal programs.

Auditors' Responsibility

Our responsibility is to express an opinion on compliance for each of the RF's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance).* Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the RF's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the RF's compliance.

Opinion on Each Major Federal Program

In our opinion, the RF complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2018.



Report on Internal Control Over Compliance

Management of the RF is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the RF's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the RF's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the financial statements of the RF, as of and for the year ended June 30, 2018, and have issued our report thereon dated October 23, 2018, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the financial statements as a whole.



January 15, 2019

THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK

Schedule of Findings and Questioned Costs

Year ended June 30, 2018

(1) Summary of Auditors' Results

Financial Statements

Type of auditors' report issued on whether financial statements were prepared in accordance with U.S. generally accepted accounting principles:		Unmodified				
Internal control over financial reporting:						
Material weakness(es) identified?		Yes	<u>X</u>	No		
 Significant deficiency(ies) identified not considered to be material weaknesses? 		Yes	<u> </u>	None reported		
Noncompliance material to the financial statements noted?		Yes	<u> </u>	No		
Federal Awards						
Internal control deficiencies over major programs disclosed by the audit:						
Material weakness(es) identified?		Yes	X	No		
 Significant deficiency(ies) identified not considered to be material weaknesses? 		Yes	<u> </u>	None reported		
Type of auditors' report issued on compliance for major programs:		Unmodified				
Any audit findings disclosed that are required to be reported in accordance with 2 CFR?		Yes	<u> </u>	No		
Identification of Major Programs						
Name of federal program or cluster	r	CFDA numbers				
Research and Development Cluster SNAP Cluster TANF Cluster Adoption Assistance Social Services Block Grant		Various Various Various 93.659 93.667				
Dollar threshold used to distinguish between type A and type B programs:			\$3,000,000			
Auditee qualified as low-risk auditee?			<u>X</u>	No		

THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK

Schedule of Findings and Questioned Costs

Year ended June 30, 2018

(2) Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing Standards*

None.

(3) Findings and Questioned Costs Related to Federal Awards None.