

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, 2021

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, 2021

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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, which comprise the statement of financial position as of June 30, 2021, and the related statements of activities and cash flows for the year 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 auditor considers 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's as of June 30, 2021, and the changes in its net assets and its cash flows for the year then ended in accordance with U.S. generally accepted accounting principles.



### **Report on Summarized Comparative Information**

We have previously audited The Research Foundation for The State University of New York's 2020 financial statements, and we expressed an unmodified opinion on those audited financial statements in our report dated October 26, 2020. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2020 is consistent, in all material respects, with the audited financial statements from which it has been derived.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 27, 2021 on our consideration of The Research Foundation for The State University of New York'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 Research Foundation for The State University of New York'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 Research Foundation for The State University of New York's internal control over financial reporting and compliance.



Albany, New York October 27, 2021

#### **Balance Sheets**

June 30, 2021 and 2020

Assets	2021	2020
Current assets:  Cash and cash equivalents \$ Accounts receivable, net Advances to others Investments Due from broker for securities sold Other current assets	12,181,167 187,743,273 16,337,522 545,686,607 3,016,832 598,158	8,398,499 195,719,057 15,066,455 485,317,318 851,146 677,163
Total current assets	765,563,559	706,029,638
Noncurrent assets: Investments Fixed assets, net Intangible assets, net Other noncurrent assets	123,324,357 537,917,784 8,626,250 9,169,734	81,584,822 543,634,950 7,373,546 7,593,827
Total noncurrent assets	679,038,125	640,187,145
Total assets \$	1,444,601,684	1,346,216,783
Liabilities and Net Assets		
Current liabilities:  Accounts payable and accrued expenses  Accrued compensation  Accrued leave  Deferred revenue  Deposits held for others  Due to broker for securities purchased  Current portion of capital lease obligations  Current portion of long-term debt  Line of credit	84,639,520 44,332,655 35,431,273 276,814,405 32,161,818 9,320,381 20,088,570 1,020,714 14,860,000	93,004,992 27,819,784 30,074,808 320,585,898 22,201,737 — 18,508,646 1,015,714 4,000,000
Total current liabilities  Noncurrent liabilities: Postretirement benefit obligation Capital lease obligations, net of current portion Long-term debt, net of current portion Other liabilities  Total noncurrent liabilities  Total liabilities	518,669,336 65,887,443 179,581,916 5,325,715 9,733,401 260,528,475 779,197,811	517,211,579 162,763,722 199,670,486 6,346,429 8,364,237 377,144,874 894,356,453
Net assets:		
Without donor restrictions With donor restrictions	641,512,444 23,891,429	431,663,574 20,196,756
Total net assets	665,403,873	451,860,330
Total liabilities and net assets \$	1,444,601,684	1,346,216,783

See accompanying notes to financial statements.

### Statement of Activities

Year ended June 30, 2021 (with summarized comparative information for the year ended June 30, 2020)

		Without donor restrictions	With donor restrictions	2021 Total	2020 Total
Revenue:					
Grants for research and other sponsored activities:					
Federal .	\$	318,815,284	_	318,815,284	316,001,723
Federal flow through		90,214,119	_	90,214,119	90,835,576
New York State		253,510,452	_	253,510,452	234,415,453
Private and other		248,507,873		248,507,873	229,188,474
Total grants for research and other					
sponsored activities		911,047,728	_	911,047,728	870,441,226
In all worth continuous and an according to					
Indirect cost recoveries: Federal		100,164,922		100,164,922	96,753,951
Federal flow through		25,283,605	<u>-</u>	25,283,605	26,078,596
New York State		7,144,161	_	7,144,161	8,079,997
Private and other		18,966,546	_	18,966,546	16,756,591
Total indirect cost recoveries		151,559,234		151,559,234	147,669,135
Other was a such male to discourse.					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Other research-related income: Inventions and licenses income		6,461,192		6,461,192	6,571,085
Third party service center		4,860,528	_	4,860,528	3,840,254
Agency fees		6,652,471	_	6,652,471	7,146,522
Fixed price awards		4,626,599	_	4,626,599	4,712,716
Institutional support funding		23,623,118	_	23,623,118	47,127,960
Other		1,311,885	_	1,311,885	833,880
Total other research-related income		47,535,793		47,535,793	70,232,417
Investment income, net		87,683,181	4,594,336	92,277,517	21,045,861
Net assets released from restrictions		899,663	(899,663)	92,211,311	21,045,661
Previously deferred economic development program		099,003	(099,000)	_	_
revenue (see note 2e)					290,421,189
Total revenue		1,198,725,599	3,694,673	1,202,420,272	1,399,809,828
Expenses:					
Sponsored programs and other activities		885,750,872	_	885,750,872	793,834,679
Indirect administrative and support expenses		153,253,163	_	153,253,163	138,430,751
Other research-related expenses		32,588,491	_	32,588,491	36,816,667
Total expenses		1,071,592,526		1,071,592,526	969,082,097
Change in net assets from revenue and	4				
expenses	•	127,133,073	3,694,673	130,827,746	430,727,731
Changes in net assets related to postretirement		•		•	•
benefit obligation		82,715,797		82,715,797	(44,694,326)
Change in net assets		209,848,870	3,694,673	213,543,543	386,033,405
Net assets at beginning of year		431,663,574	20,196,756	451,860,330	65,826,925
Net assets at end of year	\$	641,512,444	23,891,429	665,403,873	451,860,330

See accompanying notes to financial statements.

### Statements of Cash Flows

Years ended June 30, 2021 and 2020

	_	2021	2020
Cash flows from operating activities:			
Federal grants and contracts	\$	533,594,200	567,502,199
State and local grants and contracts		233,681,911	333,473,779
Private gifts and grants		277,588,417	264,707,456
Other receipts		233,246,235	224,342,831
Salaries and wages payments		(394, 326, 005)	(414,353,191)
Employee benefits payments		(144,361,345)	(137,508,858)
Payments to suppliers and vendors		(513,148,132)	(470,471,847)
Operating interest and dividends		2,480,027	7,897,570
Distribution from BSA partnership		2,720,142	2,502,891
Interest payments on capital debt and notes		(17,747,547)	(19,307,392)
Other payments	_	(97,826,725)	(92,278,346)
Net cash provided by operating activities	_	115,901,178	266,507,092
Cash flows from investing activities:			
Proceeds from sales of investments		37,192,912	63,851,820
Purchases of investments		(100,483,346)	(118,380,042)
Proceeds from sales of fixed assets		208,519	952,000
Cash paid for purchases of fixed and intangible assets	_	(92,290,047)	(95,892,777)
Net cash used in investing activities	_	(155,371,962)	(149,468,999)
Cash flows from financing activities:			
Principal payments on long-term debt and capital lease obligations		(19,524,360)	(18,058,695)
Proceeds from line of credit		51,217,835	11,050,000
Payments on line of credit	_	(40,357,835)	(24,850,000)
Net cash used in financing activities		(8,664,360)	(31,858,695)
Net change in cash and cash equivalents		(48,135,144)	85,179,398
Cash and cash equivalents, beginning of year	_	207,245,363	122,065,965
Cash and cash equivalents, end of year	\$_	159,110,219	207,245,363

See accompanying notes to financial statements.

Notes to Financial Statements June 30, 2021 and 2020

### (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 provides essential administrative services that enable State University of New York (SUNY) faculty to focus their efforts on educating students and performing life-changing research across a wide range of disciplines including Artificial Intelligence, Clean Energy, Biotechnology, Longevity, Substance Addiction, Nextgen Quantum Computing, Environmental Health, and Resiliency. The RF works with the academic and business leadership of SUNY campuses to facilitate research and discovery by administering sponsored projects and delivering intellectual property and technology transfer services that fuel innovation and move ideas and inventions to the marketplace.

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*.

The financial statements include certain prior year summarized comparative information in total but not by net asset class. Accordingly, such information should be read in conjunction with the RF's financial statements for the year ended June 30, 2020, from which the summarized information was derived.

#### (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 and disclosures of contingencies as of the dates of the financial statements and the reported amounts of change in net assets during the reporting periods. The most significant areas which are affected by the use of estimates include allowances for doubtful receivables, 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) Risks and Uncertainties

In March 2020, the World Health Organization declared the novel coronavirus (COVID-19) a pandemic. Although it is not possible to determine the pandemic's ultimate length, severity, or impacts on the economy or the RF's financial position and operations, the RF may experience material adverse effects posed by the risks, or our stakeholders' perceptions of the risks, related to COVID-19. As a result of the pandemic, beginning in March 2020, the RF temporarily suspended in-person research and other campus-based activities. Although Federal and certain other sponsors allowed for the continuance of funding under their grant agreements, the flexibilities afforded under these continuances was limited and temporary. Additionally, the RF has and will continue to incur certain incremental costs due to the pandemic, including moving to online work environments and costs associated with protocols put in place to return to campus laboratories and offices.

Notes to Financial Statements
June 30, 2021 and 2020

The pandemic could continue to materially affect the RF's ability to conduct its operations, the cost of its operations, and the generation of certain revenue. The impact of the pandemic could have negative consequences on the ability of our sponsored programs to continue to provide such funding as well as financial markets and such effects could be consequential to the RF. The full extent of the impact of COVID-19 on the RF will depend on various future developments, particularly the duration and depth of the pandemic, which may be influenced by emerging medical treatments and applicable health and safety regulations.

### (d) Net Asset Classes

The accompanying financial statements present information regarding the RF's balance sheet and activities according to two classes of net assets: without donor restrictions and with donor restrictions.

Without donor restrictions: net assets are not subject to donor stipulations restricting their use but may be designated for specific purposes by the RF or may be limited by contractual agreements with outside parties.

With donor restrictions: net assets are subject to donor stipulations that expire with the passage of time, can be fulfilled by actions pursuant to the stipulations, or which may be perpetual.

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 the first five-year periods of each grant. 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, 2021 and 2020, the net asset balance of the funds were \$23.9 million and \$20.2 million, respectively. Under these grants, the endowment returns are to be used to facilitate minority health and health disparities research.

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

### (e) Revenue Recognition

Grants and contracts awarded by federal and other sponsors, which are generally considered nonreciprocal transactions restricted by sponsors for certain purposes, are recognized as revenue when qualifying expenditures are incurred and conditions under the agreements are met. The RF has elected the simultaneous release policy, which allows a not-for-profit organization to recognize a restricted contribution directly in net assets without donor restrictions if the restriction is met in the same period that the revenue is recognized. The RF recognizes reimbursement of facilities and administrative costs relating to government and other contracts and grants at authorized rates each year. Although not a condition or barrier to revenue recognition, all funds expended in connection with government grants and contracts are subject to audit by granting agencies. Amounts received in excess of revenue recognized are recorded as deferred revenue. In the opinion of management, any potential liability resulting from these audits will not have a material effect on the RF's financial position. Total revenue from grants and contracts recognized in net assets without donor restrictions was \$1,062.6 million and \$1,010.1 million for the years ended June 30, 2021 and 2020, respectively.

Notes to Financial Statements June 30, 2021 and 2020

Payments received from sponsors in advance of conditions being met are reported as deferred revenue, which totaled \$243.6 million and \$292.2 million as of June 30, 2021 and 2020, respectively.

The RF adopted ASU 2018-08 Financial Accounting Standards Board (FASB) Accounting Standards Update (ASU) 2018-08, *Not-for-Profit Entities (Topic 958): Clarifying the Scope and Accounting Guidance for Contributions Received and Contributions Made*, on a modified prospective basis as of July 1, 2019. In accordance with this adoption, during the year ended June 30, 2020, the RF recognized revenue in the amount of \$290.4 million, associated with the purchase of capitalized equipment or intangible assets under sponsored programs related to economic development previously recorded in deferred revenue and recognized into revenue over the life of the asset. The barriers associated with these grants had been overcome and there were no further rights of return for the assets contributed to the RF.

Contributions, including unconditional promises to give, are recognized upon receipt at fair value. Contributions other than cash are recorded at fair value at the date of contribution. Contributions with donor-imposed restrictions are reported as revenues with donor restrictions and are reclassified to net assets without donor restrictions when an expenditure is incurred that satisfies the restriction or the designated time elapses.

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 4c). 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 and unrealized 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.

#### (f) Cash Equivalents

For purposes of balance sheet presentation, 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 noncurrent investments. Cash equivalents are stated at fair value and are considered a Level 1 financial asset as defined in note 4.

In accordance with ASU 2016-18, *Statement of Cash Flows (Topic 230): Restricted Cash*, cash equivalents classified as current investments are included as cash and cash equivalents for the purposes of the statement of cash flows. The following table provides a reconciliation of cash and cash

Notes to Financial Statements June 30, 2021 and 2020

equivalents as reported in the balance sheets to cash and cash equivalents reported in the statements of cash flows:

		2021	2020
Cash and cash equivalents	\$	12,181,167	8,398,499
Current investments (see note 4)	_	146,929,052	198,846,864
Total cash and cash equivalents shown in the statements of cash flows:	\$	159,110,219	207,245,363

### (g) 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, 2021 and 2020 was \$27.7 million and \$25.6 million, respectively.

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

	_	2021	2020
Accounts receivable:			
Federal	\$	52,539,588	39,993,963
Federal flow through		47,657,930	43,217,515
New York State		64,573,061	92,242,983
Private and other	_	22,972,694	20,264,596
	\$ _	187,743,273	195,719,057

#### (h) 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.

Notes to Financial Statements June 30, 2021 and 2020

### (i) 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, both the cost and the related accumulated depreciation and amortization are removed from the accounts and a gain or loss is recorded. Depreciation and amortization expense for the years ended June 30, 2021 and 2020 was \$72.3 million and \$65.1 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.

#### (j) 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; and
- (2) 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.

### (k) 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 \$2.8 million as of June 30, 2021 and 2020.

### (I) 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 assets and amortized to net periodic cost over future

Notes to Financial Statements
June 30, 2021 and 2020

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.

### (m) 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 notes 4 and 5 for additional information regarding fair value considerations with respect to investments, deferred compensation assets and interest rate swap on outstanding bonds.

### (n) Tax Status

The RF is a not-for-profit corporation and 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.

The RF recognizes the effects of income tax positions only if those positions are more likely than not to be sustained.

Management has determined there are no uncertain tax positions as of June 30, 2021 and 2020. The RF is subject to routine audits by taxing jurisdictions and believes that it is no longer subject to income tax examinations for years prior to the year ended June 30, 2017.

#### (o) 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, 2021 and 2020 is approximately \$11.6 million and \$8.3 million, respectively.

#### (p) Reclassifications

Certain reclassifications have been made to prior year amounts in order to conform to the current year presentation.

Notes to Financial Statements June 30, 2021 and 2020

### (3) Liquidity and Availability

As of June 30, financial assets and liquidity resources available within one year for general expenditure, such as operating expenses and scheduled principal payments on debt, were as follows:

	_	2021	2020
Cash and cash equivalents	\$	12,181,167	8,398,499
Accounts receivable, net		187,743,273	193,719,057
Investments		545,686,607	485,317,318
Due from broker for securities sold	_	3,016,832	851,146
Total financial assets available within one year	\$_	748,627,879	688,286,020

The RF's annual cash flows are dependent on spending, billing and collections on thousands of individual sponsored awards across 30 campus locations. Cash-basis direct sponsored program spending, including capital equipment purchases, aggregated \$943.8 million and \$906.0 million during the years ended June 30, 2021 and 2020, respectively.

To help manage liquidity, the RF's investment policy ensures the RF has access to funds, as needed, during the year through allocations to readily redeemable cash equivalent funds, mutual funds, and exchange traded funds (see note 4). Additionally, the RF maintains lines of credit of \$65.0 million, of which \$50.1 million is available to draw as of June 30, 2020, (see note 10) that are drawn upon as needed during the year to manage cash flow.

#### (4) 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

Notes to Financial Statements June 30, 2021 and 2020

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 that are made using NAV per share or its equivalent as a practical expedient are not categorized in the fair value hierarchy.

Investments in 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.

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 the 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, 2021 and 2020, the RF's investments as well as the liquidity redemption and notification provisions:

			202	I		
	Total	Level 1	Level 2	Level 3	Redemption frequency	Days notice
Investments:						
Cash equivalents	\$ 146,929,052	146,929,052	_	_	Daily	1
Mutual and exchange traded funds:						
U.S. government fixed income	55,531,675	55,531,675	_	_	Daily	1
U.S. equities	60,580,968	60,580,968	_	_	Daily	1
Foreign equities	32,239,309	32,239,309	_	_	Daily/Monthly	1 to 15
Real estate	36,555,471	36,555,471	_	_	Daily	1
U.S. equities	90,729	90,729	_	_	Daily	4
Investments measured at NAV or its equivalent:						
Absolute multistrategy return	72,529,046	_		_	Monthly/Quarterly	45 to 95
Credit securities	8,558,921			_	Monthly/Quarterly	30 to 45
Global equities	95,440,994	_	_	_	Mthly/Qtrly/Annly	30 to 43
Hedged equities	92,810,990	_	_	_	Quarterly	90
Private equity	42,569,496	_	_	_	See (a) below	NΑ
Pooled endow ments	21,891,429			_	See (b) below	NA
Total investments at fair						
value	665,728,080	331,927,204	_	_		
Investment in BSA partnership	3,282,884				. N/A	N/A
Total investments	\$ 669,010,964	331,927,204				

Notes to Financial Statements June 30, 2021 and 2020

			202	0		
	Total	Level 1	Level 2	Level 3	Redemption frequency	Days notice
Investments:						
Cash equivalents	\$ 198,846,864	198,846,864	_	_	Daily	1
Mutual and exchange traded funds:						
U.S. government fixed income	40,538,357	40,538,357	_	_	Daily	1
U.S. equities	45,279,686	45,279,686	_	_	Daily	1
Foreign equities	19,142,476	19,142,476	_	_	Daily/Monthly	1 to 15
Real estate	24,090,125	24,090,125	_	_	Daily	1
U.S. equities	86,620	86,620	_	_	Daily	4
Investments measured at NAV or its						
equivalent:						
Absolute multistrategy return	45,300,706	_	_	_	Monthly/Quarterly	45 to 95
Credit securities	12,864,220	_	_	_	Monthly/Quarterly	30 to 45
Global equities	68,231,675	_	_	_	Mthly/Qtrly/Annly	30 to 90
Hedged equities	70,156,592	_	_	_	Quarterly	90
Private equity	22,783,099	_	_	_	See (a) below	N/A
Pooled endow ments	16,196,756				See (b) below	N/A
Total investments at fair						
value	563,517,176	327,984,128	_	_		
Investment in BSA partnership	3,384,964			_	See (c) below	N/A
Total investments	\$ 566,902,140	327,984,128		_	•	

- (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(d). 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.
- (c) 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 of BSA based on the operating results for its years ended September 30, 2020 and 2019. The RF records distributions received as a reduction of the investment balance.

The RF has unfunded commitments to private equity investments as of June 30, 2021 of approximately \$49.4 million.

Notes to Financial Statements June 30, 2021 and 2020

### (5) Other Assets and Other Liabilities

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

	2021	2020
Other assets:		
Current:		
Royalties receivable \$	540,000	560,000
Miscellaneous	58,158	117,163
Total other current assets	598,158	677,163
Noncurrent:		
Deferred compensation assets	9,169,734	7,593,827
Total other noncurrent assets	9,169,734	7,593,827
Total other assets \$	9,767,892	8,270,990
Other liabilities – noncurrent:		
Deferred compensation obligation \$	9,169,734	7,593,827
Interest rate swap agreement	563,667	770,410
Total other liabilities \$	9,733,401	8,364,237

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, 2021 and 2020, respectively, the assets consist of mutual funds of approximately \$4.2 million and \$3.5 million, which involve Level 1 inputs under the fair value hierarchy, variable annuities of approximately \$3.2 million and \$2.5 million, which are recorded at NAV, and fully benefit-responsive annuity contracts of approximately \$1.8 million and \$1.6 million, which are recorded at contract value.

As indicated in note 10(b), the RF currently has an interest rate swap on its outstanding bonds. The value of the swap is adjusted, through net assets without donor restrictions, to fair value involving Level 2 inputs under the fair value hierarchy.

Notes to Financial Statements June 30, 2021 and 2020

### (6) Fixed Assets

Fixed asset classification		2020	Additions	Dispositions/ retirements	Placed in service	2021
Building	\$	6,500,000	_	_	_	6,500,000
Building – capital lease	•	317,704,048	_	_	_	317,704,048
Research and office equipment		456,610,779	24,672,905	(55,376,021)	93,282,165	519,189,828
Information systems		25,462,324		(***,*****,*=**) —	_	25,462,324
Construction in progress	_	62,780,918	66,678,486		(93,282,165)	36,177,239
Total fixed assets	_	869,058,069	91,351,391	(55,376,021)		905,033,439
Less accumulated depreciation:						
Building		2,340,000	130,000	_	_	2,470,000
Building – capital lease		148,923,773	19,856,504	_	_	168,780,277
Research and office equipment		148,697,022	50,755,072	(29,049,040)	_	170,403,054
Information systems	_	25,462,324				25,462,324
Total accumulated						
depreciation	_	325,423,119	70,741,576	(29,049,040)		367,115,655
Fixed assets, net	\$	543,634,950	20,609,815	(26,326,981)		537,917,784

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.

As noted in the table above, the RF incurred a loss on disposal of fixed assets of \$26.3 million during the year ended June 30, 2021. This disposal relates to research equipment assets previously located at SUNY Poly that were sold in conjunction with economic development activities in central New York. Consistent with prior year reporting of these assets, the loss is reflected in the statement of activities within "Grants for research and other sponsored activities: New York State."

Notes to Financial Statements June 30, 2021 and 2020

### (7) Intangible Assets

Intangible asset classification		2020	Additions	Dispositions/ retirements	2021
Technology licenses	\$	24,200,000	_	_	24,200,000
Capitalized software	_	19,060,773	3,486,835		22,547,608
Total intangible					
assets	_	43,260,773	3,486,835		46,747,608
Less accumulated amortization:					
Technology licenses		24,200,000	_	_	24,200,000
Capitalized software	_	11,687,227	2,234,131		13,921,358
Total accumulated					
amortization	_	35,887,227	2,234,131		38,121,358
Intangible assets,					
net	\$_	7,373,546	1,252,704		8,626,250

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

Fiscal year ending:	
2022	\$ 2,417,000
2023	2,332,000
2024	1,618,000
2025	904,000
2026	904,000

### (8) 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, 2021 and 2020

### (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 \$313.3 million and \$254.2 million as of June 30, 2021 and 2020, 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 6,500 and 6,400 participants in the plan as of July 1, 2020 and 2019, respectively.

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

	_	2021	2020
Change in benefit obligation:			
Benefit obligation at beginning of year	\$	416,933,312	385,576,711
Service cost		11,152,025	9,586,322
Interest cost		10,735,221	12,047,756
Plan participants' contributions		1,383,150	1,324,747
Actuarial (gain) loss		(47,795,454)	20,591,552
Benefits paid	_	(13,203,493)	(12,193,776)
Benefit obligation at end of year	_	379,204,761	416,933,312
Change in plan assets:			
Fair value of plan assets at beginning of year		254,169,590	248,254,160
Return on plan assets		64,984,971	10,800,655
Employer contributions		5,983,100	5,983,804
Plan participants' contributions		1,383,150	1,324,747
Benefits paid	_	(13,203,493)	(12,193,776)
Fair value of plan assets at end of year	_	313,317,318	254,169,590
Funded status and amount recognized in balance sheet	\$_	(65,887,443)	(162,763,722)
Amounts not yet reflected in net periodic benefit cost and included in the balance sheet:			
Prior service credit	\$	108,779,568	140,867,936
Net actuarial loss	_	(81,341,144)	(196,145,309)
Total	\$_	27,438,424	(55,277,373)
Weighted average assumptions used to determine benefit obligation:		2.02.27	0.40.0/
Discount rate at end of year		2.63 %	2.48 %

Notes to Financial Statements June 30, 2021 and 2020

	_	2021	2020
Components of net periodic benefit cost:			
Service cost	\$	11,152,025	9,586,322
Interest cost		10,735,221	12,047,756
Expected return on plan assets		(16,238,750)	(16,903,654)
Amortization of:			
Prior service credit		(32,088,368)	(32,088,368)
Actuarial loss	_	18,262,490	14,088,593
Net periodic benefit gain	\$_	(8,177,382)	(13,269,351)
Weighted average assumptions used to determine net periodic benefit cost:			
Discount rate for the year		2.48 %	3.35 %
Expected long-term rate of return		6.50	7.00
		2021	2020
Other changes in plan assets and benefit obligations recognized in net assets without donor restriction:			
Net actuarial gain (loss) Amortization of:	\$	96,541,675	(26,694,551)
Prior service credit		(32,088,368)	(32,088,368)
Actuarial loss	_	18,262,490	14,088,593
Total recognized as decrease in net assets			
without donor restriction	\$_	82,715,797	(44,694,326)

The components of net periodic benefit gain are included in the line items "sponsored programs and other activities," "indirect administrative support expenses" and "other research-related expenses" in the statement of activities based on the functional classification of compensation.

Expected amounts to be amortized from net assets into net periodic benefit cost for fiscal year ending 2021 include prior service credit of \$32.1 million and actuarial loss of \$4.9 million.

Notes to Financial Statements June 30, 2021 and 2020

Estimated net benefit payments over future years are as follows:

Fiscal year ending:	
2022	\$ 15,477,000
2023	16,320,000
2024	17,041,000
2025	17,649,000
2026	18,169,000
2027–2031	96,532,000

For measurement purposes, the initial trend rates vary by coverage. The health maintenance organization rate is 6.00%, the preferred provider organization (PPO) rate is 6.00%, the PPO prescription rate is 8.00%, and administrative fees are 4.50%. Trend rates grade down to an ultimate rate of 4.50% in 2026 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-percentage point			
	_	Increase	Decrease		
Effect on total service and interest cost components	\$	4,997,622	(3,822,295)		
Effect on postretirement benefit obligation		61,421,091	(49,790,700)		

Notes to Financial Statements June 30, 2021 and 2020

### (c) Fair Value of Plan Assets

The following tables summarize as of June 30, 2021 and 2020, 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 used to measure fair value of the plan's investments are outlined above in note 4.

		2021					
	-	Total	Level 1	Level 2	Level 3	Redemption frequency	Days' notice
Investments:							
Cash equivalents	\$	7,906,217	7,906,217	_	_	Daily	1
Mutual and exchange traded funds:						•	
U.S. government fixed income		22,587,022	22,587,022	_	_	Daily	1
U.S. equities		17,362,757	17,362,757	_	_	Daily	1
Foreign equities		11,922,163	11,922,163	_	_	Daily	15
Real estate		15,977,718	15,977,718	_	_	Daily	1
Hedged equities		756,160	756,160	_	_	Daily	1
Investments measured at NAV or its equivalent:							
Absolute multistrategy return		33,293,969	_	_	_	Monthly/Quarterly	45 to 95
Global equities		78,581,060	_	_	_	Mthly/Qtrly/Annly	30 to 90
Hedged equities		57,986,945	_	_	_	Quarterly	90
Private equity	_	66,943,307			_	See note 4(a)	N/A
	\$	313,317,318	76,512,037				

2020						
-	Total	Level 1	Level 2	Level 3	Redemption frequency	Days' notice
\$	2,359,789	2,359,789	_	_	Daily	1
	21,549,783	21,549,783	_	_	Daily	1
	21,023,506	21,023,506	_	_	Daily	1
	7,996,002	7,996,002	_	_	Daily	15
	11,959,768	11,959,768	_	_	Daily	1
	606,193	606,193	_	_	Daily	1
					•	
	24,850,352	_	_	_	Monthly/Quarterly	45 to 95
	2,973,848	_	_	_	Monthly	30
	64,341,072	_	_	_	Mthly/Qtrly/Annly	30 to 90
	50,797,945	_	_	_	Quarterly	90
_	45,711,332		<u> </u>	_	See note 4(a)	N/A
\$	254,169,590	65,495,041	_	_		
		\$ 2,359,789 21,549,783 21,023,506 7,996,002 11,959,768 606,193 24,850,352 2,973,848 64,341,072 50,797,945 45,711,332	\$ 2,359,789 2,359,789 21,549,783 21,549,783 21,023,506 21,023,506 7,996,002 7,996,002 11,959,768 11,959,768 606,193 606,193 24,850,352 — 2,973,848 — 64,341,072 — 50,797,945 — 45,711,332 —	Total         Level 1         Level 2           \$ 2,359,789         2,359,789         —           21,549,783         21,549,783         —           21,023,506         21,023,506         —           7,996,002         7,996,002         —           11,959,768         11,959,768         —           606,193         606,193         —           24,850,352         —         —           2,973,848         —         —           64,341,072         —         —           50,797,945         —         —           45,711,332         —         —	Total         Level 1         Level 2         Level 3           \$ 2,359,789         2,359,789         —         —           21,549,783         21,549,783         —         —           21,023,506         21,023,506         —         —           7,996,002         7,996,002         —         —           11,959,768         11,959,768         —         —           606,193         606,193         —         —           24,850,352         —         —         —           2,973,848         —         —         —           64,341,072         —         —         —           50,797,945         —         —         —           45,711,332         —         —         —	Total         Level 1         Level 2         Level 3         Redemption frequency           \$ 2,359,789         2,359,789         —         —         Daily           \$ 21,549,783         21,549,783         —         —         Daily           \$ 21,023,506         21,023,506         —         —         Daily           \$ 7,996,002         7,996,002         —         Daily           \$ 11,959,768         11,959,768         —         Daily           \$ 606,193         —         —         Daily           \$ 24,850,352         —         —         —         Monthly/Quarterly           \$ 2,973,848         —         —         —         Monthly           \$ 64,341,072         —         —         Mthly/Qtrly/Annly           \$ 50,797,945         —         —         Quarterly           \$ 45,711,332         —         —         See note 4(a)

The RF has unfunded commitments to the plan's private equity investments at June 30, 2021 of approximately \$50.6 million.

Notes to Financial Statements June 30, 2021 and 2020

### (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.

The plan's asset allocation, utilizing various investment vehicles, as of June 30, 2021, 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	1.0 %	1.0 %	0%-10%	2.5 %
Fixed income:				
Government bonds	8.0 %	3.0 %	0%-30%	2.1 %
Credit	4.0 %	2.0 %	0%-20%	1.7 %
Private debt	9.0 %	7.0 %	0%-20%	6.8 %
Equities:				
Global equities	28.0 %	35.0 %	20%-50%	34.6 %
Hedged equities	15.0 %	19.0 %	0%-25%	18.4 %
Private equity	17.0 %	8.0 %	0%-25%	9.2 %
Absolute return	5.0 %	9.0 %	0%-20%	8.8 %
Real assets:				
Inflation-protected	3.0 %	6.0 %	0%-10%	5.1 %
Global real estate	10.0 %	10.0 %	5%-20%	10.8 %

Notes to Financial Statements June 30, 2021 and 2020

### (9) 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 retirement 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, 2021 and 2020 was approximately \$361.2 million and \$361.4 million, respectively. The RF retirement plan contributions were approximately \$29.8 million and \$29.0 million for the years ended June 30, 2021 and 2020, respectively. These contributions are equal to 100% of the required contributions for the year.

#### (10) Long-Term Obligations

	_	2021	2020
Long-term obligations:			
Capital lease obligation; see note (a) below	\$	199,670,486	218,179,132
Bonds payable to Albany Industrial Development agency			
(AIDA); see note (b) below		3,400,000	3,630,000
Note payable to Citizens Bank, see note (c) below	_	2,946,429	3,732,143
Total long-term obligations	\$_	206,016,915	225,541,275

- (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 \$36 million.
- (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 investments.

Notes to Financial Statements June 30, 2021 and 2020

Future scheduled payments as of June 30, 2021 are as follows:

	_	Capital leas	e obligation	Bonds and no	tes payable
	_	Principal	Interest	Principal	Interest
Fiscal year:					
2022	\$	20,088,570	15,911,430	1,020,714	107,879
2023		21,803,357	14,196,643	1,030,714	77,985
2024		23,664,522	12,335,478	1,035,714	48,150
2025		25,684,558	10,315,442	849,287	18,730
2026		27,877,027	8,122,973	270,000	8,560
Thereafter	_	80,552,452	9,447,548	2,140,000	26,860
Total	\$_	199,670,486	70,329,514	6,346,429	288,164

The RF was in compliance with all loan covenant provisions in effect as of the issuance date of these financial statements.

#### Lines of Credit

The RF maintains unsecured lines of credit, with no fixed maturity date, in the amount of \$65.0 million of which \$14.9 million and \$4.0 million were outstanding as of June 30, 2021 and 2020, respectively. During the year ended June 30, 2021, the borrowing rates ranged between 1.13 - 2.75%. 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.

### (11) 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.

Notes to Financial Statements June 30, 2021 and 2020

### (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, 2021, for lease terms in excess of one year are as follows:

Fiscal year		FRMC	Other	Total
2022	\$	7,014,458	2,537,823	9,552,281
2023		7,014,458	2,362,513	9,376,971
2024		7,014,458	2,269,297	9,283,755
2025		7,014,458	792,687	7,807,145
2026		7,014,458	745,090	7,759,548
Thereafter	_	64,883,736	6,610,235	71,493,971
Total	\$	99,956,026	15,317,645	115,273,671

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, 2021 and 2020 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.

#### (12) Functional Expenses

The statement of activities presents expenses by program classification. The RF also summarizes its expenses by functional and natural classifications. The RF's primary program service is research. Depreciation expense is assigned based on the functional classification of the contract or agreement for which an individual asset was acquired. Postretirement and other benefit expenses are allocated based on the functional classifications of salaries. Expenses, categorized based on functional and natural classifications for the years ended June 30, 2021 and 2020, are as follows (in thousands):

Notes to Financial Statements June 30, 2021 and 2020

					2021			
	_	Research	Institutional support	Public service	Instruction	Academic support	Other	Total
Salaries	\$	201,346	61,373	54,885	34,716	8,800	2,191	363,311
Employee benefits		59,430	23,551	21,477	12,627	3,067	806	120,958
Subcontracts		79,044	45	11,984	6,038	225	_	97,336
Office expense		54,765	18,535	8,008	3,941	2,127	556	87,932
Fees for services		55,265	5,584	14,826	2,847	1,906	1,103	81,531
Depreciation and amortization		67,698	3,963	7	332	6	275	72,281
Rental Equipment		43,329	300	46	113	10	_	43,798
Equipment		27,496	2,765	1,803	1,027	513	1,167	34,771
Occupancy		4,085	8,211	7,786	1,412	644	7,376	29,514
Tuition and fees		8,126	151	218	9,125	380	212	18,212
Fellow ship stipends		2,997	678	741	11,182	126	2,206	17,930
Interest		17,491	197	_		_	_	17,688
Renovations		16,850	1	1	52	66	365	17,335
Information technology		1,551	5,821	452	419	274	329	8,846
Other expenses	-	10,503	41,157	2,266	3,127	1,775	1,322	60,150
Total expenses	\$	649,976	172,332	124,500	86,958	19,919	17,908	1,071,593

					2020			
	_		Institutional	Public		Academic		
	_	Research	support	service	Instruction	support	Other	Total
Salaries	\$	191,164	59,327	56,793	37,969	8,535	1,779	355,567
Employee benefits	Ψ	53,953	21,342	21,345	12,522	2,822	609	112,593
Subcontracts		80,688	5	11,011	7,664	491	_	99,859
Office expense		50,234	12,962	6,611	5,040	2,279	720	77,846
Fees for services		25,303	11,380	13,366	4,553	2,554	683	57,839
Depreciation and amortization		60,284	4,105	· —	454	7	275	65,125
Rental Equipment		19,827	469	53	59	12	41	20,461
Equipment		24,970	2,123	513	689	436	100	28,831
Occupancy		2,950	13,311	6,814	6,205	425	1,011	30,716
Tuition and fees		7,607	246	176	9,582	128	257	17,996
Fellow ship stipends		2,912	521	760	10,645	519	1,939	17,296
Interest		18,947	2,020	_	_	_	_	20,967
Renovations		336	102	_	223	39	659	1,359
Information technology		2,725	4,954	399	433	597	377	9,485
Other expenses	_	16,042	22,277	6,869	4,262	3,128	564	53,142
Total expenses	\$_	557,942	155,144	124,710	100,300	21,972	9,014	969,082

### (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, 2021 were available to be issued on October 27, 2021 and subsequent events have been evaluated through that date.

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing 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 DEVELOPMENT CLUSTER:		· · · · · · · · · · · · · · · · · · ·					
U.S. Department of Agriculture:							
DEPARTMENT OF AGRICULTURE	10.000			\$ 915	_	_	915
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001			33,754	=	_	
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001			72,344 11.808			117.906
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH PLANT AND ANIMAL DISEASE, PEST CONTROL AND ANIMAL CARE	10.025			6.110		_	117,900
PLANT AND ANIMAL DISEASE, PEST CONTROL AND ANIMAL CARE	10.025			22,154	_	_	
PLANT AND ANIMAL DISEASE, PEST CONTROL AND ANIMAL CARE	10.025			18,663	_	_	46,927
WILDLIFE SERVICES	10.028			67,106	_	_	
WILDLIFE SERVICES COOPERATIVE FORESTRY RESEARCH	10.028			21,867	=	=	88,973
COOPERATIVE FORESTRY RESEARCH	10.202			313.338	_	_	
COOPERATIVE FORESTRY RESEARCH	10.202			18.215			538.156
HIGHER EDUCATION – INSTITUTION CHALLENGE GRANTS PROGRAM	10.217			29,866	_	14,692	29,866
BIOTECHNOLOGY RISK ASSESSMENT RESEARCH	10.219			198,641	_	51,547	198,641
COMMUNITY FOOD PROJECTS	10.225	WESTMINSTER ECONOMIC DEVELOPMENT INITIATIVE	NA NA	_	15,746	_	15,746
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	CORNELL UNIVERSITY IOWA STATE UNIVERSITY	84041 11059 023312A	=	65,416 1,618	=	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	IOWA STATE UNIVERSITY	023312A 4164197A	_	13 037	_	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	IOWA STATE UNIVERSITY	SCN1006264		32.653		
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			66,437		62,427	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			50,570	_	_	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			99,721	_	29,614	
ACRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) ACRICULTURE AND FOOD RESFARCH INITIATIVE (AFRI)	10.310 10.310	WEST VIRGINIA LINIVERSITY	20182SUNY	71,573	72.268	_	473 293
AGRICULTURE AND POUD RESEARCH INITIATIVE (AFRI) BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE COMPETITIVE GRANTS PROGRAM (BRDI)	10.310	WEST VIRGINIA UNIVERSITY	201025UN1	108,032	72,200	52,008	108.032
RURAL BUSINESS DEVELOPMENT GRANT	10.351	NORTHERN BORDER REGIONAL COMMISION	NBRC20GUSDANY03	86.475	_	02,000	86.475
FORESTRY RESEARCH	10.652			6,032	_	_	
FORESTRY RESEARCH	10.652			15,274	_	_	
FORESTRY RESEARCH	10.652			1,760	_	_	
FORESTRY RESEARCH FORESTRY RESEARCH	10.652 10.652	LINIVERSITY OF VERMONT	AWD0000051SUB00000004	7,488	50 836	_	
FORESTRY RESEARCH FORESTRY RESEARCH	10.652	UNIVERSITY OF VERMONT	AWD00000051SUB00000004 AWD0000051SUB00000222		50,836 6,991		
FORESTRY RESEARCH	10.652	WATERSHED AGRICULTURAL COUNCIL	442		(368)		88.013
WOOD UTILIZATION ASSISTANCE	10.674			62,253		_	62,253
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675	RTI INTERNATIONAL	2 312 0216548 65448L	_	48,491	_	
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675			47,759	_	_	
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675	OLOW THE ORDER OF COLUMN ATTOM MOORROOM TEN	*****	54,207		52,560	150,457
FOREST HEALTH PROTECTION FOREST HEALTH PROTECTION	10.680 10.680	SLOW THE SPREAD FOUNDATION INCORPORATED SLOW THE SPREAD FOUNDATION INCORPORATED	20 01 13 21 01 13	_	9,658 173		
FOREST HEALTH PROTECTION	10.680	SEOW THE SPREAD FOUNDATION INCORPORATED	210113	10,434	- 173		20,265
INTERNATIONAL FORESTRY PROGRAMS	10.684			80,798	_	_	80.798
AGRICULTURAL CONSERVATION EASEMENT PROGRAM	10.931	UNIVERSITY OF WISCONSIN STEVENS POINT	1906		6,620		6,620
Total U.S. Department of Agriculture				1,790,197	323,139	262,848	2,113,336
U.S. Department of Commerce:							
U.S. Department of Commerce: INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11 012	GREAT LAKES OBSERVING SYSTEM	IOOS/NBN-04		63 161	28,897	63 161
STATISTICAL, RESEARCH, AND METHODOLOGY ASSISTANCE	11.012	SYNOPTIC DATA	S20170122		448 937	20,097	448 937
OCEAN ACIDIFICATION PROGRAM (OAP)	11.017	RUTGERS UNIVERSITY	PO1415619	_	126,927	_	126.927
ECONOMIC ADJUSTMENT ASSISTANCE	11.307			373,815	_	_	373,815
SEA GRANT SUPPORT	11.417	CREARE INCORPORATED	S614PO94868	_	35,816	_	
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417			2,491,472 42,413	_	1,487,974 42,413	
SEA GRANT SUPPORT	11.417	TRUSTEES OF BOSTON UNIVERSITY	4500002681	42,413	13 111	42,413	
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	32817SUB52595		73.213		
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	32817SUB52595	_	9,606	_	
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	32817SUB52963 PO 174278	_	58,399	_	
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	32817SUB53045 PO# 175766	_	70,999	70,999	
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417	UNIVERSITY OF VERMONT UNIVERSITY OF VERMONT	32817SUB53045 PO# 175766 32817SUB53303	_	(95) 18 363	_	2.813.297
SEA GRANT SUPPURT MARINE SANCTI IARY PROGRAM	11.417	UNIVERSITY OF TOLEDO	5261750B55303 F 2020 02		9,418	_	9.418
CLIMATE AND ATMOSPHERIC RESEARCH	11.431	SWILLOW OF TOLLOW	1 2020 02	843	5,410	_	0,410
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			24,187	_	_	
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			127,343	_	_	
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431			2,456 170,155	_	_	
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431			170,155 50.485	=	=	
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431			95,272		=	
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			98,885	_	_	
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			32,297	_	_	
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			21,724	_	_	
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431			64,281 428	=	_	
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431			7.840	=	7,840	
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431			7,840	=	7,840	
CLIMATE AND ATMOSPHERIC RESEARCH	11.431	UNIVERSITY OF HAWAII	Z10129407		34,820	_	
CLIMATE AND ATMOSPHERIC RESEARCH	11.431	WOODS HOLE OCEANOGRAPHIC INST	24171100/ A101361	_	15,064	_	746,033
MARINE FISHERIES INITIATIVE	11.433			10,614	_	_	10,614
WEATHER AND AIR QUALITY RESEARCH	11.459			20,067	_	_	
WEATHER AND AIR QUALITY RESEARCH WEATHER AND AIR QUALITY RESEARCH	11.459 11.459			72,330 7,133	=	=	
WEATHER AND AIR QUALITY RESEARCH WEATHER AND AIR QUALITY RESEARCH	11.459			7,133 79,205	=	=	
WEATHER AND AIR QUALITY RESEARCH	11.459			55,261	_	=	
WEATHER AND AIR QUALITY RESEARCH	11.459			7,903	_	_	241,899
HYDROLOGIC RESEARCH	11.462	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	SUBAWD001880	_	103,685	_	103,685
METEOROLOGIC AND HYDROLOGIC MODERNIZATION DEVELOPMENT	11.467	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	SUBAWD001611	_	10,358	-	10,358
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468	COLORADO STATE UNIVERSITY	G2701901	429	18,385	=	
APPLIED ME IEUROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468			148,294	=		
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468			85,836	=	56,788	
APPLIED METEOROLOGICAL RESEARCH	11.468			105,329	_	-	
APPLIED METEOROLOGICAL RESEARCH	11.468			130,775	_	_	
APPLIED METEOROLOGICAL RESEARCH	11.468			15,317	_	_	504,365

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM	11.478	MBIO DIAGNOSTICS INCORPORATED	NA20NOS4780186 SUNY		8,665	to subjectifients	lederal grantor
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM	11.478	maio artoto noo mooni orone	10/25/1007/00/00 00/11	(1,159)		_	
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM	11.478 11.478	VIRGINIA INSTITUTE OF MARINE SCIENCE	720912712683	194,704	99,555	_	
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM	11.478	VIRGINIA INSTITUTE OF MARINE SCIENCE	722373712684	=	71,713	=	373,478
EDUCATIONAL PARTNERSHIP PROGRAM EDUCATIONAL PARTNERSHIP PROGRAM	11.481 11.481	HOWARD UNIVERSITY HOWARD UNIVERSITY	00089711000067101 0008971100067101	_	9,268	_	23.347
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609	HOWARD UNIVERSITY	0006971100067101	121,400	14,079	_	23,347
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609			278,423	_	81,015	
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609 11.609			24,768 88,423	_	_	513.014
ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE	11.619	COLORADO STATE UNIVERSITY	G0074514		40,030		40,030
Total U.S. Department of Commerce				5,048,901	1,353,477	1,775,926	6,402,378
U.S. Department of Defense: DEPARTMENT OF DEFENSE	12 000		SEP1146047		719		
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000	ALION SCIENCE AND TECHNOLOGY CORPORATION CUBRC INCORPORATED	08259S1	=	719 55.787	=	
DEPARTMENT OF DEFENSE	12.000	DYNETICS INCORPORATED	DISC2055	_	98,162	_	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	DYNETICS INCORPORATED EONIX LLC	DISC2146 NA		23,544	_	
DEPARTMENT OF DEFENSE	12.000	INNOSEKTIC	NA	_	51,378	_	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	INTELLIGENT AUTOMATION INCORPORATED KITWARE INCORPORATED	2611001 K00308800S07	-	15,070 24,903	=	
DEPARTMENT OF DEFENSE	12.000	KOO AND ASSOCIATES INTERNATIONAL LLC	NA	=	13,154	=	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	MIT LINCOLN LABORATORY	7000451264	154.765	30,048	9.970	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000			154,765 312,917	=	9,970	
DEPARTMENT OF DEFENSE	12.000	PARC, A XEROX COMPANY	P315692		45,670	_	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	PARC, A XEROX COMPANY PURDUE UNIVERSITY	P315957 13000826008	_	25,456 68,569	_	
DEPARTMENT OF DEFENSE	12.000	PURDUE UNIVERSITY	40003325010	_	21,215	_	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	REACTION ENGINEERING INTERNATIONAL REACTION ENGINEERING INTERNATIONAL	NA PRIMEW911QY19C0034	_	46,473 160 181	=	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000	RENSSELAER POLYTECHNIC INSTITUTE	A210070S001	=	498,504	_	
DEPARTMENT OF DEFENSE	12.000	SAB BIOTHERAPEUTICS	SAB185101	_	593,809		
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	SRI INTERNATIONAL SPERO DEVICES	PO49196 N/A	_	182,102 13.558	16,662	
DEPARTMENT OF DEFENSE	12.000	UES INC	S111064001	_	24,170	_	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000			141,228 27,481	_	_	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000			50,507	_	_	
DEPARTMENT OF DEFENSE FORT HUACHUCA SENTINEL LANDSCAPES FOR MILITARY TRAINING	12.000 12.004	UNIVERSITY OF DAYTON RESEARCH INSTITUTE TECH-X CORPORATION	RSC19063 W911NF20P0003	_	82,286 24,782	=	2,762,001 24,782
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114	NATIONAL SECURITY INNOVATIONS	SMAAGCCART	=	96,098	_	24,702
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114			12,753	_	_	
COLLABORATIVE RESEARCH AND DEVELOPMENT BASIC AND APPLIED SCIENTIFIC RESEARCH	12.114 12.300	UNIVERSITY OF SOUTHERN CALIFORNIA ARCTOS TECHNOLOGY SOLUTIONS	103859059PO10709409 &10709410 18S840113C1	_	52,489 102.886	=	161,340
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	ARIZONA STATE UNIVERSITY	17-207	_	5,773	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	CFD RESEARCH CORPORATION CARNEGIE MELLON UNIVERSITY	20200703 1150141358366	-	46,675 58,264	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CLARKSON UNIVERSITY	10178901	=	62,950	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	DUKE UNIVERSITY GOVERNMENT OF ISRAEL MINISTRY OF DEFENSE	TBD 4441038565	_	3,221 41.563	=	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	HYPRES INCORPORATED	4441038565 W911NF1710120	=	41,563 55,618	=	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	LIQUIDPISTON	FA864921P0048	_	109	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	MASSACHUSETTS INSTITUTE OF TECHNOLOGY MICHIGAN STATE UNIVERSITY	S4709 PO 244452 RC108018SUNY	_	4,599 45,332	=	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			144,175	_	84,647	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	NEW YORK UNIVERSITY NORTHEASTERN UNIVERSITY	F137401/PO iB00436960 50337878050	_	27,647 99,196	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	REGENTS OF THE UNIVERSITY OF CALIFORNIA	0160 G VA527	=	200,439	=	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	ROCHESTER INSTITUTE OF TECHNOLOGY SPACE DYNAMICS LABORATORY	31641 02 CP0053769	_	8,712 5,049	=	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	SPACE DYNAMICS EABORATORY	CP-0053769	369,261	5,049	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			105,676	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			14,486 912,752	=	588,441	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			155,420	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			141,203 7.042	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			493,395	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			163,140 89,768	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			(19)	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			39,434	_		
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			68,019 54,878	_	45,838	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			583,467	_	109,793	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			155,115 52,219		_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			164,607	=	=	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			75,575 104.230	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			216,013	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			36,372	_	18,847	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			311,994 299,922	=	58,230 77,189	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			61,964	=		
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			12,662 48,145	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			93,267	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			139,898 257.587	_	_	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			257,587 751,045	=	258,406	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Federal grantor/federal subdivision or pass-through grantor	Assistance Listing 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		12.300	T dos-diriodigit Childy Humo	T ass-anough named		- CXPCHGRUICS	to subrecipients	icaciai grantoi
BASIC AND APPLIED SCIENTIFIC	IC RESEARCH	12.300		•	24,755	=	=	
BASIC AND APPLIED SCIENTIFI		12.300	UNIVERSITY OF MIAMI	SPC001427	_	19,516	_	
BASIC AND APPLIED SCIENTIFI BASIC AND APPLIED SCIENTIFI		12.300 12.300	UNIVERSITY OF NEW HAMPSHIRE UNIVERSITY OF LITAH	L0076 Y10046918	_	15,579 131 767	_	7,125,614
SCIENTIFIC RESEARCH - COME	BATING WEAPONS OF MASS DESTRUCTION	12.351	UNIVERSITY OF MARYLAND	80630Z9397201	=	83,514	=	83,514
MILITARY MEDICAL RESEARCH		12.420	ADVANCED TECHNOLOGY INTERNATIONAL	MTEC1701DHIM01	_	76,654	_	
MILITARY MEDICAL RESEARCH		12.420	ADVANCED TECHNOLOGY INTERNATIONAL	MTEC1701DHIM01	_	552,733	128,434	
MILITARY MEDICAL RESEARCH		12.420 12.420	ATUX ISKAY GROUP BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	PR190071 RS2017039001	=	19,727 85,585	_	
MILITARY MEDICAL RESEARCH		12.420	BUFFALO INSTITUTE FOR MEDICAL RESEARCH	UB20190915JQ	_	93,707	_	
MILITARY MEDICAL RESEARCH		12.420	GENEVA FOUNDATION	S1105701	_	7,227	-	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420 12.420	INBIOS INTERNATIONAL INCORPORATED	DODICTTO101W81XWH16D0009 W81XWH-17-1-0646	=	16,774 28 486	=	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420	MICRORID TECHNOLOGIES INCORPORATED	DODW81XWH2010390	=	472.379	=	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420	OHIO STATE UNIVERSITY	60079530	_	89,161	_	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH		12.420 12.420	PHOENIX CHILDREN'S HOSPITAL TRUDEAU INSTITUTE INCORPORATED	FRYE1902 1920019UPS	-	85,694 46,052	_	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420	IRODEAU INSTITUTE INCORPORATED	19200190PS	72,282	40,052	58.155	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			31,547	_	29,543	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420 12.420			206,162	=	=	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH		12.420			(7) (166)	=	=	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			607	_	_	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			7,954	-	-	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420 12.420			179,592 12,956	=	_	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			19,173			
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			206,402	_	_	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420 12.420			122,805 8.990	=	_	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			58.689	_	_	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			79,378	_	16,915	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			149,729	_	-	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420 12.420			290,375 68.836	=	=	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			93,622	=	=	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			6,751	_	_	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420 12.420			70,773 1,228,224	=	3,336 900,924	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			172.028	_	26.303	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			63,657	_	40,073	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH		12.420 12.420			137,128	Ξ	_	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH	I AND DEVELOPMENT	12.420			251,995 103,774	=		
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			40,319	_	_	
MILITARY MEDICAL RESEARCH		12.420			147,939	_	109,977	
MILITARY MEDICAL RESEARCH		12.420 12.420			16,215 109 710	_	_	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			55,007	=	=	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420			5,436	_	_	
MILITARY MEDICAL RESEARCH MILITARY MEDICAL RESEARCH		12.420 12.420	UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	RF70031-2019-0388 0012983A	_	132,350		
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420	WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV.	19082UB	_	79.267	_	
MILITARY MEDICAL RESEARCH	AND DEVELOPMENT	12.420	WRIGHT STATE UNIVERSITY	0055455	_	31,493	_	5,864,913
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH		12.431 12.431	EDISON WELDING INSTITUTE INCORPORATED LEIDOS	57674GTH P010182175	=	33,306 7.287	_	
BASIC SCIENTIFIC RESEARCH		12.431	MAGNOLIA OPTICAL TECHNOLOGIES INCORPORATED	W31P4Q10C0008	_	60.943	_	
BASIC SCIENTIFIC RESEARCH		12.431	MAGNOLIA OPTICAL TECHNOLOGIES INCORPORATED	W911QX-19-C-0009	_	77,900	_	
BASIC SCIENTIFIC RESEARCH		12.431	NEW YORK MEDICAL COLLEGE	124120	_	9,820	_	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH		12.431 12.431	PURDUE UNIVERSITY RENSSELAER POLYTECHNIC INSTITUTE	13000844-021 A12843	=	26,397 (1,761)	=	
BASIC SCIENTIFIC RESEARCH		12.431	RENSSELAER POLYTECHNIC INSTITUTE	A210081S001	_	24,305	_	
BASIC SCIENTIFIC RESEARCH		12.431	SRI INTERNATIONAL	PO49034	-	105,184	_	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH		12.431 12.431	TRUSTEES OF BOSTON UNIVERSITY	4500003034	50.767	5,646	=	
BASIC SCIENTIFIC RESEARCH		12.431			69,250	=	_	
BASIC SCIENTIFIC RESEARCH		12.431			30,160	_	_	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH		12.431 12.431			74,131 286,490	=	33,991	
BASIC SCIENTIFIC RESEARCH		12.431			213,421	_	68,665	
BASIC SCIENTIFIC RESEARCH		12.431			25,871	_		
BASIC SCIENTIFIC RESEARCH		12.431			71,691	_	_	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH		12.431 12.431			207,034 73.067	=	=	
BASIC SCIENTIFIC RESEARCH		12.431			115,239	_	_	
BASIC SCIENTIFIC RESEARCH		12.431			150,714	_	-	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH		12.431 12.431			86,021 90,792	=	43,323	
BASIC SCIENTIFIC RESEARCH		12.431			140,030	=	=	
BASIC SCIENTIFIC RESEARCH		12.431			143,750	_	_	
BASIC SCIENTIFIC RESEARCH		12.431			94,003	_	_	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH		12.431 12.431			41,744 2,895	_	_	
BASIC SCIENTIFIC RESEARCH		12.431	UNIVERSITY OF HOUSTON	R190101	2,055	75,303	_	
BASIC SCIENTIFIC RESEARCH	ATTOM OF THE LOCAL BIRD ENGINEERING	12.431	UNIVERSITY OF MARYLAND	92953Z8310204	-	37,615	_	2,429,015
DOD, NDEP, DOTC-STEM EDUC	ATION OUTREACH IMPLEMENTATION ED RESEARCH IN SCIENCE AND ENGINEERING	12.560 12.630	IS4S CFD RESEARCH CORPORATION	105166000100010001 20190499	_	10,546 26,594	_	10,546
BASIC, APPLIED, AND ADVANCE	ED RESEARCH IN SCIENCE AND ENGINEERING ED RESEARCH IN SCIENCE AND ENGINEERING	12.630	JAN BIOTECH INCORPORATED	20190499 JBISC12182018	=	26,594	=	
BASIC, APPLIED, AND ADVANCI	ED RESEARCH IN SCIENCE AND ENGINEERING	12.630	JAN BIOTECH INCORPORATED	JBISC2020PII	_	84,456	_	
BASIC, APPLIED, AND ADVANCE	ED RESEARCH IN SCIENCE AND ENGINEERING ED RESEARCH IN SCIENCE AND ENGINEERING	12.630 12.630	PRAIRIE VIEW A&M UNIVERSITY	S160502 M1602156	138,880	130,026	_	
BASIC, APPLIED, AND ADVANCE	ED RESEARCH IN SCIENCE AND ENGINEERING	12.630	FINANCE VIEW ARM UNIVERSITY	3100302 M1002136	666.866	130,026	306.500	
BASIC, APPLIED, AND ADVANCE	ED RESEARCH IN SCIENCE AND ENGINEERING	12.630			501,541	_	153,393	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
	Listing			Direct	through	through	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
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630 12.630	UNIVERSITY OF CALIFORNIA AT SAN DIEGO UNIVERSITY OF CALIFORNIA AT SAN DIEGO	703812 703813	s –	38,919 1,468	-	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	UNIVERSITY OF CALIFORNIA AT SAIN DIEGO UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	KK1919	_	70,261		
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	UTAH STATE UNIVERSITY SPACE DYNAMICS LABORATORY	CP0047449	_	104	_	1,661,750
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	FLEX TECH ALLIANCE FLEX TECH ALLIANCE	19-17 PC5.5-LMC-SUNY	_	56,373 196,723	126,536	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FLEX TECH ALLIANCE	SEMI-NBMC #NB18-20-23	_	860.474	807,126	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-101582-G1 PO-5004254	_	259,660	-	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	GEORGIA INSTITUTE OF TECHNOLOGY INTELLIGENT AUTOMATION INCORPORATED	RJ287-G1 26171	_	28,624 14,385	_	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	JAUNT AIR MOBILITY LLC	AF-STTR-SUB-006	_	21.534	=	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	KOSTAS RESEARCH INSTITUTE AT NORTHEASTERN UNIVERSITY	55503278052	_	19,957	_	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	LOCKHEED MARTIN CORPORATION MASSACHUSETTS INSTITUTE OF TECHNOLOGY	4104009231 107759	_	231,416 142.822	_	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	NANO-BIO MATERIALS CONSORTIUM	NB18-20-20	_	80.081	=	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	NANO-BIO MATERIALS CONSORTIUM	NB182019	_	303,233	51,493	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	SEEQC SYRACUSE UNIVERSITY	FA875020P1710 2919304590S01	_	57,762 5.066	-	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	SYRACUSE UNIVERSITY	3051805126S01	_	11,390	=	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	TECHNERGETICS LIMITED LIABILITY COMPANY	FA8649-20-C-0243	_	6,467	_	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	UES INC	S11106I001	3,277	19,140	=	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			183			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			100,742	_	_	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			187,646 92,274	=	93,942	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			160,963	=	63,761	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			78,193	_	-	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			131,101 180.047	=		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			88,989	_	_	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			117,574	-	82,901	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			118,880 47,115	=		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			39,962	_	_	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			21,525	=		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			15,231,653 154,374		7,619,730 140,281	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNITED AIRCRAFT TECHNOLOGIES	FA864921P0157	-	21,060	- 140,201	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	UNIVERSITY OF BRISTOL UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	S100316101 KK2010	=	29,687 141,905	=	
AIR FUNCE LEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF CALIFORNIA AT SANTA BARBARA UNIVERSITY OF FLORIDA	SUB00002175	_	141,905		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF MASSACHUSETTS AMHERST	18010078A00	_	16,860	_	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM INFORMATION SECURITY GRANTS	12.800 12.902	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL QUANTERION SOLUTIONS INCORPORATED	5119289 2019HDIAC0501	_	23,178	_	19,427,244
INFORMATION SECURITY GRANTS RESEARCH AND TECHNOLOGY DEVELOPMENT	12.902	ANALOG PHOTONICS LLC	2019HDIAC0501 HR0011 19 C 0083	_	24,218 378,924	_	24,218
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	ANALOG PHOTONICS LLC	SUB-2-HR011-16-C-0108	_	1,053,501	_	
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	ASSURED INFORMATION SECURITY INCORPORATED	HR00112090006 - 1118-SB	70 168	5,355	=	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			230.131	_	_	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			270,608	_	77,570	
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910			1,334,049 95.070	_	250,891 81 445	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	FLEX TECH ALLIANCE	ADP#9	95,070	2.277	01,445	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	FLEX TECH ALLIANCE	ASSET MONITORING - 11001	_	31,265	9,315	
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	GENERAL ELECTRIC GLOBAL RESEARCH KITWARE INCORPORATED	401144470 K00308800S04	_	119,782 27,051	-	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	LOCKHEED MARTIN CORPORATION	3.1	_	(1)	(1)	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	LOCKHEED MARTIN CORPORATION	4103493872	_	433,408	_	
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	MICHIGAN STATE UNIVERSITY NEW YORK UNIVERSITY	RC112086RFSUNY F731501	=	13,027 119,129	_	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	3.7-10030	_	(139,066)	_	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	4.8-10037	_	533,003	432,603	
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	NEXTFLEX NEXTFLEX	4.9 ADP PC 5.8 GE/SUNY	=	350,411 309,284	303,044 290,779	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	PC 3.7B GE/SUNY	_	775		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	NEXTFLEX NEXTFLEX	PC 5.8 GE/SUNY – 10049 PROJECT 5.2A	=	334,166 158,325	290,436 107,745	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX NEXTFLEX	PROJECT 5.2A PROJECT 5.4 – 10044	=	158,325 244,846	170,993	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	PROJECT 5.7 - 10048	_	237,805	209,635	
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	QUNNECT LLC	FA875020P1713	302.486	39,245	_	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			104,972	_	_	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			475,237		-	
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	XALLENT	140D0419C0096		39,454		7,174,687
Total U.S. Department of Defense				33,819,828	12,929,796	14,397,780	46,749,624
U.S. Department of Housing and Urban Development:		LIGHT HAND LATION DESCRIPTION AND MICROPHOPATER	NA				
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	14.000	HOME INNOVATION RESEARCH LABS INCORPORATED	NA.		11,772		11,772
Total U.S. Department of Housing and Urban Development					11,772		11,772
U.S. Department of the Interior: DEPARTMENT OF THE INTERIOR	45.000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10165		000 45-		
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10165 AM11043	_	208,163	11 385	
DEPARTMENT OF THE INTERIOR	15.000	NATURESERVE	NY034FY20	_	9,627		
DEPARTMENT OF THE INTERIOR	15.000			28,555	_	_	
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000	LINIVERSITY OF NEW HAMPSHIRE	17019	40,837	86 359	_	1 423 777
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	15.231	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM11059	=	807,254	_	807,254
FISH AND WILDLIFE COORDINATION ACT FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.517 15.608	WAYNE STATE UNIVERSITY	WSU20120	29.761	10,497	=	10,497
FISH AND WILDLIFE MANAGEMENT ASSISTANCE WILDLIFE RESTORATION AND BASIG HUNTER EDUCATION	15.608 15.611	ALASKA DEPARTMENT OF FISH AND GAME	COOP 19 051	29,761	230.428	=	29,761
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	KANSAS DEPARTMENT OF WILDLIFE PARKS AND TOURISM	W 125 R 1	-	17,211	_	
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	WLD1814 GG# 751 21-937	-	79,054	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance Listing			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		to subrecipients	federal grantor
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION WILD LIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611 15.611	MICHIGAN DEPARTMENT OF NATURAL RESOURCES MISSOURI DEPARTMENT OF CONSERVATION	WLD1815 GG# 751 21-938 76 B	s —	93,918 81 566	_	
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	NYS DEPARTMENT OF CONSERVATION	AMO8649		(27,721)	=	474,456
COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND	15.615	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM11059	_	170	_	414,400
COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND	15.615	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM11059	_	119	_	289
PARTNERS FOR FISH AND WILDLIFE	15.631	TIOGA COUNTY SOIL AND WATER CONSERVATION DISTRICT ARIZONA GAME AND FISH DEPARTMENT	2019-79 CTR052772 PO0000271731	_	236 44 164	_	236
STATE WILDLIFE GRANTS MIGRATORY BIRD JOINT VENTURES	15.634 15.637	CLEMSON UNIVERSITY	2274 216 2024437	_	44,164 10.087	=	44,164 10,087
MIGRATORY BIRD SOLINY VEHICLES OF SERVICES RESEARCH GRANTS (GENERIC)	15.650	NATIONAL FISH AND WILDLIFE FOUNDATION	22/4 216 202443/ 2005-0129-069B / 72403		8,057		8,057
RECOVERY ACT FUNDS – HABITAT ENHANCEMENT, RESTORATION AND IMPROVEMENT	15.656	TOTAL FIGURE WEDER E FOORDATION	2000-0125-00007-12400	618		_	618
ENDANGERED SPECIES RECOVERY IMPLEMENTATION	15.657			11,851	_	_	
ENDANGERED SPECIES RECOVERY IMPLEMENTATION	15.657			58,111	_	21,339	
ENDANGERED SPECIES RECOVERY IMPLEMENTATION ENDANGERED SPECIES RECOVERY IMPLEMENTATION	15.657 15.657			23,815 4,603	=		98 380
ENDANGERED SPECIES RECOVERY IMPLEMENTATION NATURAL RESOURCE DAMAGE ASSESSMENT AND RESTORATION	15.658			245,591			245.591
GREAT LAKES RESTORATION	15.662	NATIONAL AUDUBON SOCIETY INCORPORATED	NA	_	22,680	_	
GREAT LAKES RESTORATION	15.662			111,303	_	_	
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662 15.662			3,088 40.009	_	_	
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662			40,009 21 704	=		
GREAT LAKES RESTORATION	15.662			943	_	_	199.727
ADAPTIVE SCIENCE	15.670	NATURESERVE	NY 036 FY20	_	4,741	_	4,741
HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS	15.677	UNIVERSITY OF DELAWARE	49164	_	10,536	_	10,536
COOPERATIVE ECOSYSTEM STUDIES UNITS COOPERATIVE FCOSYSTEM STUDIES UNITS	15.678 15.678			3,523	_	_	14 832
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.076	CORNELL LINIVERSITY	78963-11244	11,309	20,000		14,032
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805	CORNELL UNIVERSITY	7896311356	_	9,949	_	
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805			3,383	_	_	
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES EARTHQUAKE HAZARDS PROGRAM ASSISTANCE	15.805			3,331	_	_	36,663
EARTHQUAKE HAZARDS PROGRAM ASSISTANCE EARTHQUAKE HAZARDS PROGRAM ASSISTANCE	15.807 15.807	UNIVERSITY OF SOUTHERN CALIFORNIA	131436480	23,008	30.000	_	53.008
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	AMERICAVIEW	AV18 NY 01		21.641		33,000
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			32,860	_	_	
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			46,882	_	_	
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			1,159	_	_	
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808 15.808			142,939 682	=	_	
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			45.239	_		291 402
AMERICAN BATTLEFIELD PROTECTION	15.926	HUDSON CROSSING PARK INC.	NA NA	-	11,044	_	
AMERICAN BATTLEFIELD PROTECTION	15.926	NYS OFFICE OF PARKS REC & HISTORIC PRESERVATION	PRK01-0000013031	_	49,918	_	
AMERICAN BATTLEFIELD PROTECTION AMERICAN BATTLEFIELD PROTECTION	15.926 15.926			38,601 43,091	_	=	142,654
AMERICAN BATHERIELD PROTECTION COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.926			18.908	_	_	142,034
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			32.534	=		
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			50,084	_	_	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			20,296	_	_	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945			20,296 9,902	=	=	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945 15.945			20,296 9,902 51,013	=	=	184 672
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945			20,296 9,902 51,013 1,935	2 990 024		184,672
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior	15.945 15.945 15.945			20,296 9,902 51,013	2,889,934	32,724	184,672 4,091,402
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TO COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TO AUGUST AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TO AUGUST AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TO AUGUST AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TO AUGUST AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TO AUGUST AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESOURCES OF THE NATIONAL	15.945 15.945 15.945 15.945			20,296 9,902 51,013 1,935 1,201,468	2,889,934	32,724	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM  COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM  COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM  COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM  TOtal U.S. Department of the Interior	15.945 15.945 15.945			20,296 9,902 51,013 1,935	2,889,934		
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior U.S. Department of Justice DEPARTM	15.945 15.945 15.945 15.945			20,296 9,902 51,013 1,935 1,201,468		32,724	4,091,402
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560			20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,362	=	32,724	4,091,402
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560			20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,362 87,886	= = =	32,724	4,091,402
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM  Total U.S. Department of the Interior  U.S. Department of Justice NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560			20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,362 87,886 162,745		32,724	4,091,402
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM  Total U.S. Department of Justice U.S. Department of Justice SESSARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560			20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,362 87,886	= = =	32,724 ————————————————————————————————————	4,091,402
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560 16.560 16.560 16.560 16.560			20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,362 87,886 162,745 51,808 235,668 199,090		32,724 ————————————————————————————————————	4,091,402 866,994
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560 16.560 16.560 16.560 16.560			20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,362 87,886 162,745 51,808 235,668 199,090 78,383	- - - - - - -	32,724 	4,091,402 866,994 1,057,519
COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH AND DEVELOPMENT GRADATE RESEARCH FELLOWSHIPS	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560	DEFICE OF VICTIM SERVICES AND HISTICE GRANTS	2295MN/II1	20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,362 87,886 162,745 51,808 235,668 199,090		32,724 ————————————————————————————————————	4,091,402 866,994 1,057,519 32,523
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560 16.560 16.560 16.560 16.560	OFFICE OF VICTIM SERVICES AND JUSTICE GRANTS FBIF COLINITY DEPARTMENT OF HEALTH	2021SMSV01 19530HF	20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,362 87,886 162,745 51,808 235,668 199,090 78,383	- - - - - - -	32,724 	4,091,402 866,994 1,057,519
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice: DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE MATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS CRIMMA USUND RESEARCH SAND DEVELOPMENT GRANTS CRIMMA JUSTICE RESEARCH AND DEVELOPMENT GRANTS CRIMMA JUSTICE RESEARCH SAND DEVELOPMENT GRANTS CRIMMA JUSTICE RESEARCH SAND DEVELOPMENT GRANTS CRIMMA SUSTITUTE OF JUSTICE RESEARCH SAND RESEARCH SERVICE GRANTS CRIMMA SUSTITUTE OF JUSTICE RESEARCH SAND RESEARCH SERVICE GRANTS CRIMMA SUSTITUTE OF JUSTICE RESEARCH SAND RESEARCH SERVICE GRANTS CRIMMA SUSTITUTE OF JUSTICE RESEARCH SAND RESEARCH SERVICE GRANTS CRIMMA SUSTITUTE OF JUSTICE RESEARCH SAND RESEARCH SERVICE GRANTS CRIMMA SUSTITUTE OF JUSTICE RESEARCH S	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560			20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,386 162,745 51,808 199,090 78,383 32,523		70,032 	4,091,402 866,994 1,057,519 32,523
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT ORANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH SAND DEVELOPMENT GRANTS OF THE PROJECT GRANTS OF TH	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560	ERIE COUNTY DEPARTMENT OF HEALTH	19530HE	20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 119,77 87,982 81,227 87,886 162,745 51,808 122,745 51,808 199,090 78,383 32,523	17,555 50,886 82,122	32,724 	4,091,402 866,994 1,057,519 32,523 17,555 133,008
COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH & EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH & EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH & EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH & EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH PROJECT GRA	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560	ERIE COUNTY DEPARTMENT OF HEALTH	19530HE	20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 174,577 67,386 162,745 51,808 199,090 78,383 32,523	17,555 50,886	70,032 	4,091,402 866,994 1,057,519 32,523 17,555
COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH SAND DEVELOPMENT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH SAND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH SAND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH SAND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH SAND DEVELOPMENT FROJECT GRANTS NATIONAL ORDER STREET ORDER SERVER SAND SERVER SAND SERVER SAND SERVER SER	15.945 15.945 12.945 13.945 16.000 16.000 16.000 16.500 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH	19530HE 19530HE	20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 119,77 87,982 81,227 87,886 162,745 51,808 122,745 51,808 199,090 78,383 32,523	17,555 50,886 82,122 150,563	32,724 	4,091,402 866,994 1,057,519 32,523 17,555 133,008
COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL JUSTICE RESEARCH AND DEVELOPMENT GRADATE RESEARCH FELLOWISHIPS CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS NATIONAL DISCRETE RESEARCH AND DEVELOPMENT GRADATE RESEARCH FELLOWISHIPS CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS NATIONAL DISCRETE RESEARCH AND DEVELOPMENT GRADATE RESEARCH FELLOWISHIPS CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS ORDER PROPERTION DISCRETE RESEARCH DESCRETIONARY GRANTS ORDER PROPERTION DISCRETE RESEARCH DESCRETIONARY GRANTS ORDER PROPERTION DISCRETE RESEARCH DISCRETIONARY GRANTS ORDER PROPERTION DISCRETE AND SECRETION DISCRETIONARY GRANTS ORDER PROPERTION DISCRETE PROBLET OF JUSTICE RESEARCH	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560 16.560	ERIE COUNTY DEPARTMENT OF HEALTH	19530HE	20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 119,77 87,982 81,227 87,886 162,745 51,808 122,745 51,808 199,090 78,383 32,523	17,555 50,886 82,122	32,724 	4,091,402 866,994 1,057,519 32,523 17,555 133,008
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS  CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRANTS  CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRANDATE RESEARCH FELLOWSHIPS  CRIMINAL JUSTICE RESEARCH ORD DEVELOPMENT GRADUATE RESEARCH FELLOWSHIPS  CRIMINAL JUSTICE RESEARCH ORD DEVELOPMENT FROJECT GRANTS  CRIMINAL JUSTICE RESEARCH ORD DEVELOPMENT FROJECT GRANTS  CRIMINAL JUSTICE RESEARCH ORD DEVELOPMENT FROJECT GRANTS  CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT FROJECT GRANTS  CRIMINAL JUSTICE FESTARCH ORD DEVELOPMENT FROJECT	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WAY INCORPORATED	19530HE 19530HE NA	20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 119,77 87,982 81,227 87,886 162,745 51,808 122,745 51,808 199,090 78,383 32,523	17,555 50,886 82,122 150,563 82,721 4,395	32,724 	4,091,402 866,994 1,057,519 32,923 17,555 133,008 2,107,599
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE RESEARCH. EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH. EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUT	15.945 15.945 15.945 15.945 16.000 16.000 16.560 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WAY INCORPORATED	19530HE 19530HE NA	20,296 9,902 51,013 1,935 1,201,468 27,972 839,022 119,77 87,982 81,227 87,886 162,745 51,808 122,745 51,808 199,090 78,383 32,523	17,555 50,886 82,122 150,563	32,724 	4,091,402 866,994 1,057,519 32,523 17,555 133,008 2,107,599
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RECOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATIONAL PROPERTING PROJECT GRANTS CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT PROJECT GRANTS CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT FROJECT GRANTS CRIMINAL JUSTICE RESEARCH PROJECT GRANTS CRIMINAL JUSTICE RESEA	15.945 15.945 13.945 15.945 16.000 16.000 16.000 16.500 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WAY INCORPORATED	19530HE 19530HE NA	20,296 9,902 51,013 1,835 1,201,468 27,972 839,022 67,386 102,745 51,003 23,003	17,555 50,886 82,122 150,563 82,721 4,395	32,724 	4,091,402 866,994 1,057,519 32,923 17,555 133,008 2,107,599
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH FOR AUGUST OF THE PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH FOR AUGUST OF THE PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH FOR AUGUST OF THE PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH FOR AUGUST OF THE PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH FOR AUGUST OF THE PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH FOR AUGUST OF THE PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH PROJECT RESEARCH FOR AUGUST OF THE PROJECT GRANTS NATIONAL TH	15.945 15.945 15.945 15.945 16.000 16.000 16.500 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WAY INCORPORATED	19530HE 19530HE NA	20.296 9,902 51.013 1.335 1.201.468 27.972 839.022 174.577 67.362 87.2838 87.2838 87.2838 87.2838 1.501.4838 235.668 199.090 78.383 32.523 ————————————————————————————————————	17,555 50,886 82,122 150,563 82,721 4,395	70.032 	4,091,402 866,994 1,057,519 32,523 17,555 133,008 2,107,599 87,116
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS OF THE PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH SAND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH SAND DEVELOPMENT PROJECT GRANTS OF THE PROJ	15.945 15.945 13.945 13.945 16.000 16.000 16.000 16.500 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WAY INCORPORATED	19530HE 19530HE NA	20.296 9,002 51,013 1,935 1,201,468 27,972 839,027 174,377 839,027 174,377 184,377 184,378 187,886 102,746 51,808 235,668 199,093 32,523 ————————————————————————————————————	17,555 50,886 82,122 150,563 82,721 4,395	32,724 	4,091,402 866,994 1,057,519 32,923 17,555 133,008 2,107,599
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice  DEPARTMENT OF JUSTICE  MICHAEL STATES OF STATES OF THE NATIONAL PARK SYSTEM COOPERATIVE OF JUSTICE  MICHAEL STATES  MICH	15.945 15.945 15.945 15.945 16.000 16.000 16.500 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WAY INCORPORATED	19530HE 19530HE NA	20.296 9,902 51.013 1,935 1,201,468 27,972 839,022 174,572 67,286 162,745 51,808 235,668 199,069 78,383 32,233 32,23 1,957,036	17,555 50,886 82,122 150,563 82,721 4,395	70.032 	4,091,402 866,994 1,057,519 32,523 17,555 133,008 2,107,599 87,116
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RECOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS  CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH FELLOWSHIPS  CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH FELLOWSHIPS  CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH FELLOWSHIPS  CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT FROGRAM  TOTAL U.S. Department of Justice  U.S. Department of Labor  DEPARTMENT OF LABOR  DEPARTMENT OF LABOR  DEPARTMENT OF LABOR  TOTAL JUSTICE DEPARTMENT OF LABOR  LABOR JUSTICE AND RESEARCH DEPARTMENT OF LABOR  DEPARTMENT OF LAB	15.945 15.945 13.945 13.945 16.000 16.000 16.000 16.000 16.500 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WAY INCORPORATED	19530HE 19530HE NA	20,296 9,902 51,013 1,835 1,201,468 27,972 839,022 87,886 162,745 51,808 23,088 23,088 24,833 32,523 ————————————————————————————————————	17,555 50,886 82,122 150,563 82,721 4,395	70.032 	4,091,402 866,994 1,057,519 32,523 17,555 133,008 2,107,599 87,116 87,116
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COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH OF THE TOTAL OF THE T	15.945 15.945 15.945 15.945 16.000 16.000 16.000 16.500 17.000 17	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WINY INCORPORATED WESTERN NY COUNCIL ON OCCUPATIONAL SAFETY & HEALTH  STANTEC CONSULTING SERVICES INC UNIVERSITY OF ARKANSAS TOXEL LLC CHITICAL OPS LIMITED LABILIATY CORPORATION NATIONAL ACADEMY OF SCIENCES	19530HE 19530HE NA NA NIA US0021241 2013007 18400.01	20.296 9,902 51,013 1,835 1,201,468 27,972 839,022 174,577 839,022 174,577 867,285 162,745 51,808 235,6688 199,093 32,523 ————————————————————————————————————	17,555 50,886 62,122 150,563 82,122 150,563 87,116 87,116 	32.724 	4,091,402 866,994 1,057,519 32,523 17,555 133,008 2,107,599 87,116 87,116 251,306 243,610 494,916
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE MATCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE NOT THE PART OF JUSTICE NOT SUBJECT TO SUBJECT RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS ORDINAL SYSTEM OF THE PROJECT GRANTS ORDINAL SYSTEM ORDINAL SYSTEM OF THE PROJECT GRANTS ORDINAL SYSTEM OF THE PROJECT GRANTS ORDINAL SYSTEM OF THE PROJECT GRANTS ORDINAL SYSTEM ORDINAL SYSTEM ORD	15.945 15.945 15.945 16.000 16.000 16.000 16.000 16.000 16.500 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WINY INCORPORATED WESTERN NY COUNCIL ON OCCUPATIONAL SAFETY & HEALTH  STANTEC CONSULTING SERVICES INC UNIVERSITY OF ARKANSAS UNIVERSITY OF ARKANSAS MOTAGLAND AND JOHNSON ENGINEERS INCORPORATED CRITICAL OPS LIMITED LABILITY CORPORATION	19530HE 19530HE 19530HE NA NA UA2021241 2267 227 227 227 227 227 227 227 227 22	20,296 9,902 51,013 1,835 1,201,468 27,972 839,022 67,386 162,745 51,003 23,003 168,000 168,000 175,461 114,644 114,644	17,555 50,886 82,721 4,395 87,716	32,724  70,032  64,086	4,091,402 866,994 1,057,519 32,523 17,555 133,008 2,107,599 87,116 87,116 251,306 243,610 494,916
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE MINIONAL INSTITUTE OF JUSTICE MINIONAL INSTITUTE OF JUSTICE MINIONAL INSTITUTE OF JUSTICE MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH PAULATION AND DEVELOPMENT PROJECT GRANTS MINIONAL INSTITUTE OF JUSTICE RESEARCH	15.945 15.945 15.945 15.945 16.000 16.000 16.500 17.000 17.000 17.000 19.000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.00000 20.00000 20.00000 20.00000000	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WINY INCORPORATED WESTERN NY COUNCIL ON OCCUPATIONAL SAFETY & HEALTH  STANTEC CONSULTING SERVICES INC UNIVERSITY OF ARKANSAS TOXCEL LICE MCFARLAND AND JOHNSON ENGINEERS INCORPORATED CRITICAL OF INITED LIABILITY COMPORATION NATIONAL ACADEMY OF SCIENCES PURDUE UNIVERSITY	19530HE 19530HE 19530HE NA NA NA UA201241 2019007 14490.01 HR00124 NCH9721975ULB001334 1610003916	20.296 9,902 51,013 1,835 1,201,468 27,972 839,022 174,577 839,022 174,577 867,285 162,745 51,808 235,6688 199,093 32,523 ————————————————————————————————————	17,555 50,886 82,122 150,563 82,721 4,395 87,116	32,724	4,091,402 866,994 1,057,519 32,523 17,555 133,008 2,107,599 87,116 87,116 251,306 243,610 494,916
COOPERATIVE RESEARCH AND TRANSING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANSING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRANSING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM TOTAL U.S. Department of the Interior  U.S. Department of Justice MANITONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH EVALUATION, AND DEVELOPMENT PROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT PROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT PROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT FROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT FROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT PROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT PROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT FROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT FROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT FROJECT GRANTS CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT PROJECT GRANTS  CRIMMAL JUSTICE RESEARCH AND DEVELOPMENT PROGRAM  TOTAL U.S. Department of Justice  U.S. Department of	15.945 15.945 15.945 16.000 16.000 16.000 16.000 16.000 16.500 16	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH GOODWILL INDUSTRIES OF WINY INCORPORATED WESTERN NY COUNCIL ON OCCUPATIONAL SAFETY & HEALTH  STANTEC CONSULTING SERVICES INC UNIVERSITY OF ARKANSAS TOXEL LLC CHITICAL OPS LIMITED LABILIATY CORPORATION NATIONAL ACADEMY OF SCIENCES	19530HE 19530HE 19530HE NA NA NIA  UA2021241 20150011 HR20124 NCHR021590B0001334	20,296 9,902 51,013 1,835 1,201,468 27,972 839,022 67,386 162,745 51,003 23,003 168,000 168,000 175,461 114,644 114,644	17,555 50,886 62,122 150,563 82,122 150,563 87,116 87,116 	32,724  70,032  64,086	4,091,402 866,994 1,057,519 32,523 17,555 133,008 2,107,599 87,116 87,116 251,306 243,610 494,916

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance Listing			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		to subrecipients	federal grantor
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C012872 C012872	s —	124,839 79,508	_	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	NYS ENERGY RESEARCH AND DEVELOPMENT AUTHORITY	PO0000117232	_	20,359	_	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RESEARCH FOUNDATION OF CUNY	555130329	_	17,200	_	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RESEARCH FOUNDATION OF CUNY	CM0000322300	_	45,211	_	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM0000249100	_	178,542		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM00002578 55513-02-29 CM0000366800	_	141,416	15,120	
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205	STANTEC CONSULTING SERVICES INC	PIN 7753.77	_	256,069 2,978	202,000	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	STANTEC CONSULTING SERVICES INC	PIN 7753.94	=	5.559	=	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	UNIVERSITY TRANSPORTATION RESEARCH CENTER	CM00002037 C-17-11 C030793	_	107,052	_	1,215,570
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002468	_	96,594	_	96,594
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA) DISCRETIONARY SAFETY GRANTS AND COOPERATIVE AGREEMENTS NATIONAL PRIORITY SAFETY PROGRAMS.	20.614	ICF INCORPORATED NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	2008062255 C002463	_	122,928 139,075	=	122,928 139.075
NATIONAL PRIORITI SAFETT PROGRAMS INIVERSITY TRANSPORTATION CENTERS PROGRAM	20.616	RITGERS UNIVERSITY	0617		198.585		139,075
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	RUTGERS UNIVERSITY	0825 PO1050667	_	1.721	_	
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	UNIVERSITY TRANSPORTATION RESEARCH CENTER	49198-35-28		(88)		200,218
Total U.S. Department of Transportation				176,672	2,127,205	305,218	2,303,877
U.S. Postal Service:							
U.S. POSIAI SERVICE US POSTAL SERVICE	22.000			9,381	_	_	
US POSTAL SERVICE	22.000			115,273	_	_	
US POSTAL SERVICE	22.000			4,027	_	_	
US POSTAL SERVICE	22.000			14,326			143,007
Total U.S. Postal Service				143,007			143,007
Appalachian Regional Commission:							
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			354,296	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			1,638	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			2,185 11,790	_	=	
INTERGOVERNIMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNIMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			11,790	=	=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			9,929	=	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			30,402	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			5,611	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			43,105 5.637	_	=	
IN TENGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			2,426	=	=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			9,791	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			11,547	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			20,324	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			5,288 58,595	_	_	
INTERGOVERNIMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNIMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			33.042	=	=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			109,763	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			82,322	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			62,304	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			43,066 62,606	_	=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			29.240		=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			5,089	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			24,759	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			10,827	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			39,046 29,305	_	=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			5,920	=	=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			24,573	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			4,875	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			26,851 31,153	=	=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			31,153 1,959			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			21,539	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			10,405	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			17,018	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			19,073 25,689	=	=	
INTERGOVERNIMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNIMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			25,689 4,601	_	=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			2,607		=	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			58,013	_	_	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			8,082 21,199	_	_	
INTERGOVERNIMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNIMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			(3,076)	_	_	1,390,253
Total Office of Personnel Management	21.011			1,390,253			1,390,253
				1,350,233			1,350,233
National Aeronautics and Space Administration: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	JET PROPULSION LABORATORY	1630420	_	50,513	_	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000		1030420	95,779	30,313	_	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000			12,901	_	_	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	ULTRA SAFE NUCLEAR CORPORATION	1811	_	174,820	_	334,013
SCIENCE SCIENCE	43.001 43.001	ARIZONA BOARD OF REGENTS ARIZONA STATE UNIVERSITY	1003795-003 1228404 12893	_	87,290 33.948	=	
SCIENCE SCIENCE	43.001	BANPIL PHOTONICS	1228404 12893 N/A	=	33,948	=	
SCIENCE	43.001	CALIFORNIA INSTITUTE OF TECHNOLOGY	1616830	_	38,487	_	
SCIENCE	43.001	INNOVATIVE DYNAMICS INCORPORATED	80NSSC220C0489	_	9,902	_	
SCIENCE	43.001	JET PROPULSION LABORATORY	1457128	_	134,276	_	
SCIENCE SCIENCE	43.001 43.001	JET PROPULSION LABORATORY JET PROPULSION LABORATORY	1546528 1550022	_	5,143 30	=	
SCIENCE SCIENCE	43.001	JET PROPULSION LABORATORY JET PROPULSION LABORATORY	1653773	_	40.669	=	
SCIENCE	43.001	JET PROPULSION LABORATORY	1657548	_	5,474	_	
SCIENCE	43.001	MAGNOLIA OPTICAL TECHNOLOGIES INCORPORATED	80NSSC20C0151	_	42,737	_	
SCIENCE	43.001			125,797	_		
SCIENCE SCIENCE	43.001 43.001			781,427 129,205	=	210,095	
SCIENCE SCIENCE	43.001			670	=	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance Listing			Direct	Pass-	Passed-	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-through grantor	number	Pass-through entity name	Pass-through number	expenditures	through expenditures	through to subrecipients	federal grantor
SCIENCE SCIENCE	43.001 43.001			\$ 89,321 135,011	=	=	
SCIENCE SCIENCE	43.001 43.001			64,058 29,257	_	_	
SCIENCE	43.001			172,531	=	87,797	
SCIENCE SCIENCE	43.001 43.001			92,790 99,582	Ξ	25,720	
SCIENCE	43.001			143,713	_	48,306	
SCIENCE SCIENCE	43.001 43.001			10,169 206,358	=	=	
SCIENCE SCIENCE	43.001 43.001			163,324 122,277	_	11,472 15,262	
SCIENCE	43.001			62,457	=	13,202	
SCIENCE SCIENCE	43.001 43.001			59,376 718	=	=	
SCIENCE	43.001			56,590	_	Ξ	
COVID-19 - SCIENCE SCIENCE	43.001 43.001			64,901 4,206	=	=	
SCIENCE SCIENCE	43.001 43.001			35,774 133,490	=	=	
SCIENCE	43.001			642	=	_	
SCIENCE SCIENCE	43.001 43.001			6,590 28.230	=	_	
SCIENCE SCIENCE	43.001 43.001			41,331	_	=	
SCIENCE	43.001			5,530	_	_	
SCIENCE SCIENCE	43.001 43.001			7,368 136.366	=	_	
SCIENCE SCIENCE	43.001 43.001			16,369 34,435	_	_	
SCIENCE	43.001			31,023	=	=	
SCIENCE SCIENCE	43.001 43.001			79,724 16.768	_	_	
SCIENCE	43.001			28,374	=	_	
SCIENCE SCIENCE	43.001 43.001	RADIATION MONITORING DEVICES INCORPORATED	C2118	11,815	27,062	Ξ	
SCIENCE SCIENCE	43.001 43.001	REGENTS OF THE UNIVERSITY OF CALIFORNIA SETI INSTITUTE	0995SYA463 SC 3415	_	58,547 42 411	_	
SCIENCE	43.001	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	G0718071B	_	6.264	_	
SCIENCE SCIENCE	43.001 43.001	SMITHSONIAN ASTROPHYSICAL OBSERVATORY SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO819116X GO920111A	=	18,755 431	Ξ	
SCIENCE SCIENCE	43.001 43.001	SMITHSONIAN ASTROPHYSICAL OBSERVATORY SMITHSONIAN ASTROPHYSICAL OBSERVATORY	SV009004 SV686017	_	59,806 38,954	_	
SCIENCE	43.001	SPACE SCIENCE INSTITUTE	01003	_	16,390	_	
SCIENCE SCIENCE	43.001 43.001	SPACE TELESCOPE SCIENCE INSTITUTE SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15210.005-A HSTGO15957003A	=	1,297 16.114	=	
SCIENCE	43.001 43.001	UNIVERSITIES SPACE RESEARCH ASSOCIATION UNIVERSITY OF TEXAS AT SAN ANTONIO	0225006	_	8,229	_	
SCIENCE SCIENCE	43.001	WOODS HOLE OCEANOGRAPHIC INST	1000003507 A101499 23128900	_	1,290 64,685	=	
SCIENCE SCIENCE	43.001 43.001	YALE UNIVERSITY YALE UNIVERSITY	GR102117CON80001155 GR108275CON80002120	_	26,602 45,785	=	4,089,020
AERONAUTICS	43.002	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	09726518302	_	66,646	_	66,646
EXPLORATION EXPLORATION	43.003 43.003			81,659 375,030	=	=	
EXPLORATION SPACE OPERATIONS	43.003 43.007			4,187 42.860	_	=	460,876
SPACE OPERATIONS	43.007			33,267	=	_	
SPACE OPERATIONS OFFICE OF STEM ENGAGEMENT (OSTEM)	43.007 43.008	CORNELL LINIVERSITY	76156-10482	52,420	529	_	128,547
OFFICE OF STEM ENGAGEMENT (OSTEM) OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008 43.008	CORNELL UNIVERSITY CORNELL UNIVERSITY	90830 20373 9083020374	=	10,000 5.000	=	
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008	CORNELL UNIVERSITY	9083020377	_	6,500	=	
OFFICE OF STEM ENGAGEMENT (OSTEM) OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008 43.008	NASA NY SPACE GRANT CONSORTIUM XAVIER UNIVERSITY OF LOUISIANA	NA ORSP2121681201C	=	803 272	=	23,104
SAFETY, SECURITY AND MISSION SERVICES SPACE TECHNOLOGY	43.009 43.012	JET PROPULSION LABORATORY	1529702	86	123 622	_	86
SPACE TECHNOLOGY	43.012	JET PROPULSION LABORATORY	1529702	4,957	123,622	=	
SPACE TECHNOLOGY SPACE TECHNOLOGY	43.012 43.012			53,484 112,418	=	=	294,481
Total National Aeronautics and Space Administration				4,096,615	1,300,158	398,652	5,396,773
National Endowment for the Arts:	45.004			0.000			6.600
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.024 45.162			6,600 41	=	=	6,600 41
PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	45.164 45.164			6,032 4,106	=	=	10,138
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.169			5,919		=	
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES NATIONAL LEADERSHIP GRANTS	45.169 45.312	UNIVERSITY OF NOTRE DAME FLORIDA STATE UNIVERSITY	203283SUNY R02157	=	15,253 2,092	=	21,172
NATIONAL LEADERSHIP GRANTS	45.312			129,655	-	34,509	
NATIONAL LEADERSHIP GRANTS NATIONAL LEADERSHIP GRANTS	45.312 45.312			65,403 55,959	_	24,997	253,109
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313 45.313			108,903 142,994	=	68,750	251,897
Total National Endowment for the Arts				525,612	17,345	128,256	542,957
National Science Foundation:							
NATIONAL SCIENCE FOUNDATION COVID-19 – NATIONAL SCIENCE FOUNDATION	47.000 47.000	JACOBS TECHNOLOGY INCORPORATED MANHATTAN BIOSOLUTIONS LLC	PO# SN71748FMS 2029504	=	18,882 35,158	Ξ	
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000			36,966 86,712		_	
NATIONAL SCIENCE FOUNDATION	47.000			120,403	_	105,663	
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000			196,231 20.117	Ξ	=	
	500						

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance Listing	Programme and the control	Pass-through number	Direct expenditures	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	to subrecipients	federal grantor
NATIONAL SCIENCE FOUNDATION	47.000			\$ 2,579	_	_	
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000			266,806 197,577	_	_	
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000			702	_		
NATIONAL SCIENCE FOUNDATION	47.000			260,728	_	_	
COVID-19 – NATIONAL SCIENCE FOUNDATION	47.000			19,140	_	_	1,262,001
ENGINEERING	47.041	BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA	2505210210002	-	45,119	_	
ENGINEERING	47.041	CYTOCYBERNETICS	NA NA	_	50,334	=	
ENGINEERING FINGINEFRING	47.041 47.041	FERRIC CONTRAST JOHNS HOPKINS UNIVERSITY	NA 2003968690	_	109,000 22,543		
ENGINEERING	47.041	MECHANISMIC INCORPORATED	SBIR 1843476	=	618	=	
ENGINEERING	47.041	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	0006883101	_	87,881	_	
ENGINEERING	47.041	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	0006883102	_	102,979	_	
ENGINEERING	47.041	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	0007041701		60,829	_	
ENSINEERING ENSINEERING	47.041 47.041			9,495 5,420		=	
ENGINEERING	47.041			69.385	=	=	
ENGINEERING	47.041			59,612	_	_	
ENGINEERING	47.041			14,370	_	_	
ENGINEERING ENGINEERING	47.041 47.041			65,953 64,662	=	_	
ENGINEERING FNGINEFRING	47.041			41.232	_		
ENGINEERING	47.041			8,383	_	_	
ENGINEERING	47.041			103,726	_	_	
ENGINEERING	47.041			29,396	_	_	
ENGINEERING ENGINEERING	47.041 47.041			97,448 94,635	=	_	
ENGINEERING FNGINFFRING	47.041 47.041			94,635 160.447		=	
ENGINEERING	47.041			50.187	_	_	
ENGINEERING	47.041			121,858	_	_	
ENGINEERING	47.041			106,123	_	_	
ENGINEERING ENGINEERING	47.041			74,343	_	_	
ENGINEERING FNGINFFRING	47.041 47.041			142,203 9.017	_	_	
ENGINEERING ENGINEERING	47.041			94,707	_	=	
ENGINEERING	47.041			13,999	_	_	
ENGINEERING	47.041			14,313	_	_	
ENGINEERING	47.041			21,445	_	_	
ENGINEERING ENGINEERING	47.041 47.041			62,470 65,180	_	=	
ENGINEERING ENGINEERING	47.041			17,103	_	_	
ENGINEERING	47.041			116,089	_	_	
ENGINEERING	47.041			119,832	_	_	
ENGINEERING	47.041			18,108	_	_	
ENGINEERING ENGINEERING	47.041			39,238	_	_	
ENGINEERING ENGINEERING	47.041 47.041			12,073 29,243	_	_	
ENGINEERING	47.041			70,511			
ENGINEERING	47.041			41,979	_	_	
ENGINEERING	47.041			13.240	_	_	
ENGINEERING	47.041			99,721	_	_	
ENGINEERING ENGINEERING	47.041 47.041			83,385 10,107	_	=	
ENGINEERING ENGINEERING	47.041 47.041			10,107 48,521	=	=	
ENGINEERING	47.041			78,196	_	_	
ENGINEERING	47.041			63,520	_	30,378	
ENGINEERING	47.041			36,684	_	_	
ENGINEERING	47.041			35,185	_	=	
ENGINEERING ENGINEERING	47.041 47.041			77,614 34,643	=	=	
ENGINEERING	47.041			104,114	=	=	
ENGINEERING	47.041			31,455	_	_	
ENGINEERING	47.041			64,385	_	_	
ENGINEERING	47.041			108,177	_	_	
ENGINEERING ENGINEERING	47.041 47.041			33,582 35,780	_	_	
ENGINEERING ENGINEERING	47.041			127,685	_	=	
ENGINEERING	47.041			68,963	_	_	
ENGINEERING	47.041			55,532	_	_	
ENGINEERING	47.041			46,834	_	_	
ENGINEERING	47.041			4,628	_	=	
ENGINEERING ENGINEERING	47.041 47.041			103,628 40,614	=	=	
ENGINEERING ENGINEERING	47.041			6,650	_		
ENGINEERING	47.041			126,777	_	52,000	
ENGINEERING	47.041			2,463	_	_	
ENGINEERING	47.041			49,864	_	_	
ENGINEERING	47.041			5,339	Ξ	=	
ENGINEERING ENGINEERING	47.041 47.041			13,525 40,892			
ENGINEERING	47.041			33,044	=	_	
ENGINEERING	47.041			29,064	_	_	
ENGINEERING	47.041			5,550	_	_	
ENGINEERING FINGINEFRING	47.041			9,946	=	_	
ENGINEERING ENGINEERING	47.041 47.041			102,499 11,154	_	_	
ENGINEERING ENGINEERING	47.041			91.979	_	=	
ENGINEERING	47.041			80,000	_	_	
ENGINEERING	47.041			185,743	_	_	
ENGINEERING	47.041			192,817	_	-	
ENGINEERING ENGINEERING	47.041 47.041			154,127 39,730	=	63,524	
ENGINEERING FNGINFFRING	47.041 47.041			39,730 82.419			
ENGINEERING	47.041			99,607	_	_	
ENGINEERING	47.041			115,062	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance Listing			Direct	Pass- through	Passed- through	Total expenditures by CFDA and
Federal grantor/federal subdivision or pass-throug ENGINEERING	h grantor number 47.041	Pass-through entity name	Pass-through number	expenditures 62,864	expenditures	to subrecipients 38,569	federal grantor
ENGINEERING	47.041		•	703	=	30,569	
ENGINEERING ENGINEERING	47.041 47.041			5,672 121,065	_	=	
ENGINEERING	47.041			21,933	=	_	
ENGINEERING ENGINEERING	47.041 47.041			12,309	_	9,690	
ENGINEERING	47.041 47.041			26,510 73,373	=	9,690	
ENGINEERING	47.041			47,778	_	_	
ENGINEERING ENGINEERING	47.041 47.041			21,369 48,940	_	=	
COVID-19 – ENGINEERING	47.041			70,616	_		
ENGINEERING ENGINEERING	47.041 47.041			7,918 147,552	_	3,525	
ENGINEERING	47.041			(2,391)	_	_	
ENGINEERING ENGINEERING	47.041 47.041			29,334 28,830	_	_	
ENGINEERING	47.041			22,448	_	_	
ENGINEERING ENGINEERING	47.041 47.041			96,996 48,462	_	_	
ENGINEERING	47.041			170,813	_	_	
ENGINEERING	47.041			105,254	_	_	
ENGINEERING ENGINEERING	47.041 47.041			236,858 44,099	=	_	
ENGINEERING	47.041			22,711	_	_	
ENGINEERING ENGINEERING	47.041 47.041			81,184 134,161	=	=	
ENGINEERING	47.041			66,540	_	_	
ENGINEERING ENGINEERING	47.041 47.041			72,391 97,280	Ξ	=	
ENGINEERING	47.041			857,142	_	_	
ENGINEERING ENGINEERING	47.041 47.041			174,403 118,741	_	78,237	
ENGINEERING	47.041 47.041			118,741 55,159	=	=	
ENGINEERING ENGINEERING	47.041 47.041			278,268	=	81,094	
ENGINEERING ENGINEERING	47.041 47.041			6,655 46,294	=	=	
ENGINEERING	47.041			2,204	_	_	
ENGINEERING ENGINEERING	47.041 47.041			57,784 146.836	=	_	
ENGINEERING	47.041			71,713	_	_	
ENGINEERING ENGINEERING	47.041 47.041			56,215 37,063	=	_	
ENGINEERING	47.041			20,863	_	_	
ENGINEERING ENGINEERING	47.041 47.041			59,633 83,613	_	=	
ENGINEERING	47.041 47.041			83,613 148,925	=	=	
ENGINEERING	47.041			20,374	_		
ENGINEERING ENGINEERING	47.041 47.041			120,889 63,471	=	29,065	
ENGINEERING	47.041			3,747	_	_	
ENGINEERING ENGINEERING	47.041 47.041			13,806 7,640	_	_	
ENGINEERING	47.041			59,242	_	_	
COVID-19 – ENGINEERING ENGINEERING	47.041 47.041			12,314 24 115	_	_	
ENGINEERING	47.041			5,999	_	_	
ENGINEERING COVID-19 – ENGINEERING	47.041 47.041	NEUROVASCULAR DIAGNOSTICS INCORPORATED ONAL	NA N/A	_	14,432	_	
ENGINEERING ENGINEERING	47.041	OHIO STATE UNIVERSITY	60076746	=	46,246	_	
ENGINEERING ENGINEERING	47.041 47.041	RECTORS & VISITORS OF THE UNIVERSITY OF VIRGINIA REGENTS OF THE UNIVERSITY OF MICHIGAN	GA11441PO2202237 3004155742	=	106,889 36.575	_	
ENGINEERING	47.041	SIPPA SOLUTIONS LIMITED LIABILITY CORPORATION	NSF-1831214-SUB-SUNY	=	17.898	_	
ENGINEERING ENGINEERING	47.041 47.041	SANTA FE QUANTUM SOLUTIONS SYRACUSE UNIVERSITY	NA 2825004301S28	_	70,018 4.676	_	
ENGINEERING ENGINEERING	47.041 47.041	SYRACUSE UNIVERSITY TEGA THERAPEUTICS	2825004301S28 2026188	_	4,676 46.022	=	
ENGINEERING	47.041	TEGA THERAPEUTICS	IIP1842736	_	118	_	
ENGINEERING ENGINEERING	47.041 47.041	UNIVERSITY OF NORTH TEXAS UNIVERSITY OF NORTH TEXAS	GF30099 NT752 0000234438 GF300811	_	21,317	=	
ENGINEERING	47.041	UNIVERSITY OF TEXAS AT ARLINGTON	126100645061	_	51,406	_	
ENGINEERING SCIENTIFIC RESEARCH PROJECT SUPPORT	47.041 47.047	VILLANOVA UNIVERSITY	P1801544 21657/ 45045	29,963	28,960	=	10,362,209 29,963
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	AMERICAN PHYSICAL SOCIETY	OMG20181		3,754	_	,
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	ASSOCIATED UNIVERSITIES INCORPORATED	PO 370415	9,489	6,982	=	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			58,670	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			40,431 115,688	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			115,688 85,358	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			22,618	_	12,649	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			133,221 56,282	_	=	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			86,639	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			131,798 55,384	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			70,425	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			40,586 281,600	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			91,161	=	_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			18,428	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			27,570 14,821	=	_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			104,204	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			18,213 11,239	_	_	
	47.045			,200	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

		Assistance Listing		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
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		\$ 50,029 46,361	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		55,706	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		118,016 115,187	_	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		196,979	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		12,981	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		68,715 68.245	_	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		33,480	_	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		92,759	-	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		6,613 59,774	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		175,650	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		101,526 4.232	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049		61,792	_	50,970	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		3,772	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		37,500 61,504	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		158,018	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		10,839	_	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		45,010 98.266	_	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		64,501	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		82,679 129.073	=	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		104,001	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		122,367	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		129,110 73,456	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		105,430	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		59,161	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		117,914 110,705	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		74,726	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		251,827	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		78,624 91,973	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		69,764	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		80,157 101.133	_	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		60,799	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		25,565	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		42,780 71 498	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		116,739	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		454,300 20.695	=	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		20,695	=	41,401	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		30,766	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		99,202 1 173	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049		54,574	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		46,785	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		7,593 118.105	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		20,558	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		1,340 196,000	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049		49,364	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		84,799	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		31,125 153,565	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		40,656	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		96,845 95.891	_	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		95,891	_		
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		184,162	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		195,708 33.315	=	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049		43,254			
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		237,118	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		131,442 93.623	=	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		14,429	=	_	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		49,516	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		124,428 (468)	=	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		170,252	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		14,289 138,784	_	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049		138,784	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		24,510	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		(200) 31,600	=	Ξ	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		17,259	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		24,233	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		54,572 28,458		=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		8,077	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		(1,378)	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES		47.049 47.049		62,400 2,983	=	=	
MATHEMATICAL AND PHYSICAL SCIENCES		47.049		36,332	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Marie   Mari		Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
Marchell of Control							_	_	
Marie   Mari							_		
### Company of the Co									
March Color   1985									
Marie									
Company   Comp	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049						
Marie Marie Control									
MINISTER	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049						
Marie   Mari	MATHEMATICAL AND PI	HYSIGAL SCIENCES LUVEICAL SCIENCES	47.049				_		
WATER   Company   Compan	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			64 717			
MIRANDO ADMINISTRATION OF CONTROL OF CONTR	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			55,088	_		
WINDERSON, AND PROPERTY SOUTHERN STATES   1000	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			28,794	_	_	
WASHINGS AND PRINCE SPIRED   148	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			139,583	_	_	
WINDERSON AND PROPERLY SERVICES   18	MATHEMATICAL AND PI	HYSIGAL SCIENCES LUVEICAL SCIENCES	47.049				_	_	
March   Marc	MATHEMATICAL AND P	HYSICAL SCIENCES					_	_	
March No.   Marc	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			2,682	_	_	
Mile	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			31,896	_	_	
MIRESTANDE ADDRESS   5 00	MATHEMATICAL AND PI	HYSICAL SCIENCES				33,700	_		
MINISTRATON AND PROFESS CEREBOOKS  MINISTRATON AND	MATHEMATICAL AND D	HYSICAL SCIENCES LIVEICAL SCIENCES					_		
WHEATOL AND PAYMES CERES   4796   1,100   1,10	MATHEMATICAL AND P	HYSICAL SCIENCES	47.049			40.371	=	=	
Marinamonia	MATHEMATICAL AND PI	HYSICAL SCIENCES					_		
MARENTOLA ADENTICAL SEPECTS  4794  MARENTOLA ADENTI									
MERBATICA AD PRIVED ASDECISES   1936   193									
Ministration   Mini									
MARCANICAL AD PROPERTY CONCESS   C	MATHEMATICAL AND PI	HYSICAL SCIENCES						8,650,710	
MINISHANDEL AD HYPITCLE SORDIES  (2) 40  MINISHANDEL AD HYPITCLE SORDIES  (3) 40  MINISHANDEL AD HYPITCLE SORDIES  (4) 40  MINISHANDEL AD HYPITCLE SORDIES  (4) 40  MINISHANDEL AD HYPITCLE SORDIES  (5) 40  MINISHANDEL AD HYPITCLE SORDIES  (6)								_	
M-SEARTOL, AD PRINCE, SEDICIS   Company   Co									
Mile Man Principe Schools Scho									
MINERALDELA MONTROLAS ESCREÉS	MATHEMATICAL AND PI	HYSICAL SCIENCES							
Michannel And Princial Societies  Michan	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			524,767	_	_	
MATHEMATICAL AND PRESENCE SIGNACES  APPENDENCE SIGN	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			170,999			
MATERATICA ARD PRESENT SERVICES  AND PRESENT	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049				_		
MATHAMPER, ASSPRICES  APPRICA DESCRIPTION  APPRICA	MATHEMATICAL AND PI	HYSIGAL SCIENCES LUVEICAL SCIENCES	47.049				_		
MERANCA ASP PRIVEAL PRICES  4 769  MERANCA ASP PRIVEAL PRIVEA	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			25.358			
MERANTICA, AND PRIVEDA, SODICISES  MERANTICA, AND P	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			124,027	_	_	
MATHEMATICAL AND PRIVENAL SCIENCES 47-98 MATHEMATICAL AND PRIVENAL SCIENCES 47	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			53,266	_	_	
MATEMATICAL ADD PROPERTY SERVICES  MATEMATICAL ADD	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049				_	_	
MATEMATICA, AND PRIVACE, SCENCES  MATEMA	MATHEMATICAL AND PI	HYSICAL SCIENCES HYSICAL SCIENCES	47.049			/11,5/8 95.891			
MATERIATION, AND PRIVISOR, SIGNECES  MATERIATION	MATHEMATICAL AND P	HYSICAL SCIENCES				163,769			
MATERNATICAL AND PRISSAL SCIENCES  MATERNATICAL AND	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			175			
MATERIATION, AND PRIVICAL, AND PRIVICAL SCIENCES  MATERIATION, AND	MATHEMATICAL AND PI	HYSICAL SCIENCES	47.049			64,666			
MATERIATION, AND PRIVICAL, AND PRIVICAL AND PRIVI							_		
MATERIATIOL, AND PRYSICAL, SOERCES MATERIATION, AND PRYSICAL SOERCES MATERIATION, AND PROSPECTION OF A STATE OF A ST				OCCIDENTAL COLLEGE	OXYCURM0033		5 184		
MINEMATICA, ADD PHYRICA, SOEMACES  MINEMATICA, ADD	MATHEMATICAL AND PI	HYSICAL SCIENCES		OHIO STATE UNIVERSITY		_	111,720	_	
MATERIATIOL, AND PYRICALS CERELES   47 948   TRUSTEES OF COLLARIA AND PYRICAL SCIENCES   18,150   18,150   17,050   18,1									
MATHEMATICAL AND PHYSICAL SCIENCES  MATHEMATICAL AND PHYSICAL SCIE									
MATHEMATICAL AND PRISIOLAS CIENCES  GEOLOGICACIONES  GEOL				TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK					
GEORGIENCES   47.500   50.440.07   FECENTS OF THE LINWERSHTY OF OLL-HUMA   20.2115	MATHEMATICAL AND PI	HYSICAL SCIENCES		UNIVERSITY OF ROCHESTER					24.031.937
CROSCIPICES   47.00   50.00	GEOSCIENCES			BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA		_		_	
CEOSCHENCES   47.05	GEOSCIENCES		47.050	BOWLING GREEN STATE UNIVERSITY					
GEOSCIENCES GEOSCI	GEOSCIENCES		47.050	BROOKHAVEN SCIENCE ASSOCIATES LLC		_	23,977		
GEOSCIENCES GEOSCI	GEOSCIENCES		47.050	COLUMBIA DRIVERSITI	70 (GG008383) FOWG 12014	10.752			
GEOSCIENCES GEOSCI	GEOSCIENCES		47.050			46,938	_	_	
GEOSCIENCES   47.050   50.776	GEOSCIENCES		47.050			79,905			
GEOSCIENCES GEOSCI	GEOSCIENCES		47.050			39,709	_	_	
GEOSCIENCES GEOSCI	GEOSCIENCES						_	_	
GEOSCIENCES GEOSCI	GEOSCIENCES		47.050			47.013	_	_	
GEOSCIENCES	GEOSCIENCES		47.050			79,654	_	_	
GEOSCIENCES GEOSCI	GEOSCIENCES					69,568	_		
GEOSCIENCES	GEOSCIENCES						_		
GEOSCIENCES GEOSCI	GEOSCIENCES		47.050			3 240			
GEOSCIENCES GEOSCI	GEOSCIENCES		47.050			113,030	_		
GEOSCIENCES GEOSCIENCES 47.050 GEOSCIENCES 47.050 GEOSCIENCES 47.050 GEOSCIENCES 47.050 GEOSCIENCES 47.050 GEOSCIENCES 47.050 GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES 47.050 GEOSCIENCES GEOSCIENCES 47.050 GEOSCIENCES GEOSCIE						69,334	_		
GEOSCIENCES  47.050 GEOSCIENCES							_		
GEOSCIENCES							_		
GEOSCIENCES  47.050  GEOSCIENCES									
GEOSCIENCES 47.050 GEOSCIENCES GEOSCIENCES GEOSCIENCES 47.050 GEOSCIENCES GEOSCIENCES 47.050 GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES GE							_	_	
GEOSCIENCES 47.050 GEOSCIENCES GEOSCIENCES 47.050 GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES 47.050 GEOSCIENCES GEOSCIENCES GEOSCIENCES GEOSCIENCES 47.050 GEOSCIENCES 47.050 GEOSCIENCES 47.050 GEOSCIENCES 47.050 GEOSCIENCES									
GEOSCIENCES  47.050 GEOSCIENCES									
GEOSCIENCES 47.050 29.124 — — — — — — — — — — — — — — — — — — —									
GEOSCIENCES 47.050 14.6.83 — — — — — — — — — — — — — — — — — — —	GEOSCIENCES		47.050			29,124			
GEOSCIENCES 47.050 120.093 — GEOSCIENCES 47.050 120.093 — GEOSCIENCES 47.050 45.23 — GEOSCIENCES 47.050 77.773 — GEOSCIENCES 47.050 77.773 — GEOSCIENCES 47.050 77.050 15.74 — GEOSCIENCES 47.050 15.74 — GEOSCIEN	GEOSCIENCES		47.050						
GEOSCIENCES 47.050 45.323 — GEOSCIENCES 47.050 45.323 — GEOSCIENCES 47.050 47.0	GEOSCIENCES		47.050						
GEOSCIENCES 47.050 77.773 — — — — — — — — — — — — — — — — — —	GEOSCIENCES		47.050						
GEOSCIENCES 47.050 230,396 — — GEOSCIENCES 47.050 16,734 — — GEOSCIENCES 47.050 49,071 — — — — — — — — — — — — — — — — — — —	GEOSCIENCES		47.050			45,323 77,773	_	=	
GEOSCIENCES 47.050 16.734 — — GEOSCIENCES 47.050 49.071 — —	GEOSCIENCES		47.050			230,396	=	=	
GEOSCIENCES 47.050 49.071 — — — — — — — — — — — — — — — — — — —	GEOSCIENCES		47.050			16,734	_	_	
GEUSCHEPULES 47.USU 198.227 — —	GEOSCIENCES		47.050				_	_	
	GEUOGIENGEO		47.000			190,227	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance Listing			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 GEOSCIENCES	47.050 47.050			\$ 397 29,887	=		
GEOSCIENCES	47.050			223,644	_	_	
GEOSCIENCES	47.050			9,085	_	=	
GEOSCIENCES GEOSCIENCES	47.050 47.050			63,766 31.616	=	_	
GEOSCIENCES GEOSCIENCES	47.050			67,370	=	15,558	
GEOSCIENCES	47.050			5,003	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			66,375 28 978	_	_	
GEOSCIENCES GEOSCIENCES	47.050			6,673	=	_	
GEOSCIENCES	47.050			140,698	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			8,123 63,552	_	=	
GEOSCIENCES	47.050			89,685	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			113,310 71,477	_	34,000	
GEOSCIENCES GEOSCIENCES	47.050			140.806	_	_	
GEOSCIENCES	47.050			53,997	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			101,803 235,532	_	=	
GEOSCIENCES GEOSCIENCES	47.050			65,390	_	_	
GEOSCIENCES	47.050			29,297	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			103,443 65,694	_	=	
GEOSCIENCES GEOSCIENCES	47.050			65,393	_	=	
GEOSCIENCES	47.050			25,971	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			18,502 10,449	_	_	
GEOSCIENCES	47.050			6,695	=	=	
GEOSCIENCES	47.050			41,749	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			6,495 92,395	_	_	
GEOSCIENCES	47.050			3,794	=	_	
GEOSCIENCES	47.050			82,730	_	34,823	
GEOSCIENCES GEOSCIENCES	47.050 47.050			37,230 8,144	_		
GEOSCIENCES	47.050			5,014	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			37,482	=	=	
GEOSCIENCES GEOSCIENCES	47.050 47.050			135,455 17 912	=	=	
GEOSCIENCES	47.050			253,514	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			152,582 111.882	_	=	
GEOSCIENCES GEOSCIENCES	47.050 47.050			111,882	=	=	
GEOSCIENCES	47.050			209,267	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			63,010 22,760	_	_	
GEOSCIENCES GEOSCIENCES	47.050			44.236	_	_	
GEOSCIENCES	47.050			9,947	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			11,065 104,616	_	_	
GEOSCIENCES GEOSCIENCES	47.050			40.070	=		
GEOSCIENCES	47.050			117,701	_	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050			41,074 1,060	=	_	
GEOSCIENCES	47.050	REGENTS OF THE UNIVERSITY OF CALIFORNIA	KK2041	- 1,000	31,682	_	
GEOSCIENCES	47.050	ROCHESTER INSTITUTE OF TECHNOLOGY	31631-01	-	3,860	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	56GG009393 P2013314 SUBAWD002388	_	15,462 44,492	=	
GEOSCIENCES	47.050	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	SUBAWD001567	_	4,547	_	
GEOSCIENCES	47.050	UNIVERSITY OF CALIFORNIA AT DAVIS	A170253S006	_	103,675	_	
GEOSCIENCES GEOSCIENCES	47.050 47.050	UNIVERSITY OF NEW MEXICO UNIVERSITY OF WASHINGTON	133660-87Y4 UWSC11170 BPO43817	=	417,539 8,973	_	
GEOSCIENCES	47.050	UTAH STATE UNIVERSITY	202743 676	_	11,283	_	
GEOSCIENCES COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.050 47.070	WASHINGTON UNIVERSITY AKAI KAERU LLC	WU-19-15/PO# 2934000G 1926949	_	745 34,469	=	7,083,216
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	AKAI KAERU LLC	NA	=	(732)	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	ARIZONA BOARD OF REGENTS	ASUB00000214 CIF2020SBU57	-	23,032 58,900	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	COMPUTING RESEARCH ASSOCIATION CORNELL UNIVERSITY	CIF2020SBU57 7622110548	=	58,900 292.823	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	INTEL CORPORATION	56095409	_	10,703	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			24,151 22,690	_	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			14,351	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			73,095	-	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPITER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			19,552 126 489	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			82,819	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			92,628 147.600	_	40,100	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			147,600 53,196	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			129,293	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			94,113 40,232	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			111,375	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			97,327	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			96,521 129,594	_	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			129,594 74,939	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			37,820	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			59,231 46,706	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			38,693	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			27,807	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47 070			\$ 52.559			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			38 484			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47 070			15.735	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			2,931	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			1,860,138	_	335,594	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			6,376	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			940 544 784	_	202 574	
COMPUTER AND INFORMATION SCIENCE AND ENSINEERING COMPUTER AND INFORMATION SCIENCE AND ENSINEERING	47.070 47.070			544,784 536.504	=	393,574	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			52.921	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			135,777	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			174,915	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			35,852	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			29,196	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENSINEERING COMPUTER AND INFORMATION SCIENCE AND ENSINEERING	47.070 47.070			157,448 9,470	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			7,532	=		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			88.730	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			122,404	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			126,301	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			33,291	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			24,812	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			58,715 180,530	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			87 689			
COMPLITER AND INFORMATION SCIENCE AND ENGINEERING	47.070			80.585			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			117,897	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			121,392	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			63,745	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			84,093	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			52,368 91.797	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			91,797	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			48.637	=		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			51.153	=		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			183,405	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			89,074	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			32,633	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			86,802	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			93,710	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			62,355 22.077	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			85,952	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			5.873	=		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			51,062	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			3,145	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			(1,309)	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			6,084	_	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			(2,328) 105.562	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			105,562	_		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			61 787			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			40.571	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			182,613	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			62,570	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			11,182	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			56,635	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			1,469 8 788	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			85.249	=		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			142	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			7,326	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			54,004	_	_	
COMPLITER AND INFORMATION SCIENCE AND ENGINEERING	47.070			104,053	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			203,401	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			38,324 15,392	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			15,392 91,992		24,962	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			127.604	_	24,002	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			26,139	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			36,359	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			103,688	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			15,906	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			64,114	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			72,049 4.680	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			4,680 507	_		
COMPLIFER AND INFORMATION SCIENCE AND ENGINEERING	47.070			214 586	_		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			370,332	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			11,569	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			76,255	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			128,154	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			122,918	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			185,456 197,991	=	142,809	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			197,991 100.382	=	142,809	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			175,767	_	32,726	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			45,518	_	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			121,531	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			197,922	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			89,431	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			51,327	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			162,550 160,534	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENSINEERING COMPUTER AND INFORMATION SCIENCE AND ENSINEERING	47.070 47.070			74.523	_		
				17,020			

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing 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			\$ 153,771			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			82,985	_	20,442	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			164,420 2,310			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			141,333	_	9,512	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			309,282	_	183,535	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			521,373 13,412	=	373,988	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			64.182	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			97,658	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			76,457 66,839	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			101.768			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			68,567	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			80,248	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			54,593 51,000	_	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			28 515	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			36,813	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			31,440	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			7,788 134,658	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			26.065	_	26.065	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			2,302	_	1,235	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			12,957	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			(726) 192.183	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			16.800	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			31,492	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			2,125	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			118,858 152,189	_	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			30.815	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			147,956	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			68,633	_		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			41,162 345,006	=	24,552	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			74,191	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			63,761	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			108,601	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			2,299 143 454			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			37.125	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			70,720	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			20,566 85,525	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			10.631	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			61.192	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			54,170	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			155,811 116,409	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			529.493		91,694	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			48,385	_		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			118,391	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			241,301 22,199	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			29,081	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			207,738	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			66,663 63,920	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			14.344		=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			147,874	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			38,913	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			98,042 50,627	_	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			57,806	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			117,824	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			47,265	_	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			90,936 48 120	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			153,944	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			411,067	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			55,924 2 590 854	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			2,590,654			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			230,871	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			142,486	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			39,067 183,440	=	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			183,440 9.812	=	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			263,773	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	OUR OTHER LAW PROPER		99,562	-	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	OHIO STATE UNIVERSITY RUTGERS UNIVERSITY	60067828 1663	_	40,286 26.665	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	TEXAS TECH UNIVERSITY	21P35202	=	30,695	=	
COVID-19 - COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	5GG01458602 SAPO G15302	-	2,016	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	G15349	_	25,000	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	TRUSTEES OF INDIANA UNIVERSITY TRUSTEES OF INDIANA UNIVERSITY	8744SUNY PO0063575 BL-4848800-SUNY	_	497 1,934	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	UNIVERSITY CORPORATION FOR ADVANCED INTERNET DEVELOPMENT	1042C1	_	778,188	=	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	UNIVERSITY OF LOUISIANA AT LAFAYETTE	NA	_	32,646	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	537214	_	(501)	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	2020013701SUN 479589-19245	_	35,764 89.327	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	47959019245	_	49,478	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing 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	WEST VIRGINIA LINIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA LINIV.	16800UB	s –	83,997		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING BIOLOGICAL SCIENCES	47.070 47.074	WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV. ARIZONA BOARD OF REGENTS.	16800UB2 467856	_	11,548 13,740	_	24,047,696
BIOLOGICAL SCIENCES	47.074	BOYCE THOMPSON INSTITUTE	17-01	_	19,877	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	CARY INSTITUTE OF ECOSYSTEM STUDIES COLD SPRING HARBOR LABORATORY	3340 200201859 52670217 PO#921049SV	=	15,904 2.452	=	
BIOLOGICAL SCIENCES	47.074	HAMILTON COLLEGE	01 2020	=	20,415	=	
COVID-19 - BIOLOGICAL SCIENCES	47.074	HAUPTMAN WOODWARD MEDICAL RESEARCH INSTITUTE INC	6200	_	20,332	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	HEALTH RESEARCH INC HEALTH RESEARCH INC	586201 636901	_	6,685 20,809	_	
BIOLOGICAL SCIENCES	47.074	TIERE TITLE CENTURY	000001	1,320	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			57,293 39.865	_	_	
BIOLOGICAL SCIENCES	47.074			1,859	_	_	
BIOLOGICAL SCIENCES	47.074			14,461	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			61,769 35,337	=		
BIOLOGICAL SCIENCES	47.074			31,183	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			3,621,841 57,800	_	3,414,296	
BIOLOGICAL SCIENCES	47.074			53,915	=	=	
BIOLOGICAL SCIENCES	47.074			9,350	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			4,445 151,495	_	=	
BIOLOGICAL SCIENCES	47.074			81,336	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			3,847 13.824	_	=	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			35,219	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			3,953	_	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			25,183 43,717	=	_	
BIOLOGICAL SCIENCES	47.074			151,017	_	66,832	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			157,884 41.859	=	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			4,885	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			1,386	_	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			23,739 46,682	_	_	
BIOLOGICAL SCIENCES	47.074			192	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			34,744 49.251	_	=	
BIOLOGICAL SCIENCES	47.074			154,946	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			155,584 153,468	=	=	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			153,468 33,751	=	=	
BIOLOGICAL SCIENCES	47.074			148,201	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			16,334 37,689	=	_	
BIOLOGICAL SCIENCES	47.074			122,637	_	=	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			212,521 53,650	_	=	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			20,400	=	=	
BIOLOGICAL SCIENCES	47.074			54,865	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			75,411 24,685	=	14,338	
BIOLOGICAL SCIENCES	47.074			44,143	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			38,751 63,876	_	_	
BIOLOGICAL SCIENCES	47.074			124,257	_	18,944	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			158,542 113,231	_	=	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			63.071		_	
BIOLOGICAL SCIENCES	47.074			173,158	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			70,031 88,277	=	=	
BIOLOGICAL SCIENCES	47.074			125,415	=	=	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			54,482 92,717	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			147.629	=	=	
BIOLOGICAL SCIENCES	47.074			183,698	_	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			5,436 13.201	_	=	
BIOLOGICAL SCIENCES	47.074	PENNSYLVANIA STATE UNIVERSITY	S001055NSF	-	40,327	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	RUTGERS UNIVERSITY RUTGERS UNIVERSITY	0216PO#953280 1613 PO#1380278	_	443 1.396	=	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF ARKANSAS	UA2021-203	=	1,396	=	
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF FLORIDA	P0016611 UFDSP00011384	_	7,741	_	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	UNIVERSITY OF MASSACHUSETTS AMHERST UNIVERSITY OF WYOMING	18009956A 1002790ASUNYB	=	4,131 10.992	_	
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF WYOMING	1003260ASUNYB	=	5,368	_	7,875,987
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	ARIZONA BOARD OF REGENTS ARIZONA STATE UNIVERSITY	548503 ASUB00000069	Ξ	42,288 31,848	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	BOARD OF REGENTS OF UNIVERSITY SYSTEM OF GEORGIA BY AND ON		_		_	
		BEHALF OF UNIVERSITY OF GEORGIA	SUB00002179	_	18,462	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	10064017953	31,261	23,253	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			(1,645)	_	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			10,655 131,479	_	102,631	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			45,314	=	102,031	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			181,392 680	_	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			680 105,704	_	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			2,489	_		
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			16,676	_	10,221	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance			Direct	Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			\$ 62,648	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			239 1.571	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	NATIONAL SCIENCE FOUNDATION	1917961	42,232	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL REHAVIORAL AND ECONOMIC SCIENCES	47.075 47.075			53,120 9 101	=	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			57,158	=	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL REHAVIORAL AND ECONOMIC SCIENCES	47.075 47.075			14,952 41 793	_	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			54,487	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL REHAVIORAL AND ECONOMIC SCIENCES	47.075 47.075			73,835 41,206	_	=	
SOCIAL, BERAVIORAL, AND ECONOMIC SCIENCES SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	47.075			41,206		_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	47.075			93,762	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	47.075 47.075			3,991 2,500	=	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			145,927	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			15,241 909	_	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL REHAVIORAL AND ECONOMIC SCIENCES	47.075			77,193	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	47.075 47.075			5,544 4.269	=	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			102,271	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			4,861 62,165	_	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	47.075			105,305	_	11,745	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			126,613 1 029	_	35,785	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			29,964	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL REHAVIORAL AND ECONOMIC SCIENCES	47.075 47.075			1,329 20,308	=	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			37,800	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			16,312 6.098	=	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			19,582	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL REHAVIORAL AND FCONOMIC SCIENCES	47.075 47.075			4,613 67	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			5,674	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			18,240 14,298	=	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			100,830	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			38,620	_	=	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			70,608	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			2,774 3,617	=	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			10,818	=	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL REHAVIORAL AND ECONOMIC SCIENCES	47.075 47.075			10,909 120,214	=	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			16,843	=	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			1,374 17,279	=	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			79,431	_	_	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	47.075 47.075	REGENTS OF THE UNIVERSITY OF COLORADO ROCHESTER INSTITUTE OF TECHNOLOGY	1559876 3189901	_	2,656 12.951	_	2.507.472
EDUCATION AND HUMAN RESOURCES	47.076	AMERICAN MUSEUM OF NATURAL HISTORY	B15202003	=	17,840	_	2,507,472
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076	COUNCIL OF GRADUATE SCHOOLS MIDDLE TENNESSEE STATE LINIVERSITY	NA 53722577774-01P0071007	_	14,683 7,434	_	
EDUCATION AND HUMAN RESOURCES	47.076	MIDDLE TENNESSEE STATE UNIVERSITY	53724977774 PO0075530	=	122,277	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			83,458 1,400	=	_	
EDUCATION AND HUMAN RESOURCES	47.076			18,322	=	=	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			11,083 718,772	_	74.470	
EDUCATION AND HUMAN RESOURCES	47.076			89,534	_	74,476	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			73,690 46,358	=	_	
EDUCATION AND HUMAN RESOURCES	47.076			46,764	_	_	
EDUCATION AND HUMAN RESOURCES FOLICATION AND HUMAN RESOURCES	47.076 47.076			151,845 111,998	_	27,153	
EDUCATION AND HUMAN RESOURCES	47.076			56,409	_	8,141	
EDUCATION AND HUMAN RESOURCES	47.076			1,518,105	_	1,043,185	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			68,061 36,164	_	=	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			43,807 72.147	_	1,079	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076			72,147 39,870	=	=	
EDUCATION AND HUMAN RESOURCES	47.076			(13,731)	_	=	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			714,652 67,543	_	=	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076			60,473	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			273,157 45,794	_	=	
EDUCATION AND HUMAN RESOURCES	47.076			104,091	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			645,960 36.236	=	=	
EDUCATION AND HUMAN RESOURCES	47.076			620,264	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			404,563 138,318	=	=	
EDUCATION AND HUMAN RESOURCES	47.076			209,031	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			64,707 219,776	=	4,668	
EDUCATION AND HUMAN RESOURCES	47.076			108,225	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			167,579 3.519	=	28,828	
EDUCATION THE TOTAL TOTA	47.070			3,319	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing 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			S 4.800	_	_	
EDUCATION AND HUMAN RESOURCES	47.076			2,685	_	_	
EDUCATION AND HUMAN RESOURCES FDICATION AND HUMAN RESOURCES	47.076 47.076			96,642 19,359	=	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076			120.507	=	=	
EDUCATION AND HUMAN RESOURCES	47.076			38,268	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076			50,707	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			239,348 10.450	=	=	
EDUCATION AND HUMAN RESOURCES	47.076			68,897	_	49,021	
EDUCATION AND HUMAN RESOURCES	47.076			4,319	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			(2,414) 279,148	=	30,852	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076			56,042	=	30,652	
EDUCATION AND HUMAN RESOURCES	47.076			31,855	_	_	
EDUCATION AND HUMAN RESOURCES	47.076			62,655	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			14,969 159,501	_	64,676	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076			32,329	=	04,070	
EDUCATION AND HUMAN RESOURCES	47.076			362,742	_	26,954	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			81,449 22.572	_	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			181,368		83,135	
COVID-19 - EDUCATION AND HUMAN RESOURCES	47.076			112,278	_	-	
EDUCATION AND HUMAN RESOURCES	47.076	PASADENA CITY COLLEGE	NA		27,467	_	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076	PAUL SMITH'S COLLEGE REGENTS OF THE UNIVERSITY OF CALIFORNIA	17420411 00009880	_	12,535 7.882	=	
EDUCATION AND HIMAN RESOURCES EDUCATION AND HIMAN RESOURCES	47.076	ROCHESTER INSTITUTE OF TECHNOLOGY	3171901	_	489	_	
COVID-19 - EDUCATION AND HUMAN RESOURCES	47.076	TRUSTEES OF INDIANA UNIVERSITY	0262661	_	3,583	_	
EDUCATION AND HUMAN RESOURCES	47.076	UNIVERSITY OF GEORGIA	SUB00002089	_	6,082	_	
EDUCATION AND HUMAN RESOURCES POLAR PROGRAMS	47.076 47.078	UNIVERSITY OF SAN DIEGO	NSF1740089	5,160	2,320	=	9,331,012
PULAR PROGRAMS POLAR PROGRAMS	47.078			20.755	_	_	
POLAR PROGRAMS	47.078			21,790	_	_	
POLAR PROGRAMS	47.078			61,931	-	_	
POLAR PROGRAMS POLAR PROGRAMS	47.078 47.078			1,850 97,373	-	_	
POLAR PROGRAMS	47.078			716	=		209,575
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			658,044	_	153,312	
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079 47.079	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	47947719B88	883,323		390,815	1.645.824
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING INTEGRATIVE ACTIVITIES	47.079	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	4/94//19888	136.748	104,457	88,833	1,645,824
INTEGRATIVE ACTIVITIES	47.083			28,315	_	-	
INTEGRATIVE ACTIVITIES	47.083			141,332	_	_	
INTEGRATIVE ACTIVITIES	47.083			666,830			973,225
Total National Science Foundation				84,831,629	4,528,488	16,782,564	89,360,117
U.S. Department of Veterans Affairs:					4,528,488	16,782,564	89,360,117
U.S. Department of Veterans Affairs: VETERANS BENEFITS ADMINISTRATION	64.000			1,098	4,528,488		89,360,117
U.S. Department of Veterans Affairs:  VETERANS BENETIS ADMINISTRATION  VETERANS BENETIS ADMINISTRATION	64.000			1,098 13,377			89,360,117
U.S. Department of Veterins Affairs:  VETERANS BENEFITS ADMINISTRATION	64.000 64.000 64.000			1,098 13,377 44,019 4,849	<u>4,528,488</u> — — —	=	89,360,117
U.S. Department of Velerans Affairs: VETERANS BENETIS ADMINISTRATION	64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007			89,360,117
U.S. Department of Veterans Affairs:  VETERANS BENEFITS ADMINISTRATION	64.000 64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007 2,103		= = = = = = = = = = = = = = = = = = = =	89,360,117
U.S. Department of Velerans Affairs: VETERANS BENETIS ADMINISTRATION	64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007			89,360,117
U.S. Department of Veterans Affairs:  VETERANS BENETTS ADMINISTRATION	64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487			89,360,117
U.S. Department of Velenare Affairs VETERANS EBENETIS ADMINISTRATION	64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 31,394			89,360,117
U.S. Department of Veterans Affairs:  VETERANS BENETIS ADMINISTRATION	64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 31,394 77,965	-		89,360,117
U.S. Department of Velentana Affairs VETERANS BENEFITS ADMINISTRATION	64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 31,394 77,965 37,690 64,375			89,360,117
U.S. Department of Velerans Affairs VETERANS BENETIS ADMINISTRATION	64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 31,394 77,965 37,690 64,375			89,360,117
U.S. Department of Velenara Affairs VETERANS EENETTS ADMINISTRATION	64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 31,394 77,965 37,690 64,375 111,123			89,360.117
U.S. Department of Velerans Affairs VETER-NOS BENETTS ADMINISTRATION	64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000 64.000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 31,394 77,965 37,690 64,375			89,360,117
U.S. Department of Veloranz Affairs VETERANS BENEFITS ADMINISTRATION	64,000 64,000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 71,995 37,690 64,375 111,123 15,580 157,784 79,958 46,773			89,360,117
U.S. Department of Velenans Affairs VETERANS BENETIS ADMINISTRATION	64,000 64,000			1,098 13,377 4,4849 4,4849 4,649 9,007 2,103 55,740 25,487 31,394 477,985 37,690 64,375 111,123 15,580 157,784 79,988 46,773 55,836			89,360,117
U.S. Department of Velentars Admirs VETERANS BENEFITS ADMINISTRATION	64,000 64,000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 31,394 77,995 37,690 64,375 111,123 16,959 70,958 46,773 55,836 46,773 55,836 46,773 55,836 44,425			99,360,117
U.S. Department of Velenara Affairs VETERANS BENEFITS ADMINISTRATION	64,000 64,000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 25,487 31,394 77,995 37,690 4,375 111,123 16,793 17,994 4,375 17,994 4,475 17,994 4,475 18,784 4,475 18,784 4,475 4,			89,360,117
U.S. Department of Veloranz Affairs VETERANS BENEFITS ADMINISTRATION	64,000 64,000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 725,484 37,685 37,685 64,375 111,123 15,580 64,375 65,338 65,773 65,638 64,773 65,638 64,773 65,638 64,773 65,638			89.360.117
U.S. Department of Velenare Affairs VETERANS BENETIS ADMINISTRATION	64,000 64,000			1,098 13,377 44,019 4,849 9,007 2,103 2,103 25,437 31,394 77,995 64,377 31,394 77,995 64,377 55,836 64,475 55,836 64,425 64,425 64,425 64,425 65,349			89.360.117
U.S. Department of Veloranz Affairs VETERANS BENEFITS ADMINISTRATION	64,000 64,000			1,098 13,377 44,019 4,849 9,007 2,103 54,739 55,710 725,484 37,685 37,685 64,375 111,123 15,580 64,375 65,338 65,773 65,638 64,773 65,638 64,773 65,638 64,773 65,638			89,360,117
U.S. Department of Velentars Admirs VETERANS BENEFITS ADMINISTRATION	64,000 64,000			1,098 13,377 44,019 4,849 9,007 45,739 9,007 55,710 25,487 77,985 111,123 15,580 157,784 67,773 46,775 66,644 42,880 31,725 46,644 42,880 31,725 46,744 42,880 31,725 40,744 42,880 43,744 44,745 44,7			89.360.117
U.S. Department of Velorans Affairs VETERANS BENEFITS ADMINISTRATION	64,000 64,000			1,088 13,377 44,019 4,040 9,07 10,07			89.360.117
U.S. Department of Velenara Affairs VETERANS BENETIS ADMINISTRATION	64,000 64,000			1,098 13,377 44,019 4,849 9,007 44,019 4,849 9,007 55,710 25,487 71,995 91,175			89.360.117
U.S. Department of Velorance Admirs VETERANS BENEFITS ADMINISTRATION	64,000 64,000			1,088 13,377 44,019 4,040 9,07 10,07			89.360.117 1,276.349
U.S. Department of Velorans Affairs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 64,000			1,088 13,377 44,019 4,849 4,849 4,849 9,847 13,334 55,710 25,487 31,386 737,680 64,375 111,123 15,580 44,795 46,773 55,836 64,425 46,644 425 46,644 39,029 7,448 39,029 7,448 39,029 7,448 17,336 17,336			
U.S. Department of Velenana Affairs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 64,000			1,098 13,377 44,019 4,849 9,007 44,739 55,710 25,487 71,995 37,695 11,123 15,580 157,784 47,79,958 46,773 46,773 46,773 46,774 57,958 58,488 5			1,276,349
U.S. Department of Velorans Affairs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 64,000			1,088 13,377 44,019 4,040 4,040 4,040 9,07 9,07 9,07 9,07 9,07 9,07 9,07 9,0			1,276,349
U.S. Department of Veloranza Affairs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRAT	64,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10700	1,098 13,377 44,019 4,849 9,007 44,739 55,710 25,487 71,995 37,695 11,123 15,580 157,784 47,79,958 46,773 46,773 46,773 46,774 57,958 58,488 5	7.885		1,276,349
U.S. Department of Velocance Admirs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10700	1,088 13,377 44,019 4,040 4,040 4,040 9,07 9,07 9,07 9,07 9,07 9,07 9,07 9,0	7.885	(267,222)	1,276,349
U.S. Department of Venemon Admirs VETERANS BENEFITS ADMINISTRATION	64,000 66,000 66,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10700 AM10700	1,088 13,377 44,019 4,040 4,040 4,040 9,07 9,07 9,07 9,07 9,07 9,07 9,07 9,0	7,885 37,995 169,880	(267.222)	1,276,349
U.S. Department of Velorans Affairs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10700	1,088 13,377 44,019 4,040 4,040 4,040 9,07 9,07 9,07 9,07 9,07 9,07 9,07 9,0	7.885	(267,222)	1,276,349
U.S. Department of Veloranza Affairs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRAT	64,000 66,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WATERSHED AGRICULTURAL COUNCIL	AM10700 AM10700 AM10700 AM10700 471	1,088 13,377 44,019 4,040 4,040 4,040 9,07 9,07 9,07 9,07 9,07 9,07 9,07 9,0	7.885 37.995 68.796		1,276,349
U.S. Department of Velorans Affairs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 66,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WATERSHED AGRICULTURAL COUNCIL WOOD ENVIRONMENT IS INFRASTRUCTURE SOLUTIONS INC	AM10700 AM10700 AM10700 AM10700 471 F013600574	1,088 13,377 44,019 4,040 4,040 4,040 9,07 9,07 9,07 9,07 9,07 9,07 9,07 9,0	7.885 37.995 169.880 67.539 68.710 2.787	(267,222)	1,276,349 1,276,349
U.S. Department of Velenana Affairs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 66,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WOOD ENVIRONMENT A INFRASTRUCTURE SOLUTIONS INC WOOD ENVIRONMENT A INFRASTRUCTURE SOLUTIONS INC	AM10700 AM10700 AM10700 AM10700 471 F013600574 F014700120	1,088 13,377 44,019 4,040 4,040 4,040 9,07 9,07 9,07 9,07 9,07 9,07 9,07 9,0	7.885 37.995 169.880 67.539 68.710 62.787		
U.S. Department of Velenara Affair: VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 66,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WATERSHED AGRICULTURAL COUNCIL WOOD ENVIRONMENT IS INFRASTRUCTURE SOLUTIONS INC	AM10700 AM10700 AM10700 AM10700 471 F013600574	1,098 13,377 44,019 4,849 9,007 45,013 54,739 55,710 25,487 77,980 57,784 77,980 157,784 111,123 15,590 157,784 42,880 31,725 46,644 42,880 31,725 46,644 42,880 31,725 46,644 41,7336 41,138 41,138 41,138 41,138 41,138 41,138 41,138 41,138	7.885 37.995 169.880 67.539 68.710 2.787	(267,222)	1,276,349 1,276,349
U.S. Department of Velorance Admirs VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATI	64,000 66,000 66,000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WOOD ENVIRONMENT A INFRASTRUCTURE SOLUTIONS INC WOOD ENVIRONMENT A INFRASTRUCTURE SOLUTIONS INC	AM10700 AM10700 AM10700 AM10700 471 F013600574 F014700120	1,088 13,377 44,019 4,040 4,040 4,040 9,07 9,07 9,07 9,07 9,07 9,07 9,07 9,0	7,885 37,995 169,880 67,538 61,799 86,70 1,251	(287.222)	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
LONG ISLAND SOUND PROGRAM	66.437	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM		s –	4,469		76,384
LOIRS ISLAND SUDIO PROGRAM NATIONAL ESTUARY PROGRAM	66.456	NEW ENGLAND INTERSTATE WATER POLLOTION CNIRL COMM	0346 006 5 2020 033	80,041	4,469	5,083	80,041
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461			76,216	_	_	
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461 66.461			44,120 3,073	_	_	123,409
REGIONAL WEILAND PROGRAM DEVELOPMENT GRANTS GREATT LAKES PROGRAM	66.461	CENTRAL MICHIGAN UNIVERSITY	F62951	3,073	231 456		123,409
GREAT LAKES PROGRAM	66.469	CLARKSON UNIVERSITY	100621-2 PO# CLKSN-0000089722	_	206,923	_	
GREAT LAKES PROGRAM	66.469	CLARKSON UNIVERSITY	100621-3 PO89900	_	18,185	-	
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469	CORNELL UNIVERSITY	GL00E02259	56.371	549,226	12,687	
GREAT LAKES PROGRAM	66.469	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10871	- 50,571	65,531	12,007	1,127,692
LAKE CHAMPLAIN BASIN PROGRAM	66.481	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	0356 003 001 LS 2020 084	_	21,143	-	
LAKE CHAMPLAIN BASIN PROGRAM SCIENCE TO ACHIEVE RESULT IS (STAR) RESEARCH PROGRAM	66.481 66.509	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	LS2019065	37.695	8,753	_	29,896 37.695
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE INSULAR AREAS - PROGRAM SUPPORT	66.600	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM09757	37,095	40.934	_	37,095
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE INSULAR AREAS – PROGRAM SUPPORT	66.600	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM09757		131,167		172,101
Total Environmental Protection Agency				619,076	1,705,246	(181,921)	2,324,322
U.S. Department of Energy: DEPARTMENT OF ENERGY	81.000	ALLIANCE FOR SUSTAINABLE ENERGY LLC	NHQ98230502	_	158,840	_	
DEPARTMENT OF ENERGY	81.000	ALLIANCE FOR SUSTAINABLE ENERGY LLC	SUB202010109	_	13,677	_	
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	194053	_	24,087	_	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	BATTELLE ENERGY ALLIANCE LLC BATTELLE ENERGY ALLIANCE LLC	226708 239501	_	60,174 15,472	=	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	BATTELLE ENERGY ALLIANCE LLC BATTELLE ENERGY ALLIANCE LLC	239501	_	15,472 27.360	_	
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	245620	=	16.477	=	
DEPARTMENT OF ENERGY	81.000			247,987		_	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	353810 363017	_	94,575 50 410	_	
DEPARTMENT OF ENERGY	81.000 81.000	FERMI RESEARCH ALLIANCE LLC	363017 671492	_	50,410 47,698	=	
DEPARTMENT OF ENERGY	81.000	FERMI RESEARCH ALLIANCE LLC	674951	=	16.646	=	
DEPARTMENT OF ENERGY	81.000	FERMI RESEARCH ALLIANCE LLC	676264	_	2,501	_	
DEPARTMENT OF ENERGY	81.000	FLUOR MARINE PROPULSION LLC	125579	_	47,620	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	LAWRENCE LIVERMORE NATIONAL LABORATORY MEMBRANE TECHNOLOGY AND RESEARCH INCORPORATED	B638854 N/A	_	34,545 136,221	_	
DEPARTMENT OF ENERGY	81.000	PACIFIC NORTHWEST NATIONAL LABORATORY	397747		23.442	_	
DEPARTMENT OF ENERGY	81.000	PACIFIC NORTHWEST NATIONAL LABORATORY	424938	_	14,338	_	
DEPARTMENT OF ENERGY	81.000	PACIFIC NORTHWEST NATIONAL LABORATORY	509977	_	99,849	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	PACIFIC NORTHWEST NATIONAL LABORATORY PACIFIC NORTHWEST NATIONAL LABORATORY	522716 539471	_	78,801 15.000	_	
DEPARTMENT OF ENERGY	81.000	PURDUE UNIVERSITY	14000382043		2.243	_	
DEPARTMENT OF ENERGY	81.000	REGENTS OF THE UNIVERSITY OF CALIFORNIA, LAWRENCE BERKELEY NATIONAL LABORATORY	7412488	_	3,490	_	
DEPARTMENT OF ENERGY	81.000	REGENTS OF THE UNIVERSITY OF CALIFORNIA, LAWRENCE BERKELEY NATIONAL LABORATORY	7412488	_	94,755	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	REGENTS OF THE UNIVERSITY OF CALIFORNIA, LAWRENCE BERKELEY NATIONAL LABORATORY SAGE ENGINEERING ASSOCIATES	7432246 FILE 3629.01	_	37,272 28,691	=	
DEPARTMENT OF ENERGY	81.000	SAGE ENGINEERING ASSOCIATES SAGE ENGINEERING ASSOCIATES	TOA - 420 - FILE 3675.00		3.763	_	
DEPARTMENT OF ENERGY	81.000	SANDIA NATIONAL LABORATORIES	1616890	_	(3,488)	_	
DEPARTMENT OF ENERGY	81.000	SANDIA NATIONAL LABORATORIES	1970869	_	103,986	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	TRIAD NATIONAL SECURITY LLC TRIAD NATIONAL SECURITY LLC	421987 628994	_	33,106 8.651	=	
DEPARTMENT OF ENERGY	81.000	TRUSTEES OF PRINCETON UNIVERSITY	S017663		68.471	_	
DEPARTMENT OF ENERGY	81.000	UCHICAGO ARGONNE LLC	9F60164	_	50,879	_	
DEPARTMENT OF ENERGY	81.000	UT BATTELLE LLC	4000156883	_	55,288	-	1,712,827
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	252993 278191	_	24,698 31,570	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	309944		7.252	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	315223	_	18,815	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	315845 327976	_	9,832 12,226	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	32/9/6 329687	_	12,226 56 628	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	329688	=	62.466	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	330063	_	50,766	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	330943	_	45,516	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	331990 332593	_	51,833 8 499		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	337120	=	1.730	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	339931	_	64,154	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	341762	_	30,604	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	341816 342355	_	47,679 48.051	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	343575	=	25.641	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	346833	_	50,146	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	347159 347169	_	50,453 49,323	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	347169	_	49,323	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	347222		49,317	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	347232	_	60,060	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	351171	_	38,822	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	353381 354411	_	7,768 45.635	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	354411 355728	=	45,635 9.407	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	355864	_	5,416	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	357700	_	78,126	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	359707	_	43,409	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	360682 362085		26,615 729	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	362186	=	49,933	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	363891	_	58,439	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	364440	_	10,436	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	364822 365046	_	(2,772) 56.556	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	365046 365069	=	56,556 955	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	365140	_	46,312	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	365253	_	49,428	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	365369	_	53,403	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
	Assistance Listing			Direct	through	through	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	BROOKHAVEN SCIENCE ASSOCIATES LLC	365377 365546	s –	53,969	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	365691		49,441 155.639		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	365694	_	101,389	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	366124	_	29,389	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	366280 367461	_	86,201 8,948	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	367942	_	45.324	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	368782	_	4,464	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	369042 370060	_	50,650 30,988	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	370345	_	9.309	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	370958	_	5,125	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	371248	_	63,560	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	371600 372004		216 44,716	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	372364	_	10,653	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	373435	_	44,597	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	373491 373580	_	5,382 86.533	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	375133	=	33.388	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	375954	_	15,584	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	375997 376393	_	50,761 48,638	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	376464		48,638 558.045	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	376631	_	37,946	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	377402	_	15,034	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	379666 379800	_	46,870 132,160	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	380779	_	1.051	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	381002	_	6,441	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	381451	_	161,459	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	381452 381504		25,021 6.562	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	381696	_	47,671	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	381751	_	49,938	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	382057 382104	_	64,865 14.981	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	382146	_	55.847		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	382337	_	24,823	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	382349	_	53,397	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	382665 382761	_	54,257 51,939	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	382789	=	54.252	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	382831	_	53,027	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	382832 383091	_	54,173 243.881	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	383133	_	243,00 I 15 599	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	383276	_	39,295	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	383504	_	38,116	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	383505 384153	_	49,575 9.150	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	384740	_	119.951	_	
COVID-19 - OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	384746	_	35,944	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	384899 386111	_	78,254 37,228	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	387459	=	37,748	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	387866	_	37,705	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	387981 388221	_	42,233 36,194	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	388221 388455	_	36,194	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	389154	_	35,329	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	390040	_	900	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	390242 391068	_	43,068 40,765	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	391110	=	19.708	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	393049	_	973	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	393152 393271	_	6,981 18,054	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	394722	_	774		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	NA	_	154,278	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	COLORADO STATE UNIVERSITY	G4826101	_	40,546	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	CORNELL UNIVERSITY DELAWARE DIAMOND KNIVES INCORPORATED	85989-11161 SBIR 1 22672	_	102,357 7.480	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BELAWARE BIAMOND KNIVES INCORPORATED	3BIK 1 22072	17,286	7,400	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			63,315	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	FLORIDA STATE UNIVERSITY GVD CORPORATION	R02007 DF-SC0019884	_	38,189 64,907	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	HELIOS-NRG LLC	DE-SC0019884 DEFE0031710UB	_	119 494		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	HELIOS-NRG LLC	DESC0017077SUNYAB2	-	3,383	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	HELIOS-NRG LLC	DESC00207301	_	99,843	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	KITWARE INCORPORATED  LAWRENCE BERKELEY NATIONAL LABORATORY	K00248900S02 7418390		52 51.145	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	DIMENSE DERICEET NATIONAL ENDONATION	74 10350	100,015	31,145	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			65,352		_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	LOS ALAMOS NATIONAL SECURITY LLC MASSACHUSETTS INSTITUTE OF TECHNOLOGY	367958 S4803 PO 303782	_	228,280 60.656	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	MICHIGAN STATE UNIVERSITY	RC107788SBU	=	78,864	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MICHIGAN STATE UNIVERSITY	RC111555SBU		3,139	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	NYS ENERGY RESEARCH AND DEVELOPMENT AUTHORITY	147503	-	114,464	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	NATIONAL RENEWABLE ENERGY LABORATORY PARC, A XEROX COMPANY	SUB202110501 P315269		25,325 10.767		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PACIFIC NORTHWEST NATIONAL LABORATORY	549976	_	46,615	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	POLARONYX	SUNY20200307	_	29,936	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	1302985111350	_	121,553	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
	Listing			Direct	through	through	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 OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	PURDUE UNIVERSITY RADIATION MONITORING DEVICES INCORPORATED	14000380-008 C2030	s <u> </u>	392 57.448	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	REGENTS OF THE UNIVERSITY OF CALIFORNIA	2095 G VA116	-	28,212	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	SANDIA NATIONAL LABORATORIES SANDIA NATIONAL LABORATORIES	2120439 PO 1955692	_	82,383 134.871	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SANDIA NATIONAL LABORATORIES	PO 1955692 PO 2056077-2	=	39.943	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SKYRE INCORPORATED	DEEE0008423SBU	_	33,347	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	STRUCTURED MATERIALS INDUSTRIES INCORPORATED	SMI42145 021820 03	_	25,367	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	STRUCTURED MATERIALS INDUSTRIES INCORPORATED TELLURIC LABS LLC	SMI42149 062920 01 NA	_	65,997 12,591	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1GG00859803	=	19,339	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF PRINCETON UNIVERSITY	S015775	_	85,485	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	TRUSTEES OF PRINCETON UNIVERSITY TRUSTEES OF PRINCETON UNIVERSITY	S015776P SUB0000287	-	70,936 86,885	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF PRINCETON UNIVERSITY TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	578104	=	107.584	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			131,063	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			353,829 11 465	_	150,968	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			155.462	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			452,165	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			113,113	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			1,428 417.681	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			121,419	=	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			320,931	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			492,123 905.806	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			701.153	_		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			213,390	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			3,249 122,991	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			122,991	=		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			853,550	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			1,952,338	_	1,067,063	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			158,344 322,108	=	28,139	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			134,837	_	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			157,367	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			225,580 9.975	_	74,504	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			87.434	_	65,707	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			1,221	_	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			96,363	_	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			120,055 12,315	_	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			28,808	=	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			172,576	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			87,257 9 184	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			9,184 39,797	=		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			1,624,143	_	626,983	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			42,866	_		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			178,953 116.898	_	128,885	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			3,852	=	=	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			153,400	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			167,609 69.666	_	7,555 18.362	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			40.376	_	10,302	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			125,544	_	18,207	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			51,453	_	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			12,027 15,295	_		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UT BATTELLE LLC	4000172913		13,848	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UT BATTELLE LLC UT BATTELLE LLC	4000172914 4000180952	_	29,824	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UNIVERSITY OF CALIFORNIA AT DAVIS	4000180952 A170309S003	=	187,048 29,401		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF DELAWARE	51426	_	59,377	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF GEORGIA	SUB00001816	_	132,087	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UNIVERSITY OF MINNESOTA UNIVERSITY OF ROCHESTER	A004527505 417662GURFAOGR511020	_	143,808 90,677	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF WASHINGTON	UWSC11275 BP043820	=	48,755	=	20,039,705
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	CARNEGIE MELLON UNIVERSITY	1070228-377286	_	87	_	
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086 81.086	PACIFIC NORTHWEST NATIONAL LABORATORY	474274	233 337	101,732	=	
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086			(120)	=		
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			174,311	_	31,043	
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			196,985	_	_	
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086 81.086			100,417 342,440	=	_	
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			266,286	_	_	
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			34,605	_	_	1,450,080
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087	ALLIANCE FOR SUSTAINABLE ENERGY LLC BATTELLE ENERGY ALLIANCE LLC	XHL99236001	_	169,693	_	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087	BATTELLE ENERGY ALLIANCE LLC CARNEGIE MELLON UNIVERSITY	219439 1070234390205	_	12,965 129,567	_	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	ELECTRIC POWER RESEARCH INSTITUTE	10011616	=	50,774	=	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	GINER INC	402550	_	99,839	_	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087	GINER INC OHIO STATE UNIVERSITY	DEEE0008075 TBD	_	81,962	=	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087	TRUSTEES OF INDIANA UNIVERSITY	IN4395531SUNY	=	59,248	=	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			21,044		15,604	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			(327,777)	_	-	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INCORPORATED	FY2019079M3	443,639	20,934	212,904	762.536
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	GAS TECHNOLOGY INSTITUTE	S1017	_	44,169	=	102,000

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81 089	GAS TECHNOLOGY INSTITUTE		s –	68 646	_	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	GAS TECHNOLOGY INSTITUTE	S717 22154	-	4,701	_	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 81.089	GENERAL ELECTRIC GLOBAL RESEARCH RENSSELAER POLYTECHNIC INSTITUTE	401112125 TBD	_	14,942 50.046	_	
FUSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	RENSSELAER POLITIECHNIC INSTITUTE	IBD	205,710	50,046	17,546	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089			432,900	_	315,263	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 81.089			200,094 119,272	_	4,829	1,140,480
FOSSIL ENERGY RESEARCH AND DEVELOPMENT STEWARDSHIP SCIENCE GRANT PROGRAM	81.089 81.112	GEORGE WASHINGTON UNIVERSITY	18S16	119,272	8.590	_	1,140,480
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112			304,791		_	
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112 81.112	UNIVERSITY OF ILLINOIS AT CHICAGO UNIVERSITY OF ROCHESTER	17993 417530G / UR FAO GR510906	_	78,694 456,998	_	
STEWARDSHIP SCIENCE GRANT PROGRAM STEWARDSHIP SCIENCE GRANT PROGRAM	81.112	UNIVERSITY OF ROCHESTER	417530G / OR FAO GR510906 417541G/UR FAO GR510912	_	9,330	_	858,403
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	LAWRENCE LIVERMORE NATIONAL LABORATORY	B638353	_	4,165	_	000,400
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	LAWRENCE LIVERMORE NATIONAL LABORATORY	B644316	-	34,417	_	
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA) MINORITY SERVING INSTITUTIONS (MSI) PROGRAM	81.121 81.123	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	0007019401 N000341388		19,472 82,899	=	58,054
NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA) MINORITY SERVING INSTITUTIONS (MSI) PROGRAM	81.123	HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	N000378617	_	42,654	_	125,553
PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM	81.124			669,214	_	7,662	669,214
ADVANCED RESEARCH PROJECTS AGENCY – ENERGY ADVANCED RESEARCH PROJECTS AGENCY – ENERGY	81.135 81.135	BETTERGY CORPORATION COLUMBIA UNIVERSITY	DEAR0000817 3 GG008711	_	69,995 3.520	=	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	OPCONDYS INC	DEAR0000907	=	62,445	_	
ADVANCED RESEARCH PROJECTS AGENCY – ENERGY	81.135			418,189		211,563	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135			179,812	_	28,136	
ADVANCED RESEARCH PROJECTS AGENCY – ENERGY ADVANCED RESEARCH PROJECTS AGENCY – ENERGY	81.135 81.135			607,572 452,772		79,179 89,865	
ADVANCED RESEARCH PROJECTS AGENCY – ENERGY	81.135			724,410	_	227,828	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135			31,204	_	_	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135			65,452			2,615,371
Total U.S. Department of Energy				18,137,280	11,294,943	3,427,795	29,432,223
U.S. Department of Education: INTERNATIONAL RESEARCH AND STUDIES	84.017			4,102	_	_	4,102
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116	EXCELSIOR COLLEGE	P116F150077		24,439	=	24,439
INNOVATIVE APPROACHES TO LITERACY, FULL-SERVICE COMMUNITY SCHOOLS; AND PROMISE NEIGHBORHOODS	84.215			502,476	_	399,006	502,476
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305 84.305	MIDDLE TENNESSEE STATE UNIVERSITY	53720777774P0068457	323.474	96,965	36,145	
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			30,817	=	30,143	451,256
RESEARCH IN SPECIAL EDUCATION	84.324	FLORIDA INTERNATIONAL UNIVERSITY	80001207201UG	_	2,692	_	2,692
TEACHER QUALITY PARTNERSHIP GRANTS PERFORMANCE PARTNERSHIP PILOTS FOR DISCONNECTED YOUTH	84.336 84.420	NYS EDUCATION DEPARTMENT	018009	557,388	38.042	-	557,388 38.042
Total U.S. Department of Education	64.420	NTS EDUCATION DEPARTMENT	010009	1,418,257	162,138	435,151	1,580,395
National Archives and Records Administration				1,410,207	102,100	400,101	1,000,000
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003			42,262		26,179	42,262
Total National Archives and Records Administration				42,262		26,179	42,262
U.S. Department of Health and Human Services:							
COVID-19 – DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	COMMUNITY PHARMACY ENHANCED SERVICES NETWORK	NA	146,310	7.358	_	
COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	COVANCE	20203331	=	2,596	=	
COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	ERIE COUNTY	20915HE	_	79,857	_	
COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	ERIE COUNTY JOHNS HOPKINS LINIVERSITY	21544HE N/A	_	45 291	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	L2 DIAGNOSTICS LIMITED LIABILITY CORPORATION	2R44Al13611802	=	8.040	_	
COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	LEIDOS	21CTADM0011	_	7,951	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	MDB INCORPORATED MANHATTAN BIOSOLUTIONS LLC	303 NA	_	40,216 4.088	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	NRG ONCOLOGY FOUNDATION INC	NA N/A		4,088 5,242		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	THE SHOOLST FORDATION INC	1071	8,805	- 0,242	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			652,538	=	1,838	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000			458,865 85		137,877	
DEPARTMENT OF REALTH AND HUMAN SERVICES	93.000			1.546.533	=	183.765	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000				=	183,765	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC	ACTIV-2/A5401	1,546,533	 	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC	ACTIV-2/A5401 ACTIV2A5401 ACTIV2A5401	1,546,533	=	183,765 — — —	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 — DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC	ACTIV2A5401 ACTIV2A5401 ACTIV2A5401 AZD7442	1,546,533	21,570 3,651 1,590 835	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC	ACTIV2A5401 ACTIV2A5401 ACTIV2A5401 AZD7442 ACTIV2A5401 CAMOSTAT	1,546,533	21,570 3,651 1,590 835 766	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC ROSWELL PARK CANCER INSTITUTE	ACTIV2A5401 ACTIV2A5401 ACTIV2A5401 AZD7442 ACTIV2A5401 CAMOSTAT P667720	1,546,533	21,570 3,651 1,590 835	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC ROBNELL PARK CANCER IN SERVICES LLC RUSS LLC ROBNELL PARK CANCER IN SERVICES LLC RUSS LLC	ACTIV2AS401 ACTIV2AS401 ACTIV2AS401 AZD7442 ACTIV2AS401 AZD7442 ACTIV2AS401 CAMOSTAT P6738PS40772 P0629916 COLUM-0000175175	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 — DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES OUR 19 — DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LLC ROSVELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES LLC ROSVELL PARK CANCER INSTITUTE INVESTIGATOR STOPPORT INVESTIGATOR STOPPORT INVESTIGATOR STOPPORT INVESTIGATOR STOPPORT INVESTIGATOR COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK	ACTIV2AS-401 ACTIV2AS-401 ACTIV2AS-401 AZDY-442 ACTIV2AS-401 AZDY-442 ACTIV2AS-401 CAMOSTAT P667720 267389SUNY P06: P0629916 COLUM-0000175-175 P30AG064198	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC ROSINELL PARK CANCER INSTITUTE RIPLE LONVESTION OF THE CONSTITUTE OF THE CONST	ACTIV2A5401 ACTIV2A5401 ACTIV2A5401 AZD7442 ACTIV2A5401 CAMOSTAT P687720 267389SUNY PO#: P0629916 COLUM-0001775175 P30AG064198 R01AG066134	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900 59,339	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC ROSSWELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES LLC ROSSWELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES LLC ROSSWELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES TO THE COTY OF NEW YORK INVESTIGATOR SERVICES LANGUAGE AND SERVICES LANGUAGE INVESTIGATOR SERVICES LANGUAGE INVESTIGATOR COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INVESTIGATOR COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INVESTIGATOR COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK	ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 AZDT/4A5401 ACTIV/2A5401 CAMOSTAT PERST720 267388SUNY POR: P0629916 COLUM-0000175/175 R011A5096134 R01H-132347 COLUM/170153 R01H-132347 COLUM/170153 R01H-132347 ASSES/COLUM-000088534	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900 59,339 26,918 31,502	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC INVESTIGATOR SERVICES LLC TEMPLE LINVESSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION TRIUSTEES OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRIUSTEES OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRIUSTEES OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRIUSTEES OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRIUSTEES OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRIUSTEES OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRIUSTEES OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRIUSTEES OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK	ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 AZD1442 ACTIV/2A5401 CAM/GSTAT 267389SUNY POR: P0629916 COLUM-0000179775 P30AC064198 R01H-134089COLUM-000008534 R01H-134089COLUM-000008534 R01H-134089COLUM-000008534 R01H-137818 COLUM-0000087373	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900 59,339 26,918 31,502 14,907	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC ROSWELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES LLC ROSWELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES LLC ROSWELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES AND	ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 AZDT/4A2 ACTIV/2A5401 AZDT/4A2 ACTIV/2A5401 CAM/OSTAT PB67720 267388/UNY POR: PD629916 COLUM-0000175775 P30A03061498 R01H-132347 COLUM/170153 R01H-137818 COLUM-0000127733 R01H-137818 COLUM-000127733 R01H-137818 COLUM-000127733	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900 59,339 26,918 31,502 14,907 31,198	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000 93.000	PPD INVESTIGATOR SERVICES LLC ROSWELL PARK CANCER INSTITUTE INVESTIGATION SERVICES LLC ROSWELL PARK CANCER INSTITUTE INVESTIGATION SERVICES IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBIA UNIVERSITY IN THE CITY OF NEW YORK	ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 AZD1442 ACTIV/2A5401 CAM/GSTAT 267389SUNY POR: P0629916 COLUM-0000179775 P30AC064198 R01H-134089COLUM-000008534 R01H-134089COLUM-000008534 R01H-134089COLUM-000008534 R01H-137818 COLUM-0000087373	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900 59,339 26,918 31,502 14,907	=	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93,000 93,000	PPD INVESTIGATOR SERVICES LLC ROSINELL PARK CANCER INSTITUTE RIPLE LONVESTION OF THE CONSTITUTE OF THE CONSTITUTE OF THE CONSTITUTE OF THE VORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLINBAL UNIVERSITY OF NEW YORK TRUSTEES OF COLLINBAL TRUSTEES OF NEW YORK TRUSTEES OF COLLINBAL TRUSTEES OF THE COLLINBAL TRU	ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 AZD7442 ACTIV/2A5401 CAM/OSTAT 2673883_MSP7720 2673883_MSP7720 P0620916 CUM-0001757475 P30AC064198 R014C192547 COLUM/170153 R01H-137618 COLUM-000172733 R01H-137618 COLUM-000172733 R01H-137618 COLUM-000172733 R01H-1468911 COLUM-000172733 R01H-1468911 COLUM-000172733 R01H-1468911 COLUM-000172733	1,546,533	21,570 3,851 1,590 835 766 120,371 3,443 33,452 26,900 59,339 26,918 31,502 14,907 31,198 15,403 15,907 16,655		
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	PPD INVESTIGATOR SERVICES LLC INVESTIGATOR SERVICES LLC TEMPLE LINVESSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK TRISSTESS OF COLLUMBAL UNIVERSITY IN THE CITY OF NEW YORK	ACTIV2A5401 ACTIV2A5401 ACTIV2A5401 AZD1442 ACTIV2A5401 CAMQSTAT 267389SUNY POR: P0629916 COLUM-0000175175 P30A0064108 R01H-134985COLUM-000008554 R01H-134985COLUM-000008554 R01H-134985COLUM-0000087373 R01H-141600 R01H-1416100 R01H-14161000173180 COLUM-0000127738 R01H-1416000173180 R01H-14161000173180 R01H-14161000173180 R01H-14161000173180	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900 99,339 26,918 31,502 14,907 31,198 15,403 15,907 16,655 21,274	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	PPD INVESTIGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMPLE LONNEGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMPLE LONNEGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMPLE LONNEGATOR TO THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY IN THE CITY OF NEW YORK TRUSTEES OF COLLUMBA LUNIVERSTIY OF MEMPLANDES  UNIVERSITY OF CHICAGO  LUNIVERSTIY OF CHICAGO  LUNIVERSTIY OF CHICAGO	ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 CAM/STAT P697720 P698720 P69880WY P69F P6029916 COLOMA P698720 P6986193 R01H-132347 COLUM/170153 R01H-137818 COLUM-000127733 R01H-137818 COLUM-000127733 R01H-141810 R01H-14181 R01H-	1,546,533	21,570 3,651 1,590 835 7766 120,371 3,443 33,452 26,900 59,339 26,918 31,502 14,907 31,198 15,403 15,907 16,655 21,274 95,055		
DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	\$3.000 \$3	PPD INVESTIGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE INVESTIGATOR SERVICES LLC RESPONSIVE LANGUAGE INVESTIGATOR SERVICES LANGUAGE INVESTIGATOR SERVICES LANGUAGE INVESTIGATOR COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INUSTIES OF COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INUSTIES OF COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INUSTIES OF COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INUSTIES OF COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INUSTIES OF COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INUSTIES OF COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INUSTIES OF COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK INUSTIES OF COLUMBAL UNIVERSITY IN THE CITY OF NEW YORK UNIVERSITY OF ARKANASA FOR MEDICAL SCIENCES UNIVERSITY OF MARKANAS FOR MEDICAL SCIENCES UNIVERSITY OF MARKANAS SISPIP MEDICAL CENTER UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	ACTIV2A5401 ACTIV2A5401 ACTIV2A5401 AZD1442 ACTIV2A5401 CAMQSTAT 267389SUNY POR: P0629916 COLUM-0000175175 P30A0064108 R01H-134985COLUM-000008554 R01H-134985COLUM-000008554 R01H-134985COLUM-0000087373 R01H-141600 R01H-1416100 R01H-14161000173180 COLUM-0000127738 R01H-1416000173180 R01H-14161000173180 R01H-14161000173180 R01H-14161000173180	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900 26,918 31,502 14,907 31,198 16,005 16,	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	\$3.000 \$3	PPD INVESTIGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE ROSIVELL PARK CANCER INSTITUTE ROSIVELL PARK CANCER INSTITUTE ROSIVEL PARK CANCER INSTITUTE RUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK UNIVERSTITY OF ARKANSAS FOR HEDICAL SCIENCES UNIVERSTITY OF CHICAGO UNIVERSTITY OF MARCHAND BALTIMORE UNIVERSITY OF MARCHAND BALTIMORE UNIVERSITY OF MARCHAND BALTIMORE UNIVERSTITY OF MARCHAND BALTIMORE UNIVERSITY OF MARCHAND	ACTIV/2A-501 ACTIV/2A-501 ACTIV/2A-501 ACTIV/2A-501 AZDIV-42 ACTIV/2A-501 AZDIV-42 ACTIV/2A-501 AZDIV-42 ACTIV/2A-501 AZDIV-62 E7388SURD/72D P0267806198 R016-197779 P026/066193 R011-113237/COLUM/70153 R011-11398S/COLUM-000098S34 R011-137918COLUM-000098S34 R011-137918COLUM-000073738 S011-137918COLUM-000073738 AUTO114-146911COLUM-0000737389 54847 P02612870075 AWD101462P F0301488S 69113081806 S011-13081806 S011-13081806 S011-13081806	1,546,533	21,570 3,651 1,590 835 766 120,371 3,441 3,442 33,462 26,918 31,502 14,907 31,198 15,403 15,907 16,655 21,274 21,2		
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	\$3.000 \$3	PPD INVESTIGATOR SERVICES LLC PPD INVESTIGATOR SERVICES LC  TEMPLE LINVESTIGATOR SERVICES LC  TEMPLE LINVESTIGATOR SERVICES LC  TEMPLE LINVESTIGATOR THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL UNIVERSTIY IN THE CITY OF NEW YORK TRUSTESS OF COLLUMBAL CENTER UNIVERSITY OF MARKAND BALTIMORE UNIVERSITY OF MORNISSEMPIN MEDICAL CENTER UNIVERSITY OF NORTH TABOLINA, AT CHAPFEL HILL UNIVERSITY OF NORTH TABOLINA, AT CHAPFEL HILL UNIVERSITY OF SOUTH HELDING.	ACTIV2A5401 ACTIV2A5401 ACTIV2A5401 AZD1442 ACTIV2A5401 CAMQSTAT 267388SUNY POR: P0629916 COLUM-0000179775 P30A0064108 R01H-1346865COLUM-000008854 R01H-1346865COLUM-0000087373 R01H-141600 R01H-1416100 R01H-14161000173189 COLUM-000127738 R01H-14161000173189 COLUM-000127738 R01H-14161000173189 S4847 POC218700075	1,546,533	21,570 3,651 1,590 835 766 120,371 3,443 33,452 26,900 15,339 26,918 31,502 14,907 31,198 31,502 15,400 15,400 15,655 12,1274 95,055 18,049 9,565 18,049 9,565 18,049 9,565 18,049 15,655 18,049 15,655 18,049 15,655 18,049 15,655 18,049 15,655 18,049 15,655 16,655 17,688 18,049 18,04		3,612,418
DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES OFFICE OF THE SERVICES OF THE SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH	\$3.000 \$3	PPD INVESTIGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE ROSIVELL PARK CANCER INSTITUTE ROSIVELL PARK CANCER INSTITUTE ROSIVEL PARK CANCER INSTITUTE RUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK TRUSITES OF COLLIMBAU INVICERSTITY IN THE CITY OF INEW YORK UNIVERSTITY OF ARKANSAS FOR HEDICAL SCIENCES UNIVERSTITY OF CHICAGO UNIVERSTITY OF MARCHAND BALTIMORE UNIVERSITY OF MARCHAND BALTIMORE UNIVERSITY OF MARCHAND BALTIMORE UNIVERSTITY OF MARCHAND BALTIMORE UNIVERSITY OF MARCHAND	ACTIV/2A-501 ACTIV/2A-501 ACTIV/2A-501 ACTIV/2A-501 AZDIV-42 ACTIV/2A-501 AZDIV-42 ACTIV/2A-501 AZDIV-42 ACTIV/2A-501 AZDIV-62 E7388SURD/72D P0267806198 R016-197779 P026/066193 R011-113237/COLUM/70153 R011-11398S/COLUM-000098S34 R011-137918COLUM-000098S34 R011-137918COLUM-000073738 S011-137918COLUM-000073738 AUTO114-146911COLUM-0000737389 54847 P02612870075 AWD101462P F0301488S 69113081806 S011-13081806 S011-13081806 S011-13081806	1,546,533	21,570 3,651 1,590 835 766 120,371 3,441 3,442 33,462 26,918 31,502 14,907 31,198 15,403 15,907 16,655 21,274 21,2		3,612,418 10,559
DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	\$3.000 \$3.000	PPD INVESTIGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMIEL DIAWEATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMIEL DIAWEATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMIEL EL DIAWEATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMIEL EL DIAWEATOR TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK INVESTITY OF ARKANASA FOR MEDICAL SCIENCES LUNIVERSITY OF ARKANASA FOR MEDICAL SCIENCES LUNIVERSITY OF MERVILAND BALTMORE LUNIVERSITY OF MERSISSEPH MEDICAL CENTER LUNIVERSITY OF MISSISSEPH MEDICAL CENTER LUNIVERSITY OF SOUTH FLORIOLA LECTIVER LUNIVERS OF	ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 CAM/STAT P697720 P698881WF PGN: P6029916 COSUM-00016918 R01H-132347 COLUM/170153 R01H-137818 COLUM-000127733 R01H-137818 COLUM-000127733 R01H-137818 COLUM-000127733 R01H-1418181 R01H-14181 R01H-1418181 R01H-14181	1,546,533 35,964	21,570 3,651 1,590 20,571 3,443 33,442 26,900 99,339 99,339 15,902 14,907 31,198 15,403 16,907 16,80		
DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH	\$3.000 \$3.000	PPD INVESTIGATOR SERVICES LLC INVESTIGATOR SERVICES LLC TEMPLE LUNVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION TRUSTEES OF COLLIMBUR LUNVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LUNCERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LUNCERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LUNCERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LONGERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LONGERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LONGERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LONGERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LONGERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLLIMBUR LONGERSITY IN THE CITY OF NEW YORK TRUSTEES	ACTIV/2A-501 ACTIV	1,546,533 35,964 ————————————————————————————————————	21,570 3,661 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,502 1,501 1,502 1,501 1,502 1,501 1,502 1,501 1,502 1,501 1,502 1,501 1,502 1,501 1,502 1,502 1,503 1,502 1,503	84.972 76,964	10,559 546,927
DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES COUND-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	\$3.000 \$3.000	PPD INVESTIGATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMIEL DIAWEATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMIEL DIAWEATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMIEL EL DIAWEATOR SERVICES LLC ROSIVELL PARK CANCER INSTITUTE REMIEL EL DIAWEATOR TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK TRISTEES OF COLLUBBIA LUNIVERSITY IN THE CITY OF NEW YORK INVESTITY OF ARKANASA FOR MEDICAL SCIENCES LUNIVERSITY OF ARKANASA FOR MEDICAL SCIENCES LUNIVERSITY OF MERVILAND BALTMORE LUNIVERSITY OF MERSISSEPH MEDICAL CENTER LUNIVERSITY OF MISSISSEPH MEDICAL CENTER LUNIVERSITY OF SOUTH FLORIOLA LECTIVER LUNIVERS OF	ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 AZDT/442 ACTIV/2A5401 CAM/STAT P697720 P698881WF PGN: P6029916 COSUM-00016918 R01H-132347 COLUM/170153 R01H-137818 COLUM-000127733 R01H-137818 COLUM-000127733 R01H-137818 COLUM-000127733 R01H-1418181 R01H-14181 R01H-1418181 R01H-14181	1,546,533 35,964 ————————————————————————————————————	21,570 3,651 1,590 20,571 3,443 33,442 26,900 99,339 99,339 15,902 14,907 31,198 15,403 16,907 16,80		10,559

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
BLOOD DISORDER PROGRAM: PREVENTION SURVEILLIANCE AND RESEARCH	93.080	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025893384609		7.132		11,013
PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES	93.084			465,573		344,515	
PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.084 93.086	RETREAT INCORPORATED	90FK01040500	291,218	33 573	170,692	756,791
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	RETREAT INCORPORATED	90ZJ00040100	_	31.860	=	65.433
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103			186,563		_	
FOOD AND DRUG ADMINISTRATION RESEARCH FOOD AND DRUG ADMINISTRATION RESEARCH	93.103			180,599	_		
FOOD AND DRUG ADMINISTRATION RESEARCH FOOD AND DRUG ADMINISTRATION RESEARCH	93.103 93.103			100,436 (2.329)	=	100,436	465.269
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	MOUNT SINAI SCHOOL OF MEDICINE	025365484609	(2,020)	4,756	_	400,200
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	MOUNT SINAI SCHOOL OF MEDICINE	025365494609	_	20,190	_	
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS ENVIRONMENTAL HEALTH	93.110 93.113	REGENTS OF THE UNIVERSITY OF COLORADO ALASKA COMMUNITY ACTION ON TOXICS	FY21306005 2R0107SUNY	_	6,650 17,813	_	31,596
ENVIRONMENTAL HEALTH	93.113	BOWLING GREEN STATE UNIVERSITY	10009736 SUNY04	_	23,011	_	
ENVIRONMENTAL HEALTH	93.113			91,830		676	
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113			342,467 205.226	=	130,174	
ENVIRONMENTAL HEALTH	93.113			127,855	_		
ENVIRONMENTAL HEALTH	93.113			713	_	_	
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113			18,057 67,771	=	67.771	
ENVIRONMENTAL REALTH	93.113			268.023	_	194.210	
ENVIRONMENTAL HEALTH	93.113			110,553	_	8,215	
ENVIRONMENTAL HEALTH	93.113			28,721	_		
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113			391,351 332,623	=	232,179 39,300	
ENVIRONMENTAL HEALTH	93.113			106,962	_	-	
ENVIRONMENTAL HEALTH	93.113	REGENTS OF THE UNIVERSITY OF MINNESOTA	P005170802	_	124	_	
ENVIRONMENTAL HEALTH ORAL DISPASES AND DISORDERS RESEARCH	93.113	SAFETRACES INCORPORATED CASE WESTERN RESERVE LINIVERSITY	2R44ES02507002 RES515296	_	100,877 42 934	_	2,233,977
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CURATORS OF THE UNIVERSITY OF MISSOURI	C000543201	=	224,710		
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CURATORS OF THE UNIVERSITY OF MISSOURI	C000722041	_	186,520	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121	GEORGE WASHINGTON UNIVERSITY LUMITEX INCORPORATED	18M44	_	64,885	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121	MARSHFIELD CLINIC RESEARCH INSTITUTE	NA 47300100	_	100,028 5.756	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	MEDICAL UNIVERSITY OF SOUTH CAROLINA	A003481S001	_	48,896	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	NOVA SOUTHEASTERN UNIVERSITY	331635	_	32,763	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			16,383 3,445	=	=	
Oral diseases and disorders research Oral diseases and disorders research	93.121			59.140	_	=	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			613,911	_	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			101,651 67.881	_	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			67,881 100.299	_		
ORAL DISEASES AND DISORDERS RESEARCH	93.121			67,508	_	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			9,596	-	1,540	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			237,544 120,243	_	=	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			29,893	=		
ORAL DISEASES AND DISORDERS RESEARCH	93.121			24,479	_	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121			29,466 29,965	=	=	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			67.548	_	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			175	_	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121			13,901 48 798	=	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121			20.242	=	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			418,418	_	102,455	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			22,901	_	375	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			339,022 395,252	Ξ		
ORAL DISEASES AND DISORDERS RESEARCH	93.121			661,143	_	55,701	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			272,987	_	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			53,131 209,596	_	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			59.695	=		
ORAL DISEASES AND DISORDERS RESEARCH	93.121			119,143	_	19,565	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			62,376 189,208	=	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121			142,859	_	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			12,459	_	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			55,675	_	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			8,238 51.845	=	2,159	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			94,878	_	2,100	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			141,166	-	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			230,347 396 485	=	=	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121			19,721	_	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	NUSHORES BIOSCIENCES LLC	1R44DE02821302	-	288,838	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121	REGENTS OF THE UNIVERSITY OF CALIFORNIA TRAVERSE BIOSCIENCES INCORPORATED	11151SC TRBN0224	_	65,603 (306)	_	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121	TRAVERSE BIOSCIENCES INCORPORATED  LINIVERSITY OF PITTSBURGH	TRBN0224 AWD000024771348151	_	(306) 24 976	_	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	UNIVERSITY OF ROCHESTER	417355GURFAOGR510794	=	10,095	=	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	UNIVERSITY OF UTAH	10041969	-	(3,027)	-	
ORAL DISEASES AND DISORDERS RESEARCH GRANTS TO INCREASE ORGAN DONATIONS	93.121 93.134	VIRGINIA COMMONWEALTH UNIVERSITY ERIE COUNTY MEDICAL CENTER	FP00008909SA001 NA	-	119,096 55,330	=	6,830,380 55,330
GRANTS TO INCREASE DRIGAN DUNATIONS INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.134	ENE COOKLI MEDICAL CENTER	NA.	331,760	55,330	=	33,330
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	HEALTH RESEARCH INC	598102		34,759	_	
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136 93.142	HEALTH RESEARCH INC RUTGERS UNIVERSITY	598103 1146	_	29,622	_	396,141
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142 93.142	RUTGERS UNIVERSITY RUTGERS UNIVERSITY	1146 1232795	=	2,545 2,872	=	
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142	RUTGERS UNIVERSITY	1603	_	21,361	_	
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142	RUTGERS UNIVERSITY	TBD		1,206	-	27,984
NIEHS SUPERFUND HAZARDOUS SUBSTANCES BASIC RESEARCH AND EDUCATION	93.143			32,656	-	_	32,656

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance Listing			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		to subrecipients	federal grantor
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145 93.145	COLUMBIA UNIVERSITY	2GG01490502	s –	11,702	_	
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145 93.145	COLUMBIA UNIVERSITY COLUMBIA UNIVERSITY	2GG01490504 SAPOG14831 6GG01490501	_	80,809 9.373	_	
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145	COLUMBIA UNIVERSITY	6GG01490501 6GG01490503 G14826	_	195.820	=	297,704
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153	WESTAT CORPORATION	6579S10 HHSN2752019000011	_	43,110	_	43,110
RURAL HEALTH RESEARCH CENTERS	93.155			166,682	_	19,730	166,682
HUMAN GENOME RESEARCH	93.172	101 HIG LIGHT HIS TRAINS		2,896		_	2,896
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173	JOHNS HOPKINS UNIVERSITY MICROTRANSPONDER INCORPORATED	2003988996 MTT02		55,970 2,795	=	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	MICKO INANOFONDER INCORFONTED	WI 102	47.482	2,785	=	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			380,388	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			1,600	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			3,456 636.625	=	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			35.502			
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			69,803	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			383,844	_	42,412	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			246,290 152.813	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			358,655		=	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			411,644	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			359,095	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			297,948 331.519	=	8,004 19,139	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			331,519 278,728	=	19,139 87,356	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			314.945	_	136,133	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			211,971	_	20,641	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			350,173	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			7,856 5,733	=	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			166.077	=	=	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			217,070	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			57,617	_	_	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			419,468	_	34,887 17,470	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	STOWERS INSTITUTE FOR MEDICAL RESEARCH	102110NIH0070	287,688	12 787	17,470	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	UNIVERSITY OF IOWA	S0183201	_	32,713	_	6,138,255
DISABILITIES PREVENTION	93.184	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025893374609	_	13,104	_	13,104
NATIONAL RESEARCH SERVICE AWARD IN PRIMARY CARE MEDICINE	93.186			317,820		_	317,820
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH ON HEALTHCARE COSTS. QUALITY AND OUTCOMES	93.213 93.226	DREXEL UNIVERSITY	800191	3 579	1,944	_	1,944
COVID-19 - RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226			118.143		56.683	
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226			197,065	_	78,581	
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	CHILDREN'S HOSPITAL OF PHILADELPHIA	3200240120	_	90	_	
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226 93.226	KENT STATE UNIVERSITY MEDSTAR HEALTH RESEARCH INSTITUTE	403053-SUNY GM005150	_	28,796	_	345 635
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.220	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HI 141494/COI UM127730		62 387		62 387
MENTAL HEALTH RESEARCH GRANTS	93.242	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	09307817239	_	41,634	_	
MENTAL HEALTH RESEARCH GRANTS	93.242	BROWN UNIVERSITY	00001547	_	103,858	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESPEARCH GRANTS	93.242 93.242	CYTOCYBERNETICS ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	NA 025500914609	_	2,249 10,949	_	
MENIAL HEALTH RESEARCH GRANTS	93.242	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAL	025500914609 0255B9214609	_	117 206		
MENTAL HEALTH RESEARCH GRANTS	93.242	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	0255D4814609	_	40,425	_	
MENTAL HEALTH RESEARCH GRANTS	93.242	MASSACHUSETTS GENERAL HOSPITAL	235128	_	75,864	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	5710004178	48 040	60,815	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			419.764	_	103,637	
MENTAL HEALTH RESEARCH GRANTS	93.242			28,055	_	_	
MENTAL HEALTH RESEARCH GRANTS	93.242			110,171	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			350,732 6,262	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			29.753	_	_	
MENTAL HEALTH RESEARCH GRANTS	93.242			25,958	_	_	
MENTAL HEALTH RESEARCH GRANTS	93.242			103,403	_	_	
MENTAL HEALTH RESEARCH GRANTS	93.242			60,165	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			57,855 414,451	=		
MENTAL HEALTH RESEARCH GRANTS	93.242			441.849	_	71,383	
MENTAL HEALTH RESEARCH GRANTS	93.242			108,887	_		
MENTAL HEALTH RESEARCH GRANTS	93.242			301,426	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			898,878 414,328	=	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			414,326		_	
MENTAL HEALTH RESEARCH GRANTS	93.242			50,322	_	_	
MENTAL HEALTH RESEARCH GRANTS	93.242			54,043	_	_	
MENTAL HEALTH RESEARCH GRANTS	93.242			39,188 19.541	=	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			19,541	=	=	
MENTAL HEALTH RESEARCH GRANTS	93.242			4,657		=	
MENTAL HEALTH RESEARCH GRANTS	93.242			195,718	_	_	
MENTAL HEALTH RESEARCH GRANTS	93.242			67,469	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			(158) 503,085	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			503,085 475,667	=	52.826	
MENTAL HEALTH RESEARCH GRANTS	93.242			474,004	_	273,822	
MENTAL HEALTH RESEARCH GRANTS	93.242			606,188	_	15,701	
MENTAL HEALTH RESEARCH GRANTS	93.242			14,709	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			(44) 467.853	=	194,484	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			467,853 237.007	=	194,404	
MENTAL HEALTH RESEARCH GRANTS	93.242			24,120	_	_	
MENTAL HEALTH RESEARCH GRANTS	93.242			599,791	_	79,780	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			589,106 379,744	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			379,744 748.155	=	461,480	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
MENTAL HEALTH RESEARCH GRANTS	93.242			\$ 231,523	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			605,683 535,025	_	228,745 210,983	
MENIAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			535,025 541,972		210,983 125,253	
MENTAL HEALTH RESEARCH GRANTS	93.242			458,938	_	349,365	
MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			696,931	=	13,698	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			495,869 119.836	_	27,337	
MENTAL HEALTH RESEARCH GRANTS	93.242			18,469	=	21,001	
MENTAL HEALTH RESEARCH GRANTS	93.242			(137)	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			17,800 4 627	=	_	
MENIAL HEAL IN RESEARCH GRANTS MENIAL HEALTH RESEARCH GRANTS	93.242			112,286	_	34.002	
MENTAL HEALTH RESEARCH GRANTS	93.242			244,741	_	34,060	
MENTAL HEALTH RESEARCH GRANTS	93.242			230,379	_	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			145,458 341,409	_	118.116	
MENTAL HEALTH RESEARCH GRANTS	93.242			368.846	_	- 110,110	
MENTAL HEALTH RESEARCH GRANTS	93.242			133,757	_	802	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			676,885 111,314	_	193,873	
MENIAL HEAL IN RESEARCH GRANIS MENTAL HEALTH RESEARCH GRANIS	93.242	QUADRANT BIOSCIENCES INCORPORATED	UPSTRF111347	111,314	127,845	=	
MENTAL HEALTH RESEARCH GRANTS	93.242	RTI INTERNATIONAL	1340021732965846L	_	285,354	_	
MENTAL HEALTH RESEARCH GRANTS	93.242	RESEARCH FOUNDATION FOR MENTAL HYGIENE	140831	_	15,019	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	RESEARCH FOUNDATION FOR MENTAL HYGIENE RESEARCH FOUNDATION FOR MENTAL HYGIENE	142316 PO139393	_	80,670 19.545	_	
MENTAL HEAL IN RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242	SIMMERSION	5065-BU	=	31.287	=	
MENTAL HEALTH RESEARCH GRANTS	93.242	SIMMERSION	5065-BU	_	80,394	_	
MENTAL HEALTH RESEARCH GRANTS	93.242	TETRA DISCOVERY PARTNERS	R44MH091791	-	85,107	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK UNIVERSITY OF CALIFORNIA AT LOS ANGELES	2GG01744701 N/A	_	50,308 34.897	=	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF CALIFORNIA AT LOS ANGELES UNIVERSITY OF COLORADO	1557924	_	17.941	_	
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF CONNECTICUT	318201	_	40,474	_	
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF DELAWARE	55002	_	21,297	_	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	UNIVERSITY OF RICHMOND UNIVERSITY OF ROCHESTER	NA 417866GURFAOGR511141	-	34,400 49.391	=	
MENTAL REALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242	VANDERBILT UNIVERSITY MEDICAL CENTER	4018066223VUMC64356	_	180.499	_	
MENTAL HEALTH RESEARCH GRANTS	93.242	YALE UNIVERSITY	GR105701CON80001708	_	24,215	_	
MENTAL HEALTH RESEARCH GRANTS	93.242	YALE UNIVERSITY	GR110673CON80002551	_	442,701	_	17,549,464
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.243	ERIE COUNTY DEPARTMENT OF HEALTH ERIE COUNTY DEPARTMENT OF HEALTH	19418HE 19418HF	=	52,914 95,036	=	147.950
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247	BASSETT HEALTHCARE	N/A	Ξ.	92,562	=	147,550
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247	MARY IMOGENE BASSETT HOSPITAL	T14HP331980101	_	8,504	_	
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM POISON CENTERS IJPEPORT AND FNHANCEMENT GRANT	93.247	MARY IMOGENE BASSETT HOSPITAL	T14HP331980101		42,176	_	143,242
POISON CENTER SUPPORT AND ENHANCEMENT GRANT OCCIPATIONAL SAFFTY AND HEALTH PROGRAM	93.253 93.262	ALBERT EINSTEIN COLLEGE OF MEDICINE	311531 PO815149	101,619	57.736	_	101,619
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	ALBERT EINGTEIN COLLEGE OF WEDICINE	311331 F0013149	11,283	57,730	=	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			36,545	_	2,318	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			1,194 138.253	_		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262			138,253 429,059	=	32,364	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			420,438	_	_	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			240,611	_	_	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025365304609 0254-5924-4609	_	9,755 43,765	=	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM  OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	ICARN SCHOOL OF MEDICINE AT MOUNT SINAI	0254-5924-4609	69,292	43,765	_	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			53,368	_	_	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			4,248	_	_	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262	TRUSTEES OF INDIANA UNIVERSITY	8064	124,935	101,105	=	1.741.587
ALCOHOL RESEARCH PROGRAMS	93.273	BROWN UNIVERSITY	00000995	_	13,174	_	1,741,007
ALCOHOL RESEARCH PROGRAMS	93.273	BROWN UNIVERSITY	00000995	-	3,601	_	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273	BROWN UNIVERSITY BROWN UNIVERSITY	00001112 00001112	_	341 85,478	=	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273	CODEX BIOSOLUTIONS INCORPORATED	CODEX2019003	_	656	=	
ALCOHOL RESEARCH PROGRAMS	93.273	GEORGIA STATE UNIVERSITY	SP0001332901	_	44,848	_	
ALCOHOL RESEARCH PROGRAMS	93.273			161,558	_	<del>.</del>	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			697,431 211,663	_	54,202	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273			3.561.034	_	3.230.038	
ALCOHOL RESEARCH PROGRAMS	93.273			433,818	_	15,983	
ALCOHOL RESEARCH PROGRAMS	93.273			247,511	_	_	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			161,276 244,509	_	-	
ALCOHOL RESEARCH PROGRAMS	93.273			5.099	=	4,649	
ALCOHOL RESEARCH PROGRAMS	93.273			7,772	_	_	
ALCOHOL RESEARCH PROGRAMS	93.273			401,558	_	92,682	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			297,039 245,634	=	_	
ALCOHOL RESEARCH PROGRAMS	93.273			738,625	_	136,724	
ALCOHOL RESEARCH PROGRAMS	93.273			504,245	_	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			306,568 341,244	_	=	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			341,244 201.691	=	=	
ALCOHOL RESEARCH PROGRAMS	93.273			83,224	_	_	
ALCOHOL RESEARCH PROGRAMS	93.273			20,368	_	1,916	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			160,906 10,278	_	_	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273			152,724	=	5,559	
ALCOHOL RESEARCH PROGRAMS	93.273			201,152	_	-	
ALCOHOL RESEARCH PROGRAMS	93.273			296,505	_	=	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			130,631 (737)	_	(737)	
ALCOHOL RESEARCH PROGRAMS	93.273			(4,371)	=	(4,371)	
ALCOHOL RESEARCH PROGRAMS	93.273			3,259,763	_	2,238,608	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
ALCOHOL RESEARCH PROGRAMS	93.273			S 28.624			
ALCOHOL RESEARCH PROGRAMS	93.273			23,930	_	_	
ALCOHOL RESEARCH PROGRAMS	93.273			114,952	_	_	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			1,203,810 130,991	_	3,060	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273			130,991			
ALCOHOL RESEARCH PROGRAMS	93.273			68,099	_	49,586	
ALCOHOL RESEARCH PROGRAMS	93.273			23,524	_		
ALCOHOL RESEARCH PROGRAMS	93.273			145,551	_	_	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			105,626 135,412	_	_	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273	PACIFIC INSTITUTE FOR RESEARCH AND EVALUATION	0743	135,412	4,188		
ALCOHOL RESEARCH PROGRAMS	93.273	PENNSYLVANIA STATE UNIVERSITY	S000392DHHS	_	113,431	_	
ALCOHOL RESEARCH PROGRAMS	93.273	SYRACUSE UNIVERSITY	2839704395S02	_	109,663	_	
ALCOHOL RESEARCH PROGRAMS	93.273	SYRACUSE UNIVERSITY	SP-29825-1-05841-S01	_	10,092	_	
ALCOHOL RESEARCH PROGRAMS DRUG ABUSE NATIONAL RESEARCH SERVICE AWARDS FOR RESEARCH TRAINING	93.273 93.278	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK YALE UNIVERSITY	2GG01471101 GR105971CON80001794	_	36,992 235,328	_	15,625,938
DRUG ABUSE NATIONAL RESEARCH SERVICE AWARDS FOR RESEARCH TRAINING DRUG ABUSE NATIONAL RESEARCH SERVICE AWARDS FOR RESEARCH TRAINING	93.278	YALE UNIVERSITY	GR105971CON80001794 GR107871CON80002157	_	63.309	_	298.637
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ALA SCIENTIFIC INSTRUMENTS INC	1R44DA043277	_	324.161	_	200,007
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	BOARD OF REGENTS OF UNIVERSITY SYSTEM OF GEORGIA BY AND ON BEHALF OF					
		UNIVERSITY OF GEORGIA	SP0001433301	_	7,696	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	61608838-124841	_	16,855	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279	COLORADO STATE UNIVERSITY EMITECH	G849911 1R43DA051289-01A1	_	104,077 16.430	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ERIE COUNTY DEPARTMENT OF HEALTH	20935HE	_	(1,876)		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ERIE COUNTY DEPARTMENT OF HEALTH	20935HE	=	136,615	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ERIE COUNTY DEPARTMENT OF HEALTH	TBD	_	35,477	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	HENRY M JACKSON FDN FOR ADV OF MILITARY MED INC	470595522365680	_	83,043	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279	JACKSON LABORATORY JOHNS HOPKINS UNIVERSITY	213894-0-SERVE 2004816361	_	146,288 24.790	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	MCLEAN HOSPITAL CORPORATION	2004816361 401655	_	(110)	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		401033	340,295	(110)	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			68,545	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			55,557	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION REFEARCH PROGRAMS	93.279 93.279			97,051 1,515	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			1,515 279.806		=	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS  DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			72.853			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			212,878	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			535,485	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			2,800	_	2,632	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279			8,436	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			139,401			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS  DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			113.083	=	5,047	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			540,400	_		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			28,152	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION REFEARCH PROGRAMS	93.279			97,810	_	94,562	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279			506,585 552,782	=	53,265 34,603	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			274 252		17.847	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			624,483	_	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			321,096	_	29,092	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			274,827	_	<del></del>	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION REFEARCH PROGRAMS	93.279 93.279			346,925 43,545	=	18,495	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			(75.984)			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			1.457	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			25,009	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			42,176	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279			81,994 140,380	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			140,380			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			189 830			
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			186,089	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			87,958	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			276,286	_	151,676	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279	NEW YORK UNIVERSITY NEW YORK UNIVERSITY SCHOOL OF MEDICINE	SUBAWARD F8621-01 PO M210441017 20A0S3003671	-	17,360 35,135	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279	NEW YORK UNIVERSITY SCHOOL OF MEDICINE RTI INTERNATIONAL	PO M210441017 20A0S3003671 1340021529752559L	_	35,135 26,968	=	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RTI INTERNATIONAL	2312021662165446L		21,070		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RECTORS & VISITORS OF THE UNIVERSITY OF VIRGINIA	GB10811	_	67,540	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1490 G VB272	_	338,104	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RESEARCH FOUNDATION FOR MENTAL HYGIENE	152002	_	8,380	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279	TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION UNIVERSITY OF ALABAMA	263622SUNY A0044S001A06	_	7,210 (6.863)	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF ALABAMA UNIVERSITY OF CALIFORNIA AT SAN DIEGO	A0044S001A06 122848777	=	(6,863)	=	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF CALIFORNIA AT SAN DIEGO	123549894	_	337,911	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF MARYLAND BALTIMORE	100000693	_	45,702	_	
COVID-19 - DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF MIAMI	OS00000369 PO #SPC-001635	_	7,856	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF MIAMI	PO #SPC-001273 OS00000225	_	90,565	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279	UNIVERSITY OF MIAMI UNIVERSITY OF WASHINGTON	SPC001273 UWSC8834	_	8,983 (15,614)	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	YALE UNIVERSITY  YALE UNIVERSITY	GR109732CON80002395		(15,614)	=	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	YALE UNIVERSITY	M16A12338 (CON80000449)	=	3,013	_	9,022,891
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283	CERNER CORPORATION	200201563931	_	23,796	_	23,796
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	ALBANY RESEARCH INSTITUTE	86501	_	51,512	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	ALBANY RESEARCH INSTITUTE	P41EB018783	_	46,348	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286	CHRONUS PHARMACEUTICALS INCORPORATED CHRONUS PHARMACEUTICALS INCORPORATED	1R41EB02986001 NA	_	62,809 6.382	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	COLORADO STATE UNIVERSITY	NA G8795103		5,382 216.524	=	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	HEALTH RESEARCH INC	618101	=	4,515	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			4,707		_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			11,305	_	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			187,461	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			10,813	_	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			16,681 549,086	_	149.083	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			19,185	_		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			13,931	_	6,439	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			215,145 481,142	=	16,286	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			547,734	_	122,180	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			655,859	_	50,796	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			400,567 387,260	_	121,192 51,737	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.200			467 871		51,737	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			6,066	_	3,779	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			7,417	_	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			5,936 209,396	_	86 992	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			35,801	=	- 00,882	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			2,492	_	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			63,036	_	63,036	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH  DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			(22,994) 564,487		90.778	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			15,075	_	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			267,331	_	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			391,217 114,408	_	159,340	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH  DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			157,173		_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	17A00000786201		21,462	_	
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	_	25,116	_	6,220,256
TEENAGE PREGNANCY PREVENTION PROGRAM MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.297 93.307	CICATELLI ASSOCIATES COLUMBIA UNIVERSITY	INU58DP0066030100 9(GG011834-07)	_	(722) 26,198	-	(722)
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	COLUMBIA UNIVERSITY COLUMBIA UNIVERSITY	9(GG011834-07) 9(GG01183406)	=	26,198	=	
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307			2,000,000	_	_	
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307	PONCE MEDICAL SCHOOL FOUNDATION	5U54MD00757935 8624	_	22,724 7,958	_	
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	PONCE MEDICAL SCHOOL FOUNDATION TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1GG01371301		7,958 64.408		
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	UNIVERSITY OF PENNSYLVANIA	575095 PO #4246318	_	23,873	_	
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	UNIVERSITY OF TEXAS AT ARLINGTON	26160258062	_	33,115	_	
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH TRANS-NIH RESEARCH SUPPORT	93.307 93.310	UNIVERSITY OF WASHINGTON ALBERT EINSTEIN COLLEGE OF MEDICINE	UWSC11480 311818P0815315	_	829 14,836	_	2,179,104
TRANS-NIH RESEARCH SUPPORT TRANS-NIH RESEARCH SUPPORT	93.310	ALBERT EINSTEIN COLLEGE OF MEDICINE ALBERT EINSTEIN COLLEGE OF MEDICINE	311818P0820577		93,909	_	
TRANS-NIH RESEARCH SUPPORT	93.310	MEDICAL UNIVERSITY OF SOUTH CAROLINA	A002818S002	_	8,023	_	
TRANS-NIH RESEARCH SUPPORT	93.310			204,270	_		
TRANS-NIH RESEARCH SUPPORT TRANS-NIH RESEARCH SUPPORT	93.310 93.310			146,182 481 191	_	73,417 166,456	
TRANS-NIH RESEARCH SUPPORT	93.310			96,235	=	- 100,450	
TRANS-NIH RESEARCH SUPPORT	93.310			500,400	_	_	
TRANS-NIH RESEARCH SUPPORT	93.310	NEW YORK UNIVERSITY	F041801 PO IB00361019	_	13,773	_	
COVID-19 - TRANS-NIH RESEARCH SUPPORT TRANS-NIH RESEARCH SUPPORT	93.310 93.310	NEW YORK UNIVERSITY THOMAS JEFFERSON UNIVERSITY	F160216 08004000S40701 PO:2000116286	=	50,862 149,300		1,758,981
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	DUKE UNIVERSITY	2037876	_	34,541	_	1,700,001
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350			18,555	_	_	
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350 93.350			3,713,299 471 644	_	89,438	
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350			(5.463)		112,203	
COVID-19 - NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	OREGON HEALTH & SCIENCE UNIVERSITY	1011902001STONYBROOK		149,667	_	
COVID-19 – NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350 93.350	OREGON HEALTH & SCIENCE UNIVERSITY LINIVERSITY OF PITTSBURGH	1011902003STONYBROOK AWD000002431344459	_	72,069 27,972	_	
NATIONAL CENTER FOR AUVANCING TRANSLATIONAL SCIENCES COVID-19 – NATIONAL CENTER FOR AUVANCING TRANSLATIONAL SCIENCES	93.350	VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC86095	_	62.217	_	4.544.501
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	WINDERDET OFFICE OFFICE	VOINOUGUS	60,000	- 02,217	_	4,044,001
RESEARCH INFRASTRUCTURE PROGRAMS	93.351			24,960	_	-	
RESEARCH INFRASTRUCTURE PROGRAMS RESEARCH INFRASTRUCTURE PROGRAMS	93.351 93.351			173,354 5,446	_	3,644	
RESEARCH INFRASTRUCTURE PROGRAMS	93.351	OREGON STATE UNIVERSITY	P0441A A		80,423	0,044	344,183
21ST CENTURY CURES ACT – BEAU BIDEN CANCER MOONSHOT	93.353	HEALTH RESEARCH INC	36501	_	11,902	_	11,902
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.359 93.360	REGENERON PHARMACEUTICALS INCORPORATED	6R88COV2040	25,129	41.760	5,200	25,129
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.360	REGENERON PHARMACEUTICALS INCORPORATED	6R66COV2040	90,127	41,760	_	131,887
NURSING RESEARCH	93.361	MEDICAL COLLEGE OF WISCONSIN	1R56NR019443001 PO:6176443		12,241	_	
NURSING RESEARCH	93.361			250,669	_	9,251	
NURSING RESEARCH NURSING RESEARCH	93.361 93.361			94,791 428,479	_	22,923	
NURSING RESEARCH	93.361			139.719	=	22,823	
NURSING RESEARCH	93.361	REGENTS OF THE UNIVERSITY OF CALIFORNIA	00009941		39,353	_	
NURSING RESEARCH	93.361	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE INCORPORATED	ZAD00070	_	24,300	_	
NURSING RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.361 93.393	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	43208419B88 311851 PO811542		5,941 20.742		995,493
CANCER CAUSE AND PREVENTION RESEARCH	93.393	BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA BIRMINGHAM	000511565002	_	16,198	_	
CANCER CAUSE AND PREVENTION RESEARCH	93.393	DREXEL UNIVERSITY	900025	_	37,498	_	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393	FRED HUTCHINSON CANCER RESEARCH CENTER HEALTH RESEARCH INC	0001025638 26801	_	46,713 43,941	-	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393	HEALTH RESEARCH INC	26801 292-01	=	43,941 32,077	=	
CANCER CAUSE AND PREVENTION RESEARCH	93.393	HEALTH RESEARCH INC	31601	_	6,034	_	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			78,498	_	-	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393			84,856 424 781	_	267,124	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			194,712	=	207,124	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			207,280	_	_	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			35,115	_	18,097	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393			619,214 391,509	_	73,872	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			450,880	=	53,095	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			57,347	_	40,657	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393			20,122 74,979	_	74,979	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393			(1.451)	=	14,919	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing 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 CALISE AND PREVENTION RESEARCH	93 393		s			70.196	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			16,778	_	-	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393	RIVERSIDE RESEARCH INSTITUTE UNIVERSITY OF NEW MEXICO	NYOG01257P01332801 3RCO4	-	10,419 24,345	_	
CANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF UTAH	1005561001 POU000287295	=	47,287	=	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393	UNIVERSITY OF WISCONSIN AT MADISON UNIVERSITY OF WISCONSIN AT MADISON	0000000352 0000001124	_	18,467 24,380	_	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF WISCONSIN AT MADISON VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	0000001124 45911719B88	_	24,380 12 457	_	
CANCER CAUSE AND PREVENTION RESEARCH	93.393	YALE UNIVERSITY	GR107782 CON800002141	_	38,181	_	
CANCER CAUSE AND PREVENTION RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.393 93.394	YALE UNIVERSITY CARNEGIE MELLON UNIVERSITY	GR107782 CON80002141 1090613-435554	=	133,040 45,070	_	3,333,383
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	CARNEGIE MELLON UNIVERSITY  CASE WESTERN RESERVE UNIVERSITY	RES511173	_	47,538	=	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	CEDARS SINAI MEDICAL CENTER	0001596871	_	17,439	_	
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	CHILDRENS HOSPITAL OF BOSTON FOR ROBIN INCORPORATED	GENFD0001608947 NA	=	24,072 33,432	14,168	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	GEORGIA STATE UNIVERSITY	SP00013946-02	_	97,060	_	
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	GEORGIA STATE UNIVERSITY NATIONAL CANCER INSTITUTE	SP0001450202 1R21CA22899701	240.468	97,279	_	
CANCER DE LECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	NATIONAL CANCER INSTITUTE	1R21CA22899701	240,468 33,714	=	(339)	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			13,454	_	_	
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394			248,383 10.568	=	_	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			99,032	_	11,594	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			63,329	_	_	
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	REGENTS OF THE UNIVERSITY OF MINNESOTA	P006155601	615,851	238 882	71,352	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	SOMAGENE	1R41CA25083301A1	_	43,668	_	
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	UNIVERSITY OF ARKANSAS UNIVERSITY OF ARKANSAS	51599 PO G200121228 51599/PO#G218700030	=	78,048 524 809	=	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	WRIGHT STATE UNIVERSITY	6711971	_	44,943	=	2,617,039
CANCER TREATMENT RESEARCH	93.395	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	611562006887669000	_	62,553	_	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	RS2015204501 RS2016151301	_	5,101 7 701	_	
CANCER TREATMENT RESEARCH	93.395	BRIGHAM AND WOMENS HOSPITAL	CALGB ID 323 SITE NY141	=	13,456	=	
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	AHOD1331 U10CA098543	_	4,097	_	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA CHILDREN'S HOSPITAL OF PHILADELPHIA	AHOD1331 U10CA098543 APEC14B1	_	7,935 18,979	=	
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	FP00026529SUB59901PO20124718RS	_	30,269	_	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA CONCARLO HOLDINGS LLC	U10CA180886 1R43CA24397801A1	_	34,526 28.135	_	
CANCER TREATMENT RESEARCH	93.395	CONCARLO HOLDINGS LLC	NA	_	14,621	=	
CANCER TREATMENT RESEARCH	93.395	ECOG-ACRIN CANCER RESEARCH GROUP	N/A	_	7,467	_	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	ECOG-ACRIN CANCER RESEARCH GROUP EMORY UNIVERSITY	U10CA18082007SUNY1C A358416	-	6,085 22,393	=	
CANCER TREATMENT RESEARCH	93.395	EMORY UNIVERSITY	A403044	=	123,896	_	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	GYNECOLOGIC ONCOLOGY GROUP HEALTH RESEARCH INC	27469070 24901	_	3,764 3,773	=	
CANCER INEA MENI RESEARCH CANCER TREATMENT RESEARCH	93.395	HEALTH RESEARCHING	24901	25,997	3,773	=	
CANCER TREATMENT RESEARCH	93.395			13,237	_	_	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			116,486 109 100	=	=	
CANCER TREATMENT RESEARCH	93.395			657,684	=	=	
CANCER TREATMENT RESEARCH	93.395			917,667	_	=	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			10,062 328 765	=	=	
CANCER TREATMENT RESEARCH	93.395			161,956	_	9,030	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			419,355 391 805	_	168 377	
CANCER TREATMENT RESEARCH	93.395			752,906	_	139,526	
CANCER TREATMENT RESEARCH	93.395			346,005	-		
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			325,963 16,275	_	99,969 769	
CANCER TREATMENT RESEARCH	93.395			142,812	_	1,534	
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			232,212 27,282	_	4,127	
CANCER TREATMENT RESEARCH	93.395	SOUTHWEST ONCOLOGY GROUP	N/A	_	145	=	
CANCER TREATMENT RESEARCH	93.395	UNIVERSITY OF ROCHESTER	417784GGR511072	_	33,260	_	5,423,725
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396	ALBERT EINSTEIN COLLEGE OF MEDICINE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	310245 6763500001	=	64,779 2,746	=	
CANCER BIOLOGY RESEARCH	93.396	HEALTH RESEARCH INC	38601	_	6,622	_	
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396	HEALTH RESEARCH INC	40501	54.327	2,581	=	
CANCER BIOLOGY RESEARCH	93.396			19,461		_	
CANCER BIOLOGY RESEARCH	93.396			84,971	_	_	
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396			188,266 134 539	=	=	
CANCER BIOLOGY RESEARCH	93.396			42,788	_	_	
CANCER BIOLOGY RESEARCH	93.396 93.396			393,524	=	=	
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396			67,139 892		=	
CANCER BIOLOGY RESEARCH	93.396			339,834	_	_	
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396			210,250 483 025	_	_	
CANCER BIOLOGY RESEARCH	93.396			346,788	=	_	
CANCER BIOLOGY RESEARCH	93.396			372,365	_	-	
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396			342,319 278,210	=	67,272	
CANCER BIOLOGY RESEARCH	93.396	PURDUE UNIVERSITY	11000985022	270,210	5,478	67,272	
CANCER BIOLOGY RESEARCH	93.396	RENSSELAER POLYTECHNIC INSTITUTE	A12815/PO286658	_	180,229	-	
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396	RENSSELAER POLYTECHNIC INSTITUTE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	A12815/PO286658 1GG01760301	=	57,703 74.074	=	
CANCER BIOLOGY RESEARCH	93.396	WAKE FOREST UNIVERSITY HEALTH SCIENCES	100200116599	_	27,284	_	3,780,194
CANCER CENTERS SUPPORT GRANTS CANCER RESEARCH MANPOWER	93.397 93.398			4,693 10,507	_	_	4,693
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398			11,030	=	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantorflederal subdivision or pass-through grantor	Assistance Listing 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 RESEARCH MANPOWER	93.398		s	(2,490)	_	_	
CANCER RESEARCH MANPOWER	93.398			(142)	_	_	
CANCER RESEARCH MANPOWER	93.398			47,070	_	_	
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398			43,047 34 140	_	_	
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398			34,14U 29.906			
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398			1.202	=		
CANCER RESEARCH MANPOWER	93.398			296,392	_	_	
CANCER RESEARCH MANPOWER	93.398			5,790	_	_	
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398			202,584 168.938	_	_	847,974
CANCER RESEARCH MANIFOWER ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			77,329	_		847,974
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			445.090	_	205,587	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			491,387	_	19,966	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	CARNEGIE MELLON UNIVERSITY	1090652425294	_	281,388	_	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433 93.433	TOUCH GRAPHICS INCORPORATED TOUCH GRAPHICS INCORPORATED	19152 20172	_	60,274 19,135	_	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REPABLICATION RESEARCH  ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	UNIVERSITY OF MASSACHUSETTS WORCESTER	WA01057359	_	5.000	_	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5118761	_	42.257	_	1.421.860
FAMILY VIOLENCE PREVENTION AND SERVICES/DISCRETIONARY	93.592	RETREAT INCORPORATED	90EV04600100	_	14,040	_	14,040
COMMUNITY HEALTH ACCESS AND RURAL TRANSFORMATION (CHART) MODEL	93.624	P2 COLLABORATIVE OF WNY INCORPORATED	NA NA	_	1,383	_	
COMMUNITY HEALTH ACCESS AND RURAL TRANSFORMATION (CHART) MODEL	93.624	P2 COLLABORATIVE OF WNY INCORPORATED	NA NA	_	(237)	_	1,146
AFFORDABLE CARE ACT STATE HEALTH INSURANCE ASSISTANCE PROGRAM (SHIP) AND AGING AND DISABILITY RESOURCE CENTER (ADRC) OPTIONS COUSELING FOR MEDICARE-MEDICAID INDIVIDUALS IN STATES WITH APPROVED FINANCIAL MODELS	93.626			273,952	_	_	
AFFORDABLE CARE ACT STATE HEALTH INSURANCE ASSISTANCE PROGRAM (SHIP) AND AGING AND DISABILITY RESOURCE CENTER (ADRC)	50.020			210,002			
OPTIONS COUSELING FOR MEDICARE-MEDICAID INDIVIDUALS IN STATES WITH APPROVED FINANCIAL MODELS	93.626			3,123	_	_	277,075
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648	ADMINISTRATION FOR CHILDREN AND FAMILIES	90CT70070300	281,112	_	271,184	
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648	ADMINISTRATION FOR CHILDREN AND FAMILIES	90CT70070403	267,127	10.819	237,467	548,239
ORGANIZED APPROACHES TO INCREASE COLORECTAL CANCER SCREENING SECTION 223 DEMONSTRATION PROGRAMS TO IMPROVE COMMUNITY MENTAL HEALTH SERVICES	93.800 93.829	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL BESTSELE BEHAVIORAL HEALTH INCORPORATED	5110488 NA	_	10,819 24,995	_	10,819
SECTION 223 DEMONSTRATION PROGRAMS TO IMPROVE COMMUNITY MENTAL HEALTH SERVICES	93.829	CENTRAL NASSAU GUIDANCE AND COUNSELING	NA NA	=	111.401		136.396
CARDIOVASCULAR DISEASES RESEARCH	93.837	ALBERT EINSTEIN COLLEGE OF MEDICINE	311554 PO819122	_	9,777	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837	BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	RS2019048101	_	3,871	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	CHILDRENS HOSPITAL OF BOSTON CHILDRENS HOSPITAL OF BOSTON	GENFD0001739371 GENFD0001874099	_	8,089 176,566	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	CYTOCYBERNETICS	GENFD0001874099 N/A	=	78.114	=	
CARDIOVASCULAR DISEASES RESEARCH	93.837	CYTOCYBERNETICS	NA NA	=	17.878		
CARDIOVASCULAR DISEASES RESEARCH	93.837	FRED HUTCHINSON CANCER RESEARCH CENTER	0001053501	_	22,122	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837	HEALTH RESEARCH INC	39801	_	13,557	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	KENT COUNTY MEMORIAL HOSPITAL KENT COUNTY MEMORIAL HOSPITAL	5001381WACTAWSKIWENDE	_	33,544 5.107	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	MOUNT SINAI SCHOOL OF MEDICINE	5001381WACTAWSKIWENDE 025529574609	_	5,107 52,485	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837	DUKE UNIVERSITY	177494/218214/226028		3,909		
CARDIOVASCULAR DISEASES RESEARCH	93.837	YALE UNIVERSITY	GR107814 CON80001978	_	10,547	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM0000050402 419940003	_	1,899	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM0000050403		169,761	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837			109,438 160.112	_	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837			10.044			
CARDIOVASCULAR DISEASES RESEARCH	93.837			155,873	_	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837			389,541	_	229,406	
CARDIOVASCULAR DISEASES RESEARCH	93.837			164,282	_	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837			773 84.805		_	
CARDIOVASCULAR DISEASES RESEARCH	93.837			310.218	=		
CARDIOVASCULAR DISEASES RESEARCH	93.837			522,081	_	415,247	
CARDIOVASCULAR DISEASES RESEARCH	93.837			397,688	_	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837			695,965 299,636	_	596,278 146,686	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837			299,636	=	146,686	
CARDIOVASCULAR DISEASES RESEARCH	93.837			328.415	_	91.819	
CARDIOVASCULAR DISEASES RESEARCH	93.837			198,651	_	44,129	
CARDIOVASCULAR DISEASES RESEARCH	93.837			75,814	_	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837			1,352,459 2,110,179	=	859,196	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837			2,110,179 489.003		33,221	
CARDIOVASCULAR DISEASES RESEARCH	93.837			6.926	_	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837	NEW ENGLAND RESEARCH INSTITUTE	N/A	· -	438	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	18A000001801	_	4,418	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	18A0001001609 18A0001001609	_	241,532 49,692	_	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	NEW YORK UNIVERSITY SCHOOL OF MEDICINE NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH AND EDUCATION	KIZ216601		100.517		
CARDIOVASCULAR DISEASES RESEARCH	93.837	POLYNOVA CARDIOVASCULAR INCORPORATED	1R41HL134418		6.410		
CARDIOVASCULAR DISEASES RESEARCH	93.837	POLYNOVA CARDIOVASCULAR INCORPORATED	2R41HL134418	_	82,635	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R21HL145970 COLUM-0000127309	_	2,768	_	
CARDIOVASCULAR DISEASES RESEARCH LUNG DISEASES RESEARCH	93.837 93.838	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS COPD FOUNDATION INCORPORATED	GMO161105 PO RGC0000000733	_	50,105 8.666	_	9,296,515
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838	NEW ENGLAND RESEARCH INSTITUTE	BEST-CLI	_	8,666 667	_	
LUNG DISEASES RESEARCH	93.838	DUKE UNIVERSITY	PO4550568793		1 119		
LUNG DISEASES RESEARCH	93.838	HEKTOEN INSTITUTE FOR MEDICAL RESEARCH	50636R01SUNY01	_	35,997	_	
LUNG DISEASES RESEARCH	93.838			38,493	_	_	
LUNG DISEASES RESEARCH	93.838			310,596	_	_	
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838			181,660 50 152	_	_	
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838			50,152 341.653			
LUNG DISEASES RESEARCH	93.838			166,435	=	=	
LUNG DISEASES RESEARCH	93.838			353,915	_	_	
LUNG DISEASES RESEARCH	93.838			329,844		_	
LUNG DISEASES RESEARCH	93.838 93.838	RESEARCH INSTITUTE AT NATIONWIDE CHILDRENS HOSPITAL	700157122100 0008871102720B	_	30,088 20.135	_	
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838	UNIVERSITY OF RHODE ISLAND UNIVERSITY OF VERMONT	0008871102720B 32773SUB52552		20,135 315.696		2.185.116
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	ALTERNA THERAPEUTICS INCORPORATED	20192		68,877	=	2,100,110
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	RUTGERS UNIVERSITY	1027	_	1,000	_	
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	RUTGERS UNIVERSITY	1494		3,000		
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			824,250	_	200,237	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passarl-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
BLOOD DISEASES AND RESOURCES RESEARCH	93 839	Pass-unough entity name	Pass-tillough humber	\$ 299.247	- expelicitures	—	iederai grantor
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			200,264	_	_	
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839 93.839			423,028 93,531	=	_	
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			472,270	_	65,838	
BLOOD DISEASES AND RESOURCES RESEARCH TRANSLATION AND IMPLEMENTATION SCIENCE RESEARCH FOR HEART, LUNG, BLOOD DISEASES, AND SLEEP DISORDERS	93.839 93.840	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5111803	739,811	108,319	_	2,493,786
TRANSLATION AND IMPLEMENTALION SCIENCE RESEARCH FOR HEART, LONG, BLOOD DISEASES, AND SLEEP DISORDERS ARTHRITS. MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.840	BRIGHAM AND WOMENS HOSPITAL	117004	/39,811	269 854		739,811
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	BRIGHAM AND WOMENS HOSPITAL	121918	_	33,697	_	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846	CHILDRENS RESEARCH INSTITUTE CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE OF CWRU	30004210-01 1337SUB	-	4,841 49,200	_	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	CLEVELAND CLINIC LERNER COLLEGE OF WILDICINE OF CWRO	1337300	32,915	49,200	=	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846			209,619	_		
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846			186,981 357,530	=	46,172	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			489,890	_	_	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846			30,936 377,779	_	_	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			377,779	=	_	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			322,475	_	2,755	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846			31,865 167,076	=	13,454	
ARTIRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTIRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			291.215	_	_	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			10,480	_	_	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS. MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846	SYRACUSE LINIVERSITY	3095405550801	22,786	14.609	2,120	3.270.781
ARTHRUIS, MUSCUUSKELLEIA AND SAIN DISEASES RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	BAYLOR COLLEGE OF MEDICINE	700000735	=	42.343	=	3,270,761
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA BIRMINGHAM	000518751-SP005-001	_	5,952	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES. DIGESTIVE. AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	CHILDREN'S HOSPITAL OF PHILADELPHIA CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE OF CWRU	3301820720 1267SUB	_	174 9.819	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE OF CWRU	126750B 1441SUB	=	3.845	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	GEORGE WASHINGTON UNIVERSITY	17D11	_	131,888	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES. DIGESTIVE. AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	GEORGE WASHINGTON UNIVERSITY  JAEB CENTER FOR HEALTH RESEARCH INCORPORATED	SGRD1920LL21 R01DK121240GLUCOG	_	694,204 5.455	33,224	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	KAISER FOUNDATION RESEARCH INSTITUTE	RNG21069002	=	3,332	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	MCLEAN HOSPITAL CORPORATION	401536	_	25,035	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			29,182 350 428	_	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			175.051	_	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			526,210	-	105,176	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			31,878 7.044	=		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			137,726	_	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			125,834	-	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			379,584 189	=	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			474,933	=	21,159	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			328,485	_		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			236,554 289,200	_	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			95,468	_	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			326,555	-	4,096	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			227,545 316,319	=	50.850	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			549,658	_		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			264,678	-	29,817	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			192,009 330,174	=		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			220,141	_	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			326,754 9.560	=	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES. DIGESTIVE. AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			9,560 472,792		=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			79,920	_	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES. DIGESTIVE. AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	NEW YORK UNIVERSITY SCHOOL OF MEDICINE NEW YORK UNIVERSITY SCHOOL OF MEDICINE	20A1001002209 20A1001002209	_	14,313 878	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH AND EDUCATION	TIE198003B	=	(6.421)	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	PENNSYLVANIA STATE UNIVERSITY	6029SUNYDHHS9961	_	11,956	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES. DIGESTIVE. AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	PENNSYLVANIA STATE UNIVERSITY REGENTS OF THE UNIVERSITY OF MINNESOTA	SUNYDK088244 P00805291	_	129,502 16 243	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	TRANSONIC SYSTEM INCORPORATED	NA	=	48,358	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	TRUSTEES OF BOSTON COLLEGE	51086316	-	2,392	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA UNIVERSITY OF CONNECTICLIT	578136 378748	_	6,703 42,386	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UNIVERSITY OF FLORIDA	UFDSP00011363	=	89,250	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UNIVERSITY OF SOUTH FLORIDA	1U01DK61055	-	1,005	_	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	UNIVERSITY OF TENNESSEE UNIVERSITY OF WASHINGTON	A190917S003 UWSC11902	Ξ	46,170 69,774	5,503	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY	201521	_	16,615	- 0,000	7,915,042
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL	PSGSITE223	-	893	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	MASSACHUSETTS GENERAL HOSPITAL MASSACHUSETTS GENERAL HOSPITAL	NN105 NN106	=	1,789 3,399	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL	NN110	=	2,797	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MAYO CLINIC JACKSONVILLE	SUN18727601	_	7,376	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	MAYO CLINIC JACKSONVILLE MAYO CLINIC JACKSONVILLE	SUN232483003 SBU22406301	_	2,732 192	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MEDICAL COLLEGE OF WISCONSIN	1R61NS11620301	=	21,761	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MEMORIAL SLOAN KETTERING CANCER CENTER	BD525685A	_	152,639	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	MICHIGAN STATE UNIVERSITY	RC110202SUNY	28.495	22,741	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			13,707	_		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			666,494 55,175	=	301,917	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			55,175 4,718	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			40,467	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			143,348	_	49,378	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing 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 NEUROLOGICAL DISORDERS	93.853			S 129.789		_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			59,233	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			106,041 181 621	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			202,698	=	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS  EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			74,417	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS  EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			221,848 30,763	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			23,246	=	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND INFUROLOGICAL DISORDERS	93.853			279,634	_	23,430	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			403,560 250,381	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			640,910	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			218,310	_	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			216,992 12 187	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			1,199	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			37,923	_	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			191,752	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			284,166	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			104,592	_	_	
EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			99,628 32,263	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			2,249	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			297,452	_		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS  EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			518,703 83,554	_	120,076 3,337	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			95,868	=	5,557	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			282,603	_	237,962	
EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			79,769 256,013		_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			156,059	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			307,788	_	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EYTRAMURAL BESEARCH BOROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			139,117 548 532	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			297,142	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			303,821	_	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			318,456 362 853	_	28,278	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			317,219	_		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			355,996	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			173,379 413,236	_	7,780	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			134,805	=	7,700	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			368,700	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			415,859 2.226	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			7,552	=	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			104,752	_	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			78,506 30,816	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			15,045	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			68,878	_	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			289,979 7,275	_	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	NEUROVASCULAR DIAGNOSTICS INCORPORATED	N/A	-	36,665	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	REGENTS OF THE UNIVERSITY OF MICHIGAN TRUSTESS OF BOSTON UNIVERSITY	SUBK00004096ESETT 4500003612	_	7,141	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	4500003612 5GG01200603 SAPO:G14916		22,625 4,992	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF CINCINNATI	010785136420	_	7,313	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF CINCINNATI	011266134236 - MOST STUDY	_	13,199	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	UNIVERSITY OF CINCINNATI UNIVERSITY OF CINCINNATI	011337134236 012044134236		24,845 450	=	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF FLORIDA	SUB00002529	_	22,263	_	
EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	UNIVERSITY OF FLORIDA UNIVERSITY OF ROCHESTER	SUB00002586 417450	_	68,743 12,392	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE INCURSCIENCES AND NEUROLOGICAL DISORDERS  EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF ROCHESTER	417450	_	62.518	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF ROCHESTER	417451	_	31,729	_	
EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	UNIVERSITY OF ROCHESTER UNIVERSITY OF ROCHESTER	417451 417848GURFAOGR505009	_	40,159 44,061	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS  EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF ROCHESTER UNIVERSITY OF SOUTH FLORIDA BOARD OF TRUSTEES	6129105000A	=	48.222	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS	GMO181203PO000001374D	_	53,524	_	
EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRANURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS VIRGINIA COMMONWEALTH LINIVERSITY	GMO181203PO000001374D FP00008389SA002	_	114,343	_	12.515.438
EXTRAMORAL RESEARCH FOOGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	ALBERT EINSTEIN COLLEGE OF MEDICINE	311281 P0826725	=	285.610	_	12,515,436
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	ALBERT EINSTEIN COLLEGE OF MEDICINE	311281 P0826725	_	78,027	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	ALBERT EINSTEIN COLLEGE OF MEDICINE	31614J	_	6,815 36,747	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS COLORADO STATE UNIVERSITY	09677217617 G0604801	=	36,747 22,586	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	DUKE UNIVERSITY	MDRO NETWORK/CRACKLE II	-	5,919	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	EMORY UNIVERSITY FAMILY HEALTH INTERNATIONAL	A412947 PO21000818	_	88,349 9,325	_	
COVID-19 – ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	FRED HUTCHINSON CANCER RESEARCH CENTER	0001041476	=	113,185	=	
COVID-19 – ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	FRED HUTCHINSON CANCER RESEARCH CENTER	0001041494	_	105,125	_	
COVID-19 - ALLERGY AND INFECTIOUS DISEASES RESEARCH COVID-19 - ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	FRED HUTCHINSON CANCER RESEARCH CENTER FRED HUTCHINSON CANCER RESEARCH CENTER	0001041991 0001041991		274,016 705,947	=	
COVID-19 – ALLERGY AND INFECTIOUS DISEASES RESEARCH COVID-19 – ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	FRED HUTCHINSON CANCER RESEARCH CENTER FRED HUTCHINSON CANCER RESEARCH CENTER	0001041991	_	1,803	_	
COVID-19 – ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	FRED HUTCHINSON CANCER RESEARCH CENTER	0001063509	_	45,763	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	HEALTH RESEARCH INC	557401 557501	_	31,546 15,065	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	561301	=	124,809	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	573501	-	13,251	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	HEALTH RESEARCH INC	583901 608601	_	41,562 41,704	_	
	55.555		000001	_	41,704	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	637001	s –	23,307		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	637301	_	33,846	-	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	HEALTH RESEARCH INC HEALTH RESEARCH INC	639701 653401	_	97,030 30,254	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	654301	_	16.785	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC	664101	_	3,011	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	HEALTH RESEARCH INC ICAHN SCHOOL OF MEDICINE AT MOUNT SINAL	665201	_	12,943	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025586894609 0255C1604609	_	67,980 32,902	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	JOHNS HOPKINS UNIVERSITY	IMPAACT	=	113,963	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	JOHNS HOPKINS UNIVERSITY	IMPAACT/2002110194	_	322,718	-	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	MAGEE-WOMENS RESEARCH INSTITUTE AND FOUNDATION MAGEE-WOMENS RESEARCH INSTITUTE AND FOUNDATION	4696SUNY 9155	_	112,422 14.758	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	MICRORID TECHNOLOGIES INCORPORATED	STTR PHASE1 R41	_	2.389	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			53,947	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			623,956	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			146,842 20,439	_	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			20,435	=	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			41,325	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			23,483 90,656	=	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			90,656 57,469	=	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			205,201	=	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			107,012	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			120,741 22,366	=	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH A I FROY AND INFECTIOUS DISEASES RESEARCH	93.855			22,366 309.662		259,547	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			32.026	=	200,047	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			46,886	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			3,938	_	-	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			85,628 50.393	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			(78)	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			31,985	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			371,608	_	87,448	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			304,215 179,145	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			496.109	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			357,240	_	10,170	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			1,095	_	-	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			684,971	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			27,068 425			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			18,788	_	18,765	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			340,553	_		
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			259,270 197,882	_	121,712	
ALLENGY AND INFECTIOUS DISEASES RESEARCH ALLENGY AND INFECTIOUS DISEASES RESEARCH	93.855			197,882			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			438,298	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			320,232	_	135,019	
ALLERGY AND INFECTIOUS DISEASES RESEARCH A I FROY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			265,824 581 141	=	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			581,141 81.211			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			518,858	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			599,629	_	137,827	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			608,126 491,502	_	203,450	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.655			491,502	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			438,221	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			325,957	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			286,426 336.875	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			763.349	_	426,362	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			450,631	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			321,324	_	92,123	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			446,535 236,155	_	148,984 749	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			359.776	_	749	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			85,466	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			19,841	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			9,631 60,297	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			93,139	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			93,777	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			59,368	_	-	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			83,112 132 104	=	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			316.842	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			163,277	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			180,266	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			216,677 143,812	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			143,812 167.257	=	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			123,644	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			231,499	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			163,759 174,323	_	85,151	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			174,323	=	85,151	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			89,347	=	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			23,522	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			178,851 39,575	_	_	
ALLENGY AND INFECTIOUS DISEASES RESEARCH ALLENGY AND INFECTIOUS DISEASES RESEARCH	93.855			39,575 104.115	=	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			397,803	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			S 189.280	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			263,926	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			28,496	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			97,650	=	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855			145,195 233.428			
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.655			7.105			
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			206,186	_	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			108,724	_	83,587	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			96,663		_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	POP BIOTECHNOLOGIES INCORPORATED REGENTS OF THE UNIVERSITY OF CALIFORNIA	NA 1560GWA861	_	125,473 20 148	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	REGENTS OF THE UNIVERSITY OF CALIFORNIA	1560GWA661	_	37.794	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1560BWA789 A5359		19 935		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1560BXC617	_	42,044	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1560GYC578	_	73,991	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1650GYA545	_	126,096	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK THETS LINIVERSITY	CM0000470000 100842-00001 PO# EP0181120	_	29,813 16,980	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.655	UNIVERSITY OF CALIFORNIA AT LOS ANGELES	1560GWA936		10,960	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF CALIFORNIA AT LOS ANGELES	1650GWA340		178 582		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ILLINOIS AT CHICAGO	17769	_	3,386	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF MARYLAND BALTIMORE	F3014883	_	139,731	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF RHODE ISLAND	000677710312018	_	2,070	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855	UNIVERSITY OF RHODE ISLAND LINIVERSITY OF RHODE ISLAND	000677710312018 000749110102018	_	22,488 14 590	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF RHODE ISLAND UNIVERSITY OF ROCHESTER	417028G	_	14,590	=	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF ROCHESTER	417753		18 718		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF SOUTHERN CALIFORNIA	94044963	_	120,124	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER	00004312/PO#3001172947	_	61,367	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS	160504	_	141,561	_	
ALLERGY AND INFECTIOUS DISEASES RESEARCH BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.855 93.859	YALE UNIVERSITY BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	GR105457CON80001705 RS2017109702	_	36,730 77 145	_	23,074,476
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	COLUMBIA UNIVERSITY  COLUMBIA UNIVERSITY	1GG01366401 PO#G14103		77,145 92,357		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	COLUMBIA UNIVERSITY	1GG01686301	=	126		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	HEALTH RESEARCH INC	555401	_	23,459	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	HEALTH RESEARCH INC	579501	_	40,093	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI MOUNT SINAI SCHOOL OF MEDICINE	0255-6993-4609 0255-6993-4609	_	76,712	_	
BIOMEDICAL RESEARCH AND RESEARCH I MAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	MOUNT SINAL SCHOOL OF MEDICINE	0255-6993-4609	2,506	28,483	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			37,202	=		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			250,007	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			347,196	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			341,804	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			318,173 216,758	_	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			174.840	=	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			41.612	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			42,601	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			234,175	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			101,246	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			136,551 16,912	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			110,430		=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			117,173	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			32,159	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			135,354	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			42,741 539,259	=	_	
BIOMEDICAL RESEARCH AND RESEARCH I MAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			539,259 355,069	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			445.848	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			86,624	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			344,702	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			137,977	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			106,844 101,336	=	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			1,878	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			2.425	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			221,004	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			4,262	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			98,798 299.815	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH TRAINING	93.859			299,815 197,037	=		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			41,141	=		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			273,043	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			69,973	_	5,087	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			116,355	_		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			228,614 15,054	=	96,781	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			15,054 814.207	=		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			367,656	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			16,921	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			61,101	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING RIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			1,863	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			59,057 479	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			684.944		38,737	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			69,916	_		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			33,466	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			5,729	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			92,119 152 413	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH TRAINING	93.859			152,413 374 727			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			479,156	=	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			509,293	_	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$ 82,992	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			465,402 67,750	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			5,381	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			244,141	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			277,373 259.924	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			292,190			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			174,377	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			125,753 308,787	_	79,208	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			339.945		_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			155,647	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			263,474 1.369	_	147,914	
BIOMEDICAL RESEARCH AND RESEARCH IRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			1,369	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			345,698	_	17,023	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			88,330	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			82,819 98.248	_	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			85,818	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			38,804	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			158,134 305,620	_	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			42,196	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			14,060	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			355,679 190,502	_	13,817	
BIOMEDICAL RESEARCH AND RESEARCH ITAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			190,502 33,217	_	13,817	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			288,673	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			481,678	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			193,205 202,991	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			304,783	=	174,254	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			235,506	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			242,764 299,260	_	59,833	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			388.243			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			330,597	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			376,251 326,767	_	50.803	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.659			320,767		50,003	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			365,657	_	22,372	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			149,047	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			375,184 233,679	_	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			222,432	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			139,996	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			72,883 82.892	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			165.931		_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			113,133	_	41,838	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			538,862	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			1,523 112,624	_	30,907	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			779,068	_	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			341,136	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			398,434 610,483	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			371.245		_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			842,127	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			354,958	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			373,892 548.870	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			581,806	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			596,614	_	6,288	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			430,878 280,306	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			412,229	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			544,530	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			238,570 304,339	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			828.189		186,057	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			20,502	_	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			339,704 21 491	_	_	
BIOMEDICAL RESEARCH AND RESEARCH IRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			21,491 58.014	=	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			190,810	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			1,993	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			118,613 233,168	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			166,937	=	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			98,733	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			11,196 282,203	_	46,909	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			282,203 512,975	=	46,909	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			89,140	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			27,772	_	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			10,470 67,909	_	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			51,815	=	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			234,043	_	29,348	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			458,966 39.618	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			39,618 175,468	=	=	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
	Listing			Direct	through	through	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
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	OCCIDENTAL COLLEGE OHIO STATE UNIVERSITY	OXY000001 \$ 60060541	• –	9,586 133,509	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	RES GROUP INC	NA	_	14,650	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	SYRACUSE UNIVERSITY SYRACUSE UNIVERSITY	2786704120S01 3007704972S01		19,932 225	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	SYRACUSE UNIVERSITY	3079505389S01	_	43,670	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	TAMBO INCORORATED UNIVERSITY OF MARYLAND	EXHIBITA1 89648Z0317201	_	19,937	=	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	UNIVERSITY OF MARYLAND UNIVERSITY OF NORTH CAROLINA	5102940		103,942 2,456		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5117367	_	81,954	_	34,548,086
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	CHILDRENS RESEARCH INSTITUTE CHILDRENS RESEARCH INSTITUTE	3000550403 30005719-05	_	7,271 47,231	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	CHILDRENS RESEARCH INSTITUTE	3005719-02	_	16,146	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	CHILDRENS RESEARCH INSTITUTE	3005719-02		204,644	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			13,565 83 510	=	12.999	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			162,301	_	22,794	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			7,766 54,639	=	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			12.708	_	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			57,400	_	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			26,741 101.885	_	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			109,959	=	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			108,047	_	. <del></del>	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			51,098 29,755	=	543	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			34,702	_	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			703,100 155,704	_	473,106 12,562	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			8.026	_	12,502	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			384,124	_	43,861	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			550,018 256.331	_	181,492	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			429,248	_	48,399	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			347,677 626,667	=	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			39	_	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			82,753	_	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			10,821 85 116	=	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			15,202	_	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	FLORIDA STATE UNIVERSITY	R000002652 SP0001399301	_	21,583 48 197	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION HARVARD SCHOOL OF PUBLIC HEALTH	114205 1575 5111096	=	48,197 57.649	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	HARVARD UNIVERSITY	114205 1576 5096812	_	207,582	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	HARVARD UNIVERSITY HARVARD UNIVERSITY	117267 0175 5119385 117267 0176 5119387	_	50,566 229,499	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	HEALTH RESEARCH INC	37401	=	50,957	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	HEALTH RESEARCH INC OREGON HEALTH & SCIENCE UNIVERSITY	37501 1005923 RESUNY	_	1,069	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	PHOENIX CHILDREN'S HOSPITAL	1005923 RESUNY FRYE1804	=	101,031	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	PHOENIX CHILDREN'S HOSPITAL	FRYE1804	_	43,644	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	RAND CORPORATION SYRACUSE UNIVERSITY	SCON00000394 3106205610S01	_	12,093 21,420	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	SYRACUSE UNIVERSITY	SP13167105757S01	_	96,125	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	TEMPLE UNIVERSITY TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	P0512964 263799-SUNNY R01HD094793 COLUM-0000125557	_	43,307 15.612	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	TULANE UNIVERSITY	TULHSC5575441920	_	2.129	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF GEORGIA	SUB00000740	_	341	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	UNIVERSITY OF GEORGIA UNIVERSITY OF GEORGIA	SUB00001558 SUB00001827	=	253,019 3.666	=	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF GEORGIA	SUB00001865	_	255,314	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	UNIVERSITY OF ROCHESTER UNIVERSITY OF ROCHESTER	415741-G 417754	_	2,142 92.355	_	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	VASCUMAB	NA	=	50,267	_	6,445,695
AGING RESEARCH	93.866	CORNELL UNIVERSITY	89820-20736	_	13,783	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866	CORNELL UNIVERSITY DUKE UNIVERSITY	8982020737 A032409	=	32,389 17.893	=	
AGING RESEARCH	93.866	DUKE UNIVERSITY	A033930	_	66,841	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866	EMORY UNIVERSITY ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	A117366 0255D1314609	-	24,815 53,906	=	
AGING RESEARCH	93.866	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	0255D1314609		13,609	=	
AGING RESEARCH	93.866			22,989	_	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866			33,753 927 209	=	32,810	
AGING RESEARCH	93.866			344,485	_	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866			321,071 491,860	=	96.655	
AGING RESEARCH	93.866			54,060	=		
AGING RESEARCH AGING RESEARCH	93.866			22,024	_	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866			2,568 9.970	_	=	
AGING RESEARCH	93.866			275,633	_	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866			83,811 596,200	_	=	
AGING RESEARCH AGING RESEARCH	93.866			718,544	=	=	
AGING RESEARCH	93.866			424,135	_		
AGING RESEARCH AGING RESEARCH	93.866 93.866			1,104,412 741,936	=	204,611 285,924	
AGING RESEARCH	93.866			124,307	_	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866			162,768 210.712	=	=	
AGING RESEARCH	93.866			29,189	=	_	
AGING RESEARCH	93.866			45,873	-	2,466	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
AGING RESEARCH	93.866			\$ 685,019	_	_	
AGING RESEARCH	93.866			292,228	_	95,771	
AGING RESEARCH	93.866			386,740	_	14,866	
AGING RESEARCH AGING RESEARCH	93.866 93.866			306,962 512,046	_	_	
AGING RESEARCH AGING RESEARCH	93.866			512,046 488.586	=	31,671	
AGING RESEARCH	93.866			506.802	=	31,071	
AGING RESEARCH	93.866			406,423	_	237,690	
AGING RESEARCH	93.866			436,764	_	153,959	
AGING RESEARCH AGING RESEARCH	93.866 93.866			321,472 376,163	_	176,525	
AGING RESEARCH AGING RESEARCH	93.866			413,890	=		
AGING RESEARCH	93.866			164.384	=	11,150	
AGING RESEARCH	93.866			720,873	_	_	
AGING RESEARCH	93.866			273,887	_	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866			80,422 2,821	_	_	
AGING RESEARCH AGING RESEARCH	93.866			120,262	_	_	
AGING RESEARCH	93.866			196.813		_	
AGING RESEARCH	93.866			242,522	_	_	
AGING RESEARCH	93.866			190,733	_	_	
AGING RESEARCH	93.866			153,803	_	=	
AGING RESEARCH AGING RESEARCH	93.866 93.866			172,700 12,730	_	4,413	
AGING RESEARCH	93.866	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	2000001004749	12,730	37.709	4,413	
AGING RESEARCH	93.866	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH AND EDUCATION	STE219617	_	988	_	
AGING RESEARCH	93.866	OREGON HEALTH & SCIENCE UNIVERSITY	1016831STONYBROOK	_	109,556	_	
AGING RESEARCH	93.866	OREGON HEALTH & SCIENCE UNIVERSITY	1016831STONYBROOK	_	190,695	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866	PACIFIC HEALTH RESEARCH AND EDUCATION INSTITUTE PENNSYLVANIA STATE LINIVERSITY	2170401 S000785DHHS	=	224,248 9.853	=	
AGING RESEARCH AGING RESEARCH	93.000	REGENTS OF THE UNIVERSITY OF CALIFORNIA	20201362	_	34 198		
AGING RESEARCH	93.866	REGENTS OF THE UNIVERSITY OF CALIFORNIA; UNIVERSITY OF CALIFORNIA, SAN DIEGO	ADC042PRAZ704025	_	9,245	_	
AGING RESEARCH	93.866	REGENTS OF THE UNIVERSITY OF MICHIGAN	SUBK00011921PO3005986133	_	20,347	_	
AGING RESEARCH	93.866	SYRACUSE UNIVERSITY	3114905686S01	_	13,838	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866	SYRACUSE UNIVERSITY SYRACUSE UNIVERSITY	3114905686S03 3114905686S05	_	56,989 3,523	_	
AGING RESEARCH AGING RESEARCH	93.866	TRUSTEES OF BOSTON UNIVERSITY	4500003795	_	3,523 17,773	_	
AGING RESEARCH	93.866	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2GG01338508	_	4,744	_	
AGING RESEARCH	93.866	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	3GG01212601 PO:G10123	_	57,044	_	
AGING RESEARCH	93.866	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	5GG1212604 PO:G13590	_	22,851	_	
AGING RESEARCH	93.866	UNIVERSITY OF CALIFORNIA AT SAN DIEGO	79787001	_	166,589	_	
AGING RESEARCH AGING RESEARCH	93.866 93.866	UNIVERSITY OF GEORGIA UNIVERSITY OF SOUTHERN CALIFORNIA	SUB00001452 1223346006R01G04799202	_	42,157 7,249	_	
AGING RESEARCH AGING RESEARCH	93.866	UNIVERSITY OF SOUTHERN CALIFORNIA	126095052	_	7,621	_	
AGING RESEARCH	93.866	UNVIERSITY OF KENTUCKY RESEARCH FOUNDATION	320000222319097	_	153,933	_	
AGING RESEARCH	93.866	YALE UNIVERSITY	GR100662(CON-80000839)	_	241,539	_	15,868,479
VISION RESEARCH	93.867	BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA BIRMINGHAM	000518417001SC001	_	239,429	_	
VISION RESEARCH VISION RESEARCH	93.867 93.867	DUKE UNIVERSITY  JAEB CENTER FOR HEALTH RESEARCH INCORPORATED	A033408 U10EY11751	_	18,601 6,472	_	
VISION RESEARCH VISION RESEARCH	93.007	JAEB CENTER FOR HEALTH RESEARCH INCORPORATED	GIOETI1751	591.083	0,472		
VISION RESEARCH	93.867			367.518	_	76,121	
VISION RESEARCH	93.867			50,629	_		
VISION RESEARCH	93.867			114,171	_	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867			142,160 190,200	_	_	
VISION RESEARCH	93.867			193,699		_	
VISION RESEARCH	93.867			174,556	_	_	
VISION RESEARCH	93.867			92,761	_	_	
VISION RESEARCH	93.867			276,520	_	_	
VISION RESEARCH VISION RESEARCH	93.867 93.867			69,029 284,737		6,242	
VISION RESEARCH	93.867			19,035		0,242	
VISION RESEARCH	93.867			293,985	_	_	
VISION RESEARCH	93.867			49,117	_	_	
VISION RESEARCH	93.867			173,283	_	_	
VISION RESEARCH VISION RESEARCH	93.867 93.867			454,662 129,930	_	_	
VISION RESEARCH	93.867			117,695			
VISION RESEARCH	93.867			211,836	_	_	
VISION RESEARCH	93.867			336,818	_	102,353	
VISION RESEARCH	93.867			314,293	_	9,763	
VISION RESEARCH VISION RESEARCH	93.867 93.867			6,575 3,338	_		
VISION RESEARCH VISION RESEARCH	93.867			234,329			
VISION RESEARCH	93.867			68,053	_	_	
VISION RESEARCH	93.867			86,043	_	_	
VISION RESEARCH	93.867			251,775	_	_	
VISION RESEARCH VISION RESEARCH	93.867 93.867			341,081 336,966	_	84,586	
VISION RESEARCH VISION RESEARCH	93.007			24 056			
VISION RESEARCH	93.867			357,309	=	30,786	
VISION RESEARCH	93.867			65,005	_		
VISION RESEARCH	93.867			413,395	_	_	
VISION RESEARCH VISION RESEARCH	93.867			340,808 348.373	_	80,028	
VISION RESEARCH VISION RESEARCH	93.867 93.867			348,373 485,404	=	18,621	
VISION RESEARCH	93.867			123,943	=	51,647	
VISION RESEARCH	93.867			491,236	_		
VISION RESEARCH	93.867			354,488	_	_	
VISION RESEARCH	93.867	NEW YORK CHIEFERATE		17,439	-	_	
VISION RESEARCH VISION RESEARCH	93.867 93.867	NEW YORK UNIVERSITY NEW YORK UNIVERSITY SCHOOL OF MEDICINE	19A1001002612 PO #M210372221 106171ZEDS	_	52,094 400	_	
VISION RESEARCH	93.867	UNIVERSITY OF ARIZONA	5R01EY00953227343668	_	1,693	_	
VISION RESEARCH	93.867	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5107166	=	8,685	=	
VISION RESEARCH	93.867	WASHINGTON STATE UNIVERSITY	127939G003739	_	7,847	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
VISION RESEARCH	93.867	WEST VIRGINIA UNIVERSITY	20192SUNY	s –	20.580	_	9.353.134
MEDICAL LIBRARY ASSISTANCE	93.879			38,193		_	
MEDICAL LIBRARY ASSISTANCE MEDICAL LIBRARY ASSISTANCE	93.879 93.879			287,021 5,269	_	=	
MEDICAL LIBRARY ASSISTANCE	93.879	TRUSTEES OF INDIANA UNIVERSITY	IN4687289SUNY		9,072	_	339,555
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT SPECIALLY SELECTED HEALTH PROJECTS	93.884 93.888	NORTHWESTERN UNIVERSITY ALBERT EINSTEIN COLLEGE OF MEDICINE	60043855SUNY 311686PO775925	_	8,000 15,792	-	8,000 15,792
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE	93.898	HEALTH RESEARCH INC	477907	_	39,418	1,065	
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE	93.898	HEALTH RESEARCH INC	569703	_	1,539		40,957
CENTER FOR MEDICAL REHABILITATION RESEARCH BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.929 93.958	MCP HAHNEMANN UNIVERSITY HERKIMER COUNTY	2P50NS2470715A2 RESOLUTION 262	=	(13) 82,057	_	(13) 82,057
COAL MINERS RESPIRATORY IMPAIRMENT TREATMENT CLINICS AND SERVICES	93.965	NEW YORK INSTITUTE OF TECHNOLOGY	R15HD92931SBU1	_	19,791	_	19,791
PRIMARY CARE MEDICINE AND DENTISTRY CLINICIAN EDUCATOR CAREER DEVELOPMENT AWARDS PROGRAM PRIMARY CARE MEDICINE AND DENTISTRY CLINICIAN EDUCATOR CAREER DEVELOPMENT AWARDS PROGRAM	93.976 93.976			75,458 150,769	-	71,294 116,178	226,227
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			44,501	=	- 110,170	220,221
INTERNATIONAL RESEARCH AND RESEARCH TRAINING INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989 93.989			9,554 219,768	_	5,957	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			271,157	_	144.486	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			197,252	_	23,379	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989 93.989	PARTNERSHIP FOR RESEARCH AND ACTION FOR HEALTH	NIHFICSA202001	119,515	16.470	53,443	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989	PARTNERSHIP FOR RESEARCH AND ACTION FOR HEALTH	NIHFICSA202001	_	8,294	_	886,511
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994 93.994	NYS DEPARTMENT OF HEALTH NYS DEPARTMENT OF HEALTH	DOH01C32134GG3450000 DOH01C32134GG3450000	_	241,405 148,442	-	
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	C32360GG	=	32,799	=	422,646
Total U.S. Department of Health and Human Services				203,799,545	27,946,116	24,306,162	231,745,661
Corporation for National and Community Service:  NATIONAL SERVICE AND CIVIC ENGAGEMENT RESEARCH COMPETITION	94.026			115.679	_	_	115.679
Total Corporation for National and Community Service	54.025			115,679			115,679
U.S. Department of Homeland Security:				<u> </u>			
DEPARTMENT OF HOMELAND SÉCURITY RESEARCH PROJECTS	97.000 97.002	NATIONAL INSTITUTE FOR HOMETOWN SECURITY	03-18-SBU	264,463	74.771	48.591	264,463 74,771
HAZARD MITIGATION GRANT	97.039	NYS DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT SERVICES	C000814	=	262,905	40,381	262,905
COOPERATING TECHNICAL PARTNERS COOPERATING TECHNICAL PARTNERS	97.045 97.045			74,402	_	_	99 076
COMPERATING TECHNICAL PARTINERS CENTERS FOR HOMELAND SECURITY	97.045 97.061	ARIZONA BOARD OF REGENTS	ASUB00000362	24,674	177.459	=	99,076
CENTERS FOR HOMELAND SECURITY	97.061	ARIZONA BOARD OF REGENTS	ASUB00000366	_	9,553	_	
CENTERS FOR HOMELAND SECURITY CENTERS FOR HOMELAND SECURITY	97.061 97.061	ARIZONA BOARD OF REGENTS ARIZONA STATE UNIVERSITY	ASUB00000612 18339	_	105,429 73,111	=	
CENTERS FOR HOMELAND SECURITY	97.061	BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA	4401081001401	_	114,166	_	
CENTERS FOR HOMELAND SECURITY	97.061	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	077083-17339		2,343		482,061
Total U.S. Department of Homeland Security				363,539	819,737	48,591	1,183,276
U.S. Agency for International Development (USAID): UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT	98.000	NATIONAL ACADEMY OF SCIENCES	2000006863		1_		1_
Total U.S. Agency for International Development (USAID)							1_
TOTAL RESEARCH AND DEVELOPMENT CLUSTER				361,248,121	67,647,174	62,280,043	428,895,295
CCDF CLUSTER:							
U.S. Department of Health and Human Services: CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	190194	_	2.935	_	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190122	_	112,701	_	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190157 C190190	_	11,046 3.664.276	=	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190191	_	298,844	_	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190192 C190193	_	46,740 104.908	_	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190196	_	315,090	_	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190197 C190198	_	49,810 7.462	=	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES  NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190198 C200120	=	179,509	=	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200128	_	236,993	_	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200129 C200130	_	159,861 179,434	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200131	=	220,788	=	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200133 C200134	_	262,394 3.638.364	_	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200134 C200136	=	3,638,364	=	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200137	_	536,321		
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES STONY BROOK UNIVERSITY	NA C002262	=	1,508,714 9,318	1,436,870	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	STONY BROOK UNIVERSITY	C002361	_	225,619	225,619	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	STONY BROOK UNIVERSITY STONY BROOK UNIVERSITY	C002361 C002772 PO115531615	_	(208,703) 131,764	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	STONY BROOK UNIVERSITY	C022772 FC113331013	=	10,015	=	11,719,677
Total U.S. Department of Health and Human Services					11,719,677	1,662,489	11,719,677
TOTAL CCDF CLUSTER					11,719,677	1,662,489	11,719,677
CHILD NUTRITION CLUSTER:							
U.S. Department of Agriculture: SUMMER FOOD SERVICE PROGRAM FOR CHILDREN	10.559	NYS EDUCATION DEPARTMENT	N/A		1,228		1,228
Total U.S. Department of Agriculture							1,228
TOTAL CHILD NUTRITION CLUSTER					1,228		1,228
DISABILITY INSURANCE/SSI CLUSTER:							
U.S. Department of Social Security Administration: SOCIAL SECURITY DISABILITY INSURANCE	96 001	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	TBD		(750)		(756)
SOCIAL SECURITY DISABILITY INSURANCE  Total U.S. Department of Social Security Administration	90.001	NTO OFFICE OF TEMPORART & DISABILITY ASSISTANCE	IBD		(756)		
TOTAL DISABILITY INSURANCEISSI CLUSTER					(756)		
TOTAL DISABILITE INSURANCE/SSI CLUSTER					(756)		(756)

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	expenditures by CFDA and federal grantor
11.307			\$ 133.045	_	_	133,045
			133,045			
			133,045			133,045
20.600 20.600 20.600 20.600 20.600 20.600 20.616 20.616	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002461 C002462 C002464 C002532 C002534 C002536 C002459 C002533	- - - - - -	61,575 106,472 255,472 181,170 277,010 638,515 44,590 116,824	_ _ _ _ _	1,520,214
20.616	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002535				501,155
						2,021,369
				2,021,369		2,021,369
93.778	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190193		64,470		64,470
						64,470
				64,470		64,470
10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551 10.551	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C190183 C190187 C190170 C190172 C190175 C200143 C200144 C200144 C200144 C300144 C100147 C10014		134,202 65,027 405,261 213,584 785,287 671,521 347,784 157,735 (49,408) 273,559 561,767 (46,582) 471,159 (133,002) 339,889 642,769 479,497 (17,923 242,77,923 62,925		5,320,049
				5,715,138		5,715,138
				5,715,138		5,715,138
84.027 84.027 84.027 84.027 84.027 84.027 84.173	MULTIPLE SPONSORS  NYS EDUCATION DEPARTMENT  NEW YORK CITY DEPARTMENT OF EDUCATION  NEW YORK CITY DEPARTMENT OF EDUCATION	NA C014035 C014035 MOU# 019-007 MOU# 019-007 N/A N/A		17,923 26,097 459,135 123,575 84,011 124,518 21,453		710,741 856,712
				856,712		856,712
84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,042 84,044 84,047 84			57,939 111,215 30,530 30,530 30,530 30,530 31,451 138,615 372,164 192,231 40,922 20,276 210,912 20,276 210,912 319,924			2.546,754 749,682 3,548,170
	11.307  20.6000 20.6000 20.	20.600 NYS GOVERNORS TRAFFIC SAFETY COMMITTEE 20.616 NYS GOVERNORS TRAFFIC SAFETY COMMITTEE 20.617 NYS OFFICE OF CHILDREN AND FAMILY SERVICES 20.618 NYS OFFICE OF CHILDREN AND FAMILY SERVICES 20.619 NYS OFFICE OF CHILDREN AND FAMILY SERVICES 20.610 NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE 20.610	11.307  20.600 NYS GOVERNORS TRAFFIC SAFETY COMMITTEE 20.601 NYS GOVERNORS TRAFFIC SAFETY NO SAFETY	11.307	11.307  26.000  NYS GOVERNORS TRAFFIC SAFETY COMMITTEE  26.000  26.000  NYS GOVERNORS TRAFFIC SAFETY COMMITTEE  26.000  26.000  NYS GOVERNORS TRAFFIC SAFETY COMMITTEE  26.000	1130F

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217 84.217			\$ 240,540 332,630	=	=	
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217 84.217			377,656 263,815	=	Ξ	1,214,641
Total U.S. Department of Education				8,059,247	_		8,059,247
TOTAL TRIO CLUSTER				8,059,247			8,059,247
WIOA CLUSTER: U.S. Department of Labor:							
WIOA DISLOCATED WORKER FORMULA GRANTS  Total U.S. Department of Labor	17.278	NYS DEPARTMENT OF LABOR	C18363GG		(48,697)		(48,697)
TOTAL WIOA CLUSTER					(48,697)		(48,697)
OTHER PROGRAMS:							
U.S. Department of Peace Corps: PEACE CORPS	08.000			1,487			1,487
Total U.S. Department of Peace Corps				1,487			1,487
U.S. Department of Agriculture: FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.175			121,993	_		121,993
HIGHER EDUCATION – INSTITUTION CHALLENGE GRANTS PROGRAM HIGHER EDUCATION – INSTITUTION CHALLENGE GRANTS PROGRAM CAPACITY BUILDING FOR NONLAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.217 10.217 10.326			7,888 104,960 46,290	=	(281) 26,516 23.044	112,848 46,290
RURAL BUSINESS DEVELOPMENT GRANT	10.351 10.557	NYS DEPARTMENT OF HEALTH	DOH01-C30390GG-3450000	49,100	431.890	23,044	49,100
WIC SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN WIG SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN COOPERATIVE FORESTRY ASSISTANCE	10.557 10.557 10.664	NYS DEPARTMENT OF HEALTH NYS DEPARTMENT OF HEALTH	DOH01-C30390GG-3450000 DOH01C35512GG3450000	10,002	1,022,393	2,715	1,454,283 10,002
SOIL AND WATER CONSERVATION	10.902			(7)		2,715	(7)
Total U.S. Department of Agriculture U.S. Department of Commerce:				340,226	1,454,283	51,994	1,794,509
CLUSTER GRANTS CLUSTER GRANTS	11.020 11.020			137,341 119,664	-	-	
CLUSTER GRANTS  ECONOMIC DEVELOPMENT TECHNICAL ASSISTANCE	11.020 11.020 11.303			119,664 80,248 156,192	=	=	337,253 156.192
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313			446,144 342,331	=	=	788.475
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417			35,614 55,727	=	=	700,475
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417			30,887 1,450	Ξ	Ξ	123,678
SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.620	JOHNS HOPKINS UNIVERSITY	2004113019		158,258		158,258
Total U.S. Department of Commerce U.S. Department of Defense:				1,405,598	158,258		1,563,856
DEPARTMENT OF DEFINSE  BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.000 12.630	OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION NATIONAL SCIENCE TEACHERS ASSOCIATION	NA 20871028	=	16,588 4,428	=	16,588
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.630 12.800	NATIONAL SCIENCE TEACHERS ASSOCIATION GRIFFISS INSTITUTE	21871017 200110010125	=	7,424 54,136	=	11,852
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM GENC'BER GRANTS PROGRAM	12.800 12.903	NYS TECHNOLOGY ENTERPRISE CORPORATION	TA0743	30,028	32,949	Ξ	87,085 30.028
Total U.S. Department of Defense	12.500			30,028	115,525		145,553
U.S. Department of the Interior: COOPERATIVE RESEARCH AND TRAINING PROGRAMS – RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			17,738	_	_	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945			2,350 23.753	=	=	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945			54,211 47,502	Ξ	Ξ	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945			56,491 10,824	=	_	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS - RESOURCES OF THE NATIONAL PARK SYSTEM NATIONAL PARK SERVICE CONSERVATION, PROTECTION, OUTREACH, AND EDUCATION	15.945 15.954	NATIONAL WRITING PROJECT CORPORATION	01NY09NPS2020	2,815	 507	=	215,684 507
Total U.S. Department of the Interior				215,684	507		216,191
U.S. Department of Justice: DEPARTMENT OF JUSTICE	16.000	ERIE COUNTY DEPARTMENT OF HEALTH	18701HE	_	8,120	_	
DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE	16.000 16.000	ERIE COUNTY SHERIFF'S DEPARTMENT STATE UNIVERSITY OF NEW YORK	2019RWBX0009 C003385	=	53,886 2.835.847	=	2.897.853
GRANTS TO REDUCE DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL ASSAULT, AND STALKING ON CAMPUS GRANTS TO REDUCE DOMESTIC VIOLENCE. DATING VIOLENCE. SEXUAL ASSAULT, AND STALKING ON CAMPUS	16.525 16.525			51,119 74,795		Ξ	125,914
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560 16.560			30,079 37,059	=	=	
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH FELLOWSHIPS	16.560 16.562			18,358 314	=	Ξ	85,496 314
CRIME VICTIM ASSISTANCE CRIME VICTIM ASSISTANCE	16.575 16.575	RAMAPO COLLEGE OF NEW JERSEY UNITY HOUSE OF TROY INCORPORATED	NA UH31503	=	17,759 13,239	=	
CRIME VICTIM ASSISTANCE CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.575 16.582	UNITY HOUSE OF TROY INCORPORATED JUSTICE RESEARCH AND STATISTICS ASSOCIATION	UH31503 804878247	=	87,581 99	=	118,579
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS DRUG COURT DISCRETIONARY GRANT PROGRAM	16.582 16.585	NYS OFFICE OF VICTIM SERVICES UBMD FAMILY MEDICINE	C10867 NA	_	122,457 15,220	_	122,556
DRUG COURT DISCRETIONARY GRANT PROGRAM EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.585 16.738	UBMD FAMILY MEDICINE NYS DIVISION OF CRIMINAL JUSTICE SERVICES	NA C445165	_	46,099 176,389	_	61,319 176,389
RECOVERY ACT – VOCA CRIME VICTIM ASSISTANCE DISCRETIONARY GRANT PROGRAM SECOND CHANCE ACT REENTRY INITIATIVE	16.807 16.812	NYS UNIFIED COURT SYSTEM BESTSELF BEHAVIORAL HEALTH INCORPORATED	C250691 NA	Ξ	1,174 2,142	_	1,174 2,142
COMPREHENSIVE OPIOID, STIMULANT, AND SUBSTANCE ABUSE PROGRAM STOP SCHOOL VIOLENCE	16.838 16.839	ERIE COUNTY DEPARTMENT OF HEALTH LOCKPORT CITY SCHOOL DISTRICT	21365HE NA		16,339 2,159		16,339 2,159
Total U.S. Department of Justice				211,724	3,398,510		3,610,234
U.S. Department of Labor: DEPARTMENT OF LABOR	17.000	WESTERN NY COUNCIL ON OCCUPATIONAL SAFETY & HEALTH	N/A	_	15,941	_	15,941
H-1B JOB TRAINING GRANTS WIOA DISLOCATED WORKER NATIONAL RESERVE DEMONSTRATION GRANTS	17.268 17.280			481,813 1,004,919	_	229,023	481,813 1,004,919

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
WOMEN'S BUREAU	17.700			\$ 176,730			176,730
Total U.S. Department of Labor U.S. Department of State: GLOBAL THREAT REDUCTION	19.033			1,663,462 194,348	15,941	229,023	1,679,403
PUBLIC DIPLOMACY PROGRAMS PUBLIC DIPLOMACY PROGRAMS	19.040			14,293	=	=	
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.040 19.415	AMERICAN COUNCIL FOR INTERNATIONAL EDUCATION	SECAGD19CA0054 SBU200392	30,012	47,841	_	44,305
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS – CITIZEN EXCHANGES AFFCAIESE PD PROGRAMS	19.415 19.900	AMERICAN COUNCIL FOR INTERNATIONAL EDUCATION EURASIA FOUNDATION	SECAGD20CA0027 W19-3003	=	207,366	_	255,207
AEECA/ESF PD PROGRAMS	19.900	NETWORK 20/20	NA NA	_	11,782	=	41,146
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901			104,826 146,235	=	=	
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901			32,622 88,538	_	=	
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			83,900	=	_	
EXPORT CONTROL AND RELATED BORDER SECURITY  Total U.S. Department of State	19.901			62,257 757,031	296,353		1,053,384
Department of Transportation:					280,333		·
HIGHWAY TRAINING AND EDUCATION  Total Department of Transportation	20.215			19,249			19,249
Appelachian Regional Commission:							·
APPALACHIÁN AREA DEVELOPMENT Total Appalachian Regional Commission	23.002			32,560 32,560			32,560 32,560
Library of Congress							
LIBRARY OF CONGRESS  Total Library of Congress	42.000			2,308			2,308
National Aeronautics and Space Administration:							
SCIENCE SCIENCE	43.001 43.001			44,328 28,211	_	_	
SCIENCE OFFICE OF STEM ENGAGEMENT (OSTEM)	43.001 43.008	CORNELL UNIVERSITY	90830-20362	41,281	8,000	=	113,820 8,000
SPACE TECHNOLOGY  Total National Aeronautics and Space Administration	43.012			55,520 169,340	8,000		55,520 177,340
National Endowment for the Arts:							
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS	45.024 45.149			2,576 17,566	=	_	2,576
PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS	45.149 45.160			85,843 59,953	_	Ξ	103,409
PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS	45.160			6,000	_	_	
PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS PROMOTION OF THE HUMANITIES RESEARCH	45.160 45.161			2,594 3,522	=	Ξ	68,547 3.522
COVID-19 – PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162 45.162			299,996 1,177	_	=	
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162			3,381	=	=	304,554
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.163 45.163			(52) 2.815	=	_	
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.163 45.169			3,102 1,094	=	_	5,865
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.169			1,094	_	=	2,188
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313	UNIVERSITY OF WEST GEORGIA	115854AUB	490,661	32,153		32,153
Total National Endowment for the Arts Small Business Administration:				490,661	32,153		522,814
SMALL BUSINESS DEVELOPMENT CENTERS SMALL BUSINESS DEVELOPMENT CENTERS	59.037 59.037			(138) 1 749 264	=	1.639.345	
SMALL BUSINESS DEVELOPMENT CENTERS	59.037			4,205,497	_	3,616,781	
SMALL BUSINESS DEVELOPMENT CENTERS SMALL BUSINESS DEVELOPMENT CENTERS	59.037 59.037			1,647,238 2.310.168	=	934.354	9.912.029
Total Small Business Administration				9,912,029		6,190,480	9,912,029
U.S. Veterans Administration: VETERANS BENEFITS ADMINISTRATION	64 000			(1 425)	_	_	(1.425)
VA GRANTS FOR ADAPTIVE SPORTS PROGRAMS FOR DISABLED VETERANS AND DISABLED MEMBERS OF THE ARMED FORCES	64.034			74,508			74,508
Total U.S. Veterans Administration Environmental Protection Agency.				73,083			73,083
ENVIRONMENTAL POLÍCY ÁND INNOVATION GRANTS	66.611			527			527
Total Environmental Protection Agency U.S. Department of Energy:				527			527
DEPARTMENT OF ENERGY OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.000			2,538 367,124	_	_	2,538
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM	81.049 81.124			367,124 62,125			367,124 62,125
Total U.S. Department of Energy				431,787			431,787
U.S. Department of Education: ADULT EDUCATION – BASIC GRANTS TO STATES	84.002	NYS EDUCATION DEPARTMENT	C403417 0040202083	_	10.068	_	
ADULT EDUCATION – BASIC GRANTS TO STATES	84.002	NYS EDUCATION DEPARTMENT	C403417 0040212083	=	61,903	_	
ADULT EDUCATION – BASIC GRANTS TO STATES ADULT EDUCATION – BASIC GRANTS TO STATES	84.002 84.002	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C403418 C403418 0040212082	=	13,118 46,785	_	131,874
TITLE I GRANT TO LOCAL EDUCATIONAL AGENCIES MIGRANT EDUCATION STATE GRANT PROGRAM	84.010 84.011	MISSISSIPPI DEPARTMENT OF EDUCATION ALABAMA STATE DEPARTMENT OF EDUCATION	8200050549 C200438	_	38,043 8 203	-	38,043
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	ALABAMA STATE DEPARTMENT OF EDUCATION	C200439	=	3,779	1,417	
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	ALABAMA STATE DEPARTMENT OF EDUCATION ALABAMA STATE DEPARTMENT OF EDUCATION	C210286 C210287	_	71,805 29,302		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	ARKANSAS MIGRANT EDUCATION PROGRAM	N/A	Ξ	1,605	_	
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	CALIFORNIA DEPARTMENT OF EDUCATION COLORADO DEPARTMENT OF EDUCATION	CN190172 S144F18006 PO:DAAA202000004609	_	1,233 5,300	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grants
MIGRANT FOLICATION STATE GRANT PROGRAM	84 011	DELAWARE DEPARTMENT OF EDUCATION	C21-314	s –	9 927		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	DELAWARE DEPARTMENT OF EDUCATION	C21-637 PO 0000538469	-	26,394	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	FLORIDA DEPARTMENT OF EDUCATION	9862170T0PF01	_	85,326	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	FLORIDA DEPARTMENT OF EDUCATION	N/A	_	179,011	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	GEORGIA DEPARTMENT OF EDUCATION	S144F160011	_	5,267	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	IDAHO DEPARTMENT OF EDUCATION	S144F1600012	_	5,844	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	KENTUCKY DEPARTMENT OF EDUCATION	PON25402000000894	_	6,197	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	KENTUCKY DEPARTMENT OF EDUCATION	PON25402100000982	_	4,959	_	
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	LOUISIANA DEPARTMENT OF EDUCATION LOUISIANA DEPARTMENT OF EDUCATION	2000434752 2000434752	_	92,831 242,762	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MAINE DEPARTMENT OF EDUCATION	S144F1600019		5,477		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MISSISSIPPI STATE UNIVERSITY	019539		844		
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MISSOURI DEPARTMENT OF EDUCATION	S144F160025	_	5.330	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	CS181807001	_	(1,481)	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	CS181807001	_	543,635	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84 011	MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	CS181807001	_	1.377	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403305 0035200022	_	176,355	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403305 0035210022	_	405.878	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403306 0035200002	_	153,980	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403306 0035210002	_	508,125	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403307 0035200037	_	185,697	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403307 0035210037	_	494,355	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403308 0035200013	_	238.854	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403308 0035210013	_	657.742	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403309 0035200005	_	222,274	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403309 0035210005	_	684,746	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C990489	_	575,333	25,502	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C990489	_	1,458,983	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	OREGON DEPARTMENT OF EDUCATION	S144F160037	_	5,268	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	PENNSYLVANIA DEPARTMENT OF EDUCATION	2019-69 S144F160002	_	4,956	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	PENNSYLVANIA DEPARTMENT OF EDUCATION	2020-76	_	14,479	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	TEXAS EDUCATION AGENCY	A41619 206150177110001	_	61,106	_	
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	WASHINGTON STATE OFFICE OF SUPERINTENDENT OF PUBLIC INSTRUCTION	S144F160048	_	5,548	-	7,188,6
NATIONAL RESOURCE CENTERS PROGRAM FOR FOREIGN LANGUAGE AND AREA STUDIES OR FOREIGN LANGUAGE AND INTERNATIONAL							
STUDIES PROGRAM AND FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIP PROGRAM	84.015	UNIVERSITY OF MAINE AT ORONO	UMS1197	_	40,412	_	40.4
HIGHER EDUCATION INSTITUTIONAL AID	84.031			424,944	_	_	
HIGHER EDUCATION INSTITUTIONAL AID	84.031			487,356	_	_	
HIGHER EDUCATION INSTITUTIONAL AID	84.031			311,634	_	-	1,223,9
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000206010	_	13,217	_	
AREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000206060	_	2,991	_	
AREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000206100	_	1,491	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000206870	_	23,900	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000206995	_	1,477	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000216010	_	194,708	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000216060	_	82,760	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000216100	_	104,558	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000216130	_	131,808	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000216870	_	186,386	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000216890	_	100,465	_	
CAREER AND TECHNICAL EDUCATION - BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000216995		44,683	_	888,4
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.116 84.126	NYS EDUCATION DEPARTMENT	C013637	123,035	27.296	_	123,0
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126 84.126		C013637 C190193	_	27,296	_	
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126 84.126	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES		_	24,766 37,287	_	
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126 84.126		C200129 T012247	_	1,993	_	
REPUBLICATION SERVICES VOCATIONAL REPUBLICATION GRANTS TO STATES EHABILITATION SERVICES VOCATIONAL REPUBLICATION GRANTS TO STATES	84.126	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	T012247	_	28.805	_	120.
IERHABILITATION LONG TERM-TRAINING	84.129	NTS OFFICE OF CHILDREN AND FAMILT SERVICES	1012310	183.574	20,000	_	183.
KERABILITATION LONG TERMATING MIGRANT EDUCATION COORDINATION PROGRAM	84.129	FLORIDA DEPARTMENT OF EDUCATION	986-1160T-0PF01	103,574	17,242	_	17,2
IIIGRANT EDUCATION COURDINATION PROGRAMI IIGRANT EDUCATION COLLEGE ASSISTANCE MIGRANT PROGRAM	84.149	FLORIDA DEPARTMENT OF EDUCATION	900-11001-09701	409,503	17,242	Ξ	409,5
IIGRANT EDUCATION CULLEGE ASSISTANCE MIGRANT PROGRAM	84.184	NIACADA FALLO CITY COLICOL DICTRICT	N/A	409,503	55.824	=	409,5 55.8
CHOOL SAFETY NATIONAL ACTIVITIES (FORMERLY, SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES-NATIONAL PROGRAMS) DUCATION FOR HOMELESS CHILDREN AND YOUTH	84.184 84.196	NIAGARA FALLS CITY SCHOOL DISTRICT EASTERN SUFFOLK BOCES	58910000000	_	55,824 620	=	5,60
DUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	5891000000	_	864		
DUCATION FOR HOMELESS CHILDREN AND YOUTH	84 196	EASTERN SUFFOLK BOCES	5891000000	_	3,800		
DUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	58910000000	_	119	_	
DUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	58910000000		1.999		
DUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	NA NA	_	220	_	
DUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	NA NA	_	1.000	_	
DUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	NA	_	3.243	_	
DUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	NA.	_	9,996	_	21,
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			20.154		_	
RADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			2.741	_	_	
SRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			1.862	_	_	
SRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			113.998	_	_	
RADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			202 950			
RADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			220,121	=		561.
HARTER SCHOOLS	84.282	INSTITUTE FOR EXCELLENCE IN EDUCATION	NA		7.263		7,
WATER SERVICES CENTURY COMMUNITY LEARNING CENTERS	84.287	NYS EDUCATION DEPARTMENT	C403011	=	17.067		,,
WENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287	NYS EDUCATION DEPARTMENT	C403011	_	192.016	49.612	209.
PECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323	NYS EDUCATION DEPARTMENT	MOU018026		102,010	40,012	200,
PECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323	NYS EDUCATION DEPARTMENT	MOU018026		214,731	46,888	214.
PECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		1100010020	202,294	214,731	-0,000	202,
AINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS	84.334	NYS HIGHER EDUCATION SERVICES CORPORATION	C003043	202,234	33.904		202,
ANNING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS	84.334	NYS HIGHER EDUCATION SERVICES CORPORATION	HES01C12336GG3310200	_	27.925		61.
AINING EARLY AWARCHESS AND READINESS FOR UNDERGRADUATE PROGRAMS HILD CARE ACCESS MEANS PARENTS IN SCHOOL	84.334 84.335	NTO THORIEN EDOGATION SERVICES CORPORATION	RESULC 12330GG3310200	90.728	21,925	_	90.
HIED OANE ACCESS WEARS PANERTS IN SCHOOL	84.335 84.336	CHEEKTOWAGA CENTRAL SCHOOL DISTRICT	NA	90,728	_	_	90
ACHER OLIALITY PARTNERHIP GRANTS		NATIONAL WRITING PROJECT CORPORATION	17NY16LRNG2019	_	7.217		
		TOTAL WITHING PROJECT CORPORATION	17NY16LRNG2019 17NY16SEED2019C3WPAI	_	1.800	_	
UPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367 84.367						
UPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) UPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367	NATIONAL WRITING PROJECT CORPORATION					400
UPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) UPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) UPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367 84.367	STATE UNIVERSITY OF NEW YORK	C001279	_	156,470	=	165,
LIPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) LIPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) LIPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) CHOOL LIMPROVEMENT GRANTS  CHOOL LIMPORVEMENT GRANTS	84.367 84.367 84.377	STATE UNIVERSITY OF NEW YORK ROCHESTER CITY SCHOOL DISTRICT	C001279 N/A	=	156,470 1,216	Ξ	165,
LIPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) LIPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) LIPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) CHOOL IMPROVEMENT GRANTS CHOOL IMPROVEMENT GRANTS CHOOL IMPROVEMENT GRANTS	84.367 84.367 84.377 84.377	STATE UNIVERSITY OF NEW YORK ROCHESTER CITY SCHOOL DISTRICT ROCHESTER CITY SCHOOL DISTRICT	C001279 N/A N/A	Ξ	156,470 1,216 43,631	=	
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) SCHOOL IMPROVEMENT GRANTS SCHOOL IMPROVEMENT GRANTS	84.367 84.367 84.377 84.377 84.377	STATE UNIVERSITY OF NEW YORK ROCHESTER CITY SCHOOL DISTRICT ROCHESTER CITY SCHOOL DISTRICT SYRACUSE CITY SCHOOL DISTRICT	C001279 N/A N/A N/A	= = =	156,470 1,216 43,631 14,500		165,4 59,3
TEACHER QUALITY PARTNERHIP GRANTS  UPPOPRING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)  SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)  SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)  SCHOOL IMPROVEMENT GRANTS  SCHOOL IMPROVEMENT GRANTS  CHOOL IMPROVEMENT GRANTS  CHOOL OF THE CHART OF THE CHA	84.367 84.367 84.377 84.377	STATE UNIVERSITY OF NEW YORK ROCHESTER CITY SCHOOL DISTRICT ROCHESTER CITY SCHOOL DISTRICT	C001279 N/A N/A	2,794,894	156,470 1,216 43,631	123,419	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantorflederal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
U.S. Department of Health and Human Services:							
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			\$ 21,629	_	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			8,030,614	_	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	AND DESIGN OF OUR DREAM AND SAME VICEOUS	TOD	2,137,147	-	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD TBD	_	162,103 (62,865)	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		(39.686)		10.248.942
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074	HEALTH RESEARCH INC	285715	_	5.972	_	,
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074	HEALTH RESEARCH INC	434909	_	68	_	
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074	HEALTH RESEARCH INC	N/A	_	54,229	_	
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074 93.074	PUBLIC HEALTH SOLUTIONS PUBLIC HEALTH SOLUTIONS	19RFS01 76608 19RFS02 76608	=	19,300 36,941	_	
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074	PUBLIC HEALTH SOLUTIONS PUBLIC HEALTH SOLUTIONS	19RFS02 76606 19RFS02 P076621	_	7,440	_	123.950
ADVANCING SYSTEM IMPROVEMENTS FOR KEY ISSUES IN WOMEN'S HEALTH	93.088	ERIE COUNTY DEPARTMENT OF HEALTH	18622HE1		2.142		2.142
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092	NYS DEPARTMENT OF HEALTH	DOH01C32087GG3450000	_	190,335	_	
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092	NYS DEPARTMENT OF HEALTH	DOH01C32087GG3450000	_	163,262	_	353,597
HEALTH PROFESSION OPPORTUNITY GRANTS	93.093	ACTION FOR A BETTER COMMUNITY INCORPORATED	90FX0055	_	24,305	_	
HEALTH PROFESSION OPPORTUNITY GRANTS COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.093 93.104	ACTION FOR A BETTER COMMUNITY INCORPORATED CAYLIGA COLINTY COMMUNITY MENTAL HEALTH	90FX0055 N/A	_	59,525 83.893	_	83,830
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)  COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	CHAUTAUQUA COUNTY DEPARTMENT OF MENTAL HYGIENE	N/A N/A		03,093		
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	RESEARCH FOUNDATION FOR MENTAL HYGIENE	145174	_	183,866	_	
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	RESEARCH FOUNDATION FOR MENTAL HYGIENE	149378	_	192,206	_	460,009
COVID-19 – AREA HEALTH EDUCATION CENTERS	93.107			95,453	_	88,384	
AREA HEALTH EDUCATION CENTERS AREA HEALTH EDUCATION CENTERS	93.107 93.107			503,366 946,033	_	383,879	1.544.852
AREA REAL IT EDUCATION CENTERS MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.107			72 893		691,566	1,344,632
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			8,809	_	_	
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			10,164	_	_	
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C028140	_	41,621	_	
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110 93.117	UNIVERSITY OF ROCHESTER	417855		11,726	=	145,213
PREVENTIVE MEDICINE RESIDENCY PREVENTIVE MEDICINE RESIDENCY	93.117			399,709 55,772	_	_	
PREVENTIVE MEDICINE RESIDENCY PREVENTIVE MEDICINE RESIDENCY	93.117			3,438			458,919
EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127			583,964	_	300,442	400,010
EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127	MEDICAL COLLEGE OF WISCONSIN	6091339	_	5,998	-	589,962
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136	HEALTH RESEARCH INC	548704	_	22,233	_	22,233
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	10GG01490504 SAPO G14835	_	15,118	_	
COVID-19 – HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145 93.145	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1GG01742201 9(GG014905-03) POG14829	_	52,786 90,479	=	158,383
COVID-19 - COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153	TROSTEES OF COECONIDIA ONIVERSITY IN THE CITY OF NEW YORK	8(00014803-03) F 0014028	25,375	50,475		130,303
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153			57,041	_	_	
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153			699,526	_	_	
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153			358,277	_	109,808	
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153 93.153			(20) 156,935	_	_	1.297.134
COUNDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND TOUTH GRANTS TO STATES TO SUPPORT ORAL HEALTH WORKFORCE ACTIVITIES	93.236	HEALTH RESEARCH INC	579702	150,935	24,019	_	1,297,134
GRANTS TO STATES TO SUPPORT ORAL HEALTH WORKFORCE ACTIVITIES	93.236	HEALTH RESEARCH INC	579703	_	26,327	_	
GRANTS TO STATES TO SUPPORT ORAL HEALTH WORKFORCE ACTIVITIES	93.236	HEALTH RESEARCH INC	NA NA	_	61,802	_	112,148
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	BESTSELF BEHAVIORAL HEALTH INCORPORATED	N/A	_	47,184	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.243	CHAUTAUQUA COUNTY DEPARTMENT OF MENTAL HYGIENE COUNCIL ON ADDICTION RECOVERY SERVICES	N/A NA	_	3,125 2.662	_	
SUBSTANCE ABUSE AND MENTAL HEAL ITS SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEAL TH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	COUNCIL ON ADDICTION RECOVERY SERVICES  COUNCIL ON ADDICTION RECOVERY SERVICES	NA NA	_	5.449	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	CRISIS SERVICES INCORPORATED	NA.	_	48.147	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	ERIE COUNTY DEPARTMENT OF MENTAL HEALTH	19826MH	_	340,688	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	NYS OFFICE OF ALCOHOLISM SUBSTANCE ABUSE SERVICES	NA	_	. 7	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.243	NYS OFFICE OF ALCOHOLISM SUBSTANCE ABUSE SERVICES NYS OFFICE OF ALCOHOLISM SUBSTANCE ABUSE SERVICES	NA NA	_	24 (364)	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	RESEARCH FOUNDATION FOR MENTAL HYGIENE	27291	_	15,229	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	TEGENION CONDITION OF MENTAL MODILE	21231	66,202	10,225	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			41,989	_	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			125,363	_	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			39,234 28,566	_	_	
SUBSTANCE ABUSE AND MENTAL HEAL IT SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE. SUBSTANCE ABUSE AND MENTAL HEALT SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE.	93.243			28,566 41.263			
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			116,445	_	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			136,057	_	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			270,207	_	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.243			150,953 371,074	_	_	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			3/1,0/4 96.721	=		1.946.225
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247			19,895	_	_	1,040,220
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247			636,695	_	_	
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247			101,408	_	_	
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247	MARK MARKET BARRETT LOCATION		540,235		_	
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247 93.247	MARY IMOGENE BASSETT HOSPITAL MARY IMOGENE BASSETT HOSPITAL	ANE-NPR Binghamton ANE-NPR Binghamton	_	7,275	=	1.357.947
ADVANCED NORSING EDUCATION WORK-PORCE GRANT PROGRAM GERIATRIC ACADEMIC CAREER AWARDS DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.250	MART IMOGENE BASSETT HOSPITAL	ANE-NPR Binghamion	392	52,439	_	1,357,947
GERIATRIC ACADEMIC CAREER AWARDS DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.250			78,652	_	_	79,044
POISON CENTER SUPPORT AND ENHANCEMENT GRANT	93.253			361,374	_	_	
POISON CENTER SUPPORT AND ENHANCEMENT GRANT	93.253			292,095		_	653,469
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268	ONONDAGA COUNTY	35719	_	12,939	_	20.002
IMMUNIZATION COOPERATIVE AGREEMENTS DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	93.268 93.276	ONONDAGA COUNTY	35719	35.725	15,963	_	28,902
DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	93.276 93.276			35,725 7,444	_	=	43,169
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283	CERNER CORPORATION	75D30120C08752		17,150	_	40,100
COVID-19 - CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283	CHILDRENS HOSPITAL OF BOSTON	GENFD0001869782	_	374	_	17,524
NATIONAL CENTER FOR HEALTH WORKFORCE ANALYSIS	93.300			412,174	_	_	412,174
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323	HEALTH RESEARCH INC	640601	-	18,999		18,999
LEADERSHIP IN PUBLIC HEALTH SOCIAL WORK EDUCATION GRANT PROGRAM NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.330 93.359			339,829 429,603	_	75,000 36,108	339,829 429.603
NON-ACAPPHI-BUILDING CAPACITY OF THE PUBLIC HEALTH SYSTEM TO IMPROVE POPULATION HEALTH THROUGH NATIONAL NONPROFIT ORGANIZATIONS	83.338			425,003	_	30,100	425,003
NONPROFIT ORGANIZATIONS	93.424	CATHOLIC CHARITIES AIDS SERVICES	N/A	_	9,400	_	9,400
EVERY STUDENT SUCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C028479	_	561,469	_	

#### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

Federal grantor/federal subdivision or pass-through grantor	Assistance Listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by CFDA and federal grantor
EVERY STUDENT SUCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93 434	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C028961		372 118		
EVERY STUDENT SUCCEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C028961	_	26,268	_	959,855
ACL ASSISTIVE TECHNOLOGY	93.464	NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS	JUS01C10008GG1420000	_	(32,487)	-	
ACL ASSISTIVE TECHNOLOGY ACL ASSISTIVE TECHNOLOGY	93.464 93.464	NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS  NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	JUS01C10007GG1420000 JUS01C10007GG1420000 TR7GG	_	9,454 60,679	_	
ACL ASSISTIVE TECHNOLOGY	93.464	NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	N/A	=	37.967	=	
ACL ASSISTIVE TECHNOLOGY	93.464	NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	N/A	_	2,766	_	
ACL ASSISTIVE TECHNOLOGY	93.464	NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	N/A	_	42,500	_	
ACL ASSISTIVE TECHNOLOGY	93.464	NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	N/A	_	16,593	-	137,472
MARYLEE ALLEN PROMOTING SAFE AND STABLE FAMILIES PROGRAM MARYLEE ALLEN PROMOTING SAFE AND STABLE FAMILIES PROGRAM	93.556 93.556	CATHOLIC FAMILY CENTER OF ROCHESTER CATHOLIC FAMILY CENTER OF ROCHESTER	22239 N/A	=	53,981 28,039	=	82 020
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	CLINTON COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	=	24.077	=	02,020
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	CLINTON COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	_	18,512	_	
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	ESSEX COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	_	13,633	_	
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	FRANKLIN COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	_	22,615	-	
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558 93.558	FRANKLIN COUNTY DEPARTMENT OF SOCIAL SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A C028437	_	13,970 1,641		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES  TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C002851		(1)		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	NA	_	3,234,812	_	
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	STONY BROOK UNIVERSITY	C002412	_	266,401	258,426	3,595,660
CHILD SUPPORT ENFORCEMENT CHILD SUPPORT ENFORCEMENT	93.563 93.563	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190193 C200129	_	34,595	_	
CHILD SUPPORT ENFORCEMENT CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C200129 C190168	_	51,088 1,011,777	=	
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C190173	_	107.332		
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C190174	_	487,330	_	
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C200142	_	399,166	_	
CHILD SUPPORT ENFORCEMENT CHILD SUPPORT FNFORCEMENT	93.563 93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C200146	_	80,829 885,563	_	3 057 680
CHILD SUPPORT ENFORCEMENT LOW-INCOME HOME ENERGY ASSISTANCE	93.563 93.568	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200148 C190193	_	18 072		18.072
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190129	=	560.189	=	10,072
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190145	_	52,951	_	
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200044	_	81,253	_	
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200045	_	1,081,355	_	
COMMUNITY-BASED CHILD BUSE PREVENTION GRANTS ASSISTANCE FOR TORTURE VICTIMS	93.590 93.604	NYS OFFICE OF CHILDREN AND FAMILY SERVICES JEWISH FAMILY SERVICES	C200047 NA	_	195,650 11.664		1,971,398
ASSISTANCE FOR TORTURE VICTIMS	93.604	JEWISH FAMILY SERVICES	NA NA	_	1.096		12,760
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648			(2,177)		(2,177)	
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648			2,082,804	_	1,686,068	
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648			34,828	_	<del></del>	
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION FOSTER CARE TITLE IV-E	93.648 93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	190194	2,751,934	2.434	1,798,013	4,867,389
FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190157		1,578		
FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190189	_	763.478	_	
FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190192	_	57,195	_	
FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190193	_	2,980	-	
FOSTER CARE TITLE IV-E FOSTER CARE TITLE IV-E	93.658 93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190197 C190198	_	88,519 6.161	=	
FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200120	_	23,555	_	
FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200128	=	306,693	=	
FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200129	_	95,106	_	
FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200135	_	648,120	-	
FOSTER CARE TITLE IV-E FOSTER CARE TITLE IV-E	93.658 93.658	STONY BROOK UNIVERSITY STONY BROOK UNIVERSITY	C002262 C002361		9,084 225,619	225.619	
FOSTER CARE TITLE IV-E	93.050	STONY BROOK UNIVERSITY	C002361		(218.094)	225,019	
FOSTER CARE TITLE IV-E	93.658	STONY BROOK UNIVERSITY	C002772 PO115531615	_	125,940	_	
FOSTER CARE TITLE IV-E	93.658	STONY BROOK UNIVERSITY	C029011	_	4,516	_	2,142,884
ADOPTION ASSISTANCE	93.659	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	190194	_	17,829	_	
ADOPTION ASSISTANCE ADOPTION ASSISTANCE	93.659 93.659	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190157 C190192	_	78,359 255,995	_	
ADOPTION ASSISTANCE ADOPTION ASSISTANCE	93.659	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190192 C190193		255,995	_	
ADOPTION ASSISTANCE	93.659	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190197	_	231,732	_	
ADOPTION ASSISTANCE	93.659	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190198	_	45,336	_	
ADOPTION ASSISTANCE	93.659	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	_	(29,981)	_	
ADOPTION ASSISTANCE ADOPTION ASSISTANCE	93.659 93.659	STONY BROOK UNIVERSITY STONY BROOK UNIVERSITY	C002262 C002361	_	54,570 225,619	225,619	
ADOPTION ASSISTANCE ADOPTION ASSISTANCE	93.659	STONY BROOK UNIVERSITY	C002361 C002361		(113.276)	225,619	769.163
SOCIAL SERVICES BLOCK GRANT	93.667	ALBANY COUNTY DEPARTMENT FOR CHILDREN YOUTH AND FAMILIES	N/A	_	17,515	_	
SOCIAL SERVICES BLOCK GRANT	93.667	ALBANY COUNTY DEPARTMENT FOR CHILDREN YOUTH AND FAMILIES	N/A	_	734	_	
SOCIAL SERVICES BLOCK GRANT	93.667	DUTCHESS COUNTY DEPARTMENT OF COMMUNITY AND FAMILY SERVICES	19-0532-12/19-SS-AI	_	17,093	_	
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667 93.667	DUTCHESS COUNTY DEPARTMENT OF COMMUNITY AND FAMILY SERVICES ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A ED 4447C	_	24,789 434,464	=	
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667	ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES  ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	ED4447		434,464	_	
SOCIAL SERVICES BLOCK GRANT	93.667	ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	ED4447 (B)	_	524,804	_	
SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	190194	_	28,479	_	
SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190157	_	125,179	-	
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667 93.667	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190192 C190195	_	408,823 193,760	129.616	
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190195	_	370.061	129,010	
SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190198	_	72.411	_	
SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200132	_	42,389	_	
SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C000495	_	381,178	-	
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C000496	_	279,415	_	
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667 93.667	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C190171 C200145	_	136,674 125,169	=	
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C200145 NA	_	22,585	_	
SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	N/A	_	16,711	_	
SOCIAL SERVICES BLOCK GRANT	93.667	ONTARIO COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	_	22,926	-	
SOCIAL SERVICES BLOCK GRANT	93.667	ONTARIO COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	_	20,004	_	
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667	STONY BROOK UNIVERSITY	C002262 C002361	_	260,995 225,619	225,619	
SOCIAL SERVICES DECOR SINNIV							
SOCIAL SERVICES BLOCK GRANT	93.667 93.667	STONY BROOK UNIVERSITY STONY BROOK UNIVERSITY	C002361 C002361	_			3,705,505
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.667 93.732			44,456	(46,212)		3,705,505
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.667 93.732 93.732			354,549		-	3,705,505
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.667 93.732				(46,212)	=	3,705,505

### Supplementary Schedule of Expenditures of Federal Awards

Year ended June 30, 2021

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor	Listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by CFDA and federal grantor
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732			\$ 33,378			
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732			560.477	=	=	
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732			62,506	_	_	
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732			442,551	_	_	
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732			419,449	_	_	2,029,619
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	NYS DEPARTMENT OF HEALTH	N/A	_	48,765	_	
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779 93.779	NYS DEPARTMENT OF HEALTH NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A N/A	_	11,448 6.021	_	
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES  NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A N/A	_	6,021 45,410	=	
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A		88 693		
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A	_	23,593	_	
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A	_	14,308	_	238,238
OPIOID STR	93.788	RESEARCH FOUNDATION FOR MENTAL HYGIENE	143568	_	38,303	_	
OPIOID STR	93.788	RESEARCH FOUNDATION FOR MENTAL HYGIENE	145347	_	22,853	_	
OPIOID STR	93.788	RESEARCH FOUNDATION FOR MENTAL HYGIENE	145368		36,866		98,022
HEALTH CAREERS OPPORTUNITY PROGRAM HEALTH CAREERS OPPORTUNITY PROGRAM	93.822 93.822			427,936 303,879	_	117,279	731.815
HEALTH CAREERS OPPORTUNITY PROGRAM ACL CENTERS FOR INDEPENDENT LIVING, RECOVERY ACT	93.822 93.844			303,879	_	58,396	731,815
ACL CEN IERS FOR INDEPENDENT LIVING, RECOVERY ACT GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.844			339,035 431,844	_	24,859	339,035
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884			(243)	_	24,059	
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884			169.599		=	
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884			92.306	_	_	693.506
COVID-19 - NATIONAL BIOTERRORISM HOSPITAL PREPAREDNESS PROGRAM	93.889	PUBLIC HEALTH SOLUTIONS	19RFS01 AMD2 P076621 P079020		30.192	_	30,192
RURAL HEALTH CARE SERVICES OUTREACH, RURAL HEALTH NETWORK DEVELOPMENT AND SMALL HEALTH CARE PROVIDER							
QUALITY IMPROVEMENT	93.912			335,802	_	185,157	335,802
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	AIDS UNITED	E2I 2020-2021	_	96,656	_	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	AIDS UNITED	U69HA310670100	_	19,259	_	
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914	PUBLIC HEALTH SOLUTIONS PUBLIC HEALTH SOLUTIONS	15SCG364 16HRM364	_	221,093 233.080	_	
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS PUBLIC HEALTH SOLUTIONS	18CCR364	_	262,255	_	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	18CCR364		864.171	524,400	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	N/A	_	265,352	- 024,400	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	N/A	_	104,710	_	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	N/A	_	100,065	_	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	19725	_	70	_	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	20724	_	92,261	-	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	20725	_	109,822	_	
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	20725	_	39,688	_	
HIV EMERGENCY RELIEF PROJECT GRANTS COVID-19 – HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914	UNITED WAY OF LONG ISLAND UNITED WAY OF LONG ISLAND	209800 20COV11	_	7,000 16,705	_	
COVID-19 - FIVE EMPREEMENT RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	NA NA		37.953	=	2.470.140
HIV CARE FORMULA GRANTS	93 917	HEALTH RESEARCH INC	5090-05	_	540	_	2,470,140
HIV CARE FORMULA GRANTS	93.917	HEALTH RESEARCH INC	509006	_	85,621	_	
HIV CARE FORMULA GRANTS	93.917	HEALTH RESEARCH INC	509007	_	10,562	_	96,723
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918			111,018	_	_	
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918			25,099	_	-	
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918			765,545	_	60,016	
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918 93.928			646,962	_	_	1,548,624
SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE CDC'S COLLABORATION WITH ACADEMIA TO STRENGTHEN PUBLIC HEALTH	93.928	ASSOCIATION OF AMERICAN MEDICAL COLLEGES	GT320162010	40,273	8.100	=	40,273 8,100
PPHF GERIATRIC EDUCATION CENTERS	93.969	CLINTON COUNTY OFFICE FOR THE AGING	N/A		3,134	=	0,100
PPHF GERIATRIC EDUCATION CENTERS	93.969	CENTON COUNTY OF THE FORM	1471	79,191	0,104	_	
PPHF GERIATRIC EDUCATION CENTERS	93.969			27,037	_	13,233	
PPHF GERIATRIC EDUCATION CENTERS	93.969			732,077	_	_	841,439
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	DOH01-C32361GG-3450000	_	2,489	_	
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	DOH01C32134GG3450000	_		-	
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	DOH01C32134GG3450000	_		_	
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994 93.994	NYS DEPARTMENT OF HEALTH NYS DEPARTMENT OF HEALTH	DOH01C32361GG3450000 DOH01C32413GG3450000	_	38,837 1.061	_	
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 DOH01C32413GG3450000	_	33.243	_	
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	STATE UNIVERSITY OF NEW YORK	C003166		(20.648)		54.982
	55.554	ONIE SINEROIT OF NEW YORK	000100				
Total U.S. Department of Health and Human Services				30,330,088	21,483,879	7,215,330	51,813,967
Corporation for National and Community Service:							
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002			513	_	_	
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002			40,009	_	_	
RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002			35,204			75,726
Total Corporation for National and Community Service				75,726	_	_	75,726
				10,120			10,120
Research and Data Analysis:		THE STRONG OF BUILDING					
RESEARCH AND DATA ANALYSIS	95.007	UNIVERSITY OF BALTIMORE	33		136,632		136,632
Total Research and Data Analysis				_	136,632	_	136,632
Federal Emergency Management Agency.							
recent emergency management agency. HAZARD MITIGATION GRANT	97.039	NYS DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT SERVICES	C000832		284,083		
HAZARD MITIGATION GRANT	97.039	NYS DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT SERVICES	C000833		108.874		392.957
EMERGENCY MANAGEMENT PERFORMANCE GRANTS	97.042	NYS DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT SERVICES	NA NA	_	10,851	_	10,851
Total Federal Emergency Management Agency					403,808		403,808
Agency for International Development:							
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	DELOITTE CONSULTING OVERSEAS PROJECTS LLP	1052961	_	(5,329)	_	
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	SOUTHERN AFRICAN PARLIAMENTARY SUPPORT TRUST	72061320CA00003		188,782	. –	
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001			1,029,183		932,089	1,212,636
Total Agency for International Development				1.029.183	183.453	932.089	1,212,636
TOTAL OTHER PROGRAMS				49 986 675	37 024 974	14 742 335	87 011 649
				10,000,010			
TOTAL EXPENDITURES OF FEDERAL AWARDS				\$ 419,427,088	125,001,289	78,684,867	544,428,377

See accompanying notes to the Supplementary Schedule of Expenditures of Federal Awards.

Notes to the Schedule of Expenditures of Federal Awards Year ended June 30, 2021

## (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 Assistance Listing number, as indicated on the schedule. Assistance Listing and pass through numbers are presented where available. Amounts passed through to subrecipients are reported separately on the Schedule.

## (2) 10% De Minimis Cost Rate

The auditee did not elect 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 projects. The rate is a result of a number of complex cost allocation procedures that the RF uses to allocate its indirect costs to both sponsored 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, which comprise the statement of financial position as of June 30, 2021, and 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 27, 2021.

## **Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered The Research Foundation for The State University of New York's internal control over financial reporting (internal control) as a basis for designing 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 internal control. Accordingly, we do not express an opinion on the effectiveness of The Research Foundation for The State University of New York'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 a 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 Research Foundation for The State University of New York'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 financial statements. 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 Research Foundation for The State University of New York '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 Research Foundation for The State University of New York's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Albany, New York October 27, 2021



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

The 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 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 Research Foundation for The State University of New York's major federal programs for the year ended June 30, 2021. The Research Foundation for The State University of New York'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 Research Foundation for The State University of New York'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 Research Foundation for The State University of New York'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 Research Foundation for The State University of New York's compliance.

### Opinion on Each Major Federal Program

In our opinion, The Research Foundation for The State University of New York 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, 2021.

## **Report on Internal Control Over Compliance**

Management of The Research Foundation for The State University of New York 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 Research Foundation for The State University of New York'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 Research Foundation for The State University of New York'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, 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 Research Foundation for The State University of New York as of and for the year ended June 30, 2021, and have issued our report thereon dated October 27, 2021, 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 or to 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.



February 2, 2022

Schedule of Findings and Questioned Costs Year ended June 30, 2021

(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:	Unmod	ified		
	Internal control over financial reporting:				
	<ul> <li>Material weakness(es) identified?</li> </ul>		Yes	X	No
	<ul> <li>Significant deficiency(ies) identified not considered to be material weaknesses?</li> </ul>		Yes	X	None reported
	Noncompliance material to the financial statements noted?		Yes	X_	No
	Federal Awards				
	Internal control deficiencies over major programs disclosed by the audit:				
	Material weakness(es) identified?		Yes	X_	No
	<ul> <li>Significant deficiency(ies) identified not considered to be material weaknesses?</li> </ul>		Yes	X	None reported
	Type of auditors' report issued on compliance for major programs:	Unmod	ified		
	Any audit findings disclosed that are required to be reported in accordance with 2 CFR?		Yes	X	No
	Identification of Major Programs				
	Name of fodoral program or clus	eto r			Assistance Listing numbers
	Name of federal program or clus	ster			
	Research and Development Cluster SNAP Cluster				Various Various
	Temporary Assistance for Needy Families Social Services Block Grant				93.558 93.667
	<ul> <li>Dollar threshold used to distinguish between Type A and Type B programs:</li> </ul>	\$3,000,	000		
	Auditee qualified as low-risk auditee?	X	Yes		No

Schedule of Findings and Questioned Costs Year ended June 30, 2021

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

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

None.