New York University

Report on Federal Awards in Accordance With the OMB Uniform Guidance August 31, 2022 Entity Identification Number: 13-5562308

New York University Index August 31, 2022 and 2021

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Part I Consolidated Financial Statements



Report of Independent Auditors

To the Board of Trustees of New York University

Report on the Audit of the Consolidated Financial Statements

Opinion

We have audited the accompanying consolidated financial statements of New York University and its subsidiaries (the "Company"), which comprise the consolidated balance sheets as of August 31, 2022 and 2021, and the related consolidated statements of activities and of cash flows for the years then ended, including the related notes (collectively referred to as the "consolidated financial statements").

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Company as of August 31, 2022 and 2021, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for one year after the date the consolidated financial statements are issued.



Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS and *Government Auditing Standards*, will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the consolidated financial statements.

In performing an audit in accordance with US GAAS and Government Auditing Standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks.
 Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements.
- Obtain an understanding of internal control relevant to the audit 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 Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the consolidated financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that
 raise substantial doubt about the Company's ability to continue as a going concern for a reasonable
 period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental Information

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements taken as a whole. The accompanying consolidating information as of and for the years ended August 31, 2022 and 2021 is presented for purposes of additional analysis and is not a required part of the consolidated financial statements, nor is it intended to present the financial position, changes in net assets and cash flows of the individual companies. The consolidating information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures,



including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the consolidating information is fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The accompanying schedule of expenditures of federal awards for the year ended August 31, 2022 and schedule of financial responsibility data as of and for the year ended August 31, 2022 are presented for purposes of additional analysis as required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) and the Department of Education, respectively, and are not a required part of the consolidated 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 consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated 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 and schedule of financial responsibility data are fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.

Other Reporting Required by Government Auditing Standards

Pricewaterhouse Coopers LAP

In accordance with *Government Auditing Standards*, we have also issued our report dated December 14, 2022, except with respect to Note 20 to the consolidated financial statements and the opinion on the supplemental schedule of financial responsibility data, as to which the date is March 31, 2023, on our consideration of the Company'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 for the year ended August 31, 2022. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and the results of that testing and not to provide an opinion on the effectiveness of 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 Company's internal control over financial reporting and compliance.

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December 14, 2022, except for Note 20 to the consolidated financial statements and with respect to the opinion on the schedule of financial responsibility data, as to which the date is March 31, 2023

New York University Consolidated Balance Sheets August 31, 2022 and 2021

(in thousands of dollars)		2022		2021
Assets				
Cash and cash equivalents	\$	3,014,564	\$	3,340,195
Short-term investments (Note 5)		175,945		193,532
Accounts and loans receivable, net (Note 6)		847,849		758,529
Patient accounts receivable, net (Note 4)		1,215,720		1,059,493
Contributions receivable, net (Note 7)		622,216		638,104
Other assets (Note 8)		1,074,070		1,075,431
Deposits with trustees (Note 9)		622,951		866,472
Long-term investments (Note 5)		6,479,554		7,093,866
Operating right to use assets (Note 11)		2,154,222		2,154,999
Assets held for professional liabilities (Note 13)		950,996		914,127
Land, buildings, and equipment, net (Note 10)	1	13,524,087	_	12,900,693
Total assets	\$ 3	30,682,174	\$	30,995,441
Liabilities and Net Assets				
Liabilities				
Accounts payable and accrued expenses	\$	2,551,333	\$	2,777,772
Deferred revenue		1,413,925		1,327,589
Operating lease liability (Note 11)		2,316,986		2,295,086
Professional liabilities (Note 13)		917,229		847,910
Debt and other obligations (Note 12)		9,566,406		9,640,911
Funds held for others (Notes 6 and 8)		493,479		533,123
Accrued benefit obligation (Note 14)		398,718		537,447
Accrued postretirement obligation (Note 14)		510,738		632,710
Asset retirement obligation		287,047	_	353,852
Total liabilities	1	18,455,861	_	18,946,400
Net assets				
Without donor restrictions		7,489,240		6,936,140
With donor restrictions (Note 17)		4,737,073		5,112,901
Total net assets	1	12,226,313		12,049,041
Total liabilities and net assets	\$ 3	30,682,174	\$	30,995,441

New York University Consolidated Statements of Activities Years Ended August 31, 2022 and 2021

(in thousands of dollars)	2022	2021
Changes in net assets without donor restrictions		
Operating revenues		
Tuition and fees (net of financial aid awards of \$852,272 and \$825,662)	\$ 2,452,721	\$ 2,107,670
Grants and contracts (Note 2)	1,391,271	1,193,596
Patient care (Note 4)	8,862,837	8,162,916
Hospital affiliations (Note 15)	448,827	415,355
Insurance premiums earned	108,014	106,708
Contributions	74,415	67,243
Endowment distribution (Note 5)	198,345	185,904
Return on short-term investments (Note 5)	45,157	33,452
Auxiliary enterprises (net of financial aid awards of \$70,701 and \$47,077)	382,105	238,627
Program fees and other	687,937	888,184
Net assets released from restrictions	173,496	134,916
Total operating revenues	14,825,125	13,534,571
Expenses (Note 16)		
Salaries and fringe	8,394,663	7,824,432
Medical and pharmaceutical costs	1,477,431	1,356,236
Professional services	737,180	601,242
Facilities costs	904,243	830,384
Fees, insurance and taxes	460,450	411,055
Depreciation and amortization	945,911	902,340
Interest	368,647	368,152
Other	818,674	712,357
Total expenses	14,107,199	13,006,198
Excess of operating revenues over expenses	717,926	528,373
Nonoperating activities		
Investment return (Note 5)	(475,133)	573,097
Appropriation of endowment distribution (Note 5)	(64,208)	(59,335)
Pension and postretirement nonservice costs (Note 14)	26,171	6,277
Changes in pension and postretirement obligations (Note 14)	271,079	399,853
Net assets released from restrictions for capital	20,215	19,140
Non-clinical COVID costs (Note 2)	(37,792)	(110,482)
Other	94,842	(51,498)
Increase in net assets without donor restrictions	553,100	1,305,425
Changes in net assets with donor restrictions	000 000	000 110
Contributions	299,803	606,113
Investment return (Note 5)	(339,241)	795,379
Appropriation of endowment distribution (Note 5)	(134,137)	(126,569)
Other	(8,542)	24,486
Net assets released from restrictions	(193,711)	(154,056)
(Decrease) increase in net assets with donor restrictions	(375,828)	1,145,353
Increase in net assets	\$ 177,272	\$ 2,450,778

New York University Consolidated Statements of Cash Flows Years Ended August 31, 2022 and 2021

(in thousands of dollars)		2022	2021
Cash flows from operating activities			
Change in net assets	\$	177,272	\$ 2,450,778
Adjustments to reconcile change in net assets to			
net cash provided by operating activities			
Depreciation and amortization		945,911	902,340
(Gain) loss on sale or disposal of land, buildings and equipment		(201)	361
Net loss (gain) on investments, deposits with trustees, and split-interest agreements		893,019	(1,328,602)
Bad debt expense Pension and postretirement obligation change		18,407	21,530 (399,853)
Contributions received for permanent investment and capital		(271,079) (113,609)	(119,739)
Proceeds from insurance recovery for capital or FEMA award		(1,236)	(4,793)
Amortization of operating right to use assets		265,324	267,675
Acquisition of Long Island Community Hospital		(105,967)	-
Changes in operating assets and liabilities		(100,001)	
Increase in accounts and loans receivable, net		(90,233)	(94,009)
Increase in patient accounts receivable		(129,017)	(212,239)
Decrease (increase) decrease in nonendowment and noncapital		, ,	, ,
contributions receivable		9,425	(245,500)
Increase in other assets		(31,740)	(30,991)
Decrease in asset retirement obligation		(16,265)	(980)
(Decrease) increase in accounts payable and accrued expenses		(389,796)	348,851
Decrease in operating lease liability		(252,314)	(240,494)
Increase in professional liabilities		45,374	77,169
Increase in deferred revenue		86,336	316,364
Decrease in accrued benefit obligation		(1,452)	(37,512)
Increase in accrued postretirement obligation	_	11,830	 29,105
Net cash provided by operating activities		1,049,989	 1,699,461
Cash flows from investing activities			
Purchases of investments		(3,271,831)	(4,238,859)
Sales and maturities of investments		2,951,822	3,667,095
Drawdowns of unexpended bond proceeds		87,603	376,744
Additions to land, buildings, and equipment		(1,377,026)	(1,043,429)
Cash from acquisition of Long Island Community Hospital		86,068	100
Proceeds from insurance recovery	_	45	 100
Net cash used in investing activities	_	(1,523,319)	 (1,238,349)
Cash flows from financing activities		110 000	440.700
Contributions received for permanent investment and capital		113,609	119,739
Proceeds from FEMA award for future mitigation		1,191	4,693
Proceeds from long term borrowings		38,870	200,000 335,302
Proceeds from long-term borrowings Principal payments on long-term borrowings		(231,619)	(276,585)
Line of credit repayments		(231,019)	(450,000)
Payments of deferred financing costs		_	(1,153)
Decrease in funds held for others		(5,590)	(5,983)
Net cash used in financing activities		(83,539)	(73,987)
Net (decrease) increase in cash		(556,869)	387,125
Cash, cash equivalents and restricted cash			
Beginning of year	_	3,930,195	3,543,070
End of year	\$	3,373,326	\$ 3,930,195
Supplemental disclosure of cash flow information			
Interest paid	\$	385,168	\$ 387,066
Change in noncash acquisitions of land, buildings, and equipment		60,097	(117,929)
Right-of-use assets obtained			
In exchange for new operating lease obligations In exchange for new finance lease obligations	\$	249,270 50,243	\$ 148,514 809,818

The accompanying notes are an integral part of these consolidated financial statements.

(in thousands of dollars)

1. Description of New York University

Founded in 1831, New York University (NYU) is a private institution of higher education, research, and patient care located primarily in New York City. NYU is recognized both nationally and internationally as a leader in scholarship and is a member of the distinguished Association of American Universities.

The consolidated reporting entities for NYU consist of the University and NYU Langone Health, which represents the activities of NYU Langone Health System (Health System) and its two medical schools: the NYU Robert I. Grossman School of Medicine (NYUGSoM) and NYU Long Island School of Medicine (collectively the NYU Schools of Medicine).

The University

The University includes twenty-one colleges and divisions each with its own traditions, programs and faculty. The schools, in order of founding date, are the College of Arts and Science, School of Law, NYUGSoM (reported as a part of NYU Langone Health), College of Dentistry, Graduate School of Arts and Science, Steinhardt School of Culture, Education and Human Development, Leonard N. Stern School of Business, Courant Institute of Mathematical Sciences, School of Professional Studies, Institute of Fine Arts, Robert F. Wagner Graduate School of Public Service, Post-Graduate Medical School, Silver School of Social Work, Tisch School of the Arts, Gallatin School of Individualized Study, Rory Meyers College of Nursing, Institute for the Study of the Ancient World, NYU Abu Dhabi, Tandon School of Engineering (formerly Polytechnic University founded in 1854), NYU Long Island School of Medicine (reported as part of NYU Langone Health), and The School of Global Public Health. The University also operates academic program sites and research programs in other parts of the United States and abroad.

In addition to the colleges and divisions, NYU operates NYU Shanghai, which grants NYU degrees as a joint venture with East China Normal University. The New York-based activities of NYU Shanghai are reported in the University's consolidated balance sheets and consolidated statements of activities.

NYU Langone Health

The Health System is the sole corporate member of NYU Langone Hospitals, which is a quaternary care teaching hospital that operates five inpatient acute care facilities and over 40 ambulatory facilities in Manhattan, Brooklyn, and Long Island. The 813-bed inpatient facilities in Manhattan are comprised of the Kimmel Pavilion (which also houses the Hassenfeld Children's Hospital) and Tisch Hospital. The NYU Langone Orthopedic Hospital, also located in Manhattan, is a 225-bed facility specializing in orthopedic, neurologic, and rheumatologic services. NYU Langone Hospital-Brooklyn is a 444-bed facility in the Sunset Park section of Brooklyn. NYU Langone Hospital-Long Island is a 591-bed acute care facility located in Mineola, New York. Ambulatory facilities include the Laura and Isaac Perlmutter Cancer Center, a comprehensive cancer and ambulatory care center, as well as a freestanding Emergency Department in the Cobble Hill section of Brooklyn, amongst others.

On March 1, 2022, the Health System completed an affiliation agreement (the Affiliation) with and became the sole corporate member of Brookhaven Health Care Services Corporation, d/b/a Long Island Community Hospital Foundation and Brookhaven Memorial Hospital Medical Center Inc., d/b/a Long Island Community Hospital. Brookhaven Memorial Hospital Medical Center Inc. subsequently changed its name to Long Island Community Hospital at NYU Langone Health (LICH). LICH is a 306-bed acute care hospital located in Patchogue, New York.

(in thousands of dollars)

NYUGSoM employs approximately 3,450 faculty physicians (the Faculty Group Practice) who render patient care in more than 350 practice locations primarily in the New York City region.

NYU Langone Hospitals is the sole corporate member of CCC550 Insurance, SCC. (CCC550), which provides the hospitals' professional and general liability insurance, as well as insurance to physicians employed by the NYUGSoM. CCC550 is subject to taxation in accordance with Section 29 of the Exempt Insurance Act in Barbados.

Affiliation with Long Island Community Hospital

The Health System's Affiliation with and the subsequent change in control of LICH was accounted for as a business combination in accordance with Accounting Standards Codification (ASC), Topic 805, *Business Combinations*, and ASC 958-805-05, *Acquisition by a Not-for-Profit Entity*. NYU recorded \$101,557 of non-operating income in the 2022 consolidated statement of activities which represents LICH's net assets without donor restriction at March 1, 2022 and the excess of the fair value of assets acquired over the fair value of liabilities assumed. No consideration was exchanged for the acquisition.

As a result of the Affiliation, LICH changed its fiscal year from a calendar year to a fiscal year beginning September 1st and ending August 31st to align with the fiscal year of the Health System. As a result of this change, obtaining revenues and changes in net assets as though the acquisition occurred at the beginning of fiscal year 2022 was impracticable.

The following is a summary of the LICH activity included in the 2022 consolidated statement of activities:

Net assets without donor restriction as of March 1,2022	\$ 100,540
Excess fair value of assets acquired over liabilities	 1,017
Acquisition of Long Island Community Hospital	101,557
Operating revenues	 118,815
Operating expenses	 138,522
	(19,707)
Nonoperating activities	 (6,733)
Change in net assets without donor restrictions	75,117
Change in net assets with donor restrictions	 3,861
Total change in net assets as a result of acquisition	\$ 78,978

The following is a summary of the LICH amounts included in the consolidated balance sheet as of August 31, 2022:

	Aug	ust 31, 2022
Assets	\$	293,466
Liabilities		214,488
Net assets without donor restrictions		75,117
Net assets with donor restrictions		3,861

As of August 31, 2022, LICH was not in compliance with its debt service coverage ratio covenant.

(in thousands of dollars)

2. Summary of Significant Accounting Policies

Basis of Presentation

The consolidated financial statements of NYU have, in all material respects, been prepared on an accrual basis in accordance with accounting principles generally accepted in the United States of America.

The accompanying consolidated financial statements include the accounts of NYU, as well as its separately incorporated affiliates. NYU and, generally, all of its affiliates are exempt from federal income taxes under the provisions of Section 501(c)(3) of the Internal Revenue Code.

NYU prepares its consolidated financial statements in accordance with the provisions of Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 958, *Not for Profit Entities*. This standard focuses on the entity as a whole and requires classification of net assets as determined by the existence or absence of restrictions placed on the assets' uses by donors or by provision of law. A description of the net asset classifications follows:

Without Donor Restrictions: net assets of NYU that are used to carry out its missions of education, research and patient care which are not subject to donor restrictions.

With Donor Restrictions: Net assets subject to donor-imposed restrictions that will be met either by the actions of NYU or the passage of time. Items that are included in donor restricted net assets are gifts for which donor-imposed restrictions have not been met in the year of receipt; endowments, annuity, and life income gifts; pledges; investment return on donor restricted endowment funds; and endowments where the principal may be expended upon the passage of a stated period of time. Expirations of restrictions on net assets with donor restrictions are reported as net assets released from restrictions. In addition, NYU has elected the simultaneous release option for contributions that are also subject to purpose restrictions.

Activities

Revenues and expenses related to conducting programmatic activities and provision of services by NYU are classified as operating in the consolidated statements of activities. Investment return relating to board-designated endowment funds and the related endowment appropriation, as well as nonservice changes in pension and postretirement obligations, incremental non-clinical COVID-19 related expenses, and other activity that is not part of NYU's core activities, are classified as nonoperating in the consolidated statements of activities.

(in thousands of dollars)

Tuition and Fees

Tuition and fees are derived from degree-granting programs as well as executive and continuing education programs. Tuition and fee revenue is recognized within the fiscal year in which the related educational services are provided as the performance obligation is satisfied. Tuition and fee receipts received in advance of a semester are recorded as deferred revenue. Financial aid, in the form of scholarships and grants, including amounts funded by the endowment, research funds, and gifts reduces the published price of tuition for students receiving such aid. As such, financial aid is referred to as a tuition discount and represents the difference between the stated charge for tuition and fees and the amount that is billed to the student and/or third parties making payments on behalf of the student. Tuition and fees are reported net of financial aid on the consolidated statements of activities.

Auxiliary Enterprises

Auxiliary enterprises are self-supporting activities that furnish goods or services to students, faculty, staff, or incidentally to the general public, and charge a fee directly related to, although not necessarily equal to, the cost of the goods or services. Auxiliary enterprises include student housing and dining, real estate rental income, and other similar activities. Student housing and dining services are delivered over the academic terms and revenues are recognized ratably as the performance obligation is satisfied. Student housing and dining services are presented net of financial aid on the consolidated statements of activities.

Grants and Contracts

NYU receives funding for sponsored programs from various government agencies, foundations, and corporations. The funding may represent a reciprocal transaction in exchange for an equivalent benefit in return, or it may be a nonreciprocal non-exchange transaction in which the funding provided is for the benefit of NYU, the funding organization's mission, or the public at large.

Revenues from non-exchange transactions may be subject to conditions, in the form of both a barrier to entitlement and a refund of amounts paid (or a release from obligation to make future payments). NYU's grants and contracts are primarily conditional non-exchange transactions and revenues are recognized when expenses are incurred. Unspent conditional contributions from grants and contracts total \$1,096,310 and \$1,172,400 at August 31, 2022 and 2021, respectively. Revenues from unconditional non-exchange transactions are recognized in the period awarded.

In 2022 and 2021, grants and contracts revenue recognized from U.S. governmental sources totaled \$761,319 and \$585,304 respectively. Such sponsored grants and contracts generally provide for the recovery of indirect costs supporting these activities. Indirect costs, included in grant and contract revenues, are recovered at rates established in advance by NYU through negotiations with the U.S. federal government and other private sponsors and totaled \$219,185 and \$198,237, respectively.

In 2014, NYU Langone Health was awarded a \$982,400 multi-year fixed capped public assistance grant from the Federal Emergency Management Agency (FEMA) for both repair and replacement of damages and hazard mitigation projects as a result of Superstorm Sandy. The hazard mitigation project portion of the award was recognized as a contribution with donor restriction (Note 17), with a corresponding FEMA receivable (Note 6). The net assets are released from restriction as the costs are incurred and totaled \$11,369 and \$8,126 for the years ended August 31, 2022 and 2021, respectively.

(in thousands of dollars)

Contributions

Contributions, including unconditional promises to give, are recognized as revenue in the period received at their fair value. Contributions receivable are reported at their discounted present value, using an estimated interest rate for the year in which the promise was received and considering market and credit risk as applicable (4.15% in 2022 and 1.87% in 2021). Amortization of the discount is recorded as additional contribution revenue. Allowances are recorded for estimated uncollectible contributions based upon management's judgment and analysis of the creditworthiness of the donors, past collection experience and other relevant factors.

Fair Value Measurements

Authoritative guidance of fair value measurements, ASC 820, *Fair Value Measurements*, establishes a hierarchy of valuation methodologies based on the extent to which asset valuations are observable in the marketplace.

The following describes the hierarchy of methodologies used to measure fair value of investments:

Fair value for Level 1 is based on unadjusted quoted prices in actively traded markets that NYU has the ability to access for identical assets and liabilities. Market price data is generally obtained from exchange or dealer markets.

Fair value for Level 2 is based on quoted prices for instruments similar to those held by NYU in actively traded markets, quoted prices for identical instruments held by NYU in markets that are not actively traded and model-based valuation techniques for which all significant assumptions are observable in the market or can be corroborated by observable market data. Inputs are obtained from various sources including market participants, dealers and brokers.

Fair value for Level 3 is based on valuation techniques used to assess prices that are unobservable as the assets trade infrequently or not at all.

Investments for which fair value is measured at net asset value (NAV) per share as a practical expedient consist primarily of NYU's ownership in alternative investments (principally limited partnership interests in public equity, hedge funds, credit, real assets, private equity, real estate, and other similar funds). The NAV of the securities held by limited partnerships that do not have readily determinable fair values are determined by the general partner and are based on appraisals or other estimates that require varying degrees of judgment. If no public market exists for the investment securities, the fair value is determined by the general partner taking into consideration, among other things, the cost of the securities, prices of recent significant placements of securities of the same issuer and subsequent developments concerning the companies to which the securities relate. NYU has performed due diligence on these investments and believes the reported NAV as a practical expedient is an appropriate measure of fair value as of August 31, 2022 and 2021.

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

(in thousands of dollars)

Cash and Cash Equivalents

Cash and cash equivalents include cash and all highly-liquid debt instruments with original maturities of three months or less when purchased. The carrying amount of cash and cash equivalents approximates fair value due to the short-term maturity of the instruments. NYU maintains its deposits with high credit quality financial institutions, with balances that exceed federal depository insurance limits. Management does not believe the credit risk related to these deposits is significant. All short-term, highly liquid investments, which would otherwise qualify as cash equivalents that are included in NYU's investment pool within long-term investments, are treated as investments and are therefore excluded from cash and cash equivalents in the consolidated statements of cash flows.

The following table provides a reconciliation of cash and cash equivalents reported within the consolidated balance sheets to the amounts reported in the consolidated statements of cash flows at August 31, 2022 and 2021:

	2022	2021
Cash and cash equivalents	\$ 3,014,564	\$ 3,340,195
Cash in long-term investment pool (Note 5)	123,227	177,070
Cash in other long-term investments (Note 5)	7,097	4,078
Cash in other assets (Note 8)	845	332
Cash in deposits with trustees (Note 9)	189,996	382,923
Cash in assets held for professional liabilities (Note 13)	 37,597	25,597
Cash, cash equivalents and restricted cash	\$ 3,373,326	\$ 3,930,195

Land, Buildings, and Equipment

Land, buildings, and equipment are carried at their acquisition or construction cost. If donated, these assets are recorded at their fair value on the date of the gift. Buildings and equipment are depreciated over their estimated useful lives (buildings and building improvements 10-60 years, equipment 3-10 years) using the straight-line method. Repairs and maintenance expenditures are expensed when incurred.

Leases

NYU leases certain academic spaces, medical offices, administrative offices, and equipment under finance and operating leases. Operating lease right-of-use (ROU) assets and operating lease obligations are recognized based on the present value of lease payments over the lease term, where the initial term of the lease exceeds 12 months. NYU uses its incremental borrowing rate to calculate the present value of lease payments because the leases do not have a readily determinable implicit discount rate. As a practical expedient, NYU elected to include both lease and non-lease components in the calculation of the operating lease ROU asset and operating lease obligation. Variable lease payments are excluded for purposes of calculating the operating ROU asset and operating lease obligation unless the variable lease payments depend on an index or rate or are in substance fixed payments. Lease payments related to periods subject to renewal options are also excluded for purposes of calculating the operating ROU asset and operating lease obligation unless NYU is reasonably certain to exercise the option to extend the lease.

(in thousands of dollars)

Lease expense for operating leases is recognized on a straight-line basis over the term of the lease. Deferred rent liability is reported as a reduction to the ROU assets within the consolidated balance sheets.

Collections

The University does not assign a value to collection items. Collection items are generally held for educational purposes and are not disposed of for financial gain or otherwise encumbered in any manner.

Deferred Revenue

Deferred revenue consists of tuition and fees and student housing and dining fees received in advance of the Fall semester as well as funding received for grants and contracts in advance of incurring the qualifying expenses.

Asset Retirement Obligation

NYU recognizes asset retirement obligations on future events, such as the abatement of asbestos and removal of lead-based paint and petroleum bulk storage tanks from buildings. The fair value of the liability for a conditional asset retirement obligation is recognized in the period in which it occurred, provided that it can be reasonably estimated. Corresponding asset retirement costs (net of accumulated depreciation) have been included in land, buildings, and equipment.

Funds Held for Others

Funds held for others consist of NYU's federal grants refundable and deferred compensation plan liabilities (457(b)). Corresponding assets are included within accounts receivable (Note 6) and other assets (Note 8), respectively.

Accounting Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingencies at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Authoritative Pronouncements Adopted

In August 2018, the FASB issued ASU 2018-14, *Compensation-Retirement Benefits-Defined Benefit Plans*, which addresses changes to the disclosure requirements for employers that sponsor defined benefit pension or other postretirement plans. The amendments in the update remove disclosures that no longer are considered cost beneficial, clarify the specific requirements of disclosures, and add disclosure requirements identified as relevant. The standard is effective for fiscal years beginning after December 15, 2019. NYU adopted this standard in fiscal year 2021 using a retrospective approach and updated the disclosures in Note 14.

In August 2018, the FASB issued ASU 2018-13, *Fair Value Measurement: Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement*, which eliminates, adds and modifies certain disclosure requirements related to fair value measurement. The standard is effective for fiscal years beginning after December 15, 2019, with early adoption permissible. NYU adopted this standard in fiscal year 2021 using a retrospective approach with no material impact on NYU's consolidated financial statements.

(in thousands of dollars)

In August 2018, the FASB issued ASU 2018-15, *Intangibles – Goodwill and Other – Internal Use Software*. The new standard aligns the requirements for capitalizing implementation costs incurred in a hosting arrangement that is a service contract with the requirements for capitalizing implementation costs incurred to develop or obtain internal use software. This ASU is effective for fiscal years beginning after December 15, 2020. NYU adopted this standard in fiscal year 2022 using a prospective approach with no material impact on NYU's consolidated financial statements

New Authoritative Pronouncements not yet Adopted

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments-Credit Losses: Measurement of Credit Losses on Financial Instruments*. The new standard removes the previous requirement that a credit loss be probable of occurring for it to be recognized, and requires entities to use historical experience, current conditions, and reasonable and supportable forecasts to estimate their future expected credit losses. The standard is required to be applied using the modified retrospective approach with a cumulative-effect adjustment to net assets, if any, upon adoption. This ASU is effective for fiscal years beginning after December 15, 2022. NYU is currently evaluating the impact of the new standard on the consolidated financial statements.

In March 2020, the FASB issued ASU 2020-04, *Reference Rate Reform, Facilitation of the Effects of Reference Rate Reform on Financial Reporting.* The standard provides temporary optional guidance to ease the potential burden in accounting for reference rate reform due to the risk of cessation of the London Interbank Offered Rate ("LIBOR"). The amendments apply only to contracts, hedging relationships, and other transactions that reference LIBOR or another reference rate expected to be discontinued because of reference rate reform. This standard is effective immediately and can be applied through December 31, 2022. NYU does not expect the adoption to have a material impact on the NYU's consolidated financial statements.

Impact of COVID-19

The University incurred expenses relating to COVID-19 testing, incremental space for social distancing, and other pandemic related expenses supporting student instruction, research, and pandemic related campus services. These expenses have been recorded as non-clinical COVID costs in non-operating activity for the years ended August 31, 2022 and 2021, respectively.

Coronavirus Aid, Relief and Economic Security Act

On March 27, 2020, the Coronavirus Aid, Relief and Economic Security Act (CARES Act) was enacted. The CARES Act impacted NYU as follows for the years ended August 31, 2022 and 2021:

- NYU Langone Health received \$441,276 in advanced payments from the Centers for Medicare and Medicaid Services (CMS) (\$432,800 in April 2020 and \$8,476 in September 2020), for which repayment began in April 2021 and concluded in May 2022. There were no amounts outstanding as of August 31, 2022. As of August 31, 2021, NYU Langone Health had a remaining Medicare advance of \$317,099, which is reported in accounts payable and accrued expenses on the consolidated balance sheets.
- LICH received \$47,267 in advanced payments from CMS, for which repayment began in April 2021. As of August 31, 2022, LICH has a remaining Medicare advance of \$11,076, which is reported in accounts payable and accrued expenses on the consolidated balance sheets.

(in thousands of dollars)

- The Higher Education Emergency Relief Fund (HEERF) appropriated funding to the Office of Postsecondary Education. The U.S. Department of Education (DOE) awarded HEERF funds based on an institution of higher education's Pell Grant recipients and full-time enrollment. Based on these criteria, the University recognized \$2,461 and \$121,414 in program fees and other revenues in the consolidated statements of activities for the years ended August 31, 2022 and 2021, respectively. Financial aid awards include \$30,091 and \$69,899 of COVID-related emergency grants to students supported by University funds, HEERF funds, and donations for the years ended August 31, 2022 and 2021, respectively.
- NYU deferred the deposit and payment of the employer's share of Social Security taxes. NYU has \$93,886 and \$181,950 in accounts payable and accrued expenses for these deferred tax payments as of August 31, 2022 and 2021, respectively, which are due to be paid in equal installments on December 31, 2022 and December 31, 2023.

Federal Emergency Management Agency

NYU Langone Health recognizes revenue on awarded project worksheets as expenses are incurred and determined to be eligible for FEMA reimbursement. NYU Langone Health recognized \$13,478 and \$199,661 as program fees and other in the consolidated statements of activities for reimbursement of eligible operating expenses and \$772 and \$4,305 in nonoperating activities in the consolidated statements of activities related to FEMA reimbursement of capital expenditures for the years ended August 31, 2022 and 2021, respectively. NYU Langone Health has a balance due from FEMA of \$61,297 and \$54,358 in accounts and loans receivable on the consolidated balance sheets as of August 31, 2022 and 2021, respectively.

(in thousands of dollars)

3. Financial Assets and Liquidity Resources

As of August 31, 2022 and 2021, financial assets and liquidity resources available within one year for general expenditure, such as operating expenses, scheduled principal payments on debt, and capital expenditures not financed with debt, were as follows:

		2022	2021
Financial assets			
Cash and short-term investments	\$	3,190,509	\$ 3,533,727
Investments available for general purposes		1,094,856	1,273,620
Accounts receivable, net		213,674	236,143
Grants and contracts receivable, net		206,917	153,773
Insurance premiums and recoveries receivable		110,633	105,457
Patient accounts receivable, net		1,215,720	1,059,493
Non-endowment pledge payments due within one year		79,807	182,239
Other assets		25,697	44,725
Subsequent year endowment distribution		228,822	198,428
Total financial assets available within one year		6,366,635	6,787,605
Liquidity resources			
Undrawn bank lines of credit (Note 12)		1,446,770	1,355,600
Funds functioning as endowment available for operations (Note 17)		1,712,150	1,849,753
Total liquidity resources		3,158,920	3,205,353
Total financial assets and liquidity resources available within one year	\$	9,525,555	\$ 9,992,958

The University's cash flows have seasonal variations during the year attributable to tuition billing cycles and, at times, a concentration of contributions received at calendar year end. The University's Reserve and Liquidity Management Policy provides guidelines for calculating and reporting the global cash position on a daily basis as well as rigorous cash flow forecasting. This approach is adopted to maximize the portion of working capital funds that may remain invested. The Working Capital Fund Investment Policy (the Investment Policy) has a primary objective of aligning the maturity and liquidity profile of the working capital portfolio with the University's anticipated spending needs, while preserving the principal invested and maximizing return among a subset of approved investment grade products and providers. The Investment Policy establishes concentration limits for both investments and banking institutions. Liquidity resources are available with NYU board of trustees' approval.

As part of NYU Langone Health's liquidity management, financial assets are structured to be available as its general expenditures, liabilities and other obligations come due. In addition, NYU Langone Health may invest cash in excess of daily requirements in short-term or liquid investments.

(in thousands of dollars)

4. Patient Care Revenue and Receivable

Patient care revenue and receivables consist primarily of patient care services provided by NYU Langone Health. The University's College of Dentistry provides dental clinic services to patients as part of a student's training.

NYU Langone Health has agreements with third party payors that provide for payments at amounts different from its established rates (i.e. gross charges). Payment arrangements include prospectively determined rates per discharge, reimbursed costs, discounted charges and per diem payments.

NYU Langone Health grants credit without collateral to its patients, most of whom are local residents and are insured under third-party payor arrangements. NYU Langone Health bills patients and third-party payers several days after the services are performed and/or the patient is discharged. Patient care revenue is recognized as performance obligations are satisfied over time based on actual charges incurred in relation to total expected charges. Generally, performance obligations over time relate to patients receiving inpatient acute care services or patients receiving services in NYU Langone Health's outpatient and ambulatory care centers. NYU Langone Health measures the performance obligation from admission into the hospital or the commencement of an outpatient or physician service to the point when it is no longer required to provide services to that patient, which is generally the time of discharge or the completion of the outpatient or physician visit.

As substantially all of its performance obligations relate to contracts with a duration of less than one year, NYU Langone Health has elected to apply the optional exemption provided in ASC 606-10-50-14(a) *Revenue from Contracts with Customers* and, therefore, is not required to disclose the aggregate amount of the transaction price allocated to performance obligations that are unsatisfied or partially satisfied at the end of the reporting period. The unsatisfied or partially unsatisfied performance obligations referred to above are primarily related to inpatient acute care services at the end of the reporting period. The performance obligations for these contracts are generally completed when the patients are discharged, which generally occurs within days or weeks of the end of the reporting period.

NYU Langone Health determines the transaction price based on gross charges for services provided, reduced by adjustments provided to third-party payers based on contractual agreements, discounts provided to uninsured patients in accordance with NYU Langone Health's policy, and implicit concessions provided to uninsured patients. For the years ended August 31, 2022, and 2021, NYU Langone Health recorded \$133,566 and \$154,642 of implicit price concessions as a direct reduction to patient care revenue.

NYU's patient accounts receivable, after contractual adjustments and implicit price concessions, is \$1,215,720 and \$1,059,493 at August 31, 2022 and 2021, respectively. NYU Langone Health estimates its implicit price concessions using a quarterly standardized approach to review historical collections based on major payor classification as a practical expedient to account for patient contracts as collective groups rather than individually. Based on historical collection trends, the financial statement effects of using this practical expedient are not materially different from an individual contract approach. In addition, NYU Langone Health assesses the current state of its billing functions in order to identify any known collection or reimbursement issues and assess the impact, if any, on estimates. NYU Langone Health believes that the collectability of its receivables

(in thousands of dollars)

is directly linked to the quality of its billing processes, most notably those related to obtaining the correct information in order to bill effectively for the services it provides. Subsequent changes to the estimate of transaction price are recorded as adjustments to net patient care revenue in the period of the change. Certain patient care revenues received are subject to retroactive adjustments under reimbursement agreements with third-party payors. Retroactive adjustments are accrued on an estimated basis in the period the related services are rendered and adjusted in future periods as final settlements are determined.

NYU Langone Health has established estimates, based on information presently available, of amounts due to or from Medicare and non-Medicare payors for adjustments to current and prior year payment rates, based on industry-wide and hospital-specific data. The amounts due to third party payors included in accounts payable and accrued expenses on the consolidated balance sheets is \$140,281 and \$149,883 at August 31, 2022 and 2021, respectively. Additionally, certain payors' payment rates for various years have been appealed by NYU Langone Health. If the appeals are successful, additional income applicable to those years will be realized.

Laws and regulations governing the Medicare and Medicaid programs are extremely complex and subject to interpretation. As a result, there is at least a reasonable possibility that recorded estimates will change by a material amount in the near term. NYU Langone Hospitals' cost reports have been audited by the Medicare fiscal intermediary through August 31, 2016; however, final settlements are pending for 2003 and 2004. NYU Langone Hospital-Brooklyn's cost reports have been audited by the Medicare fiscal intermediary through December 31, 2015; however, final settlements are pending for the years 2008 to 2013. NYU Langone Hospital-Long Island's Medicare cost reports have been audited by the Medicare fiscal intermediary through July 31, 2019, and there are no final settlements pending. LICH's Medicare cost reports have been audited by the Medicare fiscal intermediary through December 31, 2019.

The mix of patient care revenue for the years ended August 31, 2022 and 2021 are as follows:

	202	22	202	21		
	Health System NYUGSoM		Health System	NYUGSoM		
Medicare	18 %	17 %	18 %	18 %		
Medicaid	2	1	2	1		
Medicare and Medicaid managed care	22	14	20	14		
Blue Cross	26	20	26	18		
Managed care and other	32	48	34	49		
	100 %	100 %	100 %	100 %		

(in thousands of dollars)

The mix of patient accounts receivable, net from patients and third party payors at August 31, 2022 and 2021 are as follows:

	202	22	2021			
	Health System	•		NYUGSoM		
Medicare	9 %	12 %	9 %	13 %		
Medicaid	2	1	1	1		
Medicare and Medicaid managed care	21	15	19	15		
Blue Cross	26	21	28	19		
Managed care and other	42	51	43	52		
	100 %	100 %	100 %	100 %		

NYU Langone Health's charity care policy, in accordance with the New York State Department of Health's guidelines, ensures the provision of quality health care to the community served while carefully considering the ability of the patient to pay. The policy has sliding fee schedules for inpatient, ambulatory and emergency services provided to the uninsured and under-insured patients that qualify. Patients are eligible for the charity care fee schedule if they meet certain income tests. Since payment of the difference between NYU Langone Health's standard charges and the charity care fee schedules is not sought, these forgone charges for charity care are not reported as revenue. Total forgone charges for charity care totaled \$120,516 and \$101,318 for the years ended August 31, 2022 and 2021, respectively. This equated to an approximate cost of \$22,084 and \$19,297 for the years ended August 31, 2022 and 2021, respectively which is based on a ratio of cost to charges.

New York State regulations provide for the distribution of funds from an indigent care pool, which is intended to partially offset the cost of uncompensated care and service provided to uninsured. The funds are distributed to NYU Langone Health based on an uninsured methodology. Subsidy payments recognized as revenue amounted to approximately \$46,128 and \$49,408 for the years ended August 31, 2022 and 2021, respectively, and are included in patient care revenue in the consolidated statements of activities. NYU Langone Health has paid \$70,146 and \$63,004 into the indigent care pool for the years ended August 31, 2022 and 2021, respectively.

5. Investments

Asset Classes

NYU invests across a broad range of asset classes, including public equity, fixed income, hedge funds, credit, real assets, private equity, real estate, and cash and other. NYU may invest directly in the securities of these asset classes, or indirectly through interests in funds and limited partnerships. Securities held directly by NYU are valued at their observable market prices. The value of holdings in funds and limited partnerships are in accordance with the valuations provided by their investment managers. Funds and limited partnerships may make investments in securities that are publicly traded, which are generally valued based on observable market prices. Managers of investment funds and limited partnerships value those investments based upon the best information available for a given circumstance and may incorporate assumptions that are the investment manager's best estimates after consideration of a variety of internal and external factors.

(in thousands of dollars)

Investments held by NYU's investment pool are categorized as follows:

Public Equity

Public equity consists of publicly-traded equity, mutual funds, and other commingled funds (which may include passive index exposure).

Fixed Income

Fixed income includes investments in securities such as U.S. government securities, non-U.S. sovereign bonds, and corporate and asset-backed securities.

Real Assets

Real assets include public and private investments in real asset funds.

Cash and Other

Cash and other predominantly includes cash and cash equivalents.

Hedge Funds

Hedge funds include investments with managers who invest across different strategies such as long and short equity, multi-strategy, event driven and relative value funds. These managers typically employ some leverage.

Credit

Credit includes public and private investments in strategies including distressed debt and special situations.

Private Equity

Private equity investments include limited partnership investments in funds pursuing strategies in corporate buyouts, growth equity, and venture capital.

Real Estate

Real estate includes public and private investments in real estate funds.

(in thousands of dollars)

The following tables summarize the fair value of investments at August 31, 2022 and 2021:

			20)22					
				Active Markets (Level 1)	bservable Inputs Level 2)		bservable Inputs _evel 3)		Total
Long-term investments-investment pool									
Public equity	\$	1,284,792	\$ <u>-</u>	\$	-	\$	1,284,792		
Fixed income		-	366,606		-		366,606		
Real assets		16,768	-		-		16,768		
Cash and other	_	123,227	 			_	123,227		
	_	1,424,787	 366,606				1,791,393		
Alternative investments measured at NAV as a practical expedient							3,505,993		
Subtotal investment pool							5,297,386		
Other long-term investments							0,201,000		
Public equity		1,103,060	2,701		-		1,105,761		
Fixed income		65,230	-		-		65,230		
Cash and other		7,097	 		4,080		11,177		
Subtotal other long-term investments		1,175,387	2,701		4,080		1,182,168		
Total long-term investments	\$	2,600,174	\$ 369,307	\$	4,080	\$	6,479,554		
Short-term investments									
Cash and other	\$	175,945	\$ -	\$	-	\$	175,945		
Total short-term investments	\$	175,945	\$ 	\$		\$	175,945		
			_						
			2	021					

	2021							
		Active Markets	_	bservable Inputs	- 1	bservable Inputs		
		(Level 1)		(Level 2)	(L	_evel 3)		Total
Long-term investments-investment pool								
Public equity	\$	1,442,361	\$	-	\$	-	\$	1,442,361
Fixed income		-		377,629		-		377,629
Real assets		23,483		-		-		23,483
Cash and other	_	177,070				-		177,070
	_	1,642,914		377,629		-		2,020,543
Alternative investments measured at NAV								
as a practical expedient							_	3,757,891
Subtotal investment pool								5,778,434
Other long-term investments								
Public equity		805,368		2,780		-		808,148
Fixed income		499,746		-		-		499,746
Cash and other		4,078				3,460		7,538
Subtotal other long-term investments		1,309,192		2,780		3,460		1,315,432
Total long-term investments	\$	2,952,106	\$	380,409	\$	3,460	\$	7,093,866
Short-term investments								
Cash and other	\$	193,532	\$	-	\$	-	\$	193,532
Total short-term investments	\$	193,532	\$	-	\$	-	\$	193,532

Level 3 activity was not significant for either of the years ended August 31, 2022 or 2021.

(in thousands of dollars)

The following tables represent NYU's investments measured at NAV as a practical expedient by asset class and the respective liquidity terms as of August 31, 2022 and 2021:

		2022		
Asset category Redeemable alternative investments		nption Frequency rrently eligible)	Redemption Notice Period	Fair Value
Public equity Hedge funds	Daily, Weekly, Monthly Monthly, Quarterly, Se	r, Quarterly, Annually mi-Annual, Annual, Bi-Annual	1 to 90 days 15 to 100 days	\$ 1,334,845 818,719 2,153,564
Nonredeemable alternative investments	Remaining Life	Time to draw Commitment	Unfunded Commitments	Fair Value
Private equity Credit Real assets Real estate	Up to 10 years Up to 7 years Up to 3 years Up to 13 years	7-14 days 7-14 days 7-14 days 7-14 days	\$ 888,993 99,950 2,682 303,828 \$ 1,295,453	\$ 814,670 203,241 57,832 276,686 1,352,429 \$ 3,505,993

		2021				
Asset category Redeemable alternative investments	Redemption Frequency (if currently eligible) Daily, Weekly, Monthly, Quarterly, Annually Monthly, Quarterly, Semi-Annual, Annual, Bi-Annual			demption ice Period	I	Fair Value
Public equity Hedge funds				o 180 days o 100 days	\$	1,733,289 980,005 2,713,294
Nonredeemable alternative investments	Remaining Life	Time to draw Commitment	_	nfunded nmitments	ı	Fair Value
Private equity Credit Real assets Real estate	Up to 10 years Up to 8 years Up to 4 years Up to 12 years	7-14 days 7-14 days 7-14 days 7-14 days	\$	517,673 159,553 3,538 157,165 837,929	\$	579,211 170,280 55,242 239,864 1,044,597 3,757,891

NYU maintains an investment pool for its long-term investments which include its endowment and similar funds. The pool is managed to achieve the maximum long-term return given prudent risk parameters. NYU relies on a total return strategy, the objective of which is to achieve a long-term rate of return consisting of a combination of current income and capital appreciation, recognizing that changes in market conditions and interest rates will result in varying strategies in an attempt to optimize results. Investment return (realized and unrealized net gains or losses, interest and dividends) and the appropriation for the approved endowment distribution for board-designated endowment funds are reported as nonoperating activities in the consolidated statements of activities. Investment return and the appropriation for the approved endowment distribution for donor-restricted endowment funds are reported as changes in net assets with donor restrictions in the consolidated statements of activities.

NYU's Board of Trustees has authorized a spending policy designed to allow asset growth while providing a predictable flow of return to support activities. Distributions from the endowment to support activities (approximately 4.5% in 2022 and 2021) are based on a fixed percentage of the 12-quarter average market value. To preserve the endowment's purchasing power, caps may

(in thousands of dollars)

further limit spending as follows: 1) the distribution of endowment return to support activities may not exceed the prior year's distribution by more than 10%, unless the increase was the result of new gifts to the endowment, and 2) if the results of using only the average market value of either the final four quarters alone or the final eight quarters alone would be a decline in the distribution from the prior year's distribution, then the distribution may not exceed the previous year's level.

6. Accounts and Loans Receivable, Net

Accounts and loans receivable, net of allowances for uncollectable amounts, consist of the following at August 31, 2022 and 2021:

	2022	2021
Students and other	\$ 257,059	\$ 208,719
Grants and contracts	217,977	163,745
Student loans	77,764	84,278
FEMA award receivable	104,477	97,188
Housing loans and other loans to employees	59,258	67,202
Insurance premiums and recoveries (Note 13)	 199,763	202,568
	916,298	823,700
Allowance for uncollectible amounts	 (68,449)	(65,171)
Accounts and loans receivable, net	\$ 847,849	\$ 758,529

Student loans consist primarily of Federal advances to the University under Perkins and other Federal loan programs which totaled \$41,015 and \$48,226 at August 31, 2022 and 2021, respectively. NYU records a liability on its consolidated balance sheets for these advances within funds held for others.

A reasonable estimate of the fair value of loans receivable from students under government loan programs could not be made because the notes cannot be sold and can only be assigned to the U.S. government or its designees. The fair value of loans receivable from students under NYU's loan programs approximates carrying value.

Housing loans and other loans to employees are secured by an interest in the underlying property or continued employment.

Management regularly assesses the adequacy of the allowance for credit losses by performing ongoing evaluation of the accounts and loans receivable portfolios.

(in thousands of dollars)

7. Contributions Receivable

Contributions receivable consist of the following at August 31, 2022 and 2021:

	2022			2021
Amounts expected to be collected in				
Less than one year	\$	279,816	\$	274,933
One to five years		313,822		349,259
More than five years		149,588		128,984
		743,226		753,176
Discount		(29,295)		(27,073)
Allowance for uncollectible amounts		(91,715)		(87,999)
Contributions receivable, net	\$	622,216	\$	638,104

Contributions receivable activity for the years ended August 31, 2022 and 2021 is as follows:

	2022	2021
Contributions receivable, gross, beginning of year	\$ 753,176	\$ 505,100
New pledges received Adjustments and write-offs Pledge payments received	178,243 (6,803) (181,390)	477,173 (10,490) (218,607)
Contributions receivable, gross, end of year	743,226	753,176
Discount and allowance for uncollectible amounts	(121,010)	(115,072)
Contributions receivable, net, end of year	\$ 622,216	\$ 638,104

Conditional promises to give are not reported in the consolidated balance sheets and consist of the following as of August 31, 2022 and 2021:

		2021	
Bequests	\$	791,304	\$ 748,154
Intentions to give		123,674	103,893
Conditional promises to give		323,871	 331,861
	\$	1,238,849	\$ 1,183,908

Expenses related to fundraising activities are \$57,563 and \$52,175 for the years ended August 31, 2022 and 2021, respectively.

(in thousands of dollars)

8. Other Assets

Other assets consist of the following at August 31, 2022 and 2021:

	2022			2021
Deferred compensation plan assets held for others	\$	452,035	\$	486,090
Prepaid expenses and deferred charges		208,351		195,761
Inventory		189,964		168,571
Intangible assets and goodwill		51,199		51,293
Third-party payor receivables		32,256		53,856
Split-interest agreements		36,553		43,008
Other		103,712		76,852
Other assets	\$	1,074,070	\$	1,075,431

Deferred compensation plan assets held for others represent employee contributions and investment return for NYU's 457(b) plans. A corresponding obligation is recorded within funds held for others on the consolidated balance sheets.

NYU invests in various retirement plan assets as part of the deferred compensation plans. In addition to the asset classes described in Note 5, investments held by the deferred compensation plans also include:

Variable Annuity

Variable annuity contracts invest in a variety of public equity securities to generate varying rates of return based on the underlying public equities.

Fixed Income Annuity

Fixed income annuities are used to purchase a guaranteed amount of future retirement benefits.

The following tables summarize the fair value of other assets at August 31, 2022 and 2021:

	2022							
		Active Markets (Level 1)	Inputs Inp		bservable Inputs Level 3) Tota		Total	
Other financial instruments								
Split-interest agreements	\$		\$	-	\$	36,553	\$	36,553
Deferred compensation plan held for others								
Variable annuities	\$	131,453	\$	51,921	\$	-	\$	183,374
Fixed income annuity		23,200		7,503		48,609		79,312
Public equity		187,551		1,798				189,349
Total deferred compensation plan assets held for others	\$	342,204	\$	61,222	\$	48,609	\$	452,035

(in thousands of dollars)

	2021							
	Active Markets (Level 1)		Markets Inputs Inputs				Total	
Other financial instruments								
Split-interest agreements	\$		\$	-	\$	43,008	\$	43,008
Deferred compensation plan held for others								
Variable annuities	\$	142,935	\$	63,539	\$	-	\$	206,474
Fixed income annuity		24,037		7,825		41,675		73,537
Public equity		204,991		1,088				206,079
Total deferred compensation plan assets held for others	\$	371,963	\$	72,452	\$	41,675	\$	486,090

Level 3 activity was not significant for either of the years ended August 31, 2022 or 2021.

9. Deposits with Trustees

Deposits with Trustees include unexpended bond proceeds to fund various construction projects held by the trustee, the Dormitory Authority of the State of New York (DASNY), and debt service funds, consist of the following at August 31, 2022 and 2021:

	2022	2021		
Construction funds held by DASNY	\$ 597,930	\$ 849,197		
Debt service funds	90	48		
Debt service reserve funds	23,929	15,885		
Other	1,002	1,342		
	\$ 622,951	\$ 866,472		

The following tables summarize the fair value of deposits with trustees at August 31, 2022 and 2021 according to the asset categories defined in Note 5.

			20)22		
	Active Markets (Level 1)	Ir	ervable iputs evel 2)	In	servable outs vel 3)	Total
Fixed income Cash and other	\$ 432,955 189,996	\$	-	\$	-	\$ 432,955 189,996
Total deposits with trustees	\$ 622,951	\$		\$	-	\$ 622,951
			20	021		
	Active Markets (Level 1)	Ir	servable nputs evel 2)	In	servable puts vel 3)	Total
Fixed income Cash and other	\$ 483,549 382,923	\$	- -	\$	- -	\$ 483,549 382,923
Total deposits with trustees	\$ 866,472	\$		\$		\$ 866,472

(in thousands of dollars)

10. Land, Buildings, and Equipment

Land, buildings, and equipment consist of the following at August 31, 2022 and 2021:

	2022	2021
Land	\$ 403,038	\$ 384,458
Buildings and building improvements	14,831,709	14,137,946
Equipment	3,289,833	2,983,769
Finance leases	1,606,877	1,632,225
Construction in progress	 2,009,444	 1,429,112
	22,140,901	20,567,510
Less: Accumulated depreciation	 (8,616,814)	 (7,666,817)
Land, buildings, and equipment, net	\$ 13,524,087	\$ 12,900,693

Depreciation expense is \$968,151 and \$924,444 for the years ended August 31, 2022 and 2021, respectively.

In September 2020, NYUGSoM extended an existing lease in Manhattan for 30 years, resulting in a reclassification of the lease from an operating lease to a finance lease totaling \$743,300.

(in thousands of dollars)

11. Leases

The components of lease expense included in the statements of activities consist of the following for the years ended August 31, 2022 and 2021:

for the years ended August 31, 2022 and 2021:		2022		2021
		LVLL		2021
Lease cost				
Finance lease cost	¢	90.046	\$	90 292
Amortization of right-of-use assets Interest on finance lease obligations	\$	89,946 63,840	Φ	89,283 61,976
Total finance lease cost		153,786		151,259
Operating lease cost	_	313,461		306,142
Short-term and variable lease costs		46,669		54,248
Total operating lease cost included in facilities costs		360,130		360,390
Total lease cost	\$	513,916	\$	511,649
Other information				
Cash paid for amounts included in the measurement of lease obligations	•	000.070	•	000 540
Operating cash flows for operating leases Operating cash flows for finance leases	\$	292,073 63,840	\$	290,549 59,728
Financing cash flows for finance leases		66,235		69,735
Right-of-use assets obtained		,		,
In exchange for new operating lease obligations	\$	249,270	\$	148,514
In exchange for new finance lease obligations (Note 10)		50,243		809,818
Weighted-average remaining lease term				
Operating leases		18.2 years		18.7 years
Operating leases excluding ground lease through 2087 Finance leases		11.8 years 26.6 years		11.2 years 26.6 years
Weighted-average discount rate		20.0 years		20.0 years
Operating leases		2.79 %		2.71 %
Finance leases		3.83 %		3.83 %
Aggregate future minimum lease payments under operating leases as follows:	of A	ugust 31, 20)22	are as
2023		\$		290,885
2024				277,180
2025				268,918
2026				234,712
2027				210,414
Thereafter				,954,132
Total minimum lease payments			3	3,236,241
Less: Imputed interest				(919,255)
Total operating lease obligation			2	2,316,986
Less: Deferred rent liability				(162,764)
Total operating right-to-use asset		\$		2,154,222
		Ψ		,,

(in thousands of dollars)

12. Debt and Other Obligations

NYU has various bond issues outstanding, primarily issued through DASNY. The University and NYU Schools of Medicine are considered the legally obligated group for certain borrowings presented below as the "Obligated Group."

Debt and other obligations consist of the following at August 31, 2022 and 2021:

					2022						
	University	o	NYU Schools of Medicine	Total Obligated		ls Obliga		ted Health		Health Co System	
Issuer											
Dormitory Authority of the State											
of New York (DASNY)	\$ 3,696,789	\$	808,785	\$	4,505,574	\$	794,135	\$	5,299,709		
New York University	245,581		57,096		302,677		-		302,677		
NYU Langone Hospitals	-		-		-		2,039,751		2,039,751		
Nassau County Local Economic											
Assistance Corporation	-		-		-		28,222		28,222		
Brookhaven Local Development Corporation	-		-		-		83,866		83,866		
Other obligations	 167,638		1,268,851	_	1,436,489		375,692		1,812,181		
Debt and other obligations	\$ 4,110,008	\$	2,134,732	\$	6,244,740	\$	3,321,666	\$	9,566,406		

					2021				
	NYU Schools University of Medicine		Total Obligated Group			Health System	Co	onsolidated NYU	
Issuer									
Dormitory Authority of the State									
of New York (DASNY)	\$	3,811,174	\$ 831,736	\$	4,642,910	\$	820,457	\$	5,463,367
New York University		256,431	61,350		317,781		-		317,781
NYU Langone Hospitals		-	_		-		2,039,298		2,039,298
Nassau County Local Economic									
Assistance Corporation		_	_		-		33,078		33,078
Other obligations		169,410	 1,281,990		1,451,400	_	335,987		1,787,387
Debt and other obligations	\$	4,237,015	\$ 2,175,076	\$	6,412,091	\$	3,228,820	\$	9,640,911

In July 2021, DASNY issued \$212,695 of revenue bonds (Series 2021A) on behalf of the Obligated Group, with interest rates ranging from 0.66% to 2.23%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2051. The 2021A bonds maturing in July 2046 are payable in annual sinking fund installments from July 2042 to maturity. The 2021A bonds maturing in July 2051 are payable in annual sinking fund installments from July 2047 to maturity. In July 2021, DASNY issued \$37,305 of taxable bonds (Series 2021B) on behalf of the Obligated Group with interest rates ranging from 0.25% to 2.02%. The Series 2021B bonds mature serially from July 2022 through July 2031. The proceeds from the DASNY Series 2021A and Series 2021B were used to fund improvements on the Manhattan and Brooklyn campuses and repay certain lines of credit that were incurred to refund a portion of Series 2016A.

(in thousands of dollars)

The principal amounts outstanding for debt and other obligations consist of the following at August 31, 2022 and 2021:

					20	022				
		NYU Schools		Total				Col	nsolidated	
	U	niversity	of Medicir			oup		Health System	COI	NYU
DASNY										
Series 1998A bonds, with interest rates ranging from 5.75% to 6.00%, maturing serially through										
July 2020, payable thereafter in annual sinking fund							_			
installments to maturity in 2027 (including premium of \$1,134) 2001 Series 1 bonds, with an interest rate	\$	78,819	\$	-	\$	78,819	\$	-	\$	78,819
of 5.50%, maturing serially from July 2011, through July 2025, payable thereafter in annual sinking										
fund installments to maturities in July 2031 and										
July 2040 (including premiums of \$1,532 and \$1,900) Series 2012C taxable bonds, with interest rates ranging from		52,591	43,6	76		96,267		-		96,267
1.93% to 3.62%, maturing serially through July 2027		11,440		-		11,440		-		11,440
Series 2013B taxable bonds, with interest rates ranging from 2.33% to 5.25%, maturing serially through July 2028,										
payable thereafter in annual sinking fund installments to maturities in July 2033 and July 2043		21,480		_		21,480		_		21,480
Series 2014 bonds, with interest rate ranging from 2.00%		,				,,				,,
to 5.00%, maturing serially through July 2032 and July 2036 (including premium of \$6,181)		-		-		-		66,316		66,316
Series 2014 S2 bonds, with interest rate ranging from 3.75% to 4.95%, maturing serially through July 2034 and July 2035										
(including premium of \$11,651)		-		-		-		81,011		81,011
Series 2014A taxable bonds, with an interest rate of 2.59% maturing in July 2034, payable in annual sinking fund										
installments through July 2034 Series 2015 bonds, with interest rates ranging from		43,325		-		43,325		-		43,325
2.00% to 5.50%, maturing serially through July 2035,										
payable in annual sinking fund installments from July 2036 to July 2048 (including premium of \$53,181)		607,220		_	6	507,220		-		607,220
Series 2016A bonds, with interest rates ranging from		,								·
2.00% to 5.00%, maturing serially through July 2036 payable thereafter in annual sinking fund installments										
until July 2043 (including premiums of \$53,663 and \$18,896) Series 2016B taxable bonds, with interest rates ranging from		458,323	137,4	71	ţ	595,794		-		595,794
1.20% to 5.00%, maturing serially through July 2022										
payable thereafter in annual sinking fund installments until July 2046		141,090	29,9	70		171,060		-		171,060
Series 2016A bonds, with interest rates ranging from 3.53% to 4.77%, maturing serially to maturity in July 2040 and payable										
thereafter in annual sinking fund installments until July 2043										
(including premium of \$17,557) Series 2017A bonds, with interest rates ranging from 3.25% to		-		-		-		134,302		134,302
5.00%, maturing serially to maturity in July 2040 and payable thereafter in annual sinking fund installments until July 2047										
(including premium of \$28,967 and \$18,347)		289,387	161,6	77	4	151,064		-		451,064
Series 2017B taxable bonds, with interest rates ranging from 1.60% to 4.15%, maturing serially to maturity in July 2032		163,804	50,4	06	2	214,210		_		214,210
Series 2018A bonds, with interest rates ranging from										
3.25% to 5.00%, maturing serially through July 2048 payable thereafter in annual sinking fund installments										
(including premiums of \$28,402 and \$8,453) Series 2018B taxable bonds, with interest rates ranging from		287,892	76,5	23	3	364,415		-		364,415
2.27% to 4.85%, maturing serially through July 2048 payable thereafter in annual sinking fund installments										
(including premiums of \$6,029 and \$2,526)		146,170	100,3	71	2	246,541		-		246,541
Series 2019A bonds, with interest rates ranging from 4.00% to 5.00%, maturing serially through July 2049 payable										
thereafter in annual sinking fund installments		504.000	07.4	07	,	200 547				000 547
(including premiums of \$71,254 and \$11,362) Series 2019B-1 taxable bonds, with interest rates ranging		581,380	87,1	0/	(668,547		-		668,547
from 2.76% to 4.29%, maturing serially through July 2044 payable thereafter in annual sinking fund installments		136,505	27,3	75		163,880				163,880
Series 2019B-2 taxable bonds, with an interest rate of 4.01%		100,000	21,0			. 55,550				100,000
payable thereafter in annual sinking fund installments maturing on July 2049		77,925	5,2	45		83,170		-		83,170

(in thousands of dollars)

Suries 2002A b.0nds, with interact ruses ranging from 3.00% 2003 (moluting net permitting of 2003) (molecular permitting networks) (moluting networks) (moluting networks) (molecular permitting of 2003) (mole		2022								
Series 2020A bonds, with interest rates ranging from 3.00%										
Series 2020 Standable Donds, with interest rates ranging from 3.00% of 4.00% installing peraling through, July 2020 in golding reperture of \$2.21 \$3.00 \$36.50 \$36.250 \$40.405 \$36.50 \$40.405		University		•						
Semilar Sex Semilar		Omvorony	or modiomo	Cioup	oyoto					
Series 2009 Invasible bonds, with interest rates ranging from 1,29% to 2,77%, maturing similarly frough study 2004 and payable beneafter in annual sinking fund installments to maturity in 2043 368,150 36.255 404.405 404.405 404.405 406.805 404.405 404.405 406.805 404.405 406.805 406.805 404.405 406.80	0 , 0 , \ 0									
1,295 to 2,775, maluring serially through July 2030 and payable thereaffer in annual sinking fund installments to maturity in 2043 20,005 to 22,007 to 20,007 to 2	•	-	-	-	518,500	518,500				
Internation in annual sinking fund installments to maturity in 2043 388,150 36,255 404,405 404,405 5676820212 500000, with interest stear enging from 0.667 to 2.23%, maturing serially through July 2041 and payable 1.212,739 49,586 262,235 34,600 34,400 34,400 34,400 34,400 36,50										
Series 2012 to bonds, with interest rates ranging from Ook96% to 2.28% natural sainting fund installments to maturity in 2051 (including permitting fund installments for maturity in 2051 (including permitting 5139,679 at 39,951) 212,739 49,586 262,325 3,460 3,460 3,460 2,283		369 150	26.255	404 405		404 405				
B.68% to 2.23%, maturing serially through July 2041 and payable threatfair in annual sinking fund installaments to maturity in 2051 (including premiums of \$36,979 and \$80,951) 212,739		300, 130	30,233	404,403	-	404,403				
Internation										
Cincluding premiums of \$36,979 and \$8,961 22,375 22										
Series 2071 Buxable bonds, with interest rates ranging from 29.965 4.495 34.460 (6.94 1.68.42) (1.8.42)		212,739	49,586	262,325	-	262,325				
Mathematics										
Subtotal of DASNY bonds 3,696,769 808,765 4,505,674 794,135 5,299,709	0.25% to 2.02%, maturing serially through July 2031	29,965	4,495	34,460	-					
Series 2009 taxable bonds, with an interest rate of 5.24%, makingin 1.uly 2032, payable in annual sinking fund installments from 1.uly 2018 through 1.uly 2022 11.019 57,486 88,505 88,505 88,505 86,5	•									
Series 2009 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through, July 2032 11,019 57,486 68,505 6	Subtotal of DASNY bonds	3,696,789	808,785	4,505,574	794,135	5,299,709				
Instituting in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 11,019 57,486 68,505 5.86,	NYU									
fund installments from July 2018 through July 2032 11,019 57,486 68,505 68,505 Series 2010 taxable bonds, with interest rate of 4,98%, maturing in July 2018 through July 2018 16,830 16,830 16,830 Series 2015 taxable bonds, with interest rates ranging from 1,32% to 1,44%, maturing serially through July 2018 16,830 16,830 2,18,85 Series 2015 taxable bonds, with interest rates ranging from July 2028 to July 2048 218,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 2,18,485 3,00,000 1,143 3,00,007	Series 2009 taxable bonds, with an interest rate of 5.24%,									
Series 2010 taxable bonds, with an interest rate of 4-98%, maturing in July 2020 gapable in annual sinking fund installments from July 2018 through July 2028 (16,830) 16,830 16,	maturing in July 2032, payable in annual sinking									
16,839		11,019	57,486	68,505	-	68,505				
Series 2015 taxable bonds, with an interest rate of 5.75%, maturing in July 2042 (including discount of \$5.21) \$2.95%, maturing in July 2042 (including discount of \$5.75%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2044 (including discount of \$5.75%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2044 (including discount of \$5.75%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2044 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (including discount of \$5.75%) \$2.95%, maturing in July 2056 (incl										
Series 2015 taxable bonds, with interest rates ranging from 13.2% to 4.14%, maturing serially through July 2028 payable in annual sinking fund installments from July 2029 to July 2048 218,485 (753) (390) (1,143) — (1,143) Subtotal of NYU bonds (753) (390) (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143) Subtotal of NYU bonds (753) — (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143) — (1,143) — (1,143) — (1,143) Subtotal of NYU bonds (753) — (1,143		40.000		40.000		40.000				
Promise Prom		16,830	-	16,830	-	16,830				
2028, payable in annual sinking fund installments from July 2026 to July 2048 218,485 218,485 3,090 302,677 3,000 302,677 3,000 302,677 3,000 302,677 3,000 302,677 3,000										
Profestred financing costs										
Deferred financing costs	, ,	218 485	_	218 485	_	218 485				
Subtolate of NYU bonds			(390)		_	,				
NYU Langone Hospitals Series 2012 taxable bonds, with an interest rate of 4.40%, maturing in July 2042 (including discount of \$90) 249,310	•									
Series 2012 taxable bonds, with an interest rate of 4.40%, maturing in July 2042 (including discount of \$590)		240,001	07,000	002,011		502,011				
6f 4.0%, maturing in July 2042 (including discount of \$690) c 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,310 249,319 348,997 349,997 349,907 349,097 349,097 349,097 349,097 349,097 349,097 349,097 348,997 348,997 34	•									
Series 2013 taxable bonds, with an interest rate of 67.75%, maturing in July 2043 (including discount of \$1,003)										
Series 2013 taxable bonds, with an interest rate of 5.75%, maturing in July 2043 (including discount of \$1,003)	· · · · · · · · · · · · · · · · · · ·	_	_	_	249 310	249 310				
6f 5.75%, maturing in July 2043 (including discount of \$1,003) 348,997 399,097 399,097 369,007	· · · · · · · · · · · · · · · · · · ·				243,510	243,010				
Series 2014 taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$921) \$299,079 \$299,07										
Series 2014 taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$921) 2.99,079 2.99,07	· · · · · · · · · · · · · · · · · · ·	-	-	_	348,997	348,997				
Series 2017A taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047 5										
Series 2017A taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047	of 4.78%, maturing in July 2044 (including									
From 4.17% to 4.37%, maturing in August 2047 Series 2020B taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2055 (including a discount of \$2,518) Subtotal of NYU Langone Hospitals bonds Subtotal of Nyu Langone Corporation	discount of \$921)	-	-	-	299,079	299,079				
Series 2020B taxable bonds, with a fixed interest rate of 3.38% to maturify in July 2055 (including a discount of \$2,518)										
Table Tabl		-	-	-	600,000	600,000				
Deferred financing costs					540 507	540 507				
Subtotal of NYU Langone Hospitals bonds - - - 2,039,751 2,039,751		-	-	-						
Nassau County Local Economic Assistance Corporation Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 - - - 28,222 28,222 28,222 Subtotal of Nassau County Local Economic Assistance Corporation bonds - - - - - 28,222 28,22 28,222 28,222 28,222 28,222 28,222 28,222 28,222 28,222 28,222 28,222 28,222 28,222 28,222 28,222	•									
Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036					2,039,751	2,039,751				
Subtotal of Nassau County Local Economic Assistance Corporation bonds	· · · · · · · · · · · · · · · · · · ·									
Subtotal of Nassau County Local Economic Assistance Corporation bonds										
Assistance Corporation bonds 28,222 28,222 Brookhaven Local Development Corporation Series 2020A taxable bond series, with varying interest rates of 4.2% to 5.0%, maturing in Ocobter 2050 (including premium of \$7,381) 66,516 66,516 Series 2020B taxable bond series, with varying interest rates of 5.5% to 6.0%, maturing in Ocobter 2030 (including premium of \$1,470) 17,350 17,350 Subtotal of Brookhaven Local Development Corporation 83,866 83,866 Other obligations Mortgage loans - 39,095 39,095 6,954 46,049 Commercial loans - 43,030 43,030 - 14,277 Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181					28,222	28,222				
Brookhaven Local Development Corporation Series 2020A taxable bond series, with varying interest rates of 4.2% to 5.0%, maturing in Ocobter 2050 (including premium of \$7,381)	· ·									
Series 2020A taxable bond series, with varying interest rates of 4.2% to 5.0%, maturing in Ocobter 2050 (including premium of \$7,381) 66,516 66,516 Series 2020B taxable bond series, with varying interest rates of 5.5% to 6.0%, maturing in Ocobter 2030 (including premium of \$1,470) 17,350 17,350 Subtotal of Brookhaven Local Development Corporation 83,866 83,866 83,866 Other obligations Mortgage loans - 39,095 39,095 6,954 46,049 Commercial loans - 14,277 14,277 Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181	•				28,222	28,222				
rates of 4.2% to 5.0%, maturing in Ocobter 2050 (including premium of \$7,381) Series 2020B taxable bond series, with varying interest rates of 5.5% to 6.0%, maturing in Ocobter 2030 (including premium of \$1,470) Subtotal of Brookhaven Local Development Corporation Corporation Other obligations Mortgage loans Commercial loans Commercial loans Finance leases (Note 10) Subtotal of other obligations Subtotal of other obligations Reference 166,516 6										
(including premium of \$7,381) - - - 66,516 66,516 Series 2020B taxable bond series, with varying interest rates of 5.5% to 6.0%, maturing in Ocobter 2030 - - - 17,350 17,350 (including premium of \$1,470) - - - 17,350 17,350 Subtotal of Brookhaven Local Development Corporation - - - 83,866 83,866 Other obligations Mortgage loans - 39,095 6,954 46,049 Commercial loans - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181	, , ,									
Series 2020B taxable bond series, with varying interest rates of 5.5% to 6.0%, maturing in Ocobter 2030 (including premium of \$1,470) - - - 17,350 17,350 Subtotal of Brookhaven Local Development Corporation - - - 83,866 83,866 Other obligations Mortgage loans - 39,095 39,095 6,954 46,049 Commercial loans - 43,030 - 14,277 14,277 Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181		_	_	_	66 516	66 516				
rates of 5.5% to 6.0%, maturing in Ocobter 2030 (including premium of \$1,470)					00,010	00,010				
(including premium of \$1,470) - - - 17,350 17,350 Subtotal of Brookhaven Local Development Corporation - - - - 83,866 83,866 Other obligations Mortgage loans - 39,095 39,095 6,954 46,049 Commercial loans - - - 14,277 14,277 Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181										
Subtotal of Brookhaven Local Development Corporation - - - 83,866 83,866 Other obligations Mortgage loans - 39,095 39,095 6,954 46,049 Commercial loans - - 14,277 14,277 Lines of credit - 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181		_	_	_	17,350	17,350				
Other obligations Mortgage loans - 39,095 39,095 6,954 46,049 Commercial loans - - - 14,277 14,277 Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181										
Mortgage loans - 39,095 39,095 6,954 46,049 Commercial loans - - - 14,277 14,277 Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181	Corporation				83,866	83,866				
Mortgage loans - 39,095 39,095 6,954 46,049 Commercial loans - - - 14,277 14,277 Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181	Other obligations									
Commercial loans - 43,030 - 14,277 14,277 Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181	· · · · · · · · · · · · · · · · · · ·	-	39,095	39,095	6,954	46,049				
Lines of credit - 43,030 43,030 - 43,030 Finance leases (Note 10) 167,638 1,186,726 1,354,364 354,461 1,708,825 Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181	9 9		•	· -						
Subtotal of other obligations 167,638 1,268,851 1,436,489 375,692 1,812,181	Lines of credit	-		43,030	-					
	Finance leases (Note 10)	167,638	1,186,726	1,354,364	354,461	1,708,825				
Total amounts outstanding \$ 4,110,008 \$ 2,134,732 \$ 6,244,740 \$ 3,321,666 \$ 9,566,406	Subtotal of other obligations	167,638	1,268,851	1,436,489	375,692	1,812,181				
	Total amounts outstanding	\$ 4,110,008	\$ 2,134,732	\$ 6,244,740	\$ 3,321,666	\$ 9,566,406				

(in thousands of dollars)

						2021				
	Uni	University		NYU Schools of Medicine		Total Obligated Group		Health System		nsolidated NYU
DASNY										
Series 1998A bonds, with interest rates ranging										
from 5.75% to 6.00%, maturing serially through July 2020, payable thereafter in annual sinking fund										
installments to maturity in 2027 (including premium of \$1,560)	\$	92,335	\$	-	\$	92,335	\$	-	\$	92,335
2001 Series 1 bonds, with an interest rate										
of 5.50%, maturing serially from July 2011, through July 2025, payable thereafter in annual sinking										
fund installments to maturities in July 2031 and										
July 2040 (including premiums of \$1,676 and \$2,007)		54,378	45,	126		99,504		-		99,504
Series 2012C taxable bonds, with interest rates ranging from 1.93% to 3.62%, maturing serially through July 2027		13,590		-		13,590		-		13,590
Series 2013B taxable bonds, with interest rates ranging from		-,				.,				.,
2.33% to 5.25%, maturing serially through July 2028, payable thereafter in annual sinking fund installments										
to maturities in July 2033 and July 2043		22,845		_		22,845		-		22,845
Series 2014 bonds, with interest rate ranging from 2.00%										
to 5.00%, maturing serially through July 2032 and July 2036 (including premium of \$6,626)		_		_		_		70,001		70,001
Series 2014 S2 bonds, with interest rate ranging from 3.75%		-		-		-		70,001		70,001
to 4.95%, maturing serially through July 2034 and July 2035										
(including premium of \$12,547) Series 2014A taxable bonds, with an interest rate of 2.59%		-		-		-		96,107		96,107
maturing in July 2034, payable in annual sinking fund										
installments through July 2034		46,365		-		46,365		-		46,365
Series 2015 bonds, with interest rates ranging from 2.00% to 5.50%, maturing serially through July 2035,										
payable in annual sinking fund installments from July										
2036 to July 2048 (including premium of \$57,212)		627,887		-		627,887		-		627,887
Series 2016A bonds, with interest rates ranging from 2.00% to 5.00%, maturing serially through July 2036										
payable thereafter in annual sinking fund installments										
until July 2043 (including premiums of \$58,361 and \$19,689)		465,701	141,8	899		607,600		-		607,600
Series 2016B taxable bonds, with interest rates ranging from 1.20% to 5.00%, maturing serially through July 2022										
payable thereafter in annual sinking fund installments										
until July 2046		152,000	29,9	970		181,970		-		181,970
Series 2016A bonds, with interest rates ranging from 3.53% to 4.77%, maturing serially to maturity in July 2040 and payable										
thereafter in annual sinking fund installments until July 2043										
(including premium of \$18,546) Series 2017A bonds, with interest rates ranging from 3.25% to		-		-		-		140,276		140,276
5.00%, maturing serially to maturity in July 2040 and payable										
thereafter in annual sinking fund installments until July 2047										
(including premium of \$32,654 and \$19,089) Series 2017B taxable bonds, with interest rates ranging from		305,108	165,	565		470,673		-		470,673
1.60% to 4.15%, maturing serially to maturity in July 2032		167,299	50,4	406		217,705				217,705
Series 2018A bonds, with interest rates ranging from										
3.25% to 5.00%, maturing serially through July 2048 payable thereafter in annual sinking fund installments										
(including premiums of \$30,940 and \$8,780)		298,075	78,	716		376,791		-		376,791
Series 2018B taxable bonds, with interest rates ranging from										
2.27% to 4.85%, maturing serially through July 2048 payable thereafter in annual sinking fund installments										
(including premiums of \$6,301 and \$2,624)		146,440	102,0	053		248,493		-		248,493
Series 2019A bonds, with interest rates ranging from										
4.00% to 5.00%, maturing serially through July 2049 payable thereafter in annual sinking fund installments										
(including premiums of \$76,182 and \$11,786)		595,287	87,	591		682,878		-		682,878
Series 2019B-1 taxable bonds, with interest rates ranging										
from 2.76% to 4.29%, maturing serially through July 2044 payable thereafter in annual sinking fund installments		136,505	33.	580		170,085		_		170,085
Series 2019B-2 taxable bonds, with an interest rate of 4.01%						,				
payable thereafter in annual sinking fund installments maturing on July 2049		77,925	5.	245		83,170		_		83,170
		11,020	5,	0		55,170		-		55,176

(in thousands of dollars)

Series 2020A bonds, with interest rates ranging from 3.0% to 4.0% maturing serially through July 2035 (including net premiums of \$54.070) Series 2020B taxable bonds, with interest rates ranging from 1.2% to 5.4.070) Series 2021A bonds, with rate series promote the series of \$5.00 and payable thereafter in annual sinking fund installments to maturity in 2043 Series 2021A bonds, with interest rates ranging from 0.6% to 2.23%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2043 Series 2021A bonds, with interest rates ranging from 0.6% to 2.23%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2041 Series 2021B taxable bonds, with interest rates ranging from 0.25% to 2.02%, maturing serially through July 2031 Subtotal of DASNY bonds NVI Series 2020B taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 Series 2010 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 Series 2016 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2032 through July 2032 Series 2016 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2032 to July 2048 207.35				2021		
Series 2020A bonds, with interest rates ranging from 3.0% to 4.0% maturing serially through July 2035 (including net premiums of \$54.070) Series 2020B taxable bonds, with interest rates ranging from 1.2% to 5.4.070) Series 2021A bonds, with rate series promote the series of \$5.00 and payable thereafter in annual sinking fund installments to maturity in 2043 Series 2021A bonds, with interest rates ranging from 0.6% to 2.23%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2043 Series 2021A bonds, with interest rates ranging from 0.6% to 2.23%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2041 Series 2021B taxable bonds, with interest rates ranging from 0.25% to 2.02%, maturing serially through July 2031 Subtotal of DASNY bonds NVI Series 2020B taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 Series 2010 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 Series 2016 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2032 through July 2032 Series 2016 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2032 to July 2048 207.35				Total		
Series 2020A bonds, with interest rates ranging from 3.00% to 4.00% maturing serially through July 2053 (including net premiums of \$54,070) \$520,374 \$520,375						Consolidated
to 4 00% maturing serially through July 2053 (including net premiums of \$54,070) Series 2020B taxable bonds, with interest rates ranging from 1,29% to 2,77% maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2043 Series 2021b taxable bonds, with interest rates ranging from 0,66% to 2,23%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2051 (including premiums of \$41,737 and \$10,296) Series 2021B taxable bonds, with interest rates ranging from 0,25% to 2,02%, maturing serially through July 2031 Deferred financing costs Subtotal of DASNY bonds NU Series 2020B taxable bonds, with an interest rate of 5,24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 Series 2019 taxable bonds, with an interest rate of 5,24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 Series 2015 taxable bonds, with an interest rate of \$4,000 (and installments from July 2018 through July 2032 Series 2015 taxable bonds, with interest rates ranging from 1,32% to 4,14%, maturing in July 2018 through July 2032 Series 2015 taxable bonds, with interest rates ranging from 1,32% to 4,14%, maturing serially through July 2032 Series 2015 taxable bonds, with an interest rate of 4,95%, maturing in July 2034 (and installments from July 2034 (and installments from July 2034 (and installments from July 2035 (and installments from July 2036 (and in		University	of Medicine	Group	System	NYU
Series 2007 la baxable bonds, with interest rates ranging from 1.29% to 2.77%, maturing erially through July 2003 and payable thereafter in annual sinking fund installments to maturity in 2043 375,060 37,830 412,890 412,890 412,890 568% to 2.37%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2051 (including premiums of \$41,737 and \$10,295) 214,797 49,930 264,727 264,791 264,792 264,793 273,793 and \$10,295 274,797 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,727 284,793 284,930 284,730 284,930 284,730 284,930 284,730 284,930 284,730 284,930 284,730 284,930 284,930 284,730 284,930 284						
Series 2020B taxable bonds, with interest rates ranging from 1.29% to 2.77%, maturing early through July 2030 and payable thereafter in annual sinking fund installments to maturity in 2043 Series 2021 bonds, with interest rates ranging from 0.68% to 2.23%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2051 (including premiums of \$41,737 and \$10,295) 214,797 49,930 264,727 264,725 264,725 2028, maturing serially through July 2031 31,965 5,340 37,305 4,63,31 202,935 2028, maturing serially through July 2031 31,965 5,340 37,305 4,642,910 820,457 5,463,33 3,405 3,					520 374	520 374
1.29% to 2.77%, maturing serially through July 2030 and payable thereafter in annual sinking fund installments to maturity in 2041 (including premiums of \$4.17.37 and \$10.2961) (2041 and payable thereafter in annual sinking fund installments to maturity in 2051 (including premiums of \$4.17.37 and \$10.2961) (2041 and payable thereafter in annual sinking fund installments to maturity in 2051 (including premiums of \$4.17.37 and \$10.2961) (2043 and payable thereafter in annual sinking fund installments to maturity in 2051 (including premiums of \$4.17.37 and \$10.2961) (20.25% to 2.02%, maturing serially through July 2031 (12.388) (1.515) (13.903) (6.301) (20.2 5.25% to 2.02%, maturing serially through July 2031 (12.388) (1.515) (13.903) (6.301) (20.2 5.25% to 2.02%, maturing serially through July 2031 (12.388) (1.515) (13.903) (6.301) (20.2 5.25% to 2.02%, maturing serially through July 2032 (18.88 to 2.388) (1.515) (13.903) (6.301) (20.2 5.25% to 2.02%) (20.		-	-	-	520,574	320,374
Series 2012 taxable bonds, with netrest rates ranging from a 25% to 223%, maturing in July 2014 and payable thereafter in annual sinking fund installments to maturity in 2015 (including premiums of \$41,737 and \$10,295) 214,797 49,930 264,727 264,725 264,						
Series 2011 Abords, with interest rates ranging from 0.68% to 2.23%, maturing setally through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2055 214,797 49,930 264,727 264,72 264,725 275,72		375.060	37.830	412.890	_	412,890
0.68% to 2.23%, maturing serially through July 2041 and payable thereafter in annual sinking fund installments to maturity in 2051 (including premiums of \$41,737 and \$10,295) 214,797 49,930 264,727 264,728		,	,	,		,
(Including premiums of \$41,737 and \$10,295) 214,797 49,930 264,727 264,7						
Series 2012 It baxable bonds, with interest rates ranging from 0.25% to 2.02%, naturing serially through July 2031 31,965 5,340 37,305 (6,301) (20,20	thereafter in annual sinking fund installments to maturity in 2051					
Deferred financing costs (12,388) (1,515) (13,903) (3,001) (20,20 strong financing costs (12,388) (1,515) (13,903)		214,797	49,930	264,727	-	264,727
Deferred financing costs (12,388) (1,515) (13,903) (6,301) (20,20						
Subtotal of DASNY bonds 3,811,174 831,736 4,642,910 820,457 5,463,3 NYU Series 2009 taxable bonds, with an interest rate of 5,24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 11,842 61,778 73,620 - 73,6 5,643,643,645,645,645,645,645,645,645,645,645,645			- ,		-	37,305
NYU Series 2009 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 11,842 61,778 73,620 - 73,60 Series 2010 taxable bonds, with an interest rate of 4.96%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 series 2016 taxable bonds, with interest rates ranging from 1.32% to 4.14%, maturing serially through July 2022 2028, payable in annual sinking fund installments from July 2029 to July 2048 2028, payable in annual sinking fund installments from July 2029 to July 2048 227,335 227,335 227,335 Deferred financing costs (831) (428) (1,259) - (11,259) Subtotal of NYU bonds 256,431 61,350 317,781 - 317,78 NYU Langone Hospitals Series 2012 taxable bonds, with an interest rate of 4.40%, maturing in July 2042 (including discount of \$724) discount of \$724) - 249,276 249,276 Series 2013 taxable bonds, with an interest rate of 4.78%, maturing in July 2043 (including discount of \$1,051) Series 2014 taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$563) Series 2017 A taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$963) Series 2017 taxable bonds, with an interest rate of 3.38% to maturity in July 2044 (including discount of \$963) Series 2016 taxable bonds, with an interest rate of 3.38% to maturity in July 2045 (including a discount of \$2,594) Deferred financing costs Subtotal of NYU Langone Hospitals bonds Subtotal of NYU Langone Hospitals bonds Subtotal of NYU Langone Hospitals bonds Subtotal of Nyasauconds, with an interest rate of 3.00% to 5.00%, maturing in July 2045 (including a discount of \$2,594) Deferred financing costs Subtotal of Nyasaucond of \$2,594) Deferred financing costs Subtotal of Nyasaucond of \$2,594) Series 2014 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2042 Series 2014 taxable bonds, with an interest rate of 3.00% to 5	Deferred financing costs	(12,388)	(1,515)	(13,903)	(6,301)	(20,204)
Series 2009 taxable bonds, with an interest rate of 5.24%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032	Subtotal of DASNY bonds	3,811,174	831,736	4,642,910	820,457	5,463,367
maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 11,842 61,778 73,620 - 73,6 Series 2010 taxable bonds, with an interest rate of 4,96%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 18,085 - 18,085 - 18,085 Series 2015 taxable bonds, with interest rates ranging from 13,200 to 4,14%, maturing serially through July 2028, payable in annual sinking fund installments from July 2028 to 4,146%, maturing serially through July 2028, payable in annual sinking fund installments from July 2029 to July 2048 27,335 - 227,335 - 227,335 Subtotal of NYU bonds 256,431 61,350 317,781 - 317,7 NYU Langone Hospitals Series 2012 taxable bonds, with an interest rate of 4,40%, maturing in July 2042 (including discount of \$724) Series 2013 taxable bonds, with an interest rate of 5,75%, maturing in July 2043 (including discount of \$1,051) Series 2014 taxable bonds, with an interest rate of 4,478%, maturing in July 2044 (including discount of \$5,051) Series 2014 taxable bonds, with an interest rate of 3,38% to maturily in July 2044 (including discount of \$5,051) Series 2014 taxable bonds, with an interest rate of 3,38% to maturily in July 2044 (including discount of \$5,051) Series 2014 taxable bonds, with an interest rate of 3,38% to maturily in July 2056 (including a discount of \$5,051) Series 2020 taxable bonds, with an interest rate of 3,38% to maturily in July 2056 (including a discount of \$2,594) Series 2020 taxable bonds with varying interest rate of 3,30% Subtotal of NYU Langone Hospitals bonds Su	NYU					
fund installments from July 2018 through July 2032 Series 2010 taxable bonds, with an interest rate of 4.96%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 Series 2016 taxable bonds, with interest rates ranging from 1,32% to 4.14%, maturing serially through July 2028, payable in annual sinking fund installments from July 2029 to July 2048 2028, payable in annual sinking fund installments from July 2029 to July 2048 227,335 Everies 2016 taxable bonds, with an interest rate of 3.86% Subtotal of NYU bonds 256,431 801 801 801 801 801 801 801 801 801 80	Series 2009 taxable bonds, with an interest rate of 5.24%,					
Series 2010 taxable bonds, with an interest rate of 4.96%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 18,085 - 18	maturing in July 2032, payable in annual sinking					
of 4,9%, maturing in July 2032, payable in annual sinking fund installments from July 2018 through July 2032 Series 2015 taxable bonds, with interest rates ranging from 1,32% to 4,14%, maturing serially through July 2028, payable in annual sinking fund installments from July 2029 to July 2048 227,335 Deferred financing costs Subtotal of NYU bonds 256,431 8631) 878		11,842	61,778	73,620	-	73,620
Series 2015 taxable bonds, with an interest rate of 3.38% 18,085 18,0						
Series 2015 taxable bonds, with interest rates ranging from 1,32% to 4,14%, maturing serially through July 2028 to July 2029 to July 2048 227,335 - 227,35 - 227,335 -						
from 1.32% to 4.14%, maturing serially through July 2028, payable in annual sinking fund installments from July 2029 to July 2048 227,335 - 227,335 - 127,35		18,085	-	18,085	-	18,085
2028, payable in annual sinking fund installments from July 2029 to July 2048 227,335 - 227,335						
Deferred financing costs						
Deferred financing costs Subtotal of NYU bonds 256,431 61,350 317,781 - 317,7		227 225		227 335		227 335
Subtotal of NYU bonds			(428)	,	_	(1,259)
NYU Langone Hospitals Series 2012 taxable bonds, with an interest rate of 4.40%, maturing in July 2042 (including discount of \$724) Series 2013 taxable bonds, with an interest rate of 5.75%, maturing in July 2043 (including discount of \$1,051) Series 2014 taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$963) Series 2014 taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047 Series 2020B taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2055 (including a discount of \$2,594) Deferred financing costs Subtotal of NYU Langone Hospitals bonds Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 Series 2012 taxable bonds with an interest rate of 3.00% to 5.00%, maturing in July 2042 Series 2014 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2015 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds with an interest rate of 3.00% to 5.00%, maturing in July 2045 Series 2016 taxable bonds with an interest rate of 3.00% to 5.00% to 5.	•					
Series 2012 taxable bonds, with an interest rate of 4.40%, maturing in July 2042 (including discount of \$724)		230,431	01,330	317,701	<u>-</u>	317,701
of 4.40%, maturing in July 2042 (including discount of \$724) Series 2013 taxable bonds, with an interest rate of 5.75%, maturing in July 2043 (including discount of \$1,051) Series 2014 taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$963) Series 2017A taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047 Series 2017A taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2056 (including a discount of \$2,594) Deferred financing costs Subtotal of NYU Langone Hospitals bonds Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 Series 2014 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2045 Series 2014 taxable bonds with an interest rate of 3.30% to 5.00%, maturing in July 2046 Series 2014 taxable bonds with an interest rate of 3.00% to 5.00%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation Series 2014 taxable bonds with an interest rate of 2.99%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation Series 2014 taxable bonds with an interest rate of 3.00% to 5.00%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation Subtotal of Nassau County Local Economic Assistance Corporation bonds Subtotal of Nassau County Local Economic Assistance Corporation bonds Subtotal of Nassau County Local Economic Assistance Corporation bonds Subtotal of Nassau County Local Economic Assistance Corporation bonds Subtotal of Nassau County Local Economic Assistance Corporation bonds Subtotal of Nassau County Local Economic Assistance Corporation bonds Subtotal of Nassau County Local Economic Assistance Corporation bonds Subtotal of Nassau County Local Economic Assistance Corporation bonds						
discount of \$724) Series 2013 taxable bonds, with an interest rate of 5.75%, maturing in July 2043 (including discount of \$1,051) Series 2014 taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$963) Series 2017A taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047 Series 2020B taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2055 (including a discount of \$2,594) Deferred financing costs Subtotal of NYU Langone Hospitals bonds Nassau County Local Economic Assistance Corporation Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation bonds Subtotal of Nassau County Local Economic Assistance Corporation bonds 33,078 33,078 33,078	· · · · · · · · · · · · · · · · · · ·					
Series 2013 taxable bonds, with an interest rate of 5.75%, maturing in July 2043 (including discount of \$1,051) Series 2014 taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$963) Series 2017A taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047 Series 2018 taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2056 Including a discount of \$2,594) Subtotal of NYU Langone Hospitals bonds Subtotal of NYU Langone Hospitals bonds Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2045 Series 2014 taxable bonds with an interest rate of 3.00% to 5.00%, maturing in July 2046 Subtotal of Nassau County Local Economic Assistance Corporation Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation Subtotal of Nassau County Local Economic Assis					0.40.070	0.40.070
of 5.75%, maturing in July 2043 (including discount of \$1,051) Series 2014 taxable bonds, with an interest rate of 4.78%, maturing in July 2044 (including discount of \$963) Series 2017A taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047 Series 2020B taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2055 (including a discount of \$2,594) Deferred financing costs Subtotal of NYU Langone Hospitals bonds Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2045 Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation Series 2014 taxable bonds, with an interest rates of 3.00% to 5.00%, maturing in July 2042 Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation Subtotal of Nassau County Local Economic Assistance Corporation Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation bonds 33,078 33,078		-	-	-	249,276	249,276
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of 4.78%, maturing in July 2044 (including discount of \$963) Series 2017A taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047 Series 2020B taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2055 (including a discount of \$2,594) Deferred financing costs Subtotal of NYU Langone Hospitals bonds Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 Series 2014 taxable bonds, with an interest rate of 3.00% to 5.00%, maturing in July 2046 Subtotal of Nassau County Local Economic Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 Subtotal of Nassau County Local Economic Assistance Corporation bonds 33,078 33,078	· · · ·				040,040	040,040
discount of \$963) 299,037 299,037 299,035 eries 2017A taxable bonds, with an interest rate ranging from 4.17% to 4.37%, maturing in August 2047 600,000 600,0 600						
from 4.17% to 4.37%, maturing in August 2047 600,000 600,00 Series 2020B taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2055 (including a discount of \$2,594) 548,431 548,4 Deferred financing costs (6,395) (6,305) (-	-	-	299,037	299,037
Series 2020B taxable bonds, with a fixed interest rate of 3.38% to maturity in July 2055 (including a discount of \$2,594)	Series 2017A taxable bonds, with an interest rate ranging					
to maturity in July 2055 (including a discount of \$2,594) 548,431 548,4 Deferred financing costs Subtotal of NYU Langone Hospitals bonds (6,395) (6,3 Subtotal of NYU Langone Hospitals bonds 2,039,298 2,039,298 Nassau County Local Economic Assistance Corporation Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 3,260 3,2 Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 2,9,818 29,8 Subtotal of Nassau County Local Economic Assistance Corporation bonds 33,078 33,078 33,078		-	-	-	600,000	600,000
Deferred financing costs						
Subtotal of NYU Langone Hospitals bonds 2,039,298 2,039,22 Nassau County Local Economic Assistance Corporation Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 3,260 3,2 Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 29,818 29,8 Subtotal of Nassau County Local Economic Assistance Corporation bonds 33,078 33,078		-	-	-		548,431
Nassau County Local Economic Assistance Corporation Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 - - 3,260 3,2 Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 - - - 29,818 29,8 Subtotal of Nassau County Local Economic Assistance Corporation bonds - - - - 33,078 33,078 33,078	•					(6,395)
Series 2012 taxable bonds with varying interest rates of 3.00% to 5.00%, maturing in July 2042 - - - 3,260 3,2 Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 - - - 29,818 29,8 Subtotal of Nassau County Local Economic Assistance Corporation bonds - - - - 33,078 33,078 33,078	Subtotal of NYU Langone Hospitals bonds				2,039,298	2,039,298
to 5.00%, maturing in July 2042 3,260 3,2 Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 29,818 29,8 Subtotal of Nassau County Local Economic Assistance Corporation bonds 33,078 33,078	Nassau County Local Economic Assistance Corporation					
Series 2014 taxable bonds, with an interest rate of 2.99%, maturing in July 2036 - - - 29,818 29,8 Subtotal of Nassau County Local Economic Assistance Corporation bonds - - - - 33,078 33,078						
rate of 2.99%, maturing in July 2036 29,818 29,8 Subtotal of Nassau County Local Economic Assistance Corporation bonds 33,078 33,078		-	-	-	3,260	3,260
Subtotal of Nassau County Local Economic Assistance Corporation bonds 33,078 33,0						
Assistance Corporation bonds 33,078 33,0	•				29,818	29,818
·						
Other obligations	Assistance Corporation bonds				33,078	33,078
	Other obligations					
		-	40,730	40,730		52,292
		-	-	-	24,081	24,081
		400 440		,	200.041	44,400
· ,	, ,					1,666,614
• — — — — — — —	~					1,787,387
Total amounts outstanding \$ 4,237,015 \$ 2,175,076 \$ 6,412,091 \$ 3,228,820 \$ 9,640,9	Total amounts outstanding	\$ 4,237,015	\$ 2,175,076	\$ 6,412,091	\$ 3,228,820	\$ 9,640,911

Interest expense on debt and other obligations totaled \$368,647 and \$368,152 for the years ended August 31, 2022 and 2021, respectively. This excludes \$18,934 and \$14,516 of interest capitalized (net of income earned on deposits with bond trustees) for the years ended August 31, 2022 and 2021, respectively, which is included in land, buildings, and equipment, net.

(in thousands of dollars)

NYU enters into various debt and other loan agreements that are secured by specific revenue streams, collateral and other real property or improvements, in addition to issuing debt supported by a general obligation of the University, any of which may constrain the use of certain assets. Other agreements include covenants requiring that NYU Langone Hospitals maintains certain financial ratios. At August 31, 2022 and 2021, the Obligated Group and NYU Langone Hospitals is compliant with all financial and administrative covenants.

Obligations with Financial Institutions

At August 31, 2022 and 2021, the Obligated Group has three contractually committed bank credit agreements which total \$800,000. As of August 31, 2022, these agreements expire from February 2023 to May 2025. The interest is accrued at rates based on LIBOR, the Bloomberg Short-Term Bank Yield Index, and the Secured Overnight Financing Rate. The amounts outstanding under these agreements are \$43,030 and \$44,400 as of August 31, 2022 and 2021, respectively.

At August 31, 2022, NYU Langone Hospitals has four unsecured lines of credit which total \$689,800 and expire from August 2023 to May 2024. At August 31, 2021, NYU Langone Hospitals has three unsecured lines of credit which total \$600,000 and expire from August 2023 to May 2024. The interest is accrued at rates based on LIBOR. There were no amounts outstanding as of August 31, 2022 and 2021, respectively.

Future Principal Payments

The aggregate required principal payments on all debt and other obligations, including capital leases, for each of the next five fiscal years, and thereafter to maturity, are as follows:

Year Ending August 31,	Debt and Other Obligations			Finance Leases	Total		
2023	\$	160,271	\$	109,390	\$ 269,661		
2024		168,184		99,694	267,878		
2025		210,981		95,441	306,422		
2026		178,449		95,335	273,784		
2027		183,025		90,786	273,811		
Thereafter		6,536,219		2,406,297	8,942,516		
		7,437,129		2,896,943	10,334,072		
Unamortized premiums and discounts, net		446,579		-	446,579		
Unamortized deferred financing costs		(26, 127)		-	(26,127)		
Less: Imputed interest		_		(1,188,118)	(1,188,118)		
	\$	7,857,581	\$	1,708,825	\$ 9,566,406		

(in thousands of dollars)

13. Professional Liabilities

NYU Langone Hospitals' professional liabilities are reported on a discounted basis and comprise estimates for known reported losses and loss expenses plus a provision for losses incurred but not reported. Losses are actuarially determined and are based on the loss experience of the insured. In management's opinion, recorded reserves for both self-insured and commercially insured exposures are adequate to cover the ultimate net cost of losses incurred to date; however, the provision is based on estimates and may ultimately be settled for a significantly greater or lesser amount.

Professional liabilities consist of the following as of August 31, 2022 and 2021:

	2022	2021
CCC550 professional liabilities	\$ 771,867	\$ 723,868
Self-insured liabilities	50,900	53,501
Commercially insured liabilities	63,062	70,541
LICH self-insured liabilities	31,400	-
Professional liabilities	\$ 917,229	\$ 847,910

NYU Langone Hospitals is self-insured for professional and general liabilities on an occurrence basis through CCC550. Beginning July 1, 2017, NYU Langone Hospital-Long Island and certain of its physicians are also self-insured through CCC550. Prior to July 1, 2017, NYU Langone Hospital-Long Island was self-insured for professional liabilities and designated funds in a revocable trust for satisfaction of claims and expenses. LICH is self-insured for professional liabilities on a claims-made basis. In addition, LICH maintains excess professional and general liability coverage through a third-party insurance company.

CCC550 provides insurance coverage to certain voluntary attending physicians and other non-employed physicians serving NYUGSoM and NYU Langone Hospitals. The cost of this insurance coverage is the responsibility of such physicians.

Assets held for professional liabilities consist of the following at August 31, 2022 and 2021:

		2021		
Assets held by CCC550 Self-insurance trust	\$	899,260 51.736	\$	858,650 55,477
Assets held for professional liabilities	\$	950,996	\$	914,127

(in thousands of dollars)

The following tables summarize the fair value of assets held for professional liabilities at August 31, 2022 and 2021 according to the asset categories defined in Note 5:

	2022								
		Active Markets (Level 1)	Observable Inputs (Level 2)		Unobservable Inputs (Level 3)			Total	
Fixed income	\$	51,736	\$	726,287	\$	_	\$	778,023	
Equity		135,376		-		-		135,376	
Cash and other		37,597						37,597	
Total assets held for professional liabilities	\$	224,709	\$	726,287	\$	-	\$	950,996	

	2021									
	N	Active Narkets Level 1)		bservable Inputs (Level 2)	Unobservable Inputs (Level 3)			Total		
Fixed income Cash and other	\$	55,477 25,597	\$	833,053	\$	-	\$	888,530 25,597		
Total assets held for professional liabilities	\$	81,074	\$	833,053	\$	-	\$	914,127		

Commercially insured liabilities primarily relate to policies purchased by NYU Langone Hospital-Brooklyn and NYU Langone Hospital-Long Island (for certain of its physicians) covering periods prior to October 1, 2015 and July 1, 2017, respectively. NYU Langone Hospitals recorded a corresponding insurance recovery receivable for claims covered by these policies within accounts and loans receivable, net on the consolidated balance sheets (Note 6).

14. Pension Plans and Other Postretirement Benefits

Pension Plans

Substantially all NYU employees are covered by retirement plans including various defined contribution plans, multi-employer defined benefit plans, and three NYU-sponsored benefit plans.

Defined Contribution Plans

Contributions to the defined contribution plans are based on rates required by union contracts or other contractual arrangements. Contributions of \$302,766 and \$262,571 in 2022 and 2021, respectively, are reported as expenses in the consolidated statements of activities. There is no obligation on the consolidated balance sheets for these plans.

Multi-Employer Defined Benefit Plans

Contributions to the multi-employer defined benefit plans are based on rates required by union contracts and other contractual arrangements. Contributions of \$229,544 and \$199,920 in 2022 and 2021, respectively, are reported as expenses in the consolidated statements of activities. There is no obligation on the consolidated balance sheets for these plans.

(in thousands of dollars)

Defined Benefit Plans

Contributions to the three defined benefit plans are intended to provide benefits attributed to service to date, as well as for those expected to be earned in the future. Contributions are made in amounts sufficient to meet the minimum funding requirements set forth in the Employee Retirement Income Security Act of 1974 as amended under the Pension Protection Act of 2006 (ERISA), plus such additional amounts as the sponsors may deem appropriate. Pension benefits under these defined benefit plans are based on participants' final average compensation levels and years of service and are accrued during the period the employees provide service to NYU. Contributions of \$16,699 and \$63,001 in 2022 and 2021, respectively, are reported as a reduction in the accrued benefit obligation on the consolidated balance sheets for these plans.

Postretirement Benefits

NYU has three defined benefit health and welfare plans that provide certain health care and life insurance benefits for eligible retired employees. NYU employees may become eligible for these benefits if they reach the age and service requirements of the plan while working for NYU. The costs related to these plans are accrued during the period the employees provide service to NYU. Contributions of \$28,178 and \$26,133 in 2022 and 2021, respectively, are reported as a reduction in the accrued postretirement obligation on the consolidated balance sheets for these plans.

The following tables provide information with respect to the defined benefit and other postretirement benefit plans for the years ended August 31:

Plans' Funded Status

		Defined	Be	nefit	Postretirement				
		Pensio	n Pl	ans		Benefi	t Pla	ns	
		2022		2021		2022		2021	
Change in benefit obligation									
Benefit obligation as of beginning of year	\$	2,892,896	\$	2,806,713	\$	850,054	\$	943,159	
Service cost		59,031		57,693		22,395		29,326	
Interest cost		70,614		67,737		23,775		23,635	
Actuarial (gain) loss		(698,354)		55,281		(169, 265)		(57,811)	
Benefits paid		(108,705)		(93,203)		(30,310)		(31,789)	
Participant contributions		-		-		7,947		7,333	
Retiree drug subsidy receipts		-		-		908		1,772	
Administrative expenses		(1,448)		(1,325)		-		-	
Plan amendments			_					(65,571)	
Benefit obligation as of end of year	_	2,214,034	_	2,892,896		705,504		850,054	
Change in fair value of plan assets									
Fair value of plan assets as of beginning of year		2,355,449		1,998,857		217,344		172,599	
Actual return on plan assets		(446,679)		388,119		(29,301)		41,296	
Employer contributions		16,699		63,001		28,178		26,133	
Benefits paid		(108,705)		(93,203)		(30,310)		(31,789)	
Participant contributions		-		-		7,947		7,333	
Retiree drug subsidy receipts		-		-		908		1,772	
Administrative expenses		(1,448)	_	(1,325)					
Fair value of plan assets, end of year	_	1,815,316	_	2,355,449		194,766		217,344	
Accrued benefit obligation	\$	398,718	\$	537,447	\$	510,738	\$	632,710	
Benefit obligation range of assumptions as of August 31									
Discount rate	4.7	70% - 4.95%	2.	87% - 3.15%	4.6	5% - 4.91%	2.8	30% - 2.95%	
Rate of increase in compensation levels	2.9	91% - 5.00%	2.	91% - 5.00%		N/A		N/A	

The accumulated benefit obligation for the defined benefit pension plans is \$2,078,546 and \$2,681,560 at August 31, 2022 and 2021, respectively.

(in thousands of dollars)

Net Periodic Benefit Cost

	Defined Benefit Pension Plans					Postretirement Benefit Plans				
		2022		2021		2022		2021		
Components of net periodic benefit cost Operating expense Service cost in salary and fringe	\$	59,031	\$	57,693	\$	22,395	\$	29,326		
Nonoperating expense Interest cost Expected return on plan assets Amortization of prior service cost (credit) Amortization of actuarial loss One-time curtailment loss		70,614 (147,122) - 32,723		67,737 (137,365) 2 37,422		23,775 (13,014) (4,113) 10,966		23,635 (10,329) 92 10,768 1,761		
Total non-service costs		(43,785)		(32,204)		17,614		25,927		
Net periodic benefit cost	\$	15,246	\$	25,489	\$	40,009	\$	55,253		
Other changes recognized in net assets without donor restrictions Actuarial net gain arising during period Amortization of prior service (cost) credit Amortization of actuarial loss Prior service credit	\$	(104,554) - (32,723) -	\$	(195,473) (2) (37,422)	\$	(126,949) 4,113 (10,966)	\$	(88,778) (2,174) (10,768) (65,236)		
Total changes in pension and postretirement obligations	\$	(137,277)	\$	(232,897)	\$	(133,802)	\$	(166,956)		
Net periodic benefit cost range of assumptions Discount rate Rate of increase in compensation levels Expected long-term rate of return on plan assets Initial healthcare cost trend Ultimate retiree health-care cost trend	2.9	2% - 3.15% 1% - 5.00% 0% - 7.00% N/A N/A	2.9	32% - 3.27% 31% - 3.00% 30% - 7.00% N/A N/A	6.0	80% - 2.95% N/A 00% - 7.00% 50% - 9.19% 4.50%	6.0	75% - 2.89% N/A 00% - 7.00% 75% - 7.80% 4.50%		
Year ultimate trend rate is achieved		N/A		N/A		2024-2031		2024-2031		

Actuarial gains were the result of asset returns in excess of planned return as well as changes in discount rates and plan experience for the year ended August 31, 2022 and 2021.

Amounts not yet reflected in net periodic benefit cost and included in net assets without donor restrictions for the defined benefit pension plans totaled \$291,989 and \$429,266 for the years ended August 31, 2022 and 2021, respectively. Amounts not yet reflected in net periodic benefit cost and included in net assets without donor restrictions for the postretirement benefit plans totaled \$(50,274) and \$83,528 for the years ended August 31, 2022 and 2021, respectively.

(in thousands of dollars)

Plan Assets

The following table presents the fair value of the defined benefit plan investments at August 31, 2022 and 2021 according to the asset categories defined in Note 5:

	Active Markets (Level 1)		bservable Inputs (Level 2)	In	servable puts vel 3)	Total
Public equity Fixed income Real estate Cash and other	\$	821,255 396,333 17,484 71,853	\$ 260,154 247,713 -	\$	- - -	\$ 1,081,409 644,046 17,484 71,853
	\$	1,306,925	\$ 507,867	\$	-	1,814,792
Alternative investments measured at NAV as a practical expedient						524
						\$ 1,815,316

	2021										
		Active Markets (Level 1)		oservable Inputs Level 2)		observable Inputs (Level 3)		Total			
Public equity Fixed income Real estate Cash and other	\$	1,037,161 521,732 20,865 108,076	\$	339,858 326,417 -	\$	- - -	\$	1,377,019 848,149 20,865 108,076			
	\$	1,687,834	\$	666,275	\$			2,354,109			
Alternative investments measured at NAV as a practical expedient								1,340			
							\$	2,355,449			

The defined benefit pension assets seek to: (1) provide retirement benefits to its participants and beneficiaries; and (2) achieve full funding of the pension liability, while incurring an acceptable level of risk for the sponsor. The pension liability growth rate together with the objective to achieve and maintain a fully-funded level over a reasonable timeline implies a minimum absolute rate of return to be met through either: (1) annual budgeted contributions, (2) pension assets growth, (3) plan derisking improvements, or (4) a combination thereof.

The strategy for achieving and maintaining a fully funded pension liability may vary with the prevailing funded level and other parameters related to the overall goal. The asset allocation process is designed to be dynamic and employ a liability-driven, glide path investment strategy, which reframes risk and performance relative to the pension liability. This approach is expected to enable pension assets to more reliably track the value of the pension liability, with less funded level

(in thousands of dollars)

volatility, than a static total-return investment. Broad target allocations at the current funded level are 55-75% return-seeking assets, such as equity and real estate (REIT) funds, and 25-45% liability-hedging assets, such as fixed income funds. The expected long-term rate of return assumption is determined by adding expected inflation to expected long-term real returns of various asset classes, weighing the asset class returns by the plans' investment in each class, and taking into account expected volatility and correlation between the returns of various asset classes. Working with our actuary, NYU management believes 6% - 7% is a reasonable estimate of long-term rates of return on plan assets for 2022 and will continue to evaluate the actuarial assumptions and adjust them as necessary.

The following table presents the fair value of the postretirement benefit plan investments at August 31, 2022 and 2021 according to the asset categories defined in Note 5:

	2022											
Public equity Fixed income Cash and other	Active Markets (Level 1)		Observable Inputs (Level 2)		Unobservable Inputs (Level 3)		Total					
	\$	128,620 55,844 128	\$	- 10,174 -	\$	- - -	\$	128,620 66,018 128				
	\$	184,592	\$	10,174	\$	_	\$	194,766				

	Active Markets (Level 1)		Observable Inputs (Level 2)		Unobservable Inputs (Level 3)		Total
Public equity Fixed income Cash and other	\$	142,301 60,789 118	\$	- 14,136 -	\$	- - -	\$ 142,301 74,925 118
	\$	203,208	\$	14,136	\$	-	\$ 217,344

The plans' investment objectives seek a long-term total rate of return to meet NYU's current and future plan obligations.

The postretirement benefit plan target asset allocation mix is 70% equity and 30% fixed income and cash, for which each asset class has a permitted range of +/- 10%.

The expected long-term rate of return assumption is determined by adding expected inflation to expected long-term real returns of various asset classes, taking into account expected volatility and correlation between the returns of various asset classes. NYU management believes that 6%-7% is a reasonable range of long-term rates of return on plan assets for 2022 and will continue to evaluate the actuarial assumptions and adjust them as necessary.

Contributions

NYU determines the annual contributions to the plans based upon calculations prepared by the plans' actuaries. Total expected contributions for the defined benefit pension plans and other postretirement benefit plans in fiscal year 2023 are \$17,450 and \$32,753, respectively.

(in thousands of dollars)

Benefit Payments

The following benefit payments, which reflect expected future service, as appropriate, are expected to be paid in the following years:

	Defined Benefit Pension Plans					
Year Ending August 31,						
2023	\$ 102,424	\$	31,659			
2024	107,982		33,286			
2025	113,151		34,718			
2026	118,762		36,623			
2027	124,044		38,730			
2028-2032	692,612		222,682			

Multi-Employer Benefit Plans

NYU participates in multi-employer defined benefit pension plans. NYU makes cash contributions to these plans under the terms of collective-bargaining agreements that cover its union employees based on a fixed rate and hours worked per week by the covered employees. The risks of participating in these multi-employer plans are different from other single-employer plans in the following aspects: (1) assets contributed to the multi-employer plan by one employer may be used to provide benefits to employees of other participating employers; (2) if a participating employer stops contributing to the plan, the unfunded obligations of the plan may be borne by the remaining participating employers; and (3) if NYU chooses to stop participating in some of its multi-employer plans, NYU may be required to pay those plans an amount based on the underfunded status of the plan, referred to as a withdrawal liability.

NYU's contributions to the following multi-employer defined benefit pension and postretirement plans are reported as salary and fringe expenses in the consolidated statements of activities for the years ended August 31, 2022 and 2021:

	2022	2021
1199 SEIU Health Care Employees Health & Welfare Fund	\$ 143,426	\$ 117,710
1199 SEIU Health Care Employees Pension Fund	57,130	55,369
United Federation of Teachers Welfare Fund	19,992	18,381
Local 810 United Wire, Metal & Machine Health & Welfare Fund	5,172	4,812
Local 810 United Wire, Metal & Machine Pension Fund	3,542	3,381
Local 30 Pension Fund	228	213
Local 153 Pension Fund	54	54
	\$ 229,544	\$ 199,920

(in thousands of dollars)

The Pension Protection Act zone status indicates the plan's funded status of either at least 80% funded (green) or less than 80% funded (yellow or red). A zone status of red requires the plan sponsor to implement a Funding Improvement Plan (FIP) or Rehabilitation Plan (RP). The following table includes information for related pension funds for the plan years ended December 31, 2021 and 2020.

	EIN/Pension		Protection e Status	FIP/RP Status Pending/	Surcharge	Expiration Date of Collective- Bargaining
Pension Plan Name	Plan Number	2021	2020	Implemented	Imposed	Agreement
1199 Pension Fund	13-3604862	Green	Green	N/A	No	September 2024
Local 810 United Wire Pension Fund	13-6596940	Red	Red	Yes	Yes	June 2024
Local 30 Pension Fund	51-6045848	Green	Green	N/A	No	June 2021
Local 153 Pension Fund	13-2864289	Red	Red	Yes	N/A	December 2026

NYU's contributions to the Local 810 United Wire Pension Fund represent greater than 5% of total plan contributions, based on the most recent Form 5500 available. NYU is in withdrawal status for the Local 153 Pension Fund with quarterly withdrawal payments continuing through 2033.

15. Hospital Affiliations

NYUGSoM has three affiliation agreements with the New York City Health and Hospitals Corporation (the Corporation) to provide general care and mental health services. The three agreements are with Woodhull Medical and Mental Health Center and Cumberland Diagnostic and Treatment Center, Bellevue Hospital Center and Gouverneur Healthcare Services, and Coler Rehabilitation and Nursing Care Center and Henry J. Carter Specialty Hospital and Nursing Facility. The current affiliation agreements cover the period July 1, 2021 through June 30, 2025. NYUGSoM recognized revenues from these affiliation agreements of \$421,490 and \$388,202 for the years ended August 31, 2022 and 2021, respectively.

NYU Langone Hospitals has several clinical affiliation agreements with New York City area hospitals where physicians provide patient care and supervision of residents at affiliated organizations. NYU Langone Hospitals also maintains an affiliation agreement with Sunset Park Health Council, Inc., a New York not-for-profit corporation, d/b/a Family Health Centers at NYU Langone. NYU Langone Hospitals recognized revenue from these affiliation agreements of \$27,337 and \$27,153 for the years ended August 31, 2022 and 2021, respectively.

16. Functional Classification of Expenses

NYU's primary program services are instruction, research and patient care. NYU's additional program services are student services and libraries and auxiliary enterprises. Expenses reported as institutional services are incurred in support of one or more of NYU's program services. Natural expenses attributed to more than one functional expense category are allocated using a variety of cost allocation techniques such as square footage and time and effort. Non-clinical COVID-19 costs in non-operating activities of \$37,792 and \$110,482 are classified as institutional services for the years ended August 31, 2022 and 2021, respectively.

(in thousands of dollars)

Expenses by functional classification for the years ended August 31, 2022 and 2021 consist of the following:

							- 2	2022					
	Oth	struction and ner Academic Programs	Oth	esearch and er Sponsored Programs	F	atient Care		lent Services d Libraries	Auxiliary nterprises	lı	nstitutional Services		Total
Salary and fringe Medical and pharmaceutical costs	\$	1,477,844 86	\$	613,201 1,072	\$	5,059,729 1,476,271	\$	137,527 2	\$ 127,921 -	\$	978,441 -	\$	8,394,663 1,477,431
Professional services Facilities costs		134,027 124,777		33,966 176,427		262,464 164,444		19,353 13,450	61,731 234,268		225,639 190,877		737,180 904,243
Fees, insurance and taxes Depreciation and amortization expense		6,139 91.257		408 39.189		257,635 479,112		1,668 17.394	13,090 99.763		181,510 219.196		460,450 945.911
Interest expense Other		103,082 162,735		8,713 268,082		146,801 129,654		5,875 53,430	38,509 10,598		65,667 194,175		368,647 818,674
	\$	2,099,947	\$	1,141,058	\$	7,976,110	\$	248,699	\$ 585,880	\$	2,055,505	\$	14,107,199
University NYU Langone Health	\$	2,033,905 66,042	\$	298,461 842,597	\$	56,698 7,919,412	\$	231,274 17,425	\$ 448,184 142,562	\$	532,961 1,530,457	\$	3,601,483 10,518,495
	\$	2,099,947	\$	1,141,058	\$	7,976,110	\$	248,699	\$ 590,746	\$ Eli	2,063,418 iminations	_	14,119,978 (12,779)
												\$	14,107,199

							2	021				
	Oth	truction and ner Academic Programs	Othe	search and er Sponsored Programs	P	atient Care		ent Services d Libraries	Auxiliary nterprises	lı	nstitutional Services	Total
Salary and fringe	\$	1,388,373	\$	569,609	\$	4,647,114	\$	135,396	\$ 128,267	\$	955,673	\$ 7,824,432
Medical and pharmaceutical costs		63		1,539		1,347,896		-	-		6,738	1,356,236
Professional services		119,623		31,859		228,967		15,032	47,355		158,406	601,242
Facilities costs		106,263		133,223		139,274		12,270	178,424		260,930	830,384
Fees, insurance and taxes		5,656		456		204,370		450	14,320		185,803	411,055
Depreciation and amortization expense		91,260		32,989		471,154		17,664	93,447		195,826	902,340
Interest expense		105,432		8,251		149,958		5,581	32,922		66,008	368,152
Other		97,312		163,674		182,240		45,661	9,304		214,166	712,357
	\$	1,913,982	\$	941,600	\$	7,370,973	\$	232,054	\$ 504,039	\$	2,043,550	\$ 13,006,198
University	\$	1,848,704	\$	261,388	\$	51,113	\$	214,950	\$ 397,950	\$	460,376	\$ 3,234,481
NYU Langone Health		65,278		680,212	_	7,319,860		17,104	 111,075		1,590,167	9,783,696
	\$	1,913,982	\$	941,600	\$	7,370,973	\$	232,054	\$ 509,025	\$	2,050,543	13,018,177
										Eli	iminations	(11,979)
												\$ 13 006 198

17. Components of Net Assets with Donor Restrictions

Net assets with donor restrictions are available for the following purposes at August 31, 2022 and 2021:

Contributions and earnings for operating purposes 1,498,322 1,865,393 Faculty and staff salaries 865,140 838,654 Program support 634,812 578,566 FEMA award for mitigation 38,698 50,067 Annuity trust agreements 37,796 40,080 Contributions for buildings and equipment 37,955 34,463		2022	2021
Faculty and staff salaries 865,140 838,654 Program support 634,812 578,566 FEMA award for mitigation 38,698 50,067 Annuity trust agreements 37,796 40,080 Contributions for buildings and equipment 37,955 34,463 Other 107,634 108,286	Scholarships and fellowships	\$ 1,516,716	\$ 1,597,392
Program support 634,812 578,566 FEMA award for mitigation 38,698 50,067 Annuity trust agreements 37,796 40,080 Contributions for buildings and equipment 37,955 34,463 Other 107,634 108,286	Contributions and earnings for operating purposes	1,498,322	1,865,393
FEMA award for mitigation 38,698 50,067 Annuity trust agreements 37,796 40,080 Contributions for buildings and equipment 37,955 34,463 Other 107,634 108,286	Faculty and staff salaries	865,140	838,654
Annuity trust agreements 37,796 40,080 Contributions for buildings and equipment 37,955 34,463 Other 107,634 108,286	Program support	634,812	578,566
Contributions for buildings and equipment37,95534,463Other107,634108,286	FEMA award for mitigation	38,698	50,067
Other <u>107,634</u> 108,286	Annuity trust agreements	37,796	40,080
	Contributions for buildings and equipment	37,955	34,463
Total net assets with donor restrictions \$ 4,737,073 \$ 5,112,901	Other	107,634	108,286
	Total net assets with donor restrictions	\$ 4,737,073	\$ 5,112,901

(in thousands of dollars)

NYU's investment pools include individual endowed funds established for a variety of purposes. Pooled assets include both donor restricted endowment funds and funds designated by the board to function as endowments.

NYU classifies as net assets with donor restrictions the historical value of donor-restricted endowment funds, which includes: (a) the original value of gifts donated to the permanent endowment, (b) the original value of subsequent gifts to the permanent endowment, and (c) accumulations to the permanent endowment required by the applicable donor gift instrument. Also included in net assets with donor restrictions is accumulated unspent earnings on donor restricted endowment funds which are available for expenditure in a manner consistent with the standard of prudence described by the New York Prudent Management of Institutional Funds Act (NYPMIFA), and deficiencies associated with funds where the value of the fund has fallen below the original value of the gift. The historical value of NYU's donor-restricted endowment funds totaled \$2,690,456 and \$2,565,794 at August 31, 2022 and 2021, respectively.

NYU defines the appropriation of endowment net assets for expenditure as the authorization of its investment spending rate as approved annually by the Board of Trustees (Note 5). However, when donors have expressly stipulated the payout percentage of earnings on endowments that differs from NYU policies, the donors' intent prevails. In making a determination to appropriate or accumulate, NYU adheres to the standard of prudence prescribed by NYPMIFA and considers the following factors: the duration and preservation of the endowment fund; NYU's mission and the purpose of the endowment fund; general economic conditions; the possible effect of inflation or deflation; the expected total return from income and the appreciation of investments; other resources of NYU; where appropriate and circumstances would otherwise warrant, alternatives to expenditures of the endowment fund giving due consideration to the effect that such alternatives may have on NYU; and the investment policy of NYU.

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the level that the donor required to be retained as a fund of perpetual duration. Deficiencies of this nature are reported in net assets with donor restrictions. As of August 31, 2022 and 2021, 117 funds and 5 funds, respectively, with original gift values of \$94,432 and \$350 were underwater by \$4,114 and \$34.

(in thousands of dollars)

All endowment funds included within net assets without donor restrictions are board-designated. The following table provides the changes in the net asset classes of NYU's endowment funds at August 31:

		2022	
	thout Donor estrictions	Vith Donor estrictions	Total
Investment pool net assets, beginning of year Contributions Investment pool return Endowment distribution Liquidations Investment pool net assets,	\$ 1,849,753 105,706 (175,386) (64,208) (3,715)	\$ 3,928,681 142,056 (342,708) (134,137) (8,656)	\$ 5,778,434 247,762 (518,094) (198,345) (12,371)
end of year	\$ 1,712,150	\$ 3,585,236	\$ 5,297,386
	thout Donor estrictions	With Donor Restrictions	Total
Investment pool net assets, beginning of year	\$ 1,593,729	\$ 3,111,869	\$ 4,705,598
Contributions Investment pool return Endowment distribution Liquidations Reclassification of net assets	 30,613 395,546 (59,335) (90,145) (20,655)	151,800 791,618 (126,569) (20,692) 20,655	182,413 1,187,164 (185,904) (110,837)
Investment pool net assets, end of year	\$ 1,849,753	\$ 3,928,681	\$ 5,778,434

18. Commitments and Contingencies

NYU has ongoing construction projects with contractual commitments totaling \$254,793 at August 31, 2022.

NYU is self-insured for workers' compensation. The University purchases an excess workers' compensation insurance policy with a retention of \$500 per claim and has maintained a surety bond in the amount of \$12,720 at August 31, 2022 and 2021. Additionally, NYU Langone Health has maintained stand-by letters of credit aggregating approximately \$79,670 and \$63,540 at August 31, 2022 and 2021, respectively.

NYU is a defendant in various legal actions arising from the normal course of its activities and amounts expended under government grants and contracts are subject to audit by governmental agencies. In addition, amounts received for patient care from Medicare and Medicaid are subject

(in thousands of dollars)

to audit. Although the final outcome of such actions and audits cannot be determined, management believes that eventual liability, if any, will not have a material effect on NYU's consolidated balance sheets.

19. Subsequent Events

NYU performed an evaluation of subsequent events through December 14, 2022, which is the date the consolidated financial statements were issued.

In November 2022, the Obligated Group entered into multiple finance leases in the New York Metro area with lease terms exceeding 30 years and discounted future payments totaling \$193,000.

Events Subsequent to Original Issuance of Financial Statements (Unaudited)

In connection with the reissuance of the consolidated financial statements, NYU has evaluated subsequent events through March 31, 2023, the date the consolidated financial statements were available to be reissued.

NYU Langone Hospitals and NYU sued their general contractor relating to unrecovered losses suffered from Superstorm Sandy, seeking damages. In January 2023, the litigation was resolved through a Settlement Agreement pursuant to which NYU Langone Hospitals and NYU will receive, in full settlement of all claims, approximately \$510,000.

As stated in Note 1, as of August 31, 2022, LICH was not in compliance with its debt service coverage ratio covenant. In January 2023, LICH requested and received bondholder consent to permanently remove the debt service coverage ratio covenant in return for an unsecured guaranty by NYU Langone Hospitals.

In March 2023, the University purchased a Luxembourg corporation for \$143,385 whose sole asset is a building at 265 Strand Street, London.

20. Financial Responsibility Ratios

NYU participates in federal Title IV student financial assistance programs, which require it to meet standards of financial responsibility based on criteria determined by the U.S. Department of Education (ED), as set forth in 34 CFR 668.171. The criteria for private institutions include the annual calculation by ED of a financial responsibility composite score, as further outlined in 34 CFR 668.172, using audited financial statements submitted through ED's eZ-Audit system. The composite score is based on three ratios: Primary Reserve, Equity, and Net Income.

These ratios utilize the following financial data of NYU, which are not otherwise presented in the consolidated financial statements or other notes to the financial statements, as of and for the year ended August 31, 2022:

(in thousands of dollars)

Required input per standards	Ratio(s) Uses	In	put Amount	Related financial statement amount not used as input on supplementary schedule
Property, plant and equipment, net - pre-implementation	Primary reserve	\$	9,049,021	
Property, plant and equipment, net - pre-implementation Property, plant and equipment, net - post-implementation	Primary reserve	Þ	9,049,021	
with outstanding debt for original purchase	,		1,439,462	
Property, plant and equipment, net - post-implementation	Primary reserve			
without outstanding debt for original purchase			828,202	
Construction in progress - post-implemntation	Primary reserve		2,207,402	
Total property, plant, and equipment, net	N/A			\$ 13,524,087
Long-term debt - for long-term purposes pre-implementation	Primary reserve	\$	6,836,457	
Long-term debt - for long-term purposes post-implementation	Primary reserve		2,686,919	
Line of Credit for Construction in progress		_	43,030	
Total long-term debt	Primary reserve	\$	9,566,406	
Net assets with donor restrictions: restricted by purpose or time				
Annuities and life income funds with donor restrictions	Primary reserve	\$	86,503	
Term endowments with donor restrictions	Primary reserve		4,449	
Net assets with donor restrictions: Other, for purpose or time	N/A		2.710.650	1,927,463
Net assets with donor restrictions: restricted in perpetuity Total net assets with donor restrictions	Primary reserve N/A		2,718,658	\$ 4,737,073
Total liet assets with donor restrictions	IVA			Ф 4,737,073
Unsecured related party receivable	Primary reserve; Equity	\$	94,373	
Inputs directly from the statement of activities				
Total expenses without donor restrictions (operating)	Primary reserve	\$	14,107,199	
Plus: non-operating expenses and other losses	Primary reserve		37,792	
Total expenses and losses without donor restrictions	Primary reserve	\$	14,144,991	
Total operating revenue and other additions	Net income	\$	14,825,125	
Less: investment return appropriated for spending	Net income		(64,208)	
Plus: non-operating revenues and other gains	Net income	_	412,307	
Total revenue and gains without donor restrictions	Net income	\$	15,173,224	

Supplemental Schodulas to	Appendix A	d Einanaial Statemento
Supplemental Schedules to	o the Consolidated	a Financiai Statements

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Balance Sheet for NYU - Summary) August 31, 2022

	2022							
		NYU		Consolidated				
(in thousands of dollars)	University	Langone Health	Eliminations	NYU				
Assets								
Cash and cash equivalents	\$ 1,376,923	\$ 1,637,641	\$ -	\$ 3,014,564				
Short-term investments (Note 5)	175,945	-	-	175,945				
Accounts and loans receivable, net (Note 6)	422,442	496,485	(71,078)	847,849				
Patient accounts receivable, net (Note 4)	7,134	1,208,586	-	1,215,720				
Contributions receivable, net (Note 7)	270,975	351,241	-	622,216				
Other assets (Note 8)	285,011	789,059	-	1,074,070				
Deposits with trustees (Note 9)	325,185	297,766	-	622,951				
Long-term investments (Note 5)	4,132,485	2,347,069	-	6,479,554				
Operating lease right to use asset (Note 11)	586,294	1,567,928	-	2,154,222				
Assets held for professional liabilities (Note 13)	-	950,996	-	950,996				
Land, buildings, and equipment, net (Note 10)	4,929,156	8,594,931		13,524,087				
Total assets	\$ 12,511,550	\$ 18,241,702	\$ (71,078)	\$ 30,682,174				
Liabilities and Net Assets								
Liabilities								
Accounts payable and accrued expenses	\$ 508,168	\$ 2,114,243	\$ (71,078)	\$ 2,551,333				
Deferred revenue	1,245,891	168,034	-	1,413,925				
Operating lease liability (Note 11)	619,501	1,697,485	-	2,316,986				
Professional liabilities (Note 13)	-	917,229	-	917,229				
Debt and other obligations (Note 12)	4,110,008	5,456,398	-	9,566,406				
Funds held for others (Notes 6 and 8)	152,149	341,330	-	493,479				
Accrued benefit obligation (Note 14)	9,018	389,700	-	398,718				
Accrued postretirement obligation (Note 14)	341,252	169,486	-	510,738				
Asset retirement obligation	204,476	82,571		287,047				
Total liabilities	7,190,463	11,336,476	(71,078)	18,455,861				
Net assets								
Without donor restrictions	2,198,755	5,290,485	-	7,489,240				
With donor restrictions (Note 17)	3,122,332	1,614,741		4,737,073				
Total net assets	5,321,087	6,905,226		12,226,313				
Total liabilities and net assets	\$ 12,511,550	\$ 18,241,702	\$ (71,078)	\$ 30,682,174				

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Balance Sheet for NYU - Summary) August 31, 2021

	NYU						Consolidated		
(in thousands of dollars)		University	La	ngone Health	Elii	minations		NYU	
Assets									
Cash and cash equivalents	\$	1,476,606	\$	1,863,589	\$	-	\$	3,340,195	
Short-term investments (Note 5)		193,532		-		-		193,532	
Accounts and loans receivable, net (Note 6)		362,326		462,687		(66,484)		758,529	
Patient accounts receivable, net (Note 4)		8,134		1,051,359		-		1,059,493	
Contributions receivable, net (Note 7)		325,497		312,607		-		638,104	
Other assets (Note 8)		294,423		781,008		-		1,075,431	
Deposits with trustees (Note 9)		417,183		449,289		-		866,472	
Long-term investments (Note 5)		4,441,775		2,652,091		-		7,093,866	
Operating lease right to use asset (Note 11)		625,365		1,529,634		-		2,154,999	
Assets held for professional liabilities (Note 13)		-		914,127		-		914,127	
Land, buildings, and equipment, net (Note 10)		4,680,356		8,220,337				12,900,693	
Total assets	\$	12,825,197	\$	18,236,728	\$	(66,484)	\$	30,995,441	
Liabilities and Net Assets									
Liabilities									
Accounts payable and accrued expenses	\$	455,436	\$	2,388,820	\$	(66,484)	\$	2,777,772	
Deferred revenue		1,175,206		152,383		-		1,327,589	
Operating lease liability (Note 11)		655,402		1,639,684		-		2,295,086	
Professional liabilities (Note 13)		-		847,910		-		847,910	
Debt and other obligations (Note 12)		4,237,015		5,403,896		-		9,640,911	
Funds held for others (Notes 6 and 8)		168,944		364,179		-		533,123	
Accrued benefit obligation (Note 14)		21,802		515,645		-		537,447	
Accrued postretirement obligation (Note 14)		419,573		213,137		-		632,710	
Asset retirement obligation		198,551		155,301				353,852	
Total liabilities		7,331,929		11,680,955		(66,484)		18,946,400	
Net assets									
Without donor restrictions		2,057,276		4,878,864		-		6,936,140	
With donor restrictions (Note 17)		3,435,992		1,676,909		-		5,112,901	
Total net assets		5,493,268		6,555,773				12,049,041	
Total liabilities and net assets	\$	12,825,197	\$	18,236,728	\$	(66,484)	\$	30,995,441	

New York University
Supplemental Schedule to the Consolidated Financial Statements
(Consolidating Balance Sheet for NYU - Detail)
August 31, 2022

				2022			
(in thousands of dollars)	University	NYU Schools of Medicine	Eliminations	Subtotal	Health System	Eliminations	Total Consolidated NYU
Assets							
Cash and cash equivalents	\$ 1,376,923	\$ 47,346	\$ -	\$ 1,424,269	\$ 1,590,295	\$ -	\$ 3,014,564
Short-term investments (Note 5)	175,945	-	-	175,945	-	<u>-</u>	175,945
Accounts and loans receivable, net (Note 6)	422,442	199,319	(49,739)	572,022	355,756	(79,929)	847,849
Patient accounts receivable, net (Note 4)	7,134	146,025	-	153,159	1,062,561	-	1,215,720
Contributions receivable, net (Note 7)	270,975	123,181	-	394,156	228,060	-	622,216
Other assets (Note 8)	285,011	393,939	-	678,950	395,120	-	1,074,070
Deposits with trustees (Note 9)	325,185	-	-	325,185	297,766	-	622,951
Long-term investments (Note 5)	4,132,485	1,185,739	-	5,318,224	1,161,330	-	6,479,554
Operating lease right to use asset (Note 11)	586,294	1,019,076	-	1,605,370	548,852	-	2,154,222
Assets held for professional liabilities (Note 13)	- -	<u>-</u>	-	<u>-</u>	950,996	-	950,996
Land, buildings, and equipment, net (Note 10)	4,929,156	3,499,330	·	8,428,486	5,095,601		13,524,087
Total assets	\$ 12,511,550	\$ 6,613,955	\$ (49,739)	\$ 19,075,766	\$ 11,686,337	\$ (79,929)	\$ 30,682,174
Liabilities and Net Assets							
Liabilities							
Accounts payable and accrued expenses	\$ 508,168	\$ 872,494	\$ (49,739)	\$ 1,330,923	\$ 1,300,339	\$ (79,929)	\$ 2,551,333
Deferred revenue	1,245,891	42,111	-	1,288,002	125,923	-	1,413,925
Operating lease liability (Note 11)	619,501	1,097,812	-	1,717,313	599,673	-	2,316,986
Professional liabilities (Note 13)	-	-	-	-	917,229	-	917,229
Debt and other obligations (Note 12)	4,110,008	2,134,732	-	6,244,740	3,321,666	-	9,566,406
Funds held for others (Notes 6 and 8)	152,149	300,743	-	452,892	40,587	-	493,479
Accrued benefit obligation (Note 14)	9,018	-	-	9,018	389,700	-	398,718
Accrued postretirement obligation (Note 14)	341,252	95,558	-	436,810	73,928	-	510,738
Asset retirement obligation	204,476	23,043	<u> </u>	227,519	59,528		287,047
Total liabilities	7,190,463	4,566,493	(49,739)	11,707,217	6,828,573	(79,929)	18,455,861
Net assets							
Without donor restrictions	2,198,755	828,790	-	3,027,545	4,461,695	_	7,489,240
With donor restrictions (Note 17)	3,122,332	1,218,672		4,341,004	396,069		4,737,073
Total net assets	5,321,087	2,047,462		7,368,549	4,857,764		12,226,313
Total liabilities and net assets	\$ 12,511,550	\$ 6,613,955	\$ (49,739)	\$ 19,075,766	\$ 11,686,337	\$ (79,929)	\$ 30,682,174

The accompanying note is an integral part of these supplemental schedules.

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Balance Sheet for NYU - Detail) August 31, 2021

				2021			
(in thousands of dollars)	University	NYU Schools of Medicine	Eliminations	Subtotal	Health System	Eliminations	Total Consolidated NYU
Assets							
Cash and cash equivalents	\$ 1,476,606	\$ 58,416	\$ -	\$ 1,535,022	\$ 1,805,173	\$ -	\$ 3,340,195
Short-term investments (Note 5)	193,532	-	-	193,532	-	-	193,532
Accounts and loans receivable, net (Note 6)	362,326	216,598	(47,137)	531,787	393,790	(167,048)	758,529
Patient accounts receivable, net (Note 4)	8,134	154,934	-	163,068	896,425	-	1,059,493
Contributions receivable, net (Note 7)	325,497	117,143	-	442,640	195,464	-	638,104
Other assets (Note 8)	294,423	408,412	-	702,835	372,596	-	1,075,431
Deposits with trustees (Note 9)	417,183	-	-	417,183	449,289	-	866,472
Long-term investments (Note 5)	4,441,775	1,315,669	-	5,757,444	1,336,422	-	7,093,866
Operating lease right to use asset (Note 11)	625,365	987,477	-	1,612,842	542,157	-	2,154,999
Assets held for professional liabilities (Note 13)	-	-	-	-	914,127	-	914,127
Land, buildings, and equipment, net (Note 10)	4,680,356	3,449,620		8,129,976	4,770,717		12,900,693
Total assets	\$ 12,825,197	\$ 6,708,269	\$ (47,137)	\$ 19,486,329	\$ 11,676,160	\$ (167,048)	\$ 30,995,441
Liabilities and Net Assets							
Liabilities							
Accounts payable and accrued expenses	\$ 455,436	\$ 930,761	\$ (47,137)	\$ 1,339,060	\$ 1,605,760	\$ (167,048)	\$ 2,777,772
Deferred revenue	1,175,206	37,102	-	1,212,308	115,281	-	1,327,589
Operating lease liability (Note 11)	655,402	1,053,265	-	1,708,667	586,419	-	2,295,086
Professional liabilities (Note 13)	-	-	-	-	847,910	-	847,910
Debt and other obligations (Note 12)	4,237,015	2,175,076	-	6,412,091	3,228,820	-	9,640,911
Funds held for others (Notes 6 and 8)	168,944	319,626	-	488,570	44,553	-	533,123
Accrued benefit obligation (Note 14)	21,802	-	-	21,802	515,645	-	537,447
Accrued postretirement obligation (Note 14)	419,573	119,513	-	539,086	93,624	-	632,710
Asset retirement obligation	198,551	52,193		250,744	103,108		353,852
Total liabilities	7,331,929	4,687,536	(47,137)	11,972,328	7,141,120	(167,048)	18,946,400
Net assets							
Without donor restrictions	2,057,276	718,483	_	2,775,759	4,160,381	_	6,936,140
With donor restrictions (Note 17)	3,435,992	1,302,250	-	4,738,242	374,659	-	5,112,901
Total net assets	5,493,268	2,020,733		7,514,001	4,535,040	-	12,049,041
Total liabilities and net assets	\$ 12,825,197	\$ 6,708,269	\$ (47,137)	\$ 19,486,329	\$ 11,676,160	\$ (167,048)	\$ 30,995,441

The accompanying note is an integral part of these supplemental schedules.

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Statement of Activities for NYU - Summary) Year Ended August 31, 2022

	2022										
				NYU			Co	nsolidated			
(in thousands of dollars)	U	Iniversity	Lan	gone Health	Elimin	ations		NYU			
Changes in net assets without donor restrictions											
Operating revenues											
Tuition and fees (net of financial aid awards of \$827,239 University; \$25,033											
NYU Langone Health)	\$	2,408,966	\$	43,755	\$	-	\$	2,452,721			
Grants and contracts (Note 2)		736,715		654,556		-		1,391,271			
Patient care (Note 4)		49,154		8,813,683		-		8,862,837			
Hospital affiliations (Note 15) Insurance premiums earned		-		448,827 108,014		-		448,827 108,014			
Contributions		36.946		37,469		-		74,415			
Endowment distribution (Note 5)		153,281		45,064		-		198,345			
Return on short-term investments (Note 5)		9,791		35,366		_		45,157			
Auxiliary enterprises (net of financial aid awards of \$70,701)		339,752		47,219		(4,866)		382,105			
Program fees and other		47,714		648,136		(7,913)		687,937			
Net assets released from restrictions		110,711		62,785		-		173,496			
Total operating revenues		3,893,030		10,944,874		12,779)	_	14,825,125			
Expenses (Note 16)		0,000,000		10,011,011		.2,		,020,120			
Salaries and fringe		2,123,823		6,270,840		_		8,394,663			
Medical and pharmaceutical costs		-,, -		1,477,431		_		1,477,431			
Professional services		288,469		448,711		-		737,180			
Facilities costs		379,607		529,502		(4,866)		904,243			
Fees, insurance and taxes		53,285		407,165		-		460,450			
Depreciation and amortization		260,521		685,390		-		945,911			
Interest		156,654		211,993		-		368,647			
Other		339,124		487,463		(7,913)		818,674			
Total expenses		3,601,483		10,518,495	(12,779)		14,107,199			
Excess of operating revenues over expenses		291,547		426,379		-		717,926			
Nonoperating activities											
Investment return (Note 5)		(148,564)		(326,569)		-		(475,133)			
Appropriation of endowment distribution (Note 5)		(54,751)		(9,457)		-		(64,208)			
Pension and postretirement nonservice costs (Note 14)		3,720		22,451		-		26,171			
Changes in pension and postretirement obligations (Note 14)		80,641		190,438		-		271,079			
Net assets released from restrictions for capital		8,225		11,990		-		20,215			
Non-clinical COVID costs (Note 2)		(37,792)		-		-		(37,792)			
Other		(1,547)		96,389				94,842			
Increase in net assets without donor restrictions		141,479		411,621				553,100			
Changes in net assets with donor restrictions											
Contributions		162,011		137,792		-		299,803			
Investment return (Note 5)		(245,069)		(94,172)		-		(339,241)			
Appropriation of endowment distribution (Note 5) Other		(98,530)		(35,607)		-		(134,137)			
Other Net assets released from restrictions		(13,136) (118,936)		4,594 (74,775)		-		(8,542) (193,711)			
					-	<u> </u>					
Decrease in net assets with donor restrictions	_	(313,660)	_	(62,168)			_	(375,828)			
(Decrease) increase in net assets	\$	(172,181)	\$	349,453	\$		\$	177,272			

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Statement of Activities for NYU - Summary) Year Ended August 31, 2021

	2021									
				NYU			Co	nsolidated		
(in thousands of dollars)	U	niversity	Lang	one Health	Elimina	tions		NYU		
Changes in net assets without donor restrictions										
Operating revenues										
Tuition and fees (net of financial aid awards of \$800,629 University; \$25,033										
NYU Langone Health)	\$	2,063,896	\$	43,774	\$	-	\$	2,107,670		
Grants and contracts (Note 2)		641,139		552,457		-		1,193,596		
Patient care (Note 4)		43,563		8,119,353		-		8,162,916		
Hospital affiliations (Note 15)		-		415,355		-		415,355		
Insurance premiums earned		-		106,708		-		106,708		
Contributions		21,550		45,693		-		67,243		
Endowment distribution (Note 5)		144,624		41,280		-		185,904		
Return on short-term investments (Note 5)		4,607		28,845		-		33,452		
Auxiliary enterprises (net of financial aid awards of \$47,077)		194,653		48,961	,	4,987)		238,627		
Program fees and other		186,233		708,943	(6,992)		888,184		
Net assets released from restrictions		62,830		72,086				134,916		
Total operating revenues		3,363,095	1	0,183,455	(1	1,979)	_	13,534,571		
Expenses (Note 16)										
Salaries and fringe		1,961,502		5,862,930		-		7,824,432		
Medical and pharmaceutical costs		-		1,356,236		-		1,356,236		
Professional services		236,746		364,496	,	-		601,242		
Facilities costs		336,813		498,558	(4,987)		830,384		
Fees, insurance and taxes		42,964		368,091		-		411,055		
Depreciation and amortization Interest		260,942 155,781		641,398 212,371		-		902,340 368,152		
Other		239,733		479,616	,	6,992)		712,357		
Total expenses		3.234.481		9,783,696		1,979)	_	13,006,198		
Excess of operating revenues over expenses		128.614		399.759		-	_	528,373		
		.20,0		000,100				020,0.0		
Nonoperating activities		244 000		222 047				E72 007		
Investment return (Note 5)		341,080		232,017		-		573,097		
Appropriation of endowment distribution (Note 5) Pension and postretirement nonservice costs (Note 14)		(51,076) (10,285)		(8,259) 16,562		-		(59,335) 6,277		
Changes in pension and postretirement obligations (Note 14)		162,908		236,945		_		399.853		
Net assets released from restrictions for capital		102,300		8.415		-		19.140		
Non-clinical COVID costs (Note 2)		(110,482)		0,410		_		(110,482)		
Other		(65,065)		13,567		_		(51,498)		
Increase in net assets without donor restrictions		406.419		899.006		_		1.305.425		
Changes in net assets with donor restrictions	-				-			, ,		
Contributions		299,776		306,337				606,113		
Investment return (Note 5)		573,231		222,148		-		795,379		
Appropriation of endowment distribution (Note 5)		(93,548)		(33,021)		_		(126,569)		
Other		21,657		2,829		_		24,486		
Net assets released from restrictions		(73,555)		(80,501)		_		(154,056)		
Increase in net assets with donor restrictions		727,561		417,792		_		1,145,353		
Increase in net assets	\$ 1,133,9		\$	1,316,798	\$ -		\$	2,450,778		

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Statement of Activities for NYU - Detail) Year Ended August 31, 2022

				2022			
(in thousands of dollars)	University	NYU Schools of Medicine	Eliminations	Subtotal	Health System	Eliminations	Total Consolidated NYU
Changes in net assets without donor restrictions							
Operating revenues							
Tuition and fees (net of financial aid awards of \$827,239 University; and \$25,033							
NYU Langone Health)	\$ 2,408,966	\$ 43,253	\$ -	\$ 2,452,219	\$ 502	\$ -	\$ 2,452,721
Grants and contracts (Note 2)	736,715	641,069	-	1,377,784	13,487	-	1,391,271
Patient care (Note 4)	49,154	2,997,408	-	3,046,562	6,651,470	(835,195)	8,862,837
Hospital affiliations (Note 15)	-	421,490	-	421,490	27,337	-	448,827
Insurance premiums earned			-		108,014	-	108,014
Contributions	36,946	22,548	-	59,494	14,921	-	74,415
Endowment distribution (Note 5)	153,281 9,791	43,074 1	-	196,355 9.792	1,990	-	198,345 45,157
Return on short-term investments (Note 5)	339.752	25.839	(4.000)	360.725	35,365 21.380	-	45,157 382.105
Auxiliary enterprises (net of financial aid awards of \$70,701) Program fees and other	47,714	25,839 329,765	(4,866)	369,725	685,842	(267.471)	687,937
Net assets released from restrictions	110,711	43,646	(7,913)	154,357	19,139	(367,471)	173,496
Total operating revenues	3,893,030	4,568,093	(12,779)	8,448,344	7,579,447	(1,202,666)	14,825,125
Expenses (Note 16)	0.400.000	0.000.040		5 540 005	0.000.004	(54.000)	0.004.000
Salaries and fringe	2,123,823	3,392,242	-	5,516,065	2,932,604	(54,006)	8,394,663
Medical and pharmaceutical costs	200 400	91,038 202,780	-	91,038 491,249	1,386,393	(4.040.504)	1,477,431 737,180
Professional services Facilities costs	288,469 379.607	202,780 289.206	(4.000)	491,249 663.947	1,295,512 240,296	(1,049,581)	737,180 904.243
Fees, insurance and taxes	53,285	289,206	(4,866)	332,570	127,880	-	904,243 460.450
Depreciation and amortization	260,521	244,228	-	504.749	441,162	-	945.911
Interest	156.654	84,518	-	241.172	127.475		368.647
Other	339,124	222,997	(7,913)	554,208	363,545	(99,079)	818,674
Total expenses	3.601.483	4,806,294	(12,779)	8.394.998	6,914,867	(1,202,666)	14,107,199
Excess (deficiency) of operating revenues over expenses	291.547	(238,201)	(12,113)	53.346	664.580	(1,202,000)	717,926
Nonoperating activities		(===,===)		,	,		,
Investment return (Note 5)	(148,564)	(32,541)		(181,105)	(294,028)		(475,133)
Appropriation of endowment distribution (Note 5)	(54,751)	(9,295)	_	(64,046)	(162)	_	(64,208)
Pension and postretirement nonservice costs (Note 14)	3.720	4.461	_	8,181	17.990	_	26,171
Changes in pension and postretirement obligations (Note 14)	80.641	29.177	_	109.818	161,261	_	271.079
Net assets released from restrictions for capital	8,225	2,787	-	11,012	9,203	-	20,215
Non-clinical COVID costs (Note 2)	(37,792)	-	-	(37,792)	-	-	(37,792)
Other	(1,547)	303,919	-	302,372	(207,530)	-	94,842
Mission based payment		50,000		50,000	(50,000)		
Increase in net assets without donor restrictions	141,479	110,307		251,786	301,314		553,100
Changes in net assets with donor restrictions							
Contributions	162,011	82,840	-	244,851	54,952	-	299,803
Investment return (Note 5)	(245,069)	(88,164)	-	(333,233)	(6,008)	-	(339,241)
Appropriation of endowment distribution (Note 5)	(98,530)	(33,779)	-	(132,309)	(1,828)	-	(134,137)
Other	(13,136)	1,958	-	(11,178)	2,636	-	(8,542)
Net assets released from restrictions	(118,936)	(46,433)		(165,369)	(28,342)		(193,711)
(Decrease) increase in net assets with donor restrictions	(313,660)	(83,578)		(397,238)	21,410		(375,828)
(Decrease) increase in net assets	\$ (172,181)	\$ 26,729	\$ -	\$ (145,452)	\$ 322,724	\$ -	\$ 177,272
	-						

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Statement of Activities for NYU - Detail) Year Ended August 31, 2021

				2021			
(in thousands of dollars)	University	NYU Schools of Medicine	Eliminations	Subtotal	Health System	Eliminations	Total Consolidated NYU
Changes in net assets without donor restrictions							
Operating revenues							
Tuition and fees (net of financial aid awards of \$800,629 University; and \$25,033							
NYU Langone Health)	\$ 2,063,896	\$ 43,556	\$ -		\$ 218	\$ -	\$ 2,107,670
Grants and contracts (Note 2)	641,139	528,718	-	1,169,857	23,739	-	1,193,596
Patient care (Note 4)	43,563	2,771,573	-	2,815,136	6,168,438	(820,658)	8,162,916
Hospital affiliations (Note 15)	-	388,202	-	388,202	27,153	-	415,355
Insurance premiums earned	-	-	-	-	106,708	-	106,708
Contributions	21,550	37,032	-	58,582	8,661	-	67,243
Endowment distribution (Note 5)	144,624	39,865	-	184,489	1,415	-	185,904
Return on short-term investments (Note 5)	4,607	-	-	4,607	28,845	-	33,452
Auxiliary enterprises (net of financial aid awards of \$47,077)	194,653	25,683	(4,987)	215,349	23,278	-	238,627
Program fees and other	186,233	337,173	(6,992)	516,414	679,019	(307,249)	888,184
Net assets released from restrictions	62,830	54,805		117,635	17,281		134,916
Total operating revenues	3,363,095	4,226,607	(11,979)	7,577,723	7,084,755	(1,127,907)	13,534,571
Expenses (Note 16)							
Salaries and fringe	1,961,502	3,198,530	-	5,160,032	2,708,229	(43,829)	7,824,432
Medical and pharmaceutical costs	-	83,887	-	83,887	1,272,349	-	1,356,236
Professional services	236,746	142,476	-	379,222	1,217,337	(995,317)	601,242
Facilities costs	336,813	265,348	(4,987)	597,174	233,210	-	830,384
Fees, insurance and taxes	42,964	229,609	-	272,573	138,482	-	411,055
Depreciation and amortization	260,942	220,015	-	480,957	421,383	-	902,340
Interest	155,781	83,560	-	239,341	128,811	-	368,152
Other	239,733	191,845	(6,992)	424,586	376,532	(88,761)	712,357
Total expenses	3,234,481	4,415,270	(11,979)	7,637,772	6,496,333	(1,127,907)	13,006,198
Excess (deficiency) of operating revenues over expenses	128,614	(188,663)	-	(60,049)	588,422	-	528,373
Nonoperating activities							
Investment return (Note 5)	341,080	58,211	-	399,291	173,806	-	573,097
Appropriation of endowment distribution (Note 5)	(51,076)	(8,106)	-	(59,182)	(153)	-	(59,335)
Pension and postretirement nonservice costs (Note 14)	(10,285)	(7,977)	-	(18,262)	24,539	-	6,277
Changes in pension and postretirement obligations (Note 14)	162,908	44,706	-	207,614	192,239	-	399,853
Net assets released from restrictions for capital	10,725	4,574	-	15,299	3,841	-	19,140
Non-clinical COVID costs (Note 2)	(110,482)	-	-	(110,482)	-	-	(110,482)
Other	(65,065)	35,626	-	(29,439)	(22,059)	-	(51,498)
Mission based payment	<u> </u>	50,000		50,000	(50,000)		
Increase (decrease) in net assets without donor restrictions	406,419	(11,629)		394,790	910,635		1,305,425
Changes in net assets with donor restrictions							
Contributions	299,776	86,427	-	386,203	219,910	-	606,113
Investment return (Note 5)	573,231	210,854	-	784,085	11,294	-	795,379
Appropriation of endowment distribution (Note 5)	(93,548)	(31,759)	-	(125,307)	(1,262)	-	(126,569)
Other	21,657	(15,592)	-	6,065	18,421	-	24,486
Net assets released from restrictions	(73,555)	(59,379)		(132,934)	(21,122)		(154,056)
Increase in net assets with donor restrictions	727,561	190,551		918,112	227,241		1,145,353
Increase in net assets	\$ 1,133,980	\$ 178,922	\$ -	\$ 1,312,902	\$ 1,137,876	\$ -	\$ 2,450,778

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Statement of Cash Flows for NYU – Summary) Year Ended August 31, 2022

				202	22			
				NYU			Co	onsolidated
(in thousands of dollars)	1	University	Lan	gone Health	Elimi	nations		NYU
Cash flows from operating activities								
Change in net assets	\$	(172,181)	\$	349,453	\$	-	\$	177,272
Adjustments to reconcile change in net assets to net								
cash provided by operating activities		000 504		005.000				045.044
Depreciation and amortization		260,521		685,390		-		945,911
Loss (gain) on sale or disposal of land, buildings and equipment Net loss on investments,deposits with trustees and split-interest agreements		353 442,371		(554) 450,648		-		(201) 893,019
Bad debt expense		16,550		1,857		-		18,407
Pension and postretirement obligation change		(80,641)		(190,438)		-		(271,079)
Contributions received for permanent investment and capital		(86,290)		(27,319)		_		(113,609)
Proceeds from insurance recovery for capital and FEMA award for future mitigation		(00,200)		(1,236)		_		(1,236)
Amortization of operating right to use assets		113,573		151,751		-		265,324
Acquisition of Long Island Community Hospital		· -		(105,967)		-		(105,967)
Changes in operating assets and liabilities				, , ,				, , ,
Increase in accounts and loans receivable, net		(72,060)		(22,767)		4,594		(90,233)
Decrease (increase) in patient accounts receivable		1,000		(130,017)		-		(129,017)
Decrease (increase) in nonendowment and noncapital contributions receivable		49,916		(40,491)		-		9,425
Increase in other assets		(12,908)		(18,832)		-		(31,740)
Decrease in asset retirement obligation		(4,561)		(11,704)		-		(16,265)
Increase (decrease) in accounts payable and accrued expenses		22,494		(407,696)		(4,594)		(389,796)
Decrease in operating lease liability		(110,403)		(141,911)		-		(252,314)
Increase in professional liabilities		-		45,374		-		45,374
Increase in deferred revenue		70,685		15,651		-		86,336
(Decrease) increase in accrued benefit obligation		(11,524)		10,072		-		(1,452)
Increase in accrued postretirement obligation		1,060		10,770				11,830
Net cash provided by operating activities		427,955		622,034			_	1,049,989
Cash flows from investing activities								
Purchases of investments		(1,345,486)		(1,926,345)		-		(3,271,831)
Sales and maturities of investments		1,127,052		1,824,770		-		2,951,822
Drawdowns of unexpended bond proceeds		87,603				-		87,603
Additions to land, buildings, and equipment		(490,435)		(886,591)		-		(1,377,026)
Cash from acquisition of Long Island Community Hospital		-		86,068		-		86,068
Proceeds from insurance recovery for capital		-		45				45
Net cash used in investing activities	_	(621,266)		(902,053)			_	(1,523,319)
Cash flows from financing activities								
Contributions restricted for permanent investment and capital		86,290		27,319		-		113,609
Proceeds from FEMA award for future mitigation		-		1,191		-		1,191
Proceeds from short-term borrowings		-		-		-		-
Proceeds from long-term borrowings		(405.075)		38,870		-		38,870
Principal payments on long-term borrowings		(105,275)		(126,344)		-		(231,619)
Line of credit repayments Payments of deferred financing costs		-		-		-		-
Decrease in funds held for others		(5,590)		_		_		(5,590)
				(F0.004)			_	
Net cash used in financing activities	_	(24,575)		(58,964)			_	(83,539)
Net decrease in cash		(217,886)		(338,983)		-		(556,869)
Cash, cash equivalents and restricted cash		1 711 614		2 210 501				2 020 105
Beginning of year End of year	•	1,711,614 1,493,728	\$	2,218,581 1,879,598	<u>¢</u>	<u>-</u>	\$	3,930,195 3,373,326
•	φ	1,493,720	φ	1,079,390	\$	<u> </u>	φ	3,373,320
Supplemental disclosure of cash flow information		100.077	æ	000 004	¢.		¢	205 400
Interest paid	\$	162,077	\$	223,091	\$	-	\$	385,168
Change in noncash acquisitions of land, buildings, and equipment Right-of-use assets obtained		30,238		29,859		-		60,097
In exchange for new operating lease obligations		53,179		196,091		_		249,270
In exchange for new finance lease obligations		55,175		50,243		-		50,243
S.S. a. go for non infanto todos obligations		-		55,245		-		55,240

The accompanying note is an integral part of these supplemental schedules.

New York University Supplemental Schedule to the Consolidated Financial Statements (Consolidating Statement of Cash Flows for NYU – Summary) Year Ended August 31, 2021

		202	21	
College and a California		NYU	PP	Consolidated
(in thousands of dollars)	University	Langone Health	Eliminations	NYU
Cash flows from operating activities				
Change in net assets	\$ 1,133,980	\$ 1,316,798	\$ -	\$ 2,450,778
Adjustments to reconcile change in net assets to net				
cash provided by operating activities	000 040	044.000		000 040
Depreciation and amortization	260,942	641,398	-	902,340
Loss on sale or disposal of land, buildings and equipment	292	69	-	361
Net gain on investments and deposits with trustees	(882,330)	(446,272)	-	(1,328,602)
Bad debt expense	19,131	2,399	-	21,530
Pension and postretirement obligation change	(162,908)	(236,945)	-	(399,853)
Contributions received for permanent investment and capital	(83,773)	(35,966)	-	(119,739)
Proceeds from insurance recovery for capital and FEMA award for future mitigation Amortization of operating right to use assets	105,555	(4,793) 162,120	-	(4,793) 267,675
Changes in operating assets and liabilities	100,000	102,120	-	201,013
Decrease (increase) in accounts and loans receivable, net	54.587	(102,823)	(45,773)	(94,009)
Increase in patient accounts receivable	(300)	(211,939)	(43,773)	(212,239)
Increase in patient accounts receivable Increase in nonendowment and noncapital contributions receivable	(80,234)	(165,266)	_	(245,500)
Increase in other assets	(5,815)	(25,176)		(30,991)
Decrease in asset retirement obligation	(3,013)	(980)	_	(980)
Increase in accounts payable and accrued expenses	45.102	257,976	45.773	348,851
Decrease in operating lease liability	(98,156)	(142,338)	-10,770	(240,494)
Increase in professional liabilities	(00,100)	77,169	_	77,169
Increase (decrease) in deferred revenue	341,712	(25,348)	_	316,364
Decrease in accrued benefit obligation	(2,633)	(34,879)	_	(37,512)
Increase in accrued postretirement obligation	11,349	17,756	_	29,105
Net cash provided by operating activities	656,501	1,042,960		1,699,461
, , , ,	030,301	1,042,300		1,033,401
Cash flows from investing activities	(4 =00 404)	(0.450.455)		(4.000.050)
Purchases of investments	(1,786,404)	(2,452,455)	-	(4,238,859)
Sales and maturities of investments	1,439,265	2,227,830	-	3,667,095
Drawdowns of unexpended bond proceeds	376,744	(000 707)	-	376,744
Additions to land, buildings, and equipment	(412,692)	(630,737)	-	(1,043,429)
Proceeds from insurance recovery for capital		100		100
Net cash used in investing activities	(383,087)	(855,262)		(1,238,349)
Cash flows from financing activities				
Contributions restricted for permanent investment and capital	83,773	35,966	-	119,739
Proceeds from FEMA award for future mitigation	-	4,693	-	4,693
Proceeds from short-term borrowings	200,000	-	-	200,000
Proceeds from long-term borrowings	246,932	88,370	-	335,302
Principal payments on long-term borrowings	(141,024)	(135,561)	-	(276,585)
Line of credit repayments	(450,000)	-	-	(450,000)
Payments of deferred financing costs	(1,153)	-	-	(1,153)
Decrease in funds held for others	(5,983)			(5,983)
Net cash used in financing activities	(67,455)	(6,532)		(73,987)
Net increase in cash	205,959	181,166	-	387,125
Cash, cash equivalents and restricted cash				
Beginning of year	1,505,655	2,037,415		3,543,070
End of year	\$ 1,711,614	\$ 2,218,581	\$ -	\$ 3,930,195
Supplemental disclosure of cash flow information				
Interest paid	\$ 160,531	\$ 226,535	\$ -	\$ 387,066
Change in noncash acquisitions of land, buildings, and equipment	1,989	(119,918)	-	(117,929)
Right-of-use assets obtained		, , ,		, , ,
In exchange for new operating lease obligations	34,846	113,668	-	148,514
In exchange for new finance lease obligations	843	808,975	-	809,818

New York University Note to Consolidating Supplemental Schedules August 31, 2022 and 2021

1. Basis of Presentation - Consolidating Supplemental Schedules

The consolidating supplemental schedules (consolidating information) presented on pages 48-57 was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The consolidating information is presented for purposes of additional analysis of the consolidated financial statements rather than to present the financial position, changes in net assets and cash flows of the individual companies within NYU and is not a required part of the consolidated financial statements. The individual reporting entities within NYU as presented within the consolidating information are disclosed within Note 1 to the consolidated financial statements.

The consolidating financial statements were prepared on an accrual basis of accounting, consistent with the consolidated financial statements (Note 2). All transactions between and amounts due to (from) the reporting entities within NYU have been eliminated within the consolidating supplemental schedules.

Part II
Supplemental Schedule of Expenditures of Federal Awards

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
Research & Development	Cluster:							
	U.S. Department of Agriculture (USDA)							
	Agricultural Research_Basic and Applied Research	10.001 \$	82,330	\$ -			\$ 82,330	\$ -
	Organic Agriculture Research and Extension Initiative	10.307	77,431	-			77,431	9,350
	Agriculture and Food Research Initiative (AFRI)	10.310	840,010				840,010	197,158
	Agriculture and Food Research Initiative (AFRI)	10.310	96,145				96,145	26,135
	Agriculture and Food Research Initiative (AFRI)	10.310		92,280	Iowa State University	024408G Amd 01	92,280	-
	Cooperative Extension Service	10.500	1,428,610				1,428,610	
	Cooperative Extension Service	10.500	-	156,963	Pennsylvania State University	S001734-USDA	156,963	
	State Agency: Farm to School Program Training and Curricula	10.531		85,704	National Center for Appropriate Technology	Amendment 1	85,704	
	Total U.S. Department of Agriculture (USDA)	_	2,524,526	334,947			2,859,473	232,643
	U.S. Department of Commerce							
	Climate and Atmospheric Research	11.431	189,157				189,157	-
	Center for Sponsored Coastal Ocean Research Coastal Ocean Program	11.478	-	120,491	Mote Marine Laboratory and Aquarium	193-549-4	120,491	-
	Multi Modal Robot-Assisted Visual Localization System for first responders	11.RD	-	4,780	Indiana University	Phase II	4,780	
	Total U.S. Department of Commerce	<u> </u>	189,157	125,271			314,428	
	U.S. Department of Defense (DOD)							
	Type A: Multi-level randomized algorithms for high-frequency wave propagation	12.RD	164,561	-			164,561	-
	Basic and Applied Scientific Research	12.300	3,215,853				3,215,853	1,026,520
	Basic and Applied Scientific Research	12.300	-	33,465	City University of New York	CM00005538-00	33,465	
	Basic and Applied Scientific Research	12.300	-	6,338	Columbia University	1(GG012619) Amd 05	6,338	
	Basic and Applied Scientific Research	12.300	-	(3,038)	Purdue University	13000477-011 Amd 9	(3,038)	-
	Basic and Applied Scientific Research	12.300	-	247,445	Texas A&M Engineering Experiment Station	M1801652 Amd 006	247,445	-
	Basic and Applied Scientific Research	12.300	-	33,096	University of California Davis	A17-0260-S003	33,096	-
	Basic and Applied Scientific Research	12.300	-	228,700	University of Nebraska Lincoln	25-0509-0202-004 A04	228,700	-
	Military Medical Research and Development	12.420	4,950,205	-			4,950,205	359,716
	Military Medical Research and Development	12.420	1,445,300	-			1,445,300	6,181
	Military Medical Research and Development	12.420	-	43,824	Montefiore Medical Center	321168	43,824	-
	Military Medical Research and Development	12.420	-	32,988	Oregon Health & Science University	1019348_NYU	32,988	-
	Military Medical Research and Development	12.420	-	98,390	Thomas Jefferson University	080-27000-X17501	98,390	-
	Military Medical Research and Development	12.420	-	45,062	University of Alabama at Birmingham	000516840-009-T001	45,062	-
	Military Medical Research and Development	12.420	-	(79)	University of Alabama at Birmingham	000516840-SC009-T002	(79)	-
	Military Medical Research and Development	12.420	-	6,456	University of Pittsburgh	CNVA00056666 (413614-21)	6,456	-
	Military Medical Research and Development	12.420	-	10,987	University of Connecticut Health Center	436326	10,987	-
	Military Medical Research and Development	12.420	-	277,978	Wright State University	670766-1 / W81XWH1820027	277,978	-
	Basic Scientific Research	12.431	1,132,910	-			1,132,910	-
	Basic Scientific Research	12.431	-	(27)	Luna, Inc.	333202NYU	(27)	
	Basic Scientific Research	12.431	-	(487)	Research Foundation of CUNY on behalf of City University of New York	CM00002270 NCE	(487)	
	Basic Scientific Research	12.431	-	81,177	University of Chicago	AWD101110 (SUB00000271) A02	81,177	-
	Basic Scientific Research	12.431	-	42,637	University of Maryland	110193-Z8470203	42,637	-
	Basic Scientific Research	12.431	-	14,047	University of Maryland	60590-Z8078201 Amd C	14,047	
	Basic Scientific Research	12.431	-	185,058	University of Southern California	79573913 A09	185,058	
	Basic, Applied, and Advanced Research in Science and Engineering	12.630	-	6,000	Rochester Institute of Technology	Agreement dated 2021-04-01	6,000	
	Basic, Applied, and Advanced Research in Science and Engineering	12.630	-	(940)	University of Pennsylvania	572622	(940)	-
	Basic, Applied, and Advanced Research in Science and Engineering	12.630	-	134,837	University of Pennsylvania	579327 Amd 2	134,837	
	Air Force Defense Research Sciences Program	12.800	940,828	-			940,828	-
	Air Force Defense Research Sciences Program	12.800	-	8,210	Massachusetts Institute of Technology	S5204 PO#534323	8,210	
	Air Force Defense Research Sciences Program	12.800	-	163,763	Research Foundation of CUNY on behalf of City University of New York	CM00005540-03 Amd 3	163,763	-
	Air Force Defense Research Sciences Program	12.800	-	151,429	University of Central Florida	24086226-GR102560 A04	151,429	-
	Air Force Defense Research Sciences Program	12.800	-	73,489	University of Michigan	SUBK00010366 Amendment 4	73,489	-
	Research and Technology Development	12.910	1,108,577	-			1,108,577	77,996
	Research and Technology Development	12.910	4,165,069	-			4,165,069	767,849
	Research and Technology Development	12.910		495	Baylor College of Medicine	PO 7000000604 A04	495	

Cluster Federal Agency and Program Title Assistance Listing Direct Pass-Through Pass-Through Entity Number Direct Pass-Through Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
Research and Technology Development 12.910 \$ - \$ 34,738 Columbia University	3(GG017183-01)	\$ 34,738	\$ -
Research and Technology Development 12.910 - 61,755 Evocative Design	HR001117C0068	61,755	-
Research and Technology Development 12.910 - 241,775 Oregon State University	X-0220A-B Amd 05	241,775	-
Air Force Medical Readiness Agency Mental Health Resilience Program Evaluation and Enhancement 12.RD - 168,908 Cherokee Insights LLC.	29700-0005	168,908	
Applications Driving Architectures (ADA) Center 12.RD - 242,764 University of Michigan	SUBK00013583 Amd 03	242,764	-
DARPA AISS 12.RD - 19,170 Texas A&M Engineering Experiment Station	M2002172	19,170	-
Department of Defense Cyber Scholarship Program Academic Year 2021-2022 12.RD 51,474		51,474	-
Magnetic optical and acoustic neural access device for high-bandwidth non-surgical brain computer interfaces 12.RD - 100,010 Rice University (MCANA)	R1A26I (N66001-19-C-4020) Amd 2	100,010	-
Rapid Assured Microelectronics Prototypes using Advanced Commercial Capabilities 12.RD - 121,481 International Business Machines Inc.	CW3085862 Amd 1	121,481	-
ROBUST PREDICTION OF ORDNANCE DEPTH OF BURIAL IN SOILS USING FIELD CALIBRATED 12.RD 409,299 - PHENOMENOLOGICAL MODELA, PROBABILISTIC SIMULATIONS.		409,299	185,706
STTR: Phase 2: Multi-Input Strength Loss Sensing for Webbing Structures 12.RD - 93,303 Luna Innovations	374802NYU	93,303	-
TREBUCHET 12.RD 122,293 Duality Technologies Inc.	Duality-DPRIVE Phase 2	122,293	
Total U.S. Department of Defense (DOD) 17,584,076 3,127,497		20,711,573	2,423,968
U.S. Department of Housing and Urban Development		105 100	44.545
General Research and Technology Activity		105,466 105,466	14,515 14.515
Total U.S. Department of Housing and Urban Development 105,466		105,466	14,515
Department of the Interior			
American Battlefield Protection 15.926 9,695 The Fort Ticonderoga Association	2022-01	9,695	
Total Department of the Interior		9,695	
U.S. Department of Justice (DOJ)			
National Institute of Justice Research, Evaluation, and Development Project Grants 16.560 16.253	504629-78052	16,253	16,253
National Institute of Justice Research, Evaluation, and Development Project Grants 16.560 - 76,172 Northeastern University National Institute of Justice Research, Evaluation, and Development Project Grants 16.560 - 58,345 RTI International	504629-78052 Subaward Number 2-312-0217807-	76,172 58.345	
	66610L		-
Public Safety Partnership and Community Policing Grants 16.710 - 4,209 Seattle Police Department	Agreement dated 2022-05-31	4,209	
Edward Byrne Memorial Justice Assistance Grant Program 16.738 155,789 -		155,789	-
Harold Rogers Prescription Drug Monitoring Program 16.754 - 5,524 Pennsylvania Department of Corrections	PO 4300635966	5,524	-
Smart Prosecution Initiative 16.825 - 36,925 Winnebago County (WI)	Agreement dated 2022-10-11	36,925	
Comprehensive Opioid, Stimulant, and Substance Abuse Program 16.828 544,996	0040 AB BY 1/005	544,996	13.914
Comprehensive Opioid, Stimulant, and Substance Abuse Program 16.838 - 28,189 Bronx Co. New York Comprehensive Opioid, Stimulant, and Substance Abuse Program 16.838 - 29,000 Davidson Co. Tennessee	2018-AR-BX-K025	28,189 29.000	13,914
	Agreement dated 2022-10-12	29,000 80.809	-
	2018-AR-BX-K030 (19/0313 NCE)	80,809 84.417	35.200
	2019-BJA-ODRC-VRAT-0001 (Year 3)		35,200
Comprehensive Opioid, Stimulant, and Substance Abuse Program 16.838 - 47,415 Seattle Police Department	19-02974	47,415	-
Comprehensive Opioid, Stimulant, and Substance Abuse Program 16.838 - 15,195 Winnebago County (WI)	Agmt signed 9-14-20	15,195	-
Comprehensive Opioid, Stimulant, and Substance Abuse Program 16.838 - 33,662 Winnebago County (WI)	Agreement dated 2022-10-11 (years 2-3)	33,662	-
Court-led Opioid InterventionsDCIL 16.RD	2018-NYUCOAP1	75,208	
Total U.S. Department of Justice (DOJ) <u>717,038</u> <u>575,070</u>		1,292,108	65,367

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients	
	U.S. Department of Labor								
	Reentry Employment Opportunities	17.270	\$ 842,588	\$ -				\$ 295,760	,
	Occupational Safety and Health Susan Harwood Training Grants	17.502	26,187 868.775				26,187 868.775		_
	Total U.S. Department of Labor		868,775				868,775	295,760	_
	U.S. Department of State								
		19.019	76,534				76.534	61.026	
	International Programs to Combat Human Trafficking International Programs to Combat Human Trafficking	19.019	70,534	10,733	Innovations for Poverty Action	USDOS-20-10001-X5	10,733	4.148	
	International Programs to Combat Human Trafficking	19.019	•	182.931	University of Georgia	Sub No.: SUB00002736	182.931	126.693	
	International Programs to Combat Human Trafficking	19.019		46,831	University of Georgia	Sub No.: SUB00002730 Sub No.: SUB00002737 Mod 02	46.831	120,090	,
	International Programs to Combat Human Trafficking	19.019		25,283	University of Massachusetts Lowell	S5100000046677	25.283		
	Investing in People in The Middle East and North Africa	19.021	28,168	20,200	Onliversity of Massacritasetts Lowell	031000000040077	28,168		
	International Programs to Support Democracy, Human Rights and Labor	19.345	303,203				303,203	75.152	,
	Academic Exchange Programs - Scholars	19.401	000,200	369,555	University of Montana	PG22-26974-02	369.555	70,102	
	Total U.S. Department of State	10.101	407.905	635,333	Onvoiding or montaina	1 022 2001 4 02	1,043,238	267,019	a -
			,						-
	U.S. Department of Transportation								
	Highway Training and Education	20.215	7.282				7.282		
	University Transportation Centers Program	20.701	1,338,154				1,338,154	350,363	3
	Federal Support for Local Decision-Making	20.RD	-	5,330	Weris Inc.	BTS TO-1 (693JK422D800007)	5,330	-	
	Intelligent Transportation Systems (ITS) Deployment Evaluation ProgramData Collection and Information	20.RD		165,421	NOBLIS	20S1DEPNYU Mod 02	165,421		
	Synthesis Support								
	Total U.S. Department of Transportation		1,345,436	170,751			1,516,187	350,363	3
	National Aeronautics and Space Administration								
	Science	43.001	830,128				830,128	8,229	Э
	Science	43.001		159,487	American Museum of Natural History	627-2016-1 Amd 7	159.487	-,	
	Science	43.001		47,967	Emory University	A136841 Amendment 4	47.967		
	Science	43.001		91,606	Jet Propulsion Laboratory (NASA)	1658891	91,606		
	Science	43.001		25,155	Jet Propulsion Laboratory (NASA)	1671475	25,155		
	Science	43.001		25,720	Jet Propulsion Laboratory (NASA)	1679798	25,720		
	Science	43.001		6,260	Smithsonian Astrophysical Observatory	GO0-21102X A02	6,260		
	Science	43.001		46,802	University of Chicago	FP070308-01 A03	46,802		
	Exploration	43.003		9,640	City University of New York	CM00004989-00	9,640		
	Space Operations	43.007	23,412				23,412		
	Office of Stem Engagement (OSTEM)	43.008		30,602	Cornell University	76156-10488 Amd 7	30,602		
	Decoding Extragalactic Stellar Streams: What will they teach us about dark matter?	43.RD		34,195	Space Telescope Science Institute	HST-HF2-51466.001-A	34,195	-	
	Decoding Extragalactic Stellar Streams: What will they teach us about dark matter?	43.RD	-	101,200	Space Telescope Science Institute	HST-HF2-51466.001-A A01	101,200	-	
						REVISED			
	Early-Time UV Spectroscopy of Stripped-Envelope Supernovae: A New Window	43.RD		14,999	Space Telescope Science Institute	HST-GO-16178.007-A	14,999	-	
	Oceans Melting Greenland-OMG	43.RD		(4,710)	Jet Propulsion Laboratory (NASA)	1541570 Mod 005	(4,710)		_
	Total National Aeronautics and Space Administration		853,540	588,923			1,442,463	8,229	<u>, </u>
	Federal Council on the Arts and The Humanities								
	Promotion of the Humanities Teaching and Learning Resources and Curriculum Development	45.162	49,436				49,436		
	Total Federal Council on the Arts and The Humanities		49,436				49,436		_
									-
	Institute of Museum and Library Services								
	National Leadership Grants	45.312		41,723	Intrepid Museum Foundation	2019-10-1 Amd 1	41,723		_
	Total Institute of Museum and Library Services			41,723			41,723		-
	National Endowment for the Humanities								
	Promotion of the Humanities Research	45.161	207,353	-			207,353	-	
	Promotion of the Humanities Office of Digital Humanities	45.169	9,041				9,041		_
	Total National Endowment for the Humanities		216,394				216,394		_

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	National Science Foundation Education and Human Resources	47.RD	\$ 34.510	s -			\$ 34.510	s -
	COVID-19 Engineering Grants	47.RD 47.041	31,286	• -			31,286	3.351
	Engineering	47.041	4,268,873	_			4,268,873	225,729
	Engineering	47.041	-	11	George Washington University	15-S30-Mod #4	11	
	Engineering	47.041	-	42,577	John Jay College of Criminal Justice (CUNY)	CM00007109-00	42,577	-
	Engineering	47.041		33,624	New York Institute of Technology	CBET-1856032-NYU-4	33,624	
	Engineering Engineering	47.041 47.041		15,833 52,172	Pi Radio Research Foundation of CUNY on behalf of City College of New York	Amendment executed 2021-02-25 CM00001891-03	15,833 52,172	
	Engineering	47.041		153,178	Research Foundation of CUNY on behalf of City University of New York	CM00001891-03 CM00001895-00 Amd 2	153,178	
	Engineering	47.041		220.168	Research Foundation of CUNY on behalf of City University of New York	CM00007240	220,168	
	Engineering	47.041		22,894	University of Wisconsin Madison	893K432 Amendment 2	22,894	
	Engineering	47.041	-	48,778	Worcester Polytechnic Institute	11118-GR	48,778	-
	Engineering Grants	47.041	147,530	-			147,530	
	Mathematical and Physical Sciences	47.049 47.049	(1,967) 8,651,466	-			(1,967) 8,651,466	- 50,789
	Mathematical and Physical Sciences Mathematical and Physical Sciences	47.049 47.049	0,001,400	79,895	Clemson University	2340-206-2014878 A01	79,895	50,769
	Mathematical and Physical Sciences	47.049		20,042	Columbia University	1(GG017158-01)	20,042	
	Mathematical and Physical Sciences	47.049		51,035	Columbia University	37(GG016228)	51,035	
	Mathematical and Physical Sciences	47.049		20,515	Queens College (CUNY)	CM00001826-01 (Pl Change)	20,515	-
	Mathematical and Physical Sciences	47.049		19,899	University of Notre Dame	204303NYU	19,899	
	Geosciences	47.050	1,362,173	04.040	Hairmaik Commention of Atmospheric Bossesh	CUDAMIDOCCOED M-44	1,362,173	297,637
	Geosciences Computer and Information Science and Engineering	47.050 47.070	58,090	91,613	University Corporation of Atmospheric Research	SUBAWD002258 Mod 1	91,613 58,090	
	Computer and Information Science and Engineering	47.070	10,409,083				10,409,083	269,803
	Computer and Information Science and Engineering	47.070	-	17,505	Columbia University	23(GG014586-02) SAPO G16339	17,505	,
	Computer and Information Science and Engineering	47.070		87,203	Computing Research Association	2021CIF-NewYork-43	87,203	
	Computer and Information Science and Engineering	47.070	-	27,423	Computing Research Association	CIF2020-NYU-08 Amd 01	27,423	-
	Computer and Information Science and Engineering	47.070	-	131,628	Computing Research Association	CIF2020-NYU-51	131,628	-
	Computer and Information Science and Engineering Computer and Information Science and Engineering	47.070 47.070		74,107 138.349	Cornell University Cornell University	138698-21082 90026-11333 Amendment 2	74,107 138.349	•
	Computer and Information Science and Engineering	47.070		20.090	Iowa State University	019136A Amd 1	20.090	
	Computer and Information Science and Engineering	47.070		156,527	Princeton University	SUB0000278 A04	156,527	
	Computer and Information Science and Engineering	47.070		6,078	University of Arizona	576988	6,078	
	Computer and Information Science and Engineering	47.070	-	85,864	University of Southern California	SCON-00002553	85,864	-
	Computer and Information Science and Engineering	47.070		29,511	University of Southern California	SCON-00003372	29,511	-
	Biological Sciences Biological Sciences	47.074 47.074	1,989,602 2,546,915				1,989,602 2,546,915	891.255
	Biological Sciences	47.074	2,040,910	58,076	Cold Spring Harbor Laboratory	52670414 A04	58,076	091,233
	Biological Sciences	47.074		3,351	Columbia University	3(GG016611-01) A01	3,351	
	Biological Sciences	47.074		104,724	Rutgers University	1103 MOD 3	104,724	
	Biological Sciences	47.074	-	208,906	University Of Colorado Boulder	1559641	208,906	-
	Biological Sciences	47.074	-	29,973	University of Illinois at Urbana-Champaign	101519-18743	29,973	-
	Biological Sciences Biological Sciences	47.074 47.074		72,521 94,339	University of Michigan Yale University	3004704725 GR110626 (CON-80002608) A02	72,521 94,339	
	Social, Behavioral, and Economic Sciences	47.075	184.727	34,333	Tale University	GITT10020 (GGIT-00002000) A02	184,727	
	Social, Behavioral, and Economic Sciences	47.075	3,936,127				3,936,127	73,884
	Social, Behavioral, and Economic Sciences	47.075		9,615	University of Texas at Dallas	2008625_001	9,615	-
	Social, Behavioral, and Economic Sciences	47.075	-	916	University of Maryland	89226-Z4766001 Mod A	916	-
	Social, Behavioral, and Economic Sciences	47.075	-	47,406	University of Montana	PG19-66897-01	47,406	-
	Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.075 47.075	-	71,416 11,440	University of Pennsylvania Villanova University	574835 NCE 525919NYU A02	71,416 11.440	
	Education and Human Resources	47.076	221.975	11,440	viilanova Oniversity	0200 (BINTO MOZ	221,975	
	Education and Human Resources	47.076	7,061,408	-			7,061,408	433,586
	Education and Human Resources	47.076	-	152,080	Education Development Center	12389 Amd 3	152,080	13,785
	Education and Human Resources	47.076	-	8,099	ETR	PO-1935	8,099	-
	Education and Human Resources	47.076	-	12,627	Rensselaer Polytechnic Institute	RPI-A20-0005-S005 Amd 1	12,627	-
	Education and Human Resources Education and Human Resources	47.076 47.076	-	2,597 24,821	University of California Irvine University of Florida	2019-3714 Amd 02 SUB00002869	2,597 24,821	
	Education and Human Resources Education and Human Resources	47.076		55,201	University of Illinois at Urbana-Champaign	083755-16481 Amd 03	24,821 55,201	
	COVID-19 Office of International and Integrative Activities	47.079	-	8,474	University of Wisconsin	0000000756	8,474	-
	Office of International Science and Engineering	47.079	109,527	-	,		109,527	
	Office of International Science and Engineering	47.079	-	135,714	University of Nevada Las Vegas	GR06611 AMD 5	135,714	-
	Integrative Activities	47.083	29,695	-	III to the factor	0000047400	29,695	-
	Office of Integrative Activities	47.083 47.084	30,984	85,702	University of Michigan	3003847460	85,702 30,984	
	NSF Technology, Innovation, and Partnerships Data governance for the Blue Economy	47.084 47.RD	30,984	138,500	Multiplier	Multiplier-Intertidal 2021 Agreement	30,984 138,500	
	Dispersal, connectivity and local adaption al	47.RD	-	3,001	University of North Carolina at Charlotte	20190599-01-NYU	3,001	-
	ong an extreme environmental gradient							
	Total National Science Foundation		41,072,004	2,986,018			44,058,022	2,259,819

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Department of Veterans Affairs							
	Veteran Affairs Medical Center Total Department of Veterans Affairs	64.RD	\$ 1,864,669 1,864,669	\$ -			\$ 1,864,669 1,864,669	\$ - -
	U.S. Environmental Protection Agency (EPA)							
	Science To Achieve Results (STAR) Research Program	66.509	261,538				261,538	80,397
	Science To Achieve Results (STAR) Research Program	66.509		(19)	American Heart Association	FX-ATRAC-NYU-05	(19)	-
	Science To Achieve Results (STAR) Research Program	66.509		12,112	University of California Davis	A21-2341-S001	12,112	-
	P3 Award: National Student Design Competition for Sustainability	66.516	3,631				3,631	
	Total U.S. Environmental Protection Agency (EPA)		265,169	12,093			277,262	80,397
	U.S. Department of Energy							
	State Energy Program	81.041	200.002				200.002	
	Office of Science Financial Assistance Program	81.049	3.495.077				3.495.077	389.361
	Office of Science Financial Assistance Program	81.049	-	85,592	Case Western Reserve University	RES513719	85,592	-
	Office of Science Financial Assistance Program	81.049	-	131,574	College of William and Mary	744402 A001	131,574	-
	Office of Science Financial Assistance Program	81.049	-	223,710	Georgia Institute of Technology	AWD-100234-G2 Amd 16	223,710	-
	Office of Science Financial Assistance Program	81.049	-	107,089	Northwestern University	SP0027267-PROJ0007140 A09	107,089	-
	Office of Science Financial Assistance Program	81.049	-	17,282	Parallel Works Inc.	DE-SC0019695-SA1	17.282	-
	Office of Science Financial Assistance Program	81.049	-	117,489	University of California San Diego	111163617 (S9002150) A004	117.489	-
	Conservation Research and Development	81.086		64,462	Iowa State University	022853A	64,462	
	Renewable Energy Research and Development	81.087	105,015	-	,		105,015	
	Renewable Energy Research and Development	81.087	· -	42,710	Yale University	CON-80003263 (GR114316)	42,710	-
	Nuclear Energy Research, Development and Demonstration	81.121	-	(174)	Ohio State University	60054137 Mod 2	(174)	-
	Advanced Research Projects Agency - Energy	81.135	-	139,998	Columbia University	1(GG017021) Amd 01	139,998	-
	Advanced Research Projects Agency - Energy	81.135	-	112,049	Iowa State University	022218A Amd 01	112,049	-
	Advanced Dissolution-based Monolayer Exfoliation/Transfer Methods	81.RD		101,625	Brookhaven National Laboratory	PR No. 390681 Mod 01	101,625	
	Al-based modeling and control for traffic flow systems	81.RD	-	119,819	UT-Battelle LLC. c/o Oak Ridge National Laboratory	4000188094 Mod 2	119,819	-
	COINFLIPS: CO-designed Improved Neural Foundations Leveraging Inherent Physics Stochasticity	81.RD	-	138,755	Sandia National Laboratories	2329277 Revision 2	138,755	-
	CyberSim: A Flexible Simulation Environment for the Evaluation of Cyber Risk in Nuclear Power Plants in Support of the Design of Cyber Protection Architectures; NE-1: Nuclear Energy-Cyber Security Research Topics and	81.RD	-	60,003	Ohio State University	GR121298-SPC-1000004799 Amd 1	60,003	-
	lce Sheet Model Optimization and Uncertainty Quantification	81.RD		153,278	TRIAD National Security LLC.	458494 Mod 5	153,278	
	SBIR Phase II: A Platform for Scientific Data Management Modeling and Analysis with Machine Learning	81.RD		54.793	Parallel Works Inc.	DE-SC0020464-SA1 A01	54,793	•
	SiR Phase II: A Platform for Scientific Data Management Modeling and Analysis with Machine Learning SiGe-Al Josephson Junction Field-Effect Transistors	81.RD	-	(11.496)	Sandia National Laboratories	1915665 Rev. 1	(11.496)	-
	Total U.S. Department of Energy	01.KD	3.800.094	1.658.558	Sanda National Laboratories	1913003 Rev. 1	5.458.652	389.361
	Total U.S. Department of Energy		3,800,094	1,030,330			5,456,052	309,301
	U.S. Department of Education (ED)							
	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and	84.015	500,514	-			500,514	95,997
	International Studies Program and Foreign Language and Area Studies Fellowship Program							
	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and	84.015	-	122,674	Columbia University	1(GG013993) Amendment 3	122,674	
	International Studies Program and Foreign Language and Area Studies Fellowship Program							
	Overseas Programs - Doctoral Dissertation Research Abroad	84.022	235,414	-			235,414	-
	Rehabilitation Services_Vocational Rehabilitation Grants to States	84.126	361,668	-			361,668	-
	Graduate Assistance in Areas of National Need	84.200	41,819	-			41,819	-
	Education Research, Development and Dissemination	84.305	3,722,906	-			3,722,906	595,059
	Education Research, Development and Dissemination	84.305	-	61,657	American Institutes for Research	0467100005 Mod 2	61,657	-
	Education Research, Development and Dissemination	84.305		125,722	Boston College	5108121-01 Amd 03	125,722	-
	Education Research, Development and Dissemination	84.305	-	67,701	Boston University	4500002734-003	67,701	-
	Education Research, Development and Dissemination	84.305	-	41,727	MDRC	1413-NYU-01 Mod # 1	41,727	-
	Education Research, Development and Dissemination	84.305	-	53,716	Ohio University	UT21878	53,716	-
	Education Research, Development and Dissemination	84.305	-	11,669	The Children's Hospital Of Philadelphia	20259641	11,669	-
	Education Research, Development and Dissemination	84.305	-	20,616	University of North Carolina Greensboro	20210415.2 Amd 1	20,616	
	Teacher Quality Partnership Grants	84.336	-	36,740	American Museum of Natural History	B02-2020-01 Amd 4	36,740	
	Teacher and School Leader Incentive Grants (formerly the Teacher Incentive Fund)	84.374	-	4,703	Eskolta School Research and Design Inc.	Agreement effective 2020-06-01	4,703	
	Education Innovation and Research (formerly Investing in Innovation (i3) Fund)	84.411	-	7,636	ExpandED Schools	Amendment executed 2020-10-02	7,636	
	Education Innovation and Research (formerly Investing in Innovation (i3) Fund)	84.411		132,242	ExpandED Schools	U411C180023	132,242	
	Total U.S. Department of Education (ED)		4,862,321	686,803			5,549,124	691,056

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	ssed to Sub- lecipients
	U.S. Department of Health and Human Services (HHS)							
	Training in General, Pediatric, and Public Health Dentistry		\$ 558,642	\$ -			\$ 558,642	\$ 173,973
	Training in General, Pediatric, and Public Health Dentistry	93.059	355,206				355,206	1,000
	Chronic Diseases: Research, Control, and Prevention	93.068	993,302				993,302	35,195
	Chronic Diseases: Research, Control, and Prevention	93.068		230,464	Cicatelli Associates, Inc.	21-A0-00-1006723	230,464	
	COVID-19 Chronic Diseases: Research, Control, and Prevention	93.068	78,009		=		78,009	26,035
	Environmental Public Health and Emergency Response	93.070	-	3,192	Health Research, Inc.	6750-01	3,192	-
	Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077 93.077	421,951	2.473	University of Michigan	01101000440440	421,951 2.473	-
	Family Smoking Prevention and Tobacco Control Act Regulatory Research Prevention of Disease, Disability, and Death by Infectious Diseases	93.077	-	2,473	University of Michigan University of California San Francisco	SUBK00014314 Carryover Approval 12400sc	2,473	-
	Frevention of Disease, Disability, and Death by Infectious Diseases Food and Drug Administration Research	93.004	132.865	23,170	University of California San Francisco	124008C	132.865	-
	Food and Drug Administration Research	93.103	132,003	3.412	Pharmerit, International	19164	3.412	-
	Comprehensive Community Mental Health Services for Children with Serious Emotional Disturbances (SED)	93.103	-	21.885	New York State Office of Mental Health	156246	21.885	-
	COVID-19 Environmental Health	93.104	78.430	21,000	New York State Office of Mental Freatur	130240	78.430	
	Environmental Health	93.113	5.813.327				5.813.327	475.861
	Environmental Health	93.113	641.899				641.899	475,001
	Environmental Health	93.113	0.1,000	1.491	Alaska Community Action on Toxics	R01-10-NYU	1,491	
	Environmental Health	93.113		67,467	Boston University	4500003853	67.467	
	Environmental Health	93.113		121,276	George Mason University	E2050591	121,276	
	Environmental Health	93.113	_	2,888,993	Health Research, Inc.	6508-02	2.888.993	_
	Environmental Health	93.113		223,019	Michigan State University	RC111324A	223,019	
	Environmental Health	93.113	-	41,238	Mount Sinai School of Medicine	0255-B391-4609	41,238	-
	Environmental Health	93.113	-	69,599	Northwestern University	60052569 NYU A03	69.599	-
	Environmental Health	93.113	-	18.876	Seattle Children's Hospital	20-A0-00-1005558	18.876	-
	Oral Diseases and Disorders Research	93.121	861.685	-	'		861.685	45.533
	Oral Diseases and Disorders Research	93.121	4,784,199				4,784,199	696,717
	Oral Diseases and Disorders Research	93.121	-	132,163	Carolinas Healthcare System	13100310228 (A21-0106-S005)	132,163	-
	Oral Diseases and Disorders Research	93.121	-	108,963	Indiana University	8150 - PO0227689	108,963	-
	Oral Diseases and Disorders Research	93.121	-	1,907	Loma Linda University	Advanced S1837	1,907	-
	Oral Diseases and Disorders Research	93.121	-	7,396	Rutgers University	0280 Mod 2	7,396	-
	Oral Diseases and Disorders Research	93.121	-	3,952	The Regents of The University of California	13471sc	3,952	-
	Oral Diseases and Disorders Research	93.121	-	133,963	University Of Pennsylvania	583210	133,963	-
	Oral Diseases and Disorders Research	93.121	-	1,087,421	University of Michigan	3004717497	1,087,421	-
	Oral Diseases and Disorders Research	93.121	-	(724)	University of Michigan	3004717497 Amendment 4	(724)	-
	Oral Diseases and Disorders Research	93.121	-	8,548	University of Pennsylvania	580833	8,548	-
	Oral Diseases and Disorders Research	93.121	-	5,112	University of Pennsylvania	580832 Amend 1	5,112	-
	Oral Diseases and Disorders Research	93.121	-	78,084	Virtually Better, Inc.	VBI Subcontracting Agreement 2	78,084	-
	Grants to Increase Organ Donations	93.134 93.135	1.951.301	116,501	Hennepin Healthcare Research Institute	22-A0-00-1008729	116,501 1,951,301	298.178
	Centers for Research and Demonstration for Health Promotion and Disease Prevention Injury Prevention and Control Research and State and Community Based Programs	93.135	780.872				1,951,301 780.872	298,178 60.266
	Injury Prevention and Control Research and State and Community Based Programs	93.136	240,813				240.813	111,691
	Injury Prevention and Control Research and State and Community Based Programs	93.136	240,013	24.244	Columbia University	4(GG014278-18)	24.244	111,091
	Community Programs to Improve Minority Health Grant Program	93.137		44.203	Columbia University	1(GG017882-01)	44.203	
	NIEHS Hazardous Waste Worker Health and Safety Training	93.142		85,706	Rutgers University	1922 Amd 1	85.706	
	Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153	465.236	03,700	rangers oniversity	1922 Ailid 1	465.236	188.034
	COVID-19 Coordinated Services and Access to Research for Women, Infants, Children, and Youth	93.153	16,228				16,228	100,004
	Human Genome Research	93.172	2.936.606				2.936.606	336.169
	Human Genome Research	93.172	95,320				95,320	31,814
	Human Genome Research	93.172		18,569	Columbia University	1(GG013080-01) AMD 2	18,569	
	Human Genome Research	93.172	-	47,253	Mount Sinai School of Medicineicine	0255-C621-4609	47,253	-
	Human Genome Research	93.172	-	119,903	New York Genome Center	2019-0014-NYU-01 A03	119,903	-
	Human Genome Research	93.172	-	124,737	The Ontario Institute for Cancer Research	P2017-0001	124,737	-
	Research Related to Deafness and Communication Disorders	93.173	3,983,156	-			3,983,156	553,983
	Research Related to Deafness and Communication Disorders	93.173	4,479,479	-			4,479,479	794,864
	Research Related to Deafness and Communication Disorders	93.173	-	234,283	Brandeis University	403626	234,283	-

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Research Related to Deafness and Communication Disorders	93.173	\$ -	\$ 36,978	Montclair State University	1R15DC019775-NYU Amd 1	\$ 36,978	\$ -
	Research Related to Deafness and Communication Disorders	93.173		178,241	North Carolina State University	2018-2600-01	178,241	
	Research Related to Deafness and Communication Disorders	93.173		200,896	North Carolina State University	2018-3244-01	200,896	
	Research Related to Deafness and Communication Disorders	93.173		38,286	University Of Iowa	1001622176	38,286	
	Research Related to Deafness and Communication Disorders	93.173		27,498	University of Cincinnati	012336-00007 Amd 04	27,498	
	Research Related to Deafness and Communication Disorders	93.173		14,532	University of Pittsburgh	CNVA00059569 (130900-1) Amd 4	14,532	
	Research Related to Deafness and Communication Disorders	93.173		239,349	University of Texas at Dallas	1806253	239,349	
	Research Related to Deafness and Communication Disorders	93.173		184,475	York Sound Inc.	19-A0-00-1003898	184,475	
	Disabilities Prevention	93.184	-	6,858	University of Alabama at Birmingham	000512145-SC018	6,858	-
	Immunization Research, Demonstration, Public Information and Education_Training and Clinical Skills Improvement Projects	93.185	-	207,327	Asian/Pacific Islander American Health Forum	NYU-EVAC-2022	207,327	-
	National Research Service Award in Primary Care Medicine	93.186	431,039				431,039	
	Research and Training in Complementary and Alternative Medicine	93.213	3,348,755				3,348,755	618,145
	Research and Training in Complementary and Alternative Medicine	93.213	-	44,783	Columbia University	1(GG017691-01)	44,783	-
	Research and Training in Complementary and Integrative Health	93.213	908,953	-			908,953	-
	National Research Service Awards_Health Services Research Training	93.225	688,811	-			688,811	72,967
	Research on Healthcare Costs, Quality and Outcomes	93.226	1,030,836				1,030,836	83,609
	Research on Healthcare Costs, Quality and Outcomes	93.226	-	14,732	Children's Hospital/Boston	GENFD0002176432	14,732	-
	Research on Healthcare Costs, Quality and Outcomes	93.226	-	56,177	University of Michigan	Agreement dated 2022-01-06	56,177	-
	National Center on Sleep Disorders Research	93.233	419,914	-			419,914	-
	National Center on Sleep Disorders Research	93.233	-	73,898	Columbia University	\$26,048.301 (GG015006-04)	73,898	-
	Mental Health Research Grants	93.242	14,855,888	-			14,855,888	4,170,314
	Mental Health Research Grants	93.242	6,367,899				6,367,899	972,768
	Mental Health Research Grants	93.242	-	9,368	Brown University	00001444	9,368	-
	Mental Health Research Grants	93.242	-	18,305	Child Mind Institute Inc.	5R01MH115363-03 SubN 1	18,305	-
	Mental Health Research Grants	93.242	-	20,769	Child Mind Institute Inc.	5R01MH115363 Sub N4_AMD5	20,769	-
	Mental Health Research Grants	93.242		316,816	Cold Spring Harbor Laboratory	65500112	316,816	
	Mental Health Research Grants	93.242		312,273	Downstate Medical Center (SUNY)	100-1147125-81588 A04	312,273	
	Mental Health Research Grants	93.242	-	184,320	Hunter College	CM00003379	184,320	-
	Mental Health Research Grants	93.242	-	162	Johns Hopkins University	2004361458 A01	162	-
	Mental Health Research Grants Mental Health Research Grants	93.242 93.242	-	8,802 17.430	Johns Hopkins University	2004660765 Amend 2 2004845715 Amendment 2	8,802 17,430	-
		93.242	-	17,430	Johns Hopkins University	2004845/15 Amendment 2 S4714	17,430	-
	Mental Health Research Grants Mental Health Research Grants	93.242		(6.746)	Massachusetts Institute of Technology Max Planck Florida Institute For Neuroscience	NYU19842RY10	(6.746)	
	Mental Health Research Grants	93.242		60.452	Mount Sinai Medical Center	0255-4091-4609	60.452	
	Mental Health Research Grants	93.242		84.487	Northern Illinois University	G1A62768-1	84.487	
	Mental Health Research Grants	93.242		200.237	Pennsylvania State University	NYUMH124605	200,237	
	Mental Health Research Grants	93.242		19.217	Ponce Medical School Foundation Inc.	8571 Amd 1	19,217	
	Mental Health Research Grants	93.242		65.865	Princeton University	SUB0000199	65.865	
	Mental Health Research Grants	93.242		158,617	Princeton University	SUB0000484 002	158,617	
	Mental Health Research Grants	93.242		27.660	Research Foundation for Mental Hygiene Inc.	PO 148855 (R01MH123639-01)	27.660	
				,	,,	AMD2	,	
	Mental Health Research Grants	93.242		550	Research Foundation For Mental Hygiene Inc.	154740	550	
	Mental Health Research Grants	93.242		18,240	Research Foundation For Mental Hygiene Inc.	19-A0-00-1002259	18,240	
	Mental Health Research Grants	93.242		81,194	The Mclean Hospital Corporation	401568	81,194	
	Mental Health Research Grants	93.242		24,338	Washington University	WU-19-191 MOD 2	24,338	
	Mental Health Research Grants	93.242	-	29,414	Washington University	WU-19-202- MOD 2	29,414	-
	Mental Health Research Grants	93.242	-	14,793	Washington University	WU-19-413 MOD 3	14,793	-
	Mental Health Research Grants	93.242	-	39,626	Washington University	WU-22-0246	39,626	-
	Mental Health Research Grants	93.242	-	12,437	Trustees of Boston University	4500004172	12,437	-
	Mental Health Research Grants	93.242	-	9,722	University of Illinois at Chicago	17716	9,722	-
	Mental Health Research Grants	93.242	-	303,647	University of Minnesota	N006784001	303,647	-
	Mental Health Research Grants	93.242	-	118,106	University Of Pennsylvania	583303	118,106	-
	Mental Health Research Grants	93.242	-	30,686	Universidad de O'Higgins	Subcontract Year 4	30,686	-
	Mental Health Research Grants	93.242	-	31,690	University Medical Center Utrecht	R01MH111417	31,690	-
	Mental Health Research Grants	93.242	-	222,616	University of California Berkeley	00010481 A03	222,616	-
	Mental Health Research Grants	93.242	-	18,902	University of California San Francisco	12239sc-02 NCE	18,902	-
	Mental Health Research Grants	93.242	-	49,199	University of Pittsburgh Medical Center	AWD00003551 (135683-1)	49,199	-
	Mental Health Research Grants	93.242	-	66,520	Utrecht University	1R01MH111417-01-1_AMD 6	66,520	-
	Mental Health Research Grants	93.242	-	30,614	Washington University	WU-20-233-MOD-3	30,614	
	Mental Health Research Grants	93.242	-	195,466	Washington University/St. Louis School of Medicine	WU-21-103	195,466	-
	Mental Health Research Grants	93.242	-	2,035	Weill Cornell Medical College	221922-2	2,035	-
	Mental Health Research Grants	93.242	-	77,745	Yale University	GR107130 (CON-80001851)	77,745	-

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/	Total Expenditures	Passed to Sub- Recipients
	Mental Health Research Grants	93.242	s -	\$ 3.334	Yale University	Contract Award Number GR104389 (CON-80001429) A01	\$ 3.334	\$ -
	Mental Health Research Grants	93.242	-	70,977	Yale University, School of Medicine	GR 108340 (CON-80002129)	70,977	-
	Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243	839,632	-			839,632	17,680
	Substance Abuse and Mental Health Services_Projects of Regional and National Significance	93.243	-	36,189	American Academy of Addiction Psychiatry	MFG-18-1	36,189	
	Substance Abuse and Mental Health Services_Projects of Regional and National Significance	93.243	-	4,010	Frontline Service	001	4,010	-
	Substance Abuse and Mental Health Services_Projects of Regional and National Significance	93.243	-	159,631	Richmond University Medical Center	20-A0-00-1005530	159,631	
	Substance Abuse and Mental Health Services_Projects of Regional and National Significance	93.243	-	17,322	Research Foundation For Mental Hygiene Inc.	150458	17,322	-
	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	-	17,266 1.511	University of Connecticut University of Connecticut	UCHC7-137475441-A6 UCHC7-137481591-A5	17,266 1,511	-
	COVID-19 Occupational Safety and Health Program	93.243		1,142,872	University of Connecticut University of Washington	UWSC12030	1,142,872	
	Occupational Safety and Health Program	93.262	5.355.434	1,142,072	University of Washington	0110012000	5.355.434	86.973
	Occupational Safety and Health Program	93.262	0,000,404	49,954	Children's Hospital/Boston	75D30120C10297	49,954	00,370
	Occupational Safety and Health Program	93.262	•	3,627	Icahn School of Medicine at Mount Sinai	0253-7122-4609 Amendment No 1 (NCE)	3,627	-
	Occupational Safety and Health Program	93.262	-	197,577	Icahn School of Medicine at Mount Sinai	0253-7131-4609	197,577	-
	Occupational Safety and Health Program	93.262	-	8,445	Icahn School of Medicine at Mount Sinai	0253-7132-4609 YEAR 2 FUNDING	8,445	-
	Occupational Safety and Health Program	93.262	-	(662)	Mount Sinai School of Medicine	0253-6530-4609	(662)	
	Occupational Safety and Health Program	93.262		5,382	Mount Sinai School of Medicine	0253-7121-4609	5,382	-
	Occupational Safety and Health Program	93.262	-	73,331	Mount Sinai School of Medicine	0253-7131-4609	73,331	-
	Occupational Safety and Health Program Occupational Safety and Health Program	93.262 93.262	-	11,878 31.444	Mount Sinai School of Medicine Mount Sinai School of Medicine	0254-B033-4609	11,878 31.444	-
	Occupational Safety and Health Program Occupational Safety and Health Program	93.262		73,564	Ohio State University	0254-B182-4609 SPC-1000005812 / GR125645	73.564	
	Occupational Safety and Health Program	93.262		19,121	University of Pittsburgh	CNVA00053367 (131632-1)	19.121	
	Health Systems Strengthening and HIV/AIDS Prevention, Care and Treatment under the President's Emergency Plan for AIDS Relief	93.266	10,828	-	Children Children	S. (181802 1)	10,828	-
	Viral Hepatitis Prevention and Control	93.270	-	35,545	University of Rochester	417702G/URFAO:GR511033 YEAR 4	35,545	-
	Alcohol Research Programs	93.273	2,467,970				2,467,970	368,016
	Alcohol Research Programs	93.273	43,531	-			43,531	7,642
	Alcohol Research Programs	93.273	-	(107,917)	Columbia University	1 (GG013596-01)	(107,917)	-
	Alcohol Research Programs	93.273	-	32,041	Pacific Institute For Research And Evaluation	1031	32,041	-
	Alcohol Research Programs	93.273	-	26,152	Research Foundation For Mental Hygiene Inc.	149979	26,152	-
	Alcohol Research Programs	93.273	-	10,558	State University of New York Downstate Medical Center	100-1171618-92873	10,558	-
	Alcohol Research Programs Alcohol Research Programs	93.273 93.273	-	25,366 12.816	University of California San Francisco University of Massachusetts, Worcester	13142sc OSP31181-NYU	25,366 12.816	-
	Alcohol Research Programs	93.273		15,937	University of Massachusetts, Wordester University of Sheffield	5R01AA024443-04 SUB03 NYU	15.937	
	COVID-19 Drug Abuse and Addiction Research Programs	93.279	577.941	15,957	Offiversity of Stretifeta	3K0 IAA024443-04 30B03 N TO	577.941	60,912
	Drug Abuse and Addiction Research Programs	93.279	28.980.752				28.980.752	15.678.433
	Drug Abuse and Addiction Research Programs	93.279	8,916,552				8,916,552	1,170,658
	Drug Abuse and Addiction Research Programs	93.279	-	71,462	Boston Medical Center	02 NYU 05701 (4300913001)	71,462	-
	Drug Abuse and Addiction Research Programs	93.279		216,366	Brown University	1568; 1630; 2039	216,366	
	Drug Abuse and Addiction Research Programs	93.279	-	25,013	Columbia University	06(GG015428-07)	25,013	-
	Drug Abuse and Addiction Research Programs	93.279	-	15,556	Columbia University	1(GG015428-05)	15,556	
	Drug Abuse and Addiction Research Programs	93.279	-	8,381	Columbia University	1(GG015428-07)	8,381	-
	Drug Abuse and Addiction Research Programs	93.279	-	37,508	Columbia University	2(GG017257-01)	37,508	-
	Drug Abuse and Addiction Research Programs Drug Abuse and Addiction Research Programs	93.279 93.279	-	29,127 43.738	Columbia University Columbia University	8(GG010654-01) G15940 G16101 1(GG014271-01)	29,127 43.738	-
	Drug Abuse and Addiction Research Programs Drug Abuse and Addiction Research Programs	93.279		(1.410)		19-A0-00-1003202	(1.410)	
	Drug Abuse and Addiction Research Programs	93.279		3.374	Genecentrix, Inc.	21-A0-00-1003202	3.374	
	Drug Abuse and Addiction Research Programs	93.279		49,958	George Mason University	E2056603	49 958	
	Drug Abuse and Addiction Research Programs	93.279		23,646	Georgia State University	SP00014333-02 Year 3	23,646	
	Drug Abuse and Addiction Research Programs	93.279	-	340,611	Hennepin Healthcare Research Institute	15390-06	340,611	-
	Drug Abuse and Addiction Research Programs	93.279	-	40,810	Johns Hopkins University	20-A1-00-1004519	40,810	-
	Drug Abuse and Addiction Research Programs	93.279	-	65,313	Nathan S. Kline Institute For Psychiatric Research	26746	65,313	-
	Drug Abuse and Addiction Research Programs	93.279	-	2,999	National Development and Research Institutes	Project 662B00 (R21DA046739)	2,999	-
	Drug Abuse and Addiction Research Programs	93.279	-	39,776	Research Foundation For Mental Hygiene Inc.	903-9014A_TIQR 19950	39,776	-

Cluster	Federal Agency and Program Title	Assistance Listing Number	ı	Direct	Pass-Thro	ough	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Drug Abuse and Addiction Research Programs	93.279	\$	-	\$ 3	31,483	RTI International	2-312-0217653-66169L Modification Number 2	\$ 31,483	\$ -
	Drug Abuse and Addiction Research Programs	93.279			12	25.386	RTI International	3-312-0216573-65366L Mod 6	125.386	
	Drug Abuse and Addiction Research Programs	93.279				96.274	Sensodx II. LLC.	25-67180-S0821	96.274	
	Drug Abuse and Addiction Research Programs	93.279		-		32,897	Sensodx II, LLC.	20-A0-00-1003932	62.897	
	Drug Abuse and Addiction Research Programs	93.279				4,550	The Miriam Hospital	7147185AMB	4.550	-
	Drug Abuse and Addiction Research Programs	93.279		-		17,677	The Miriam Hospital	7147185SC	17,677	
	Drug Abuse and Addiction Research Programs	93.279		-	21	11,518	University of California Los Angeles	1557 G WC495	211,518	
	Drug Abuse and Addiction Research Programs	93.279		-	4	19,591	University of Florida	SUB00003086	49,591	
	Drug Abuse and Addiction Research Programs	93.279		-	8	35,540	University of Florida	SUB00003238	85,540	
	Drug Abuse and Addiction Research Programs	93.279		-	9	94,427	University of Minnesota	D009105901	94,427	
	Drug Abuse and Addiction Research Programs	93.279			1	15,666	University of Rhode Island	0006817/111219	15,666	-
	Drug Abuse and Addiction Research Programs	93.279		-	7	6,218	University of Washington	UWSC12904	76,218	
	Drug Abuse and Addiction Research Programs	93.279		-	5	54,709	University of California San Francisco	12627sc Amend 01	54,709	
	Drug Abuse and Addiction Research Programs	93.279		-		(535)	University of California Davis	A18-0560-S002	(535)	-
	Drug Abuse and Addiction Research Programs	93.279		-		18,556	University of Chicago	AWD0662288 (SUB00000091)	18,556	-
	Drug Abuse and Addiction Research Programs	93.279		-		54,727	University of Chicago	AWD100228 (SUB00000245)	54,727	-
	Drug Abuse and Addiction Research Programs	93.279		-		28,614	University of Kentucky	3210001561-21-297	28,614	
	Drug Abuse and Addiction Research Programs	93.279		-		31,895	University of Michigan	SUBK00013921 Amd 1	131,895	-
	Drug Abuse and Addiction Research Programs	93.279		-		3,346	University of Washington	UWSC11152 Yr 3 (Amd 2)	63,346	-
	Drug Abuse and Addiction Research Programs	93.279		-		34,088	University of Washington	UWSC11152 Yr 4 (Amd 3)	34,088	
	Drug Abuse and Addiction Research Programs	93.279		-		6,799	Weill Medical College of Cornell University	220398-2	266,799	-
	Drug Abuse and Addiction Research Programs	93.279		-		36,708	Weill Medical College of Cornell University	222480-1 A02	136,708	-
	Drug Abuse and Addiction Research Programs	93.279		-		31,974	Westat Inc.	6410-S-03 MOD 12	31,974	-
	Drug Abuse and Addiction Research Programs	93.279		-		17,741	Yale University	GR104440 (CON-80001625) A04	117,741	•
	Drug Abuse and Addiction Research Programs	93.279		-		52,968	Yale University	GR104754	52,968	•
	Drug Abuse and Addiction Research Programs	93.279		-		53,410	Yale University	GR110961 (CON-80002662)	53,410	-
	Centers for Disease Control and Prevention_Investigations and Technical Assistance	93.283		-		1,144	Emory University	A385972	1,144	•
	Centers for Disease Control and Prevention_Investigations and Technical Assistance	93.283				14,542	Stony Brook University	20-A0-00-1005718	14,542	
	Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		5,498,6		-			5,498,683	233,127
	Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		127,2		-	0171 10 5 11 171	00004000 04	127,272	-
	Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-		19,706	Children'S Research Institute	30004680-04	19,706	-
	Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-		53,170	Cincinnati Children's Hospital	314370 A571715	53,170	•
	Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-		30,503	Emory University	K003169-00-S02 Mod 01	80,503	-
	Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286 93.286		-		24,300 31.436	Kitware Inc.	N006269303	24,300 31,436	18.547
	Discovery and Applied Research for Technological Innovations to Improve Human Health Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286				(1,156)	Regents of The University of Minnesota Riverside Research Institute	NYO.1187.00057.16	(1,156)	16,547
	COVID-19 Minority Health and Health Disparities Research	93.307		787.5		(1,150)	Riverside Research institute	NTO.1167.00057.16	787.586	96.569
	Minority Health and Health Disparities Research	93.307		4.899.8		-			4.899.804	825,784
	Minority Health and Health Disparities Research	93.307		4,099,0		35.857	Columbia University	8(GG017227-02)	35.857	623,764
	Minority Health and Health Disparities Research	93.307				13,890	George Washington University	21-M44	43.890	
	Minority Health and Health Disparities Research	93.307		-		1.705	Rand Corporation	SCON-00000078	1.705	-
	Minority Health and Health Disparities Research	93.307		-		1,279	Rand Corporation	SCON-00000078	1,703	-
	Minority Health and Health Disparities Research	93.307		-		53,489	Rutgers University	2139	53.489	
	Minority Health and Health Disparities Research	93.307		-		97.759	University of California Los Angeles	1557 G UB690	97.759	
	Minority Health and Health Disparities Research	93.307				39,569	University of California Eds Angeles University of California San Francisco	13035sc	389.569	
	Minority Health and Health Disparities Research	93.307		715.8		-	onrody or camorna carrivations	100000	715,835	28.861
	Minority Health and Health Disparities Research	93.307		. 10,0		38.870	Boston Medical Center	04-02 NYU 05386	38,870	20,001
	Minority Health and Health Disparities Research	93.307				13.485	Columbia University	1(GG012238-01) Amd 04	13.485	
	Minority Health and Health Disparities Research	93.307				10,465	Rutgers University	2138	340.156	_
	Minority Health and Health Disparities Research	93.307		-			University of Georgia	SUB00002058 Yr 3	21,128	
	,				_	,		-	,	

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Minority Health and Health Disparities Research	93.307	\$ -	\$ 3	Yale University	GR107368(CON-80001890) Amendment 3	\$ 3	\$ -
	COVID-19 Trans-NIH Research Support	93.310	(234,949)			Amendment 3	(234,949)	(343,905)
	Trans-NIH Research Support	93.310	13.117.372	=			13.117.372	3,752,462
	Trans-NIH Research Support	93.310	948,223				948,223	73,918
	Trans-NIH Research Support	93.310	340,223	53,472	Brown University	00001862	53.472	75,510
	Trans-NIH Research Support	93.310		8,639	Columbia University	2(GG017680-01)	8.639	
	Trans-NIH Research Support	93.310		60,322	Columbia University	3(GG017590-05)	60.322	
	Trans-NIH Research Support	93.310		6.355	Connecticut Children's	22-181075-03	6.355	
	Trans-NIH Research Support	93.310		28.496	Duke University	2037934	28.496	
	Trans-NIH Research Support	93.310		2.730	Duke University	A03-3801	2.730	
	Trans-NIH Research Support	93.310		96,470	Narrows Institute for Biomedical Research	19-A0-00-1002521	96.470	
	Trans-NIH Research Support	93.310		56.852	Oregon Health & Science University	1014493 NYU	56.852	
	Trans-NIH Research Support	93.310	_	68.071	Yale University	CON-80003429 (GR115119)	68.071	
	Emerging Infections Programs	93.317	_	230	Eastern Virginia Medical School	S270141-25	230	
	The Healthy Brain Initiative: Technical Assistance to Implement Public Health Actions related to Cognitive Health,	93.334	559.025				559.025	_
	Cognitive Impairment, and Caregiving at the State and Local Levels		,				,	
	COVID-19 National Center for Advancing Translational Sciences	93.350	9.655.027				9.655.027	1.602.951
	COVID-19 National Center for Advancing Translational Sciences	93.350	-	1.117	Albert Einstein College of Medicine	311784	1.117	-
	National Center for Advancing Translational Sciences	93.350	12,885,782	· -	· · ·		12,885,782	1,360,481
	National Center for Advancing Translational Sciences	93.350	-	(452)	Boston University	4500003370	(452)	-
	National Center for Advancing Translational Sciences	93.350		101.824	Sphervx Inc.	1 A02	101.824	-
	National Center for Advancing Translational Sciences	93.350		26,164	University of Illinois at Chicago	18565	26,164	
	21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		402,157	Dana-Farber Cancer Center	1205904	402,157	-
	21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		238,125	Dana-Farber Cancer Center	1244010	238,125	-
	21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		353,173	University of Utah	10048536-01	353,173	-
	COVID-19 21st Century Cures Act - Beau Biden Cancer Moonshot	93.353	-	5,352	University of Utah	10048536-01	5,352	-
	Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response	93.354	-	4,284	JSI Research and Training Institute Inc.	DrN-NYU1-10172022-0001	4,284	-
	Biomedical Advanced Research and Development Authority (BARDA), Biodefense Medical Countermeasure	93.360		68,352	Mapp Biopharmaceutical, Inc.	20-A0-00-1004376	68,352	
	Development							
	Nursing Research	93.361	1,121,590				1,121,590	127,453
	Nursing Research	93.361	2,572,522				2,572,522	181,274
	Nursing Research	93.361		19,792	Icahn School of Medicine at Mount Sinai	0255-C121-4609 - Amend2	19,792	
	Nursing Research	93.361		102,042	Icahn School of Medicine at Mount Sinai	0255-F241-4609	102,042	-
	Nursing Research	93.361	-	82,773	Icahn School of Medicine at Mount Sinai	0255-F241-4609; 5R01NR019792-02; AMENDMENT 2	82,773	-
	Nursing Research	93.361		26,946	Stanford University	62080080-125082	26.946	
	Cancer Cause and Prevention Research	93.393	10.631.398				10,631,398	1,469,774
	Cancer Cause and Prevention Research	93.393	598.499				598,499	274,388
	Cancer Cause and Prevention Research	93.393	-	14.657	Case Western Reserve University	RES513827	14.657	
	Cancer Cause and Prevention Research	93.393		61,137	George Washington University	20-M119 Yr 3	61.137	-
	Cancer Cause and Prevention Research	93.393		25,138	Georgetown University	425076 GR424531-NYUGSM	25.138	-
	Cancer Cause and Prevention Research	93.393		22,411	Harvard University	117202-5104484	22,411	
	Cancer Cause and Prevention Research	93.393		29,211	Iowa State University	023864A Mod 2	29,211	
	Cancer Cause and Prevention Research	93.393		1,067	Johns Hopkins University	21-A0-00-1006802	1.067	
	Cancer Cause and Prevention Research	93.393		8,471	Johns Hopkins University	2005330186	8.471	-
	Cancer Cause and Prevention Research	93.393		7,622	Memorial Sloan Kettering Cancer Center	5 R01 CA207442-05	7,622	
	Cancer Cause and Prevention Research	93.393		23,321	Memorial Sloan Kettering Cancer Center	5 R01 CA207442-06	23,321	
	Cancer Cause and Prevention Research	93.393		111,772	New York-Presbyterian/Weill Cornell Medicine	221105	111,772	
	Cancer Cause and Prevention Research	93.393		78,157	Pennsylvania State University	NYUCA173465 A02	78,157	
	Cancer Cause and Prevention Research	93.393		7,824	Rutgers University	1367	7,824	
	Cancer Cause and Prevention Research	93.393		10,278	Surgivance Inc.	19-A0-00-1002706	10,278	
	Cancer Cause and Prevention Research	93.393	-	17,488	The Rockefeller University	SUB00000142_AMD1	17,488	-
	Cancer Cause and Prevention Research	93.393	-	173,341	University of New Mexico	3RCQ4	173,341	-

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	P	ass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Cancer Cause and Prevention Research	93.393	\$	- \$	14,988	University of California San Diego	86288856 S9001612) Amendment 004	\$ 14,988	\$ -
	Cancer Cause and Prevention Research	93.393			315,673	University Of North Carolina - Chapel Hi	5118235	315,673	
	Cancer Cause and Prevention Research	93.393		_	53,130	University of Wisconsin Madison	000000901 Mod 2	53.130	
	COVID-19 Cancer Cause and Prevention Research	93.393	1,096,2	274	-	Chirotolly of Photosical Maddoor	COCCOCCO MOG E	1,096,274	
	Cancer Detection and Diagnosis Research	93.394	5,340,					5,340,227	1.298.749
	Cancer Detection and Diagnosis Research	93.394	-,,-	-	(3.420)	Boston University	4500004241, 4500004242	(3,420)	-
	Cancer Detection and Diagnosis Research	93.394		-	41.686	Case Western Reserve University	RES516211	41.686	
	Cancer Detection and Diagnosis Research	93.394		-	11.300	City University of New York	CM000004951-00	11.300	
	Cancer Detection and Diagnosis Research	93.394		-	51,177	Johns Hopkins University	2004249337	51,177	
	Cancer Detection and Diagnosis Research	93.394		-	139,409	Northwestern University	60058989 NYUSOM	139,409	
	Cancer Detection and Diagnosis Research	93.394		-	43.832	University of Michigan	SUBK00014247	43.832	
	Cancer Detection and Diagnosis Research	93.394		-	53,126	University Of Texas Southwestern Medical	GMO: 210504	53.126	
	COVID-19 Cancer Detection and Diagnosis Research	93.394	120.0	002	-			120.002	45,033
	Cancer Treatment Research	93.395	8,216,	300				8,216,300	692,101
	Cancer Treatment Research	93.395	936,		-			936,543	135,425
	Cancer Treatment Research	93.395		-	749	Case Western Reserve University	27469-123	749	
	Cancer Treatment Research	93.395		-	297,547	Children's Hospital/Boston	GENFD0002027145	297,547	
	Cancer Treatment Research	93.395		-	411,849	Cynvec LLC.	19-A0-00-1003874	411,849	
	Cancer Treatment Research	93.395		-	225,958	Dana-Farber Cancer Center	1288103	225,958	
	Cancer Treatment Research	93.395		-	4,621	Eastern Cooperative Oncology Group	U10CA180820-01-NYU1	4,621	
	Cancer Treatment Research	93.395		-	127,387	Eastern Cooperative Oncology Group	U10CA180820-06-NYU1A	127,387	
	Cancer Treatment Research	93.395		-	257,330	Massachusetts General Hospital	#227583	257,330	
	Cancer Treatment Research	93.395		-	264,312	Massachusetts General Hospital	233272	264,312	
	Cancer Treatment Research	93.395		-	277,974	Md Anderson Cancer Center	3001544835	277,974	-
	Cancer Treatment Research	93.395		-	265,630	Medical University of South Carolina	A00-3465-S001	265,630	-
	Cancer Treatment Research	93.395		-	200,773	Memorial Sloan Kettering Cancer Center	C21957411	200,773	
	Cancer Treatment Research	93.395		-	121,930	New York-Presbyterian/Weill Cornell Medicine	213821	121,930	-
	Cancer Treatment Research	93.395		-	307,000	Nrg Oncology	2021-001	307,000	-
	Cancer Treatment Research	93.395		-	155	Nrg Oncology	BIQSFP NRG-BN011	155	-
	Cancer Treatment Research	93.395		-	64,416	Periomics Care LLC.	1R41CA250892-01	64,416	-
	Cancer Treatment Research	93.395		-	31,330	Public Health Institute	AR03275	31,330	-
	Cancer Treatment Research	93.395		-	90,615	Tezcat Laboratories	21-A0-00-1006992	90,615	
	Cancer Treatment Research	93.395		-	57,661	Tezcat Laboratories	22-A0-00-1007484	57,661	-
	Cancer Treatment Research	93.395		-	10	The Children's Hospital Of Philadelphia	15221_SUB868_01	10	-
	Cancer Treatment Research	93.395		-	4,000	The Children's Hospital Of Philadelphia	FP00013087_SUB209_01	4,000	
	Cancer Treatment Research	93.395		-	28,402	The Children's Hospital Of Philadelphia	FP00026529_SUB97_01	28,402	
	Cancer Treatment Research	93.395		-	14,706	University of Pennsylvania	576794 Amd 2	14,706	
	COVID-19 Cancer Treatment Research	93.395	837,	924	-			837,924	36,883
	COVID-19 Cancer Treatment Research	93.395		-	276,679	Duke University	116	276,679	-
	Cancer Biology Research	93.396	12,248,		-			12,248,517	645,322
	Cancer Biology Research	93.396	673,0	079	-			673,079	-
	Cancer Biology Research	93.396		-	64,298	Columbia University	C1(GG013650-08)-PROJECT 3	64,298	
	Cancer Biology Research	93.396		-	180,537	Dana-Farber Cancer Center	1198610	180,537	
	Cancer Biology Research	93.396		-	229,424	Georgia Tech Research Corporation	AWD-101351-G1	229,424	
	Cancer Biology Research	93.396		-	378,898	Md Anderson Cancer Center	3001751142	378,898	-
	Cancer Biology Research	93.396		-	329,821	Memorial Sloan Kettering Cancer Center	BD523773D	329,821	-
	Cancer Biology Research	93.396		-	184,799	Memorial Sloan Kettering Cancer Center	SUB00000365AM2	184,799	-

Cluster	Federal Agency and Program Title	Assistance Listing	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/	Total Expenditures	Passed to Sub-
- Judioi		Number		•	• •	Contract Award Number	·	Recipients
	Cancer Biology Research	93.396	\$ -	\$ 12,531	Northwestern University	60061067 NYU	\$ 12,531	\$ -
	Cancer Biology Research	93.396	-	3,410	Rutgers University	1724	3,410	-
	Cancer Biology Research	93.396	-	(16,921)	Sloan Kettering Institute for Cancer Research	BD520651D	(16,921)	-
	Cancer Biology Research	93.396	-	5,719	The Children's Hospital Of Philadelphia	GRT-00001889	5,719	-
	Cancer Biology Research	93.396	-	8,954	University of California Los Angeles	0865 G YB606	8,954	-
	Cancer Biology Research	93.396		29,217	University of California San Francisco	12695sc	29,217	
	Cancer Biology Research	93.396		34,137	Yale University	CON-80003463(GR115260)	34,137	
	Cancer Centers Support Grants	93.397	5,711,524	-			5,711,524	41,149
	Cancer Centers Support Grants	93.397		18,472	Albert Einstein College of Medicine	312138	18,472	
	Cancer Centers Support Grants	93.397	-	90,379	Albert Einstein College of Medicine	311958 Amend 1 supplemental funds	90,379	-
	Cancer Centers Support Grants	93.397	-	84,969	Indiana University	9214	84,969	-
	Cancer Research Manpower	93.398	1,501,570	-			1,501,570	
	Cancer Research Manpower	93.398		34,429	H Lee Moffitt Cancer Center and Researsh Institute	10-18711-05-01-G3	34,429	
	Cancer Control	93.399		10,858	Case Western Reserve University	20-A0-00-070834	10,858	
	Cancer Control	93.399		113,404	Leidos Biomedical Research, Inc.	TO#: 18X100F2	113,404	
	Cancer Control	93.399		108,226	Luna, Inc.	3483.02NYU	108,226	
	Cancer Control	93.399		5,144	Public Health Institute	UG1CA189955	5,144	
	Cancer Control	93.399		380	The Children's Hospital Of Philadelphia	20-A0-00-1004639	380	
	Cancer Control	93.399	_	203,214	University of Georgia	SUB00002152-3U	203,214	_
	Cancer Control	93.399		22.186	Westat Inc.	6410-S-04-TO1	22.186	
	COVID-19 Strengthening Public Health Systems and Services through National Partnerships to Improve and	93.421		306,657	Asian/Pacific Islander American Health Forum	20-A0-00-1005825	306,657	
	Protect the Nation's Health							
	COVID-19 Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	93.421	-	223,554	Asian/Pacific Islander American Health Forum	NYU-FPRR-2021	223,554	-
	COVID-19 Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	93.421	-	83,585	The Task Force For Global Health, Inc	PO 3837	83,585	-
	Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	93.421	-	60,168	Asian/Pacific Islander American Health Forum	NYU-IPC-2021	60,168	-
	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433	589,535				589,535	
	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433	,	3.215	Craig Hospital	2694-RuskBY3	3.215	
	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93 433		7.185	Indiana University	8694	7.185	
	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		12.535	Public Health Institute	00622 (90DP0081-01-01) Amd 3	12,535	
	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		51.197	Public Health Institute	03349-AR14422	51,197	
	National Harm Reduction Technical Assistance and Syringe Services Program (SSP) Monitoring and Evaluation	93.488		13,772	University of Washington	UWSC11453 Amd 1	13.772	
	Funding Opportunity			,	, · ·g		,	
	National Harm Reduction Technical Assistance and Syringe Services Program (SSP) Monitoring and Evaluation Funding Opportunity	93.488	-	152,248	University of Washington	UWSC11453 Amd 3	152,248	-
	ACA-Transforming Clinical Practice Initiative: Practice Transformation Networks (PTNs)	93.638	(197)	_			(197)	
	Mental and Behavioral Health Education and Training Grants	93.732	502,723	-			502,723	-
	Centers for Medicare and Medicaid Services (CMS) Research, Demonstrations and Evaluations	93.779	302,720	54,258	Yale New Haven Health System	21-A0-00-1007631	54.258	
	Cardiovascular Diseases Research	93.837	32.138.149	34,230	Tale New Haveli Health Oystelli	21-740-00-1007031	32,138,149	5.811.465
	Cardiovascular Diseases Research	93.837	1.570.798				1.570.798	369.011
	Cardiovascular Diseases Research	93.837	1,570,730	1.976	Brigham & Women's Hospital	17-WH-CN-100027	1,976,796	303,011
	Cardiovascular Diseases Research	93.837		1,376	Case Western Reserve University	RES511863	1,376	
	Cardiovascular Diseases Research	93.837		(1,102)		1(GG012712-01)	(1,102)	
	Cardiovascular Diseases Research	93.837		988	Columbia University	7(GG015243-01)	988	
	Cardiovascular Diseases Research	93.837		64.100	Columbia University	8(GG015243-01) Amd 1	64.100	
	Cardiovascular Diseases Research	93.837	•	2,362	Downstate Medical Center (SUNY)	100-1091654-90560	2,362	-
	Cardiovascular Diseases Research	93.837	•	16.347	Icahn School of Medicine at Mount Sinai	0255-E231-4609 A01	16.347	-
	Cardiovascular Diseases Research	93.837		385,282	Lousiana State University Health New Orleans	0255-E231-4609 A01 20-92-005	16,347 385.282	•
								•
	Cardiovascular Diseases Research	93.837	-	46,338	Mayo Clinic	NEW-271673/PO #67491353	46,338	
	Cardiovascular Diseases Research	93.837 93.837	-	52	Medstar Health Research Institute	5001921634	52	
	Cardiovascular Diseases Research		-	212	Mount Sinai School of Medicine	0249-4004-4605	212	
	Cardiovascular Diseases Research	93.837 93.837	-	155,185	Mount Sinai School of Medicine	0254-3895-4609 0255-E231-4609	155,185 281.334	
	Cardiovascular Diseases Research	93.037	-	281,334	Mount Sinai School of Medicine	UZDD-EZD 1-40U9	281,334	-

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/	Total Expenditures	Passed to Sub- Recipients
	Configuration Pinners Parameter	00.007	s .	\$ 66,930	National Children's Housian	Contract Award Number	£ 66.030	\$
	Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837 93.837	\$ -	\$ 66,930 32,928	Nationwide Children's Hospital	700180-1122-00 212515	\$ 66,930 \$ 32,928	\$ -
	Cardiovascular Diseases Research	93.837		18,295	New York-Presbyterian/Weill Cornell Medicine Northwestern University	60058632 NYU	\$ 32,926 18.295	-
								-
	Cardiovascular Diseases Research	93.837	-	(264,040)	New York Academy Of Medicine	GT002661_NYU_SOM	(264,040)	-
	Cardiovascular Diseases Research	93.837	-	209	Ohio State University	GR119800	209	-
	Cardiovascular Diseases Research	93.837	-	16,179	Ohio State University	GR126030 SPC-1000006049	16,179	-
	Cardiovascular Diseases Research	93.837		136,111	Rutgers University	1733	136,111	-
	Cardiovascular Diseases Research	93.837		17,898	Tamkeen NYU Abu Dhabi	OS00000881	17,898	-
	Cardiovascular Diseases Research	93.837		7,469	Washington University	WU-22-0333-MOD-2	7,469	-
	Cardiovascular Diseases Research	93.837		64,187	Tufts University	NH0001 Yr 2	64,187	-
	Cardiovascular Diseases Research	93.837	-	181,641	University of Alabama at Birmingham	000528903-SC002	181,641	-
	Cardiovascular Diseases Research	93.837	-	94,873	University of Massachusetts, Worcester	OSP27238-NYU	94,873	-
	Cardiovascular Diseases Research	93.837	-	4,826	University of Miami	OS00000855	4,826	-
	Cardiovascular Diseases Research	93.837	-	21,910	University of Miami Miller School of Medicine	OS00000775AM2	21,910	-
	Cardiovascular Diseases Research	93.837	-	290	University of Rochester	417522G/UR FAO GR510851	290	-
	Cardiovascular Diseases Research	93.837	-	426,848	University of Washington	UWSC12145	426,848	-
	Cardiovascular Diseases Research	93.837	-	67,871	University of Washington	UWSC12146	67,871	-
	Cardiovascular Diseases Research	93.837	-	220,639	University of California San Francisco	11294sc	220,639	-
	Cardiovascular Diseases Research	93.837	-	33,239	University of Michigan	SUBK00015230	33,239	-
	Cardiovascular Diseases Research	93.837	-	8,440	University of North Carolina at Chapel Hill	5118768	8,440	-
	Cardiovascular Diseases Research	93.837	-	24,258	University of North Carolina at Chapel Hill	5120350	24,258	-
	Cardiovascular Diseases Research	93.837	-	98,201	Vanderbilt University Medical Center	VUMC75904	98,201	-
	Cardiovascular Diseases Research	93.837	-	4,267	Vanderbilt University	VUMC99716	4,267	-
	Cardiovascular Diseases Research	93.837	-	8,663	Washington University/St. Louis School of Medicine	WU-21-431	8,663	-
	Cardiovascular Diseases Research	93.837	-	181,835	Westat Inc.	6793-00-RC004	181,835	6,916
	COVID-19 Cardiovascular Diseases Research	93.837	63,587	-			63,587	-
	COVID-19 Cardiovascular Diseases Research	93.837	-	811,939	Westat Inc.	6793-02-S013	811,939	291,700
	COVID-19 Lung Diseases Research	93.838	89,864,249				89,864,249	75,749,344
	Lung Diseases Research	93.838	441,770	-			441,770	-
	Lung Diseases Research	93.838	-	33,469	Cvpath Institute, Inc.	21-A0-00-1007507	33,469	-
	Lung Diseases Research	93.838	-	58,629	New York-Presbyterian/Weill Cornell Medicine	220367-4	58,629	-
	Lung Diseases Research	93.838	-	62,153	Northshore University Health Systems	EH17-325-S2	62,153	-
	Lung Diseases Research	93.838	-	6,053	Northwestern University	160053487 NYU	6,053	-
	Lung Diseases Research	93.838	-	359,404	Rhode Island Hospital	7137715	359,404	-
	Lung Diseases Research	93.838	-	356,491	Rti Health Solutions	31-312-0217571-66402L	356,491	272,300
	Lung Diseases Research	93.838	-	43,471	Stanford University	62346242-131009	43,471	-
	Lung Diseases Research	93.838	-	23,726	University of Cincinnati	013615-00003/00004	23,726	-
	Lung Diseases Research	93.838	-	6,102	University of Illinois at Chicago	18843	6,102	-
	Lung Diseases Research	93.838	-	11,760,395	University of Pittsburgh Medical Center	AWD00002796-1A0	11,760,395	8,346,795
	Lung Diseases Research	93.838	-	32,035	Yale University, School of Medicine	GR110769(CON-80002544)	32,035	-
	Blood Diseases and Resources Research	93.839	994,600				994,600	199,991
	Blood Diseases and Resources Research	93.839	-	22,511	Cleveland Clinic Foundation	CCF21110593	22,511	-
	Blood Diseases and Resources Research	93.839		9,721	Rutgers University	SS01501	9,721	-
	Blood Diseases and Resources Research	93.839		439,616	University Of Pennsylvania	583262	439,616	-
	Blood Diseases and Resources Research	93.839	-	43,258	Washington University	WU-18-220-MOD-3	43,258	
	Blood Diseases and Resources Research	93.839		7,276	Washington University	WU-18-273-MOD-3	7,276	-
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	1,646,389	-	•		1,646,389	283,063
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	225,500	-			225,500	-
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	-	29,759	Case Western Reserve University	RES515477	29,759	

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	\$ -	\$ (1,178)	Case Western Reserve University	RES516378	\$ (1,178)	\$ -
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	-	11,088	Covance Inc.	caProtocol # 20203331	11,088	
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	-	197,084	Kintampo Health Research Centre	Hy-Trec 001	197,084	
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	-	(9,475)		19-A0-00-1002675	(9,475)	
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	-	23,377	Northwestern University	60057974 NYU	23,377	
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	-	10,412	University of Washington	UWSC13652	10,412	
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840	-	154,756	University of Washington	UWSC13675	154,756	-
	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders Arthritis. Musculoskeletal and Skin Diseases Research	93.840 93.846	11.542.807	341,152	University of Abuja	NYU 001	341,152 11.542.807	1.093.478
	Arthritis, Musculoskeletal and Skin Diseases Research Arthritis. Musculoskeletal and Skin Diseases Research	93.846	11,542,807	16.058	Brigham & Women's Hospital	119899	11,542,807	1,093,478
	Arthritis, Musculoskeletal and Skin Diseases Research	93.846		9.526	Cincinnati Children's Hospital	306894	9.526	•
	Arthritis, Musculoskeletal and Skin Diseases Research Arthritis. Musculoskeletal and Skin Diseases Research	93.846	-	9,526	Hospital for Special Surgery	5R01AR077145-02 A01	9,526	
	Arthritis, Musculoskeletal and Skin Diseases Research Arthritis. Musculoskeletal and Skin Diseases Research	93.846		11,231	Mount Sinai School of Medicine	0255-G021-4609	11,231	•
	Arthritis, Musculoskeletal and Skin Diseases Research Arthritis. Musculoskeletal and Skin Diseases Research	93.846		121.968	University Of Pennsylvania	577986	121.968	•
	Arthritis, Musculoskeletal and Skin Diseases Research	93.846		40.706	University of Rochester	SUB00000298/URFAO:GR53226	40.706	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	9.510.019	40,700	University of Nochester	30B00000290/0KFAO:GR33220	9.510.019	862.441
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	1.108.488				1.108.488	002,441
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	1,100,100	48.483	Albert Einstein College of Medicine	31126D	48.483	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		74.498	Albert Einstein College of Medicine	311303	74.498	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		65,573	Augusta University Research Institute	32307-79	65.573	59.763
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		36,448	Columbia University	1(GG015926-02)	36.448	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		(18,391)	George Washington University	19-B04	(18,391)	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		83,687	George Washington University	20-B04	83,687	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		113,329	Johns Hopkins University	2005476879	113,329	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		167	Md Anderson Cancer Center	3001657188	167	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	(8,031)	Montana State University	G197-19-W7522	(8,031)	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	55,252	Mount Sinai School of Medicine	0255-4476-4609	55,252	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		176,467	The Rockefeller University	21-A0-00-1006207	176,467	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	24,555	Rush University Medical Center	16091506-Sub01	24,555	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	6,041	Rutgers University	0113 (Mod 5)	6,041	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	61,954	Stanford University	62713287-213702	61,954	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	5,717	Tulane University	TUL-HSC-560068-22/23	5,717	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	8,031	University of California San Francisco	12644sc	8,031	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	6,847	University of Ghana	5U54DK116913-10	6,847	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	21,231	University Of Pennsylvania	572700	21,231	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	14,979	University Of Pennsylvania	579594	14,979	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	33,608	University Of Pennsylvania	582481	33,608	
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	76,854	University Of Pennsylvania	582534	76,854	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	6,080	University of South Florida	#3732	6,080	-
	Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	-	112,624	University Of Colorado Denver	FY22.269.003	112,624	-

Diabetes, Digestive, and Kridney Diseases Extramural Research 93.847 \$ - \$ \$ 8,750 University of Michigan SUBK0001213 \$ 1	3,828 5,536 16,836 87,273 895,322 35,820,304 4,361,403 131,999 158,112 21,768 9,250 23,852 49,130 145,656 45,035 3,398 15,400	4,550,704 438,368
Diabetes, Digestive, and Kidney Diassese Extramural Research 93.847 - 5.536 Wake Forest University 96-101750-110154	5.536 87.273 895.322 35.620,304 4.361,403 131,999 156,112 21,768 9,765 9,250 23,852 49,130 145,656 45,035 3,398 15,400	4,550,704 438,368
Diabetes, Digestive, and Kidney Diseases Extramural Research 93.847 97.273 16.836 Wake Forest University 96-101750-110154 93.847 87.273 16.873 93.847 87.273 16.873 93.847 87.273 -	16.836 87.273 895,322 36.620,304 4.361,403 131,999 158,112 21,768 9.250 23.852 49,130 145,656 45,035 3,398 15,400	4,550,704 438,368 - - - - - - - -
Diabetes, Digestley, and Kidney Diseases Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 865,522 - Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 855,200,304 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 4,261,403 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 4,261,403 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 4,261,403 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 153,192 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 152,192 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 12,852 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 2,852 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 2,852 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 2,852 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 2,852 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 4,513 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 4,513 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 4,513 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 145,605 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 145,605 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15,400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15,400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15,400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 10,400 Extramural Research Program	87,273 895,322 36,620,304 4,361,403 131,999 158,112 21,768 9,765 9,250 23,852 49,130 145,656 45,035 3,398 15,400	4,550,704 438,368
COVID-19 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 85,620,304 - Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 5,620,304 - Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 4,361,403 - Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 135,112 88,000 College of Medicine PO 7000001288 A01 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 158,112 88,000 College of Medicine PO 7000001288 A01 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 158,112 88,000 College of Medicine PO 7000001288 A01 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 21,768 89 Boston University 10,000 14,000	895,322 35,820,304 4,361,403 131,999 158,112 21,768 9,765 9,250 23,852 49,130 145,656 45,035 3,398 15,400	4,550,704 438,368 - - - - - - - - - -
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 4,831 (430 s - 1 s	35,820,304 4,361,403 131,999 158,112 21,768 9,765 9,250 23,852 49,130 145,656 45,035 3,398 15,400	4,550,704 438,368
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 131.99 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 188.112 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 188.112 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 21.768 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 10.400 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 10.400 Extramur	4,361,403 131,999 158,112 21,768 9,765 9,250 23,852 49,130 145,656 45,035 3,398 15,400	438,368
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 131,999 Allon Institute 2022-0140	131,999 158,112 21,768 9,765 9,250 23,852 49,130 145,656 45,035 3,398 15,400	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 18.8,12 Boston University 45000001288 A01 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.765 CND Life Sciences 118.44NS117214 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9.250 Columbia University 1 (GG014587) Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 23.852 Columbia University 1 (GG013374-01) AMD 4 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 49.130 Columbia University 1 (GG013374-01) AMD 4 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 45.050 Columbia University 1 (GG017644-02) Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 45.050 Columbia University 1 (GG017705-02) Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 45.050 Columbia University 1 (GG017705-02) Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.00 Columbia University 9 (GG017143-08) A01 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.00 Columbia University 9 (GG017143-08) A01 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15.00 Columbia University 9 (Go017143-08) A03-000278 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 16.04 Columbia University 9 (G0017143-08) A03-000278 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 10.04 Columbia University 9 (G0017143-08) A03-000278 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 10.04 Columbia University 9 (G0017143-08) A03-000278 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 10.04 Columbia University 9 (G001743-074717216) Extramural Research Programs in the Neurosciences and Neu	158,112 21,768 9,765 9,250 23,852 49,130 145,656 45,035 3,398 15,400	
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Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 489,046 Massachusetts General Hospital 239654 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 849,748 Massachusetts General Hospital 239655 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 203,622 Massachusetts Institute of Technology S5071 - PC#476438 Year 2 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9,993 Medical University of South Carolina A20-0051-S002	15,975	-
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 844,978 Massachusetts General Hospital 239655 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 205,822 Massachusetts Institute of Technology S071 - P0#476438 Year 2 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9,993 Medical University of South Carolina A20-0051-S002	9,212	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 203.622 Massachusetts Institute of Technology S5071 - P0#476438 Year 2 Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9,993 Medical University of South Carolina A20-0051-S002	489,046	-
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 9,993 Medical University of South Carolina A20-0051-S002	844,978	-
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Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 189,407 Mount Sinai School of Medicine 0255-E771-4609	189,407	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 12,375 Mount Sinai School of Medicine 0255-F851-4609	12,375	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 46,224 New Jersey Institute of Technology 997809GSM	46,224	-
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 66.270 New York Genome Center 2019-0018-NYU-01 A03	66,270	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 82,863 New York Genome Center 2019-0035-NYU-01 A01	82,863	-
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 15,739 Northwestern University 60054977 NYU	15,739	-
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 1,060 Northwestern University 60054977-NYU-FR	1,060	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 178,176 Ohio State University GR128737 SPC-1000006867	178,176	-
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 107,518 Purdue University 11000790-010	107,518	-
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 107,909 Research Foundation of CUNY on behalf of City University of New York CM00001407-04 A04	107,909	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 611.697 Stanford University 61752758-128582	611,697	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 11,413 Stanford University 61869960-125439	11,413	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 12,601 Temple University 264814-NYU	12,601	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 328 The Regents of The University of California 9835sc		
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 279.350 University of California At Berkeley 00010180	328	
Extramural Research Programs in the Neurosciences and Neurological Disorders 93.853 - 35.554 University of Cincinnati 010785-138466	328 279.350	

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pa	ass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Ex	enditures	d to Sub- ipients
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	\$ -	\$	10,799	University of Cincinnati	012043-138466	\$	10,799	\$ -
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		1,300	University of Cincinnati	012044-138466		1,300	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		148	University of Cincinnati	012340-138466		148	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		26,810	University of Southern California	132589641		26,810	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		472	University of Tennessee	18-A0-00-1001518		472	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		218,278	University of California Los Angeles	2000 G WM035 A01		218,278	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		20,719	University of Chicago	AWD101996 (SUB00000504)		20,719	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		851,359	University of Chicago	FP066214-02-PR-C		851,359	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		460,367	University of Chicago	FP066214-02-PR-F		460,367	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		6,062	University of Cincinnati College of Medicine	011337-138466		6,062	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		12,753	University Of Colorado Denver	FY21.237.005_AMD2		12,753	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		23,680	University Of Colorado Denver	FY21.620.002		23,680	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		21,413	University of Georgia	SUB00002740		21,413	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		82,372	University of Michigan	SUBK00010533		82,372	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		838,586	University of Rochester	417852-G / UR FAO GR511130 A02		838,586	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853			(36,364)	University of Rochester	417852G/UR FAO GR511130		(36,364)	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		2,519	University of Rochester	417852G/UR FAO GR511130 A03		2,519	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		1,329	University of Washington	UWSC10761 A02		1,329	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		122,491	University of Washington	UWSC10761 A04		122,491	-
	Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	-		53,140	Weill Cornell Medical College	212518		53,140	-
	Allergy and Infectious Diseases Research	93.855	23,245,755		-				3,245,755	2,151,762
	Allergy and Infectious Diseases Research	93.855	3,353,801		-				3,353,801	882,556
	Allergy and Infectious Diseases Research	93.855	-		(3,864)	Aaron Diamond Aids Research Center	A09-200-NYU-Kong		(3,864)	-
	Allergy and Infectious Diseases Research	93.855	-		27,549	Benaroya Research Institute at Virginia	FY21ITN421		27,549	-
	Allergy and Infectious Diseases Research	93.855	-		180,014	Benaroya Research Institute at Virginia	FY22ITN552		180,014	-
	Allergy and Infectious Diseases Research	93.855	-		55,371	Celdara Medical, LLC.	22-A0-00-1007906		55,371	-
	Allergy and Infectious Diseases Research	93.855	-		83,602	Columbia University	1(GG017900-01)		83,602	-
	Allergy and Infectious Diseases Research	93.855	-		102,649	Columbia University	3(GG012754-25)		102,649	-
	Allergy and Infectious Diseases Research	93.855	-		933	Feinstein Institute for Medical Research	AWD00001202 - NYU		933	-
	Allergy and Infectious Diseases Research	93.855	-		78,238	Fred Hutchinson Cancer Research Center	0001064988		78,238	-
	Allergy and Infectious Diseases Research	93.855	-		200,646	Fred Hutchinson Cancer Research Center	0001081382		200,646	-
	Allergy and Infectious Diseases Research	93.855	-		2,017	Johns Hopkins University	18-A0-00-1001680		2,017	-
	Allergy and Infectious Diseases Research	93.855	-		2,149	Johns Hopkins University	19-A0-00-1003004		2,149	-
	Allergy and Infectious Diseases Research	93.855	-		6,437	Johns Hopkins University	LDR 03		6,437	-
	Allergy and Infectious Diseases Research	93.855	-		77,616	Johns Hopkins University	TO#: LDR 04 MOD 01		77,616	-
	Allergy and Infectious Diseases Research	93.855	-		40,188	Leidos Biomedical Research, Inc.	22CTA-DM0016		40,188	-
	Allergy and Infectious Diseases Research	93.855	-		296,461	Lyndra Therapeutics Inc.	084		296,461	-
	Allergy and Infectious Diseases Research	93.855	-		26,076	Massachusetts General Hospital	234439		26,076	-
	Allergy and Infectious Diseases Research	93.855	-		33,623	Mount Sinai School of Medicine	0255-B891-4609		33,623	-
	Allergy and Infectious Diseases Research	93.855	-		71,255	Mount Sinai School of Medicine	0255-D001-4609		71,255	-

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Allergy and Infectious Diseases Research	93.855	\$ -	\$ 20,994	Mount Sinai School of Medicine	0255-D231-4609	\$ 20,994	s -
	Allergy and Infectious Diseases Research	93.855		98,065	Mount Sinai School of Medicine	0255-D341-4609	98,065	_
	Allergy and Infectious Diseases Research	93.855		78,343	Mount Sinai School of Medicine	0255-E321-4609	78,343	-
	Allergy and Infectious Diseases Research	93.855		328,452	Mount Sinai School of Medicine	0258-A504-4609	328.452	-
	Allergy and Infectious Diseases Research	93.855		99.996	Neochromosome Inc.	Neo-NYU-HLA	99.996	-
	Allergy and Infectious Diseases Research	93.855		13,788	Northeastern University	500828-78052	13.788	-
	Allergy and Infectious Diseases Research	93.855		37.935	Princeton University	SUB0000173	37.935	-
	Allergy and Infectious Diseases Research	93.855		1,452	Quality Biological, Inc.	TonyuSAMP001-PO#43317	1,452	-
	Allergy and Infectious Diseases Research	93.855		(456)	Quality Biological, Inc.	TOv1v2prots001	(456)	-
	Allergy and Infectious Diseases Research	93.855		93,774	The Rockefeller University	SUB00000211	93,774	-
	Allergy and Infectious Diseases Research	93.855		42,880	Rutgers University	1565	42,880	-
	Allergy and Infectious Diseases Research	93.855		213,434	St. Jude Children's Research Hospital	11246704A-8099685 A03	213,434	-
	Allergy and Infectious Diseases Research	93.855		127,901	Stanford University	62561929-194071	127,901	-
	Allergy and Infectious Diseases Research	93.855	-	23,625	Stanford University Medical Center	625000013-128779	23,625	-
	Allergy and Infectious Diseases Research	93.855	-	42,330	Stellenbosch University, South Africa	S006234	42,330	-
	Allergy and Infectious Diseases Research	93.855	-	62,950	University of Florida	SUB00001704	62,950	-
	Allergy and Infectious Diseases Research	93.855		143,322	University Of Pennsylvania	583556	143,322	-
	Allergy and Infectious Diseases Research	93.855	-	166,006	University of Georgia	SUB00002152	166,006	-
	Allergy and Infectious Diseases Research	93.855	-	(9,878)	University of Georgia	SUB00002153 A01	(9,878)	-
	Allergy and Infectious Diseases Research	93.855	-	7,061	University of Georgia	SUB00002153 A04	7,061	-
	Allergy and Infectious Diseases Research	93.855	-	700,496	University of Georgia	SUB00002153-3U A06	700,496	-
	Allergy and Infectious Diseases Research	93.855	-	140,715	University of Maryland	1701066C/UMB Ref.4468	140,715	-
	Allergy and Infectious Diseases Research	93.855		25,013	University of Maryland	20338-0761	25,013	-
	Allergy and Infectious Diseases Research	93.855	-	12,639	University of North Carolina at Chapel Hill	5120657	12,639	-
	Allergy and Infectious Diseases Research	93.855		50,681	University of Texas at Arlington	2021GC0742	50,681	-
	Allergy and Infectious Diseases Research	93.855	-	75,100	Yale University	GR107761 (CON-80001959) Amd 02 FUTURE	75,100	-
	Allergy and Infectious Diseases Research	93.855	-	(6,835)	Zymeron Corporation	NIAID050-1/NYU	(6,835)	-
	Allergy and Infectious Diseases Research	93.855		10,676	Zymeron Corporation	Z113/NYU	10,676	-
	Allergy and Infectious Diseases Research	93.855	-	59,380	Zymeron Corporation	Z121/NYU	59,380	-
	COVID-19 Allergy and Infectious Diseases Research	93.855	5,727,113				5,727,113	62,488
	COVID-19 Allergy and Infectious Diseases Research	93.855		218,297	Humanetics Corporation	272201800011C	218,297	-
	COVID-19 Allergy and Infectious Diseases Research	93.855	-	113,459	Ingenious Targeting Laboratory	20-00-00-1005256	113,459	-
	COVID-19 Allergy and Infectious Diseases Research	93.855	-	32,517	Johns Hopkins University	U01AI138897	32,517	-
	COVID-19 Allergy and Infectious Diseases Research	93.855	-	77,261	Leidos Biomedical Research, Inc.	20CTA-DM0007	77,261	-
	COVID-19 Allergy and Infectious Diseases Research	93.855		197,899	Leidos Biomedical Research, Inc.	22CTA-DM0013	197,899	-
	COVID-19 Allergy and Infectious Diseases Research	93.855	-	50,025	Leidos Biomedical Research, Inc.	22CTA-DM0016	50,025	-
	COVID-19 Allergy and Infectious Diseases Research	93.855		32,837	University of Rochester	417758/URFAO: GR511063	32,837	-
	Biomedical Research and Research Training	93.859	13,870,131				13,870,131	348,479
	Biomedical Research and Research Training	93.859	11,484,323				11,484,323	212,716
	Biomedical Research and Research Training	93.859	-	74,484	Cornell University	213071	74,484	-
	Biomedical Research and Research Training	93.859	-	42,370	Drexel University	900003	42,370	-
	Biomedical Research and Research Training	93.859	-	33,635	Drexel University	900173	33,635	-
	Biomedical Research and Research Training	93.859	-	27,516	The Rockefeller University	SUB00000161	27,516	-
	Biomedical Research and Research Training	93.859	-	45,816	University of California San Diego	122991430-001 (S9002428)	45,816	-
	Biomedical Research and Research Training	93.859	-	34,220	University of Chicago	AWD101048 Amendment 1	34,220	-
	Biomedical Research and Research Training	93.859	-	129,390	University of Connecticut	150946017	129,390	-
	Biomedical Research and Research Training	93.859	7.050.004	72,375	University Of Mississippi	19-07-006	72,375	- 4 400 000
	Child Health and Human Development Extramural Research	93.865	7,059,264				7,059,264	1,482,982

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Child Health and Human Development Extramural Research	93.865	\$ 5,928,047	\$ -			\$ 5,928,047	\$ 816,380
	Child Health and Human Development Extramural Research	93.865		558	Digital Health Empowerment	R42HD088325	558	· -
	Child Health and Human Development Extramural Research	93.865	-	7,712	Emory University	A43864	7,712	-
	Child Health and Human Development Extramural Research	93.865		193,112	Emory University	A513975 A01	193,112	
	Child Health and Human Development Extramural Research	93.865	-	(12)	Harvard School Of Public Health	114205-1514-5096794	(12)	-
	Child Health and Human Development Extramural Research	93.865	-	255,730	Harvard School Of Public Health	117267-0114-5119096	255,730	-
	Child Health and Human Development Extramural Research	93.865	-	187,636	Harvard School Of Public Health	117267-0180-5119094	187,636	-
	Child Health and Human Development Extramural Research	93.865	-	4,486	Kessler Foundation	40568-01 Amd 2	4,486	-
	Child Health and Human Development Extramural Research	93.865		116,597	Nathan S. Kline Institute For Psychiatric Research	148691	116,597	
	Child Health and Human Development Extramural Research	93.865	-	69,154	Princeton University	SUB0000200	69,154	-
	Child Health and Human Development Extramural Research	93.865	-	31,677	Rehabilitation Institute of Chicago	82327.NYU.Y2	31,677	-
	Child Health and Human Development Extramural Research	93.865	-	19,723	Rutgers University	1471	19,723	-
	Child Health and Human Development Extramural Research	93.865	-	262,369	Rutgers University	PID#825656/ SUB 0924	262,369	-
	Child Health and Human Development Extramural Research	93.865	-	5,587	Saint Louis University	21612-43391	5,587	-
	Child Health and Human Development Extramural Research	93.865	-	30,179	The Trustees Of Columbia Univ	1(GG017649-01)	30,179	-
	Child Health and Human Development Extramural Research	93.865	-	222,602	Washington University	WU-19-419-MOD-2	222,602	-
	Child Health and Human Development Extramural Research	93.865	-	845	Tulane University	TUL-HSC-557473-19/20 (CoreB) Amd	845	-
						1 ' '		
	Child Health and Human Development Extramural Research	93.865		(1,101)	Tulane University	TUL-HSC-557474-19/20 Amd 1	(1,101)	
	Child Health and Human Development Extramural Research	93.865	-	(3,545)	University of California Los Angeles	2000 G XA415	(3,545)	-
	Child Health and Human Development Extramural Research	93.865	-	30,493	University of California San Francisco	12343sc	30,493	-
	Child Health and Human Development Extramural Research	93.865	-	79,383	University of Minnesota	A008487501	79,383	-
	Child Health and Human Development Extramural Research	93.865	-	18,557	University of North Carolina at Chapel Hill	5109090 Amd 3	18,557	-
	Child Health and Human Development Extramural Research	93.865	-	(174)	Weill Cornell Medical College	161040536-01	(174)	-
	Aging Research	93.866	25,562,474	`- '	· ·		25,562,474	4,326,662
	Aging Research	93.866	5,281,814	-			5,281,814	868,982
	Aging Research	93.866	-	503,099	Arizona Board of Regents for and on behalf of Arizona State University	ASUB00000533 A03	503,099	
	Aging Research	93.866		8,724	Brown University	2054	8,724	
	Aging Research	93.866	-	68,452	Brown University	00000974	68,452	-
	Aging Research	93.866	-	40,723	Brown University	00001363	40,723	-
	Aging Research	93.866	-	41,867	Brown University	00001370 Amendment 6	41,867	-
	Aging Research	93.866	-	223,118	Brown University	00001370; AMD 4	223,118	-
	Aging Research	93.866	-	48,654	Brown University	00001371	48,654	-
	Aging Research	93.866	-	373.948	Brown University	00001642	373.948	-
	Aging Research	93.866	-	153,223	Brown University	00002031	153,223	-
	Aging Research	93.866		16,310	Charles River Analytics Inc	SC1821601	16,310	
	Aging Research	93.866	-	34,594	Columbia University	1(GG016423-01)	34,594	-
	Aging Research	93.866	-	2,443	Columbia University	11(GG015822-05)	2,443	-
	Aging Research	93.866		13,466	Columbia University	2(GG015245-04)	13,466	
	Aging Research	93.866	-	53,859	Columbia University	3(GG012042-06	53,859	-
	Aging Research	93.866	-	8,837	Columbia University	3(GG01242-03)	8,837	-
	Aging Research	93.866	-	25.140	Columbia University	GG015245 Yr 3	25.140	-
	Aging Research	93.866	-	71,816	Dartmouth College	R1624	71,816	
	Aging Research	93.866	-	42,051	Diamir, LLC.	17-A0-00-006660	42,051	
	Aging Research	93.866	-	43,845	Duke University Medical Center	A035570	43,845	
	Aging Research	93.866		256,819	Johns Hopkins University	2004459373	256,819	73,650
	Aging Research	93.866		19,880	Massachusetts General Hospital	236564	19,880	-
	Aging Research	93.866		24,052	Massachusetts General Hospital	236484	24,052	
	Aging Research	93.866		20.076	Md Anderson Cancer Center	3001841638	20.076	
	Aging Research	93.866		199.044	Memorial Sloan Kettering Cancer Center	BD523817	199.044	

Cluster	Federal Agency and Program Title	Assistance Listing Number	Dire	ct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
A	Aging Research		\$	-	\$ 155,271	Memorial Sloan Kettering Cancer Center	C21919392	\$ 155,271	\$ -
A	Aging Research	93.866		-	14,082	Mount Sinai School of Medicine	0255-3651-4609	14,082	
A	Aging Research	93.866		-	77,677	Mount Sinai School of Medicine	0255-D521-4609	77,677	
A	Aging Research	93.866		-	33,052	New York-Presbyterian/Weill Cornell Medicine	201931	33,052	
A	kging Research	93.866		-	170,975	New York-Presbyterian/Weill Cornell Medicine	202565-1	170,975	
A	Aging Research	93.866		-	10,127	New York-Presbyterian/Weill Cornell Medicine	214331	10,127	
A	iging Research	93.866		-	19,424	New York-Presbyterian/Weill Cornell Medicine	220555	19,424	
A	Aging Research	93.866		-	26,369	Northern California Institute for Research and Education	79634841	26,369	
A	Aging Research	93.866		-	36,121	Rutgers University	2204	36,121	
A	Aging Research	93.866		-	8,944	Rutgers University	1888	8,944	
A	Aging Research	93.866		-	3,336	Rutgers University	0874 ANTICIPATED FUNDING	3,336	
A	Aging Research	93.866		-	17,722	Rutgers University	5P30AG059304-04; 2165	17,722	
A	kging Research	93.866		-	9,153	Rutgers University	Subaward No 9002 NCE	9,153	
A	kging Research	93.866		-	(2,478)	St. Joseph's Hospital & Medical Center	1032146-NYUMC	(2,478)	
A	kging Research	93.866		-	182,480	St. Joseph's Hospital & Medical Center	32114-NYUSOM	182,480	
A	kging Research	93.866		-	35,612	Washington University	WU-19-57-AMD 4	35,612	
A	kging Research	93.866		-	92,426	Translational Genomics Research Institute	SCHORK-19-01 Mod. 02	92,426	
A	kging Research	93.866		-	202,191	University of California Irvine	2018-3569	202,191	
A	Aging Research	93.866		-	325	University of California San Diego	110038908	325	
	Aging Research	93.866		-	(92)	University of Massachusetts, Worcester	OSP2018113	(92)	
	Aging Research	93.866		-	29.999	University Of Pennsylvania	582905	29.999	
	Aging Research	93.866		-	336	University of Southern California	19-A0-00-1003733	336	
	Aging Research	93.866		-	3.530	University of Southern California	81622917	3.530	
A	Aging Research	93.866		-	32,570	University of Washington	UWSC12989	32,570	
	Aging Research	93.866		-	15,524	University of California San Francisco	13186sc	15,524	
	Aging Research	93.866		-	23,606	University of Pennsylvania	580208	23,606	
	Aging Research	93.866		-	198.517	University of Wisconsin	0000001234	198.517	
	Aging Research	93.866		-	37,794	Yale University	CON-80003339(GR114070)	37,794	
					. , .		Amendment No 1	. , .	
A	Aging Research	93.866		-	37,452	Yale University	CON-80003446 (GR115071)	37,452	
	COVID-19 Aging Research	93.866		(29,637)			,	(29,637)	
	/ision Research	93.867		377,371				6.377.371	733.117
V	/ision Research	93.867	5,	056,078				5,056,078	52,652
V	/ision Research	93.867		-	86,708	Arizona Board of Regents for and on behalf of Arizona State University	ASUB00000931	86.708	
V	/ision Research	93.867		-	82,320	Baylor College of Medicine	7000000348 A05	82,320	
V	/ision Research	93.867		-	317	Columbia University	1(GG011726) Amendment # 6	317	
V	/ision Research	93.867		-	29,322	Harvard Medical School	533387	29,322	
V	/ision Research	93.867		-	159,639	Northwestern University	60060095 NYU	159.639	
V	/ision Research	93.867		-	7.834	Oregon Health & Science University	22-A0-00-1008110	7.834	
V	/ision Research	93.867		-	65,000	Physical Sciences, Inc.	86433-1998-46	65.000	
V	/ision Research	93.867		-	56.581	University of California San Francisco	12057sc	56,581	
	/ision Research	93.867			1,570	University of Alabama at Birmingham	000513702-SC003	1,570	
	/ision Research	93.867			165,558	University of California Irvine	2020-1255 A03	165,558	
	/ision Research	93.867			2,605	University of Michigan	3004206297	2,605	
	Medical Library Assistance	93.879		684,636	-,	• , •		684,636	81,358
	Medical Library Assistance	93.879		285,220				285,220	-
	Medical Library Assistance	93.879		-	10.020	Medical University of South Carolina	A00-3641-S0003	10,020	
	Medical Library Assistance	93.879		-	8.008	Medical University of South Carolina	A00-3641-S002	8.008	
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Cluster	Federal Agency and Program Title	Assistance Listing Number		Direct	Pa	ss-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
	Medical Library Assistance	93.879	\$	-	\$	108,669	Stevens Institute of Technology	2102971-01 Amd 03	\$ 108,669	\$ -
	Medical Library Assistance	93.879		-		531,347	University of Massachusetts School of Medicine	SUB00000030	531,347	-
	Medical Library Assistance	93.879		-		8,827	University of Washington	20-A0-00-1005170	8,827	
	Grants for Primary Care Training and Enhancement	93.884				15,024	Mayo Clinic	NYU-268163-01	15,024	-
	Primary Care Training and Enhancement	93.884		61,404		-			61,404	-
	Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements	93.889		-		234,585	Public Health Solutions	19-NYULH-01/Account:76608	234,585	-
	National Bioterrorism Hospital Preparedness Program	93.889		-		12,650	Public Health Solutions	19-NYULH-02	12,650	-
	National Bioterrorism Hospital Preparedness Program	93.889				32,299	Yale University	GR107609 (CON-80001923) Amd 04	32,299	-
	COVID-19 Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease	93.918		34,719					34,719	-
	Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease	93.918		625,858		-			625,858	251,956
	Ryan White HIV/AIDS Dental Reimbursement and Community Based Dental Partnership Grants	93.924		250,360		-			250,360	249,332
	HIV Demonstration, Research, Public and Professional Education Projects	93.941		55,231		-			55,231	-
	Assistance Programs for Chronic Disease Prevention and Control	93.945		566,636		-			566,636	
	CDC's Collaboration with Academia to Strengthen Public Health	93.967		-		80,906	Association of American Medical Colleges	GT-32016-21-19	80,906	-
	Primary Care Medicine and Dentistry Clinician Educator Career Development Awards	93.976		145,122		-			145,122	1,916
	Medicare Access and CHIP Reauthorization Act (MACRA) Funding Opportunity: Measure Development for the Quality Payment Program	93.986		-		52,259	Yale New Haven Health System	20-A0-00-1005685	52,259	-
	International Research and Research Training	93.989		624,479		-			624,479	293,245
	International Research and Research Training	93.989		132,069		-			132,069	10,338
	International Research and Research Training	93.989		-		7,383	Africa Health Research Institute	LoA R99	7,383	· -
	Maternal and Child Health Services Block Grant to the States	93.994		41,761		-			41,761	
	(NBT Task 3) Pilot Testing Refinement and Validating of the NBT and Preparation for Norming Study	93.RD		-		129,713	Northwestern University	SP0070625 60061130 TO 3 NYU	129,713	-
	Pilot Testing, Refinement, and Validating of the NBT, and Preparation for Norming Study	93.RD		-		30,110	Northwestern University	SP0064431 60057520 TO2 NYU Amd	30,110	-
	Total U.S. Department of Health and Human Services (HHS)		_	513,065,638	_	64,085,840		•	577,151,478	150,969,686
	U.S. Department Of Homeland Security									
	Assistance to Firefighters Grant	97.044		303,340		-			303,340	
	Centers for Homeland Security	97.061		-		48,613	University of Michigan	SUBK00015680	48,613	
	Total U.S. Department Of Homeland Security			303,340	_	48,613			351,953	
	U.S. Agency for International Development (USAID)									
	USAID Foreign Assistance for Programs Overseas	98.001		-		38,894	National Academy of Sciences	2000010558 Mod 01	38,894	
	USAID Foreign Assistance for Programs Overseas	98.001				29,344	Purdue University	F9002550402096	29,344	
	Total U.S. Agency for International Development (USAID)			-		68,238			68,238	
	Total Research and Development Cluster			590,094,984		75,155,373			665,250,357	158,048,183

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
Health Center Program								
	U.S. Department of Health and Human Services (HHS) Consolidated Health Centers (Community Health Centers, Migrant Health Centers, Health Care for the Homeless,	93.224	•	\$ 975,455	The Division of Public Health Services / Health Resources and Services	H8F41242	\$ 975,455	s -
	consolidated Health Centers (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)	93.224	\$ -	\$ 975,455	Administration	H8F41242	\$ 975,455	\$ -
	Total U.S. Department of Health and Human Services (HHS)			975.455	Administration		975.455	
	Total Health Center Program Cluster		-	975,455			975,455	-
Highway Planning and	Construction Cluster:							
	U.S. Agency for International Development (USAID)							
	Highway Planning and Construction	20.205	-	505,369	New York State Department of Transportation	TA SR-20-05 Letter of Agreement #1	505,369	146,223
	Highway Planning and Construction	20.205	-	34,000	Research Foundation of CUNY on behalf of City College of New York	Subaward #: CM00006804-00 Account #: 55606-10-29 (Time Ext	34,000	-
						letter of 10-26-2022)		
	Highway Planning and Construction	20.205	-	153,349	Research Foundation of CUNY on behalf of City University of New York	57315-01-29 NCE	153,349	-
	Highway Planning and Construction	20.205	-	68,299	Research Foundation of CUNY on behalf of City University of New York	57315-03-29 NCE	68,299	-
	Highway Planning and Construction	20.205		761.378	Research Foundation of CUNY on behalf of City University of New York	Subaward # CM00005104	761.378	146.223
	Total U.S. Agency for International Development (USAID)			701,370			701,370	140,223
	Total Highway Planning and Construction Cluster		-	761,378			761,378	146,223
Trio Cluster:								
Diaotoi.	U.S. Department of Education (ED)							
	TRIO Student Support Services	84.042	434,183				434,183	
	Total U.S. Department of Education (ED)		434,183				434,183	
	Total Trio Cluster	1	434,183		-		434,183	
	Total Trio Cluster		434,103				434,103	
Student Financial Assi								
	U.S. Department of Education (ED)							
	Federal Supplemental Educational Opportunity Grants	84.007	11,861,211	-			11,861,211	-
	Federal Work-Study Program	84.033	6,158,715	-			6,158,715	-
	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	84.379	206,841	-	151 51 5 0 1 0 1	4.D.T.O. 0004 0000	206,841	-
	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	84.379 84.268	685,245,997	6,000	Higher Education Services Corporation	APTS 2021-2022	6,000 685,245,997	-
	Federal Direct Student Loans Federal Pell Grant Program	84.063	31,702,833				31,702,833	
	redefair oil Orant riogram	04.003	51,702,035				31,702,000	
	Federal Perkins Loan Program							
	Outstanding loans at September 1, 2021	84.038	35,225,238				35,225,238	
	Total U.S. Department of Education (ED)		35,225,238 770,400,835	6,000			35,225,238 770,406,835	
	U.S. Department of Health and Human Services							
	Health Professions Student Loan Program							
	Health Professions Student Loan Program/Loans to Disadvantaged Students	93.342						
	Outstanding loans at September 1, 2021		23,468,714	-			23,468,714	-
	New loans issued during fiscal year 2022		3,852,835				3,852,835	
			27,321,549				27,321,549	
	Nursing Student Loans	00.004						
	Undergraduate Nursing Student Loans	93.364	4 207 222				4 207 222	
	Outstanding loans at September 1, 2021 New loans issued during fiscal year 2022		1,387,806 273,080	-			1,387,806 273,080	-
	▼ NOW IDENTIFY ISSUED UNTILLY INSUED YELD ZUZZ		1,660,886				1,660,886	
	Graduate Nursing Loans		1,000,886	-			1,000,886	-
	Graduate Nursing Loans Graduate Nursing Student Loans	93.364						
	Outstanding loans at September 1, 2021	00.001	134.503				134,503	
			134,503				134,503	-
	Nursing Faculty Loans							
	Faculty Nursing Student Loans	93.264						
	Outstanding loans at September 1, 2021		741,924				741,924	
			741,924	-			741,924	-
	Total U.S. Department of Health and Human Services		29,858,862				29,858,862	
	Total Student Financial Assistance Cluster		800,259,697	6,000	_		800,265,697	

Cluster	Federal Agency and Program Title	Assistance Listing Number	Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
Other Programs:	U.S. Department of Defense (DOD)							
	Language Grant Program	12.900	\$ 36,865	s -			\$ 36,865	\$ 28,465
	Total U.S. Department of Defense (DOD)		36,865				36,865	28,465
	U.S. Department of Justice (DOJ)							
	Edward Byrne Memorial Justice Assistance Grant Program	16.738		6,300	National Policing Institute	S059	6,300	
	Girls in the Juvenile Justice System	16.830		10,911	New York State Unified Court System	C250563 Amd #1	10,911	
	Total U.S. Department of Justice (DOJ)			17,211			17,211	
	U.S. Department of State							
	International Programs to Combat Human Trafficking	19.019	4,507	-			4,507	-
	Investing in People in The Middle East and North Africa	19.021	160,373	-			160,373	-
	Educational and Cultural Exchange Programs Appropriation Overseas Grants	19.022	73,999	-			73,999	-
	Educational and Cultural Exchange Programs Appropriation Overseas Grants	19.022		112,898	International Research and Exchange Board	FY21-ILUF-NYU-01 mod 5	112,898	17,499
			73,999	112,898			186,897	17,499
	Public Diplomacy Programs Total U.S. Department of State	19.040	26,931 265,810	112,898			26,931 378,708	5,600 23.099
	Total U.S. Department or State		265,810	112,898			378,708	23,099
	U.S. Department of Transportation							
	Highway Training and Education	20.215	22,790				22,790	
	Total U.S. Department of Transportation		22,790				22,790	
	Federal Council on the Arts and The Humanities							
	Promotion of the Arts Grants to Organizations and Individuals	45.024	62,137				62,137	-
	Native American and Native Hawaiian Library Services	45.311	62.137	5,598 5,598	Penobscot Nation	NG-03-18-0183-18	5,598 67,735	
	Total Federal Council on the Arts and The Humanities		62,137	5,598			67,735	
	Institute of Museum and Library Services							
	National Leadership Grants	45.312	269,618	-			269,618	
	Laura Bush 21st Century Librarian Program	45.313	197,057 466,675				197,057	177,665 177,665
	Total Institute of Museum and Library Services		466,675				466,675	177,665
	National Endowment for the Humanities							
	Promotion of the Humanities Division of Preservation and Access	45.149	304,024	-			304,024	-
	Promotion of the Humanities Research	45.161	70,433				70,433	661
	Promotion of the Humanities Office of Digital Humanities	45.169	20,414				20,414	-
	Total National Endowment for the Humanities		394,871				394,871	661
	Department of Veterans Affairs							
	Vocational Rehabilitation for Disabled Veterans	64.116	23,287				23,287	
	Total Department of Veterans Affairs		23,287				23,287	

Federal Agency and Program Title	Assistance Listing Number		Direct	Pass-Through	Pass-Through Entity	Pass-Through Sponsor Number/ Contract Award Number	Total Expenditures	Passed to Sub- Recipients
U.S. Department of Education (ED)								
Education Research, Development and Dissemination	84.305	\$	-	\$ 17,19	MDRC	1168-NYU-01 Mod 04	\$ 17,191	\$ -
Education Research, Development and Dissemination	84.305			150,785 167,976		R-20-0084 Amd 1	150,785 167,976	
Teacher and School Leader Incentive Grants (formerly the Teacher Incentive Fund)	84.374			119,60		Agreement dated 20210201	119.601	
Education Innovation and Research (formerly Investing in Innovation (i3) Fund)	84.411		-	35,569		Agreement Dated 2020-12-10	35,569	-
COVID-19 Education Stabilization Fund: Higher Education Emergency Relief Fund - Student Portion	84.425E		1,230,474	-			1,230,474	-
COVID-19 Education Stabilization Fund: Higher Education Emergency Relief Fund - Institutional Portion	84.425F		1,230,324		_		1,230,324	
Total U.S. Department of Education (ED)			2,460,798 2,460,798	323,146	.		2,460,798 2,783,944	
• • • • • • • • • • • • • • • • • • • •					=			
U.S. Department of Health and Human Services (HHS) Training in General, Pediatric, and Public Health Dentistry	93.059		243,059				243,059	
Habital Program, Political, Political Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements	93.074		243,039	(8,898	Public Health Solutions	17-NYULH-01	(8,898)	-
Maternal and Child Health Federal Consolidated Programs	93.110		-	459	Children's Hospital of Philadelphia	3208960821 / PO# 20260738 Amd 2	459	-
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243		443,401				443,401	
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243		-	5,755		Agreement SM08785-03	5,755	
Health Systems Strengthening and HIV/AIDS Prevention, Care and Treatment under the President's Emergency	93.266		443,401	5,755 211,635		116337 Amendmet 12	449,156 211.635	49.914
Plan for AIDS Relief	93.200			211,030	Brigham and Women's Hospital	110337 Amendmet 12	211,000	49,514
COVID-19 Provider Relief Fund (PRF) and American Rescue Plan (ARP) Rural Distribution	93.498		23,815,345	-			23,815,345	-
COVID-19 HRSA COVID-19 Claims Reimbursement for the Uninsured Program and the COVID-19 Coverage Assistance Fund	93.461		1,882,009	-			1,882,009	-
Preventive Health and Health Services Block Grant	93.991		-	1,318		C-028946	1,318	-
Maternal and Child Health Services Block Grant to the States	93.994		-	(59,828		DOH01-C32428GG-3450000	(59,828)	-
The Rest of Us Total U.S. Department of Health and Human Services (HHS)	93.U01	_	26,383,814	5,504 155,94		MHTTC-03	5,504 26,539,759	49,914
U.S. Department Of Homeland Security					_		·	
Capped Grant	97.036		-	11,267,824	NYS Division of Homeland Security and Emergency Management	PW4005	11,267,824	-
COVID-19 Expedited Project Worksheets	97.036		-	10,185,173		PW 00006, PW 00180	10,185,173	-
COVID-19 Expedited Project Worksheets	97.036		-	4,128,227	NYS Division of Homeland Security and Emergency Management	PW582 PW591 PW614 PW835 PW871 PW891 PW784	4,128,227	-
Project Worksheets	97.036			745,508	NYS Division of Homeland Security and Emergency Management	PW 00006, PW 00007	745,508	
Total U.S. Department Of Homeland Security			-	26,326,732			26,326,732	
Total Other Programs			30,117,047	26,941,530			57,058,577	279,804
· · · · · · · · · · · · · · · · · · ·								·

1. Basis of Presentation

The accompanying schedule of expenditures of federal awards ("the Schedule") presents the federal grant activity of NYU and is presented on the accrual basis of accounting.

The information in this Schedule is presented in accordance with the requirements of the Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) and therefore, some amounts may differ from amounts presented in, or used in the preparation of NYU's consolidated financial statements. Negative amounts represent adjustments or credits to amounts reported as expenditures in prior years arising out of the normal course of business. Assistance Listing Numbers ("ALN") and pass-through numbers are provided when available.

The research expenditures for direct costs are recognized using the cost accounting principles contained in OMB Circular A-21, *Cost Principles for Educational Institutions*, and OMB Uniform Guidance, where applicable. Under those cost principles, certain types of expenditures are not allowed for reimbursement. In addition, expenditures include a portion of costs associated with general NYU activities (facilities and administrative) which are allocated to federal awards under negotiated formulas commonly referred to as facilities and administrative rates (also under the provisions of OMB Circular A-21 and OMB Uniform Guidance, where applicable).

As described in Note 2, NYU, with the exception of NYU Langone Hospitals, does not use the 10% de-minimis indirect cost rate for sponsored programs.

2. Facilities and Administrative Cost Rates

The University had predetermined facilities and administrative cost rates for the fiscal year ended 2022, under a rate agreement with the Department of Health and Human Services ("DHHS"), the University's federal cognizant agency. The base rate for on-campus research was 60% for fiscal 2022. The base rate for off-campus research was 26% for fiscal 2022.

NYUGSoM and NYU Long Island School of Medicine had predetermined facilities and administrative cost rates for the fiscal year ended 2022, under separate rate agreements with the DHHS, their federal cognizant agency. The NYUGSoM base rates for on-campus and off-campus research, respectively, were 69.5% and 26% for fiscal 2022. The NYU Long Island School of Medicine base rates for on-campus and off-campus research, respectively, were 54% and 17% for fiscal 2022.

3. Federal Student Loan Programs

NYU administers and accounts for all aspects of the campus-based student loan programs. Accordingly, NYU's consolidated financial statements include all activity related to these programs. The amount of loans outstanding under each of these programs at August 31, 2022 are presented below.

Program	Assistance Listing	Amount Outstanding at August 31, 2022		
Federal Perkins Loan	84.038	\$ 28,795,934		
Health Professions Student Loans - Loans to				
Disadvantaged Students	93.342	4,401,955		
Health Professions Student Loans	93.342	21,017,108		
Nursing Student Loans	93.364	1,478,396		
Graduate Nursing Loans	93.364	120,284		
Nursing Faculty Loans	93.264	518,923		
Nursing Faculty Loans - ARRA	93.264	125,711		
		\$ 56,458,311		

With respect to the Federal Direct Loan Program, NYU is only responsible for the performance of certain administrative duties. Therefore, the transactions and the balances of loans outstanding related to this program are not included in NYU's consolidated financial statements. The Schedule includes the loans issued to NYU students during the year ended August 31, 2022.

The administrative cost allowance for the Federal Pell Grant Program of \$29,245 and for the College Work Study Program of \$661,970 have been included in the schedule of expenditures of federal awards.

NYU did not receive an administrative cost allowance from the Federal Perkins Loan Program (ALN 84.038) for the year ended August 31, 2022.

4. HRSA COVID-19 Claims Reimbursement for the Uninsured Program and the COVID-19 Coverage Assistance Fund

NYU Langone Health conducted COVID-19 testing and/or provided treatment for uninsured individuals with a COVID-19 primary diagnosis on or after February 4, 2020 and as such has requested claims reimbursement under ALN 93.461.

NYU has recorded \$1,882,009 on the Schedule consisting of \$2,007,071 reimbursed to date from HRSA on claims with service dates during fiscal year 2022 and an adjustment of (\$125,062) related to claims with service dates prior to fiscal year 2022.

5. Department of Health and Human Services PRF and ARP Rural Distribution administered by the Health Resources and Services Administration (HRSA)

The Schedule includes grant activity related to the ALN 93.498. As required based on guidance in the 2022 OMB Compliance Supplement, the Schedule includes all Period 2 funds received between July 1, 2020 and December 31, 2020 and expended by December 31, 2021 as reported to HRSA via the PRF Reporting Portal. NYU Langone Health did not receive Period 3 funding.

6. Superstorm Sandy

As described in Note 2 to the accompanying consolidated financial statements, as a result of Superstorm Sandy, NYU Langone Health sustained widespread damage to the main campus facilities including NYU Langone Hospital's inpatient and outpatient facilities and the NYUGSoM research, faculty group clinical practice and education facilities, all of which were temporarily closed. Under Federal Emergency Management Agency ("FEMA") regulations, NYU Langone Health qualified for funding as a private non-profit facility that supplies critical services to the community. For Superstorm Sandy, FEMA (through the U.S. Department of Homeland Security) reimburses eligible entities at 90% of all eligible costs awarded.

In 2014, FEMA awarded NYU Langone Health a fixed, capped Public Assistance Grant ("Capped Grant") totaling \$1,088,252,436, which includes a reduction of \$3,383,139 due to a commercial insurance claim recovery. The award is to be spent over a 9 year performance period for activities covered in the agreed upon scopes of work. The \$1,088,252,436 will be subject to offset for future commercial insurance recoveries related to property damage. All reimbursement under the Capped Grant is passed through from New York State to the University, to NYU Langone Health. Included in the Schedule are \$11,267,824 of NYU Langone Health expenditures under the Capped Grant.

In 2013, NYU Langone Health received \$179,394,000 of expedited funding under their initial FEMA Project Worksheet applications, which is separate funding from the FEMA Capped Grant. These Project Worksheets are subject to review and finalization by FEMA. The expenses associated with these Project Worksheets are included in the Schedule in the year the Project Worksheets are approved. Included in the Schedule are \$745,508 of NYU Langone Health expenditures related to these Project Worksheets.

New York University Schedule of Financial Responsibility Data Year Ended August 31, 2022

(in thousands of dollars)

NYU participates in federal Title IV student financial assistance programs, which require it to meet standards of financial responsibility based on criteria determined by the U.S. Department of Education (ED), as set forth in 34 CFR 668.171. The criteria for private institutions include the annual calculation by ED of a financial responsibility composite score, as further specified in 34 CFR 668.172, using the institution's audited financial statements submitted with the annual Uniform Guidance (UG) report through ED's eZ-Audit system. The composite score is based on three ratios: Primary Reserve, Equity, and Net Income. These ratios utilize the following financial data of NYU, as of and for the year ended August 31, 2022:

Location in Grannial statements on valeted notes	Financial element	sta	AP financial atement line or disclosure	Amount used as		
Location in financial statements or related notes Primary Reserve Ratio: Expendable Net Assets	r manciai element	item	or disclosure		atio input	
Balance sheet	Net assets without donor restrictions	\$	7,489,240	\$	7,489,240	
Balance sheet	Net assets with donor restrictions	φ	4,737,073	φ	4,737,073	
	Unsecured related party receivable		94.373		94.373	
Note 20, Financial Responsibility Standards Note 20, Financial Responsibility Standards	Total property, plant, and equipment, net		13,524,087		94,373	
Note 20, Financial Responsibility Standards Note 20, Financial Responsibility Standards	Property, plant and equipment, net Property, plant and equipment, net - pre-implementation		13,324,067		9,049,021	
Note 20, Financial Responsibility Standards Note 20, Financial Responsibility Standards	Property, plant and equipment, net - pre-implementation Property, plant and equipment, net - post-implementation				9,049,021	
Note 20, 1 manetar responsionity Standards	with outstanding debt for original purchase				1,439,462	
Note 20, Financial Responsibility Standards	Property, plant and equipment, net - post-implementation without outstanding debt for original purchase				828,202	
Note 20, Financial Responsibility Standards	Construction in progress				2,207,402	
Balance sheet	Total lease right-of-use assets		2,154,222			
N/A	Lease right-of-use assets, pre-implementation				-	
Balance sheet	Lease right-of-use assets, post-implementation				2,154,222	
Note 8, Other Assets	Intangible assets		51,199		51,199	
Balance sheet	Accrued benefit obligation		398,718		398,718	
	Accrued postretirement obligation		510,738		510,738	
	(Accrued employee benefit liabilities)					
Note 20, Financial Responsibility Standards	Total long-term debt		9,566,406			
Note 20, Financial Responsibility Standards	Long-term debt - for long-term purposes pre-implementation				6,836,457	
Note 20, Financial Responsibility Standards	Long-term debt - for long-term purposes					
N . 20 Fi	post-implementation				2,686,919	
Note 20, Financial Responsibility Standards	Line of Credit for Construction in progress		2.216.006		43,030	
Balance sheet Balance sheet	Total liability related to lease right-of-use assets Liability related to lease right-of-use assets - pre-implementation		2,316,986		-	
Balance sheet	Liability related to lease right-of-use assets -					
	post-implementation				2,316,986	
Note 20, Financial Responsibility Standards	Annuities and life income funds with donor restrictions				86,503	
Note 20, Financial Responsibility Standards	Term endowments with donor restrictions				4,449	
Note 20, Financial Responsibility Standards	Net assets with donor restrictions: restricted in perpetuity				2,718,658	
Primary Reserve Ratio: Expenses and Losses						
Statement of activities	Total expenses and losses without donor restrictions	\$	14,144,991	\$	14,144,991	
Equity Ratio: Modified Net Assets						
Balance sheet	Net assets without donor restrictions	\$	7,489,240	\$	7,489,240	
Balance sheet	Net assets with donor restrictions		4,737,073		4,737,073	
Note 8, Other Assets	Intangible assets		51,199		51,199	
Note 20, Financial Responsibility Standards	Unsecured related party receivable				94,373	
Equity Ratio: Modified Assets						
Balance sheet	Total assets	\$	30,682,174	\$	30,682,174	
Balance sheet	Lease right-of-use assets, pre-implementation				· · · · ·	
Note 8, Other Assets	Intangible assets		51,199		51,199	
Note 20, Financial Responsibility Standards	Unsecured related party receivable				94,373	
Net Income Ratio						
Statement of activities	Change in net assets without donor restrictions	\$	553,100	\$	553,100	
Note 20, Financial Responsibility Standards	Total revenues and gains without donor restrictions	\$	15,173,224	•	15,173,224	

Part III
Reports on Internal Control and Compliance



Report of Independent Auditors 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

To the Board of Trustees of New York University

We have audited 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, the consolidated financial statements of New York University and its subsidiaries (the "Company"), which comprise the consolidated balance sheet as of August 31, 2022, and the related consolidated statements of activities and of cash flows for the year then ended, including the related notes (collectively referred to as the "consolidated financial statements") and have issued our report thereon dated December 14, 2022, except for Note 20 to the consolidated financial statements and with respect to the opinion on the schedule of financial responsibility data, as to which the date is March 31, 2023.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Company's internal control over financial reporting (internal control) as a basis for designing the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, we do not express an opinion on the effectiveness of the Company'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 or significant deficiencies may exist that have not been identified.



Report on Compliance and Other Matters

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As part of obtaining reasonable assurance about whether the Company'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 Company'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 Company's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

New York, New York

December 14, 2022, except for Note 20 to the consolidated financial statements and with respect to the opinion on the schedule of financial responsibility data, as to which the date is March 31, 2023



Report of Independent Auditors on Compliance for Each Major Program and on Internal Control Over Compliance Required by Uniform Guidance

To the Board of Trustees of New York University

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited New York University and its subsidiaries' (the "Company") compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on each of the Company's major federal programs for the year ended August 31, 2022. The Company's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and guestioned costs.

In our opinion, the Company complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended August 31, 2022.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (US GAAS); 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). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the Company and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the Company's compliance with the compliance requirements referred to above.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the Company's federal programs.



Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the Company's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the Company's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with US GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and
 perform audit procedures responsive to those risks. Such procedures include examining, on a test
 basis, evidence regarding the Company's compliance with the compliance requirements referred to
 above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the Company's internal control over compliance relevant to the audit in
 order to design audit procedures that are appropriate in the circumstances 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 the Company's internal control over compliance.
 Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Other Matters

As indicated in Part I to the accompanying Schedule of Findings and Questioned Costs, we have audited the Student Financial Assistance cluster as a major program. Also, as indicated in the first paragraph of this report, we performed our audit of compliance using the compliance requirements contained in the OMB *Compliance Supplement*, including those contained in Part V 5.3, Compliance Requirement N, Special Tests and Provisions, Section 13 "Gramm-Leach-Bliley Act-Student Information Security." This section includes three suggested audit procedures with respect to verification that the institution (1) designated an employee or employees to coordinate the information security program, (2) performed a risk assessment that addresses the three required areas in 16 CFR 314.4(b), and (3) documented a safeguard for each risk identified. Our procedures in relation to these three items were limited to inquiry of and obtaining written representation from management and obtaining and reading management's documentation related to these three items. Our procedures did not include an analysis of the adequacy



or completeness of the risk assessment performed or the safeguards for each risk identified by management.

Report on 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 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 Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

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.

New York, New York March 31, 2023

Pricewaterhouse Coopers LAP

Part IV Findings

New York University Schedule of Findings and Questioned Costs Year Ended August 31, 2022

Section I – Summary of Auditor's Results

Financial Statements						
Type of auditor's report issued:	Unmodified Opinion					
Internal control over financial reporting:						
Material weakness(es) identified?Significant deficiency(ies) identified that are not	Yes <u>X</u> _ No					
considered to be material weaknesses?Noncompliance material to financial statements	YesX_ None reported					
noted?	YesXNo					
Federal Awards						
Internal control over major programs:						
Material weakness(es) identified?Significant deficiency(ies) identified that are not	Yes <u>X</u> _No					
considered to be material weaknesses? Type of auditor's report issued on	YesX None reported					
compliance for major programs:	Unmodified Opinion					
Any audit findings disclosed that are required to be						
· ·	V. N.					
reported in accordance with 2 CFR 200.516(a)?	YesXNo					
Identification of major programs:						
Assistance Listing Number(s)	Name of Federal Program or Cluster					
Various	Student Financial Assistance Cluster					
Various	Research and Development Cluster					
	COVID-19 Provider Relief Fund and					
	American Rescue Plan (ARP) Rural					
93.498	Distribution					
	COVID-19 HRSA COVID-19 Claims					
	Reimbursement for the Uninsured Program					
	and the COVID-19 Coverage Assistance					
93.461	Fund					
Dollar threshold used to distinguish between						
type A and type B programs:	\$4,574,237					
type A and type b programs.	ψτ,01 τ,201					
Auditee qualified as low-risk auditee?	XYesNo					

New York University Schedule of Findings and Questioned Costs Year Ended August 31, 2022

Section II- Financial Statement Findings

As a result of our audit, no instances of noncompliance related to the financial statements that are required to be reported in accordance with *Government Auditing Standards* were identified.

Section III - Federal Award Findings and Questioned Costs

No federal award findings and questioned costs were reported as a result of our audit.

New York University Summary Schedule of Status of Prior Audit Findings Year Ended August 31, 2022

Section II - Financial Statement Findings - 2021

There are no findings from prior year that require an update in this report.

Section III - Federal Award Findings and Questioned Costs - 2021

2021-001: Advertising Expense Duplication

Federal Agency: Department of Health and Human Services

Program: COVID-19 Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution

Assistance Listing #: 93.498

Award Year: 2020-2021

Pass-through entity: Not applicable

Condition

In accordance with the Health Resources and Services Administration (HRSA) Provider Relief Fund Terms and Conditions, eligible providers may use Provider Relief Funds to prevent, prepare for, and respond to coronavirus, and for related expenses or lost revenues attributable to coronavirus. The PRF – Reporting Period 1 submission to HRSA included \$2,087,585 of duplicate expenditures related to advertising expenses. The amount included both the original invoice amounts and the related amortization expense in NYU Langone Hospitals' total expenses reported to HRSA.

Status

The duplicated expenses were removed in the Period 2 submission. NYU Langone Health management successfully completed a review to ensure prepaid amortization duplication did not occur in other transactions reported in subsequent submissions.