

Cornell University

**Report on Federal Awards in
Accordance with the Uniform Guidance
June 30, 2022
EIN: 15-0532082**

Cornell University

Index

June 30, 2022

	Page(s)
Report of Independent Auditors	1–3
Consolidated Financial Statements.....	4–6
Notes to Consolidated Financial Statements	7–52
Financial Responsibility Supplemental Schedule.....	53
Note to Financial Responsibility Supplemental Schedule	54
Schedule of Expenditures of Federal Awards	55–83
Notes to Schedule of Expenditures of Federal Awards	84
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 <i>Government Auditing Standards</i>	85–86
Report of Independent Auditors on Compliance for Each Major Program and on Internal Control Over Compliance Required by Uniform Guidance	87–89
Schedule of Findings and Questioned Costs.....	90–91
Summary Schedule of Prior Audit Findings and Status	92



Report of Independent Auditors

To the Board of Trustees of Cornell University

Report on the Audit of the Consolidated Financial Statements

Opinion

We have audited the accompanying consolidated financial statements of Cornell University and its subsidiaries (the “University”), which comprise the consolidated statements of financial position as of June 30, 2022 and 2021, and the related consolidated statements of activities for the year ended June 30, 2022, and of cash flows for the years ended June 30, 2022 and 2021, 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 University as of June 30, 2022 and 2021, and the changes in its net assets for the year ended June 30, 2022 and its cash flows for the years ended June 30, 2022 and 2021 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 University 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.

Other Matter

We previously audited the consolidated statement of financial position as of June 30, 2021, and the related consolidated statements of activities and cash flows for the year then ended (the statement of activities is not presented herein), and in our report dated October 22, 2021, we expressed an unmodified opinion on those consolidated financial statements. In our opinion, the information set forth in the accompanying summarized financial information for the year ended June 30, 2021 is consistent, in all material respects, with the audited consolidated financial statements from which it has been derived.

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

Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the 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 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 University'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 University'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 as a whole. The accompanying schedule of expenditures of federal awards for the year ended June 30, 2022 and financial responsibility supplemental schedule as of and for the year ended June 30, 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 financial responsibility supplemental schedule 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*

In accordance with *Government Auditing Standards*, we have also issued our report dated October 17, 2022 on our consideration of the University'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 June 30, 2022. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on the effectiveness of 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 University's internal control over financial reporting and compliance.

A handwritten signature in dark ink that reads "PricewaterhouseCoopers LLP". The signature is written in a cursive, flowing style.

Fairport, New York
October 17, 2022

CORNELL UNIVERSITY**CONSOLIDATED STATEMENTS OF FINANCIAL POSITION**

AS OF JUNE 30, 2022 AND JUNE 30, 2021 (in thousands)

	2022	2021
Assets		
Cash and cash equivalents	\$ 826,880	\$ 744,927
Accounts receivable, net (note 3-A)	691,100	611,571
Contributions receivable, net (note 3-B)	803,204	778,171
Prepaid expenses and other assets	153,225	142,739
Investments (note 4)	10,516,716	10,603,428
Right of use assets-operating leases, net (note 10)	413,551	448,191
Right of use assets-finance leases, net (note 10)	52,194	111,456
Land, buildings, and equipment, net (note 5)	4,392,485	4,314,495
Funds held in trust by others (note 6)	111,944	152,751
Total assets	<u>\$ 17,961,299</u>	<u>\$ 17,907,729</u>
Liabilities		
Accounts payable and accrued expenses	\$ 463,843	\$ 606,651
Deferred revenue and other liabilities	426,884	434,638
Obligations under split interest agreements (note 6)	138,454	137,099
Deferred benefits (note 7)	577,217	688,760
Funds held for others (note 8)	118,982	133,410
Operating lease liabilities (note 10)	428,728	458,617
Finance lease liabilities (note 10)	56,169	121,949
Bonds and notes payable (note 9)	2,036,670	1,876,730
Total liabilities	<u>\$ 4,246,947</u>	<u>\$ 4,457,854</u>
Net assets (note 12)		
Without donor restrictions	4,109,936	3,833,101
With donor restrictions	9,604,416	9,616,774
Total net assets	<u>13,714,352</u>	<u>13,449,875</u>
Total liabilities and net assets	<u>\$ 17,961,299</u>	<u>\$ 17,907,729</u>

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

CORNELL UNIVERSITY
CONSOLIDATED STATEMENTS OF ACTIVITIES FOR THE YEAR-ENDED JUNE 30, 2022 (in thousands)

(WITH SUMMARIZED INFORMATION FOR THE YEAR-ENDED JUNE 30, 2021)

	Without Donor Restrictions	With Donor Restrictions	2022 Total	2021 Total
Operating revenues and other support				
Tuition and fees (scholarship allowance \$513,429 and \$453,214)	\$ 876,328	\$ -	\$ 876,328	\$ 792,381
State and federal appropriations	152,400	-	152,400	143,545
Grants, contracts and similar agreements				
Direct	873,143	-	873,143	737,436
Indirect cost recoveries	215,008	-	215,008	199,281
Contributions	4,553	298,424	302,977	365,894
Investment return, distributed	73,629	270,627	344,256	350,298
Medical Physician Organization	1,304,677	-	1,304,677	1,162,542
Auxiliary enterprises	173,611	-	173,611	109,526
Educational activities and other sales and services	868,212	-	868,212	730,657
Net assets released from restrictions	577,371	(577,371)	-	-
Total operating revenues and other support	5,118,932	(8,320)	5,110,612	4,591,560
Operating expenses (Note 11)				
Compensation and benefits	3,311,962	-	3,311,962	3,060,643
Supplies, services and other	1,181,429	-	1,181,429	961,148
Maintenance and facilities	156,002	-	156,002	146,029
Interest (note 9)	34,296	-	34,296	30,940
Depreciation	303,434	-	303,434	305,381
Total operating expenses	4,987,123	-	4,987,123	4,504,141
Change in net assets from operating activities	131,809	(8,320)	123,489	87,419
Non-operating revenues and (expenses)				
State appropriations for capital acquisitions	15,830	-	15,830	19,931
Grants, contracts and similar agreements for capital acquisitions	4,134	-	4,134	2,751
Contributions for capital acquisitions, trusts and endowments	-	403,762	403,762	309,121
Investment return, net of amount distributed	(75,891)	(395,734)	(471,625)	2,587,214
Change in value of split interest agreements	1,899	(19,669)	(17,770)	36,919
Pension and postretirement changes	124,855	-	124,855	63,226
Swap interest and change in value of interest rate swaps	99,562	-	99,562	43,071
Other	(17,773)	13	(17,760)	(20,609)
Net assets released for capital acquisitions and reclassifications	(7,590)	7,590	-	-
Change in net assets from non-operating activities	145,026	(4,038)	140,988	3,041,624
Change in net assets	276,835	(12,358)	264,477	3,129,043
Net assets, beginning of the year	3,833,101	9,616,774	13,449,875	10,320,832
Net assets, end of the year	\$ 4,109,936	\$ 9,604,416	\$ 13,714,352	\$ 13,449,875

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

CORNELL UNIVERSITY
CONSOLIDATED STATEMENTS OF CASH FLOWS
FOR THE YEARS-ENDED JUNE 30, 2022 AND JUNE 30, 2021 (in thousands)

	2022	2021
Cash flows from operating activities		
Change in net assets	\$ 264,477	\$ 3,129,043
Adjustments to reconcile change in net assets to net cash provided/(used) by operating activities		
Proceeds from contributions for capital acquisitions, trusts and endowments	(324,340)	(321,503)
Depreciation and amortization	288,376	290,351
Net realized and unrealized (gain)/loss on investments	186,043	(2,884,628)
Pension and postretirement changes	(124,855)	(63,226)
Change in unrealized (gain)/loss interest rate swaps	(125,486)	(70,239)
Loss on disposals of land, building, and equipment	2,222	20,006
Non-cash lease expense	6,400	8,818
State appropriations for capital acquisitions	(15,830)	(19,931)
Other adjustments	(13,353)	(11,539)
Change in assets and liabilities		
Accounts receivable, net, other than student loans	(85,391)	(101,468)
Contributions receivable, net	(32,176)	428
Prepaid expenses and other assets	(9,352)	(8,715)
Accounts payable and accrued expenses	(19,556)	62,135
Deferred revenue and other liabilities	888	(779)
Funds held in trust by others	99	(3,718)
Obligations under split interest agreements	1,355	190
Deferred benefits	20,488	31,110
Net cash provided/(used) by operating activities	<u>20,009</u>	<u>56,335</u>
Cash flows from investing activities		
Proceeds from the sale and maturities of investments	7,024,596	5,789,558
Purchase of investments	(7,102,925)	(5,641,345)
Acquisition of land, buildings, and equipment (net)	(372,869)	(359,455)
Student loans granted	(5,248)	(5,190)
Student loans repaid	10,967	13,244
Change in funds held for others, net of unrealized (gain)/loss on investments	4,111	3,774
Net cash used by investing activities	<u>(441,368)</u>	<u>(199,414)</u>
Cash flows from financing activities		
Proceeds from contributions for capital acquisitions, trusts and endowments	324,340	321,503
Proceeds from state appropriations for capital acquisitions	15,830	19,931
Principal payments of bonds, notes payable and finance leases	(175,216)	(224,507)
Proceeds from issuance of bonds and notes payable	347,000	194,988
Government advances for student loans	(8,642)	(15,392)
Net cash provided by financing activities	<u>503,312</u>	<u>296,523</u>
Net change in cash and cash equivalents	81,953	153,444
Cash and cash equivalents, beginning of year	744,927	591,483
Cash and cash equivalents, end of year	<u>\$ 826,880</u>	<u>\$ 744,927</u>
Supplemental disclosure of cash flow information		
Cash paid for interest	\$ 49,353	\$ 45,969
Increase/(decrease) in construction payables, non-cash activity	\$ 2,234	\$ (15,025)
Right-of-use assets acquired under finance leases	\$ 1,646	\$ 3,174
Right-of-use assets acquired under operating leases	\$ 25,704	\$ 41,092
Gifts-in-kind	\$ 4,626	\$ 4,805

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

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

1. SIGNIFICANT ACCOUNTING POLICIES

A. Description of the Organization

Founded in 1865, Cornell University (“the University”) is dedicated to a mission of learning, discovery, and engagement. Cornell is a private university, the federal land-grant institution of New York State, and a member of the Ivy League. Cornell administers four contract colleges, which the University operates on behalf of the State University of New York and the results of their operations are included in the consolidated financial statements. Described as the first truly American university because of its founders’ revolutionary egalitarian and practical vision of higher education, the University is dedicated to its land-grant mission of outreach and public engagement. Cornell’s community includes nearly 27,000 students, over 4,700 faculty, and approximately 304,800 alumni who live and work across the globe.

The University comprises nine undergraduate units and four graduate and professional colleges and schools in Ithaca, New York; two medical graduate and professional units, together with its physician organization, collectively referred to as “Weill Cornell Medicine” or “WCM”, in New York City, and “Weill Cornell Medicine - Qatar” in Doha, Qatar. The Cornell Tech campus, also in New York City, offers graduate programs in applied sciences, including three programs offered jointly with the Technion - Israel Institute of Technology under the auspices of the Joan and Irwin Jacobs Technion-Cornell Institute.

The University is subject to the common administrative authority and control of the Cornell University Board of Trustees. The University is prohibited from using funds attributable to the contract colleges (i.e., those colleges operated by the University on behalf of New York State) for other units of the University. Except as specifically required by law, the contract and endowed colleges at Ithaca, Cornell Tech, and WCM are, to the extent practicable, governed by common management principles and policies determined at the private discretion of the University. In addition to the activities of the endowed and contract colleges, the activities of the University’s subsidiaries and certain affiliated organizations are included in the consolidated financial statements. All significant intercompany transactions and balances are eliminated in the accompanying consolidated financial statements.

B. Basis of Presentation

The accompanying consolidated financial statements are prepared in accordance with U.S. generally accepted accounting principles (“GAAP”). Net assets, revenues, gains, and losses are categorized based on the existence or absence of donor-imposed restrictions.

The University’s Board of Trustees, with consideration to the actions, reports, information, advice, and counsel provided by its duly constituted committees and appointed officers of the University, including University Counsel, has instructed the University to preserve the historical dollar value of donor-restricted (true) endowment funds, absent explicit donor direction to the contrary. As a result, the University classifies as net assets with donor restrictions the original gift value of true endowments, plus any subsequent gifts and accumulations made in accordance with the directions of the applicable gift instruments.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

Net assets with donor restrictions also include gifts and appropriations from the endowment that can be expended, but for which the donors' purpose restrictions have not yet been met, as well as net assets with explicit or implied time restrictions, such as pledges and split-interest agreements. Expiration of donor restrictions is reported in the consolidated statements of activities as a reclassification from net assets with donor restrictions to net assets without donor restrictions on the net assets released from restriction lines. Net assets without donor restrictions are the remaining net assets of the University.

Transfers from net assets without donor restrictions to net assets with donor restrictions are primarily the result of donor redesignations or matching funds that are added to donor gift funds which then take on the same restrictions as the donor gift.

The University's measure of operations as presented in the consolidated statements of activities includes revenue and expenses related primarily to educational and training programs, research activities, contributions for operating programs, allocation of endowment spending for operations, medical services, and other revenues.

The University's non-operating activity within the consolidated statements of activities includes grants, contracts and appropriations for capital acquisition; contributions to the endowment and for building construction and renovation; investment returns net of endowment spending for operations and other activities related to the endowment; swap interest and change in value of interest rate swaps; long-term benefit plan obligation; and certain nonrecurring items.

The preparation of the consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses during the reporting period. Management's assumptions are related primarily to the appropriate inputs and discount rate for fair-value calculations, the discount rate for pension and postretirement benefit obligations, allowances for doubtful accounts and implicit price concessions, self-insured risks, and disclosure of contingent assets and liabilities. Actual results may differ from those estimates.

C. Income Taxes

The University is a not-for-profit organization as described in Section 501(c)(3) of the Internal Revenue Code. It is generally exempt from income taxes on related income under the appropriate sections of the Internal Revenue Code. In accordance with the accounting standards, the University evaluates its income tax position each fiscal year to determine whether the position is more likely than not to be sustained if examined by the applicable taxing authority. This review had no material impact on the University's consolidated financial statements.

D. Fair-Value Hierarchy

The University values certain financial assets and liabilities, on a recurring basis, following a hierarchy that categorizes and prioritizes the sources used to measure and disclose fair value. Fair value is defined as the price associated with an orderly transaction between market participants at the measurement date. This fair-value hierarchy is categorized into three levels based on inputs that market participants would use in valuing the financial instruments, which is based on market data obtained from sources independent of the University. The hierarchy of

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

inputs used to measure fair value, and the primary valuation methodologies used by the University for assets and liabilities measured at fair value, are disclosed below.

The fair value of Level 1 securities is based upon quoted prices in accessible active markets for identical assets. Market price data is generally obtained from exchange or dealer markets. The University does not adjust the quoted price for such assets.

The fair value of Level 2 securities is based upon quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, 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. In determining the fair value of financial instruments, the University considers such factors as interest-rate yield curves, duration of the instrument, and counterparty credit risk. The fair value of Level 3 securities is based upon valuation techniques that use significant unobservable inputs.

Inputs used in applying the various valuation techniques refer to the assumptions that are used to make valuation decisions. Inputs may include price information, credit data, liquidity statistics, and other factors. A financial instrument's level within the fair-value hierarchy is based on the lowest level of any input that is significant to the fair-value measurement. The University considers observable data to be market data that is readily available, reliable, and provided by independent sources. The categorization of a financial instrument within the fair-value hierarchy is, therefore, based upon the pricing transparency of the instrument and does not correspond to the University's perceived risk of that instrument.

E. Cash and Cash Equivalents

Cash and cash equivalents include cash on hand and in bank accounts, money market funds, and other temporary investments held for working capital purposes with an original maturity term of ninety days or less. The carrying amount of cash equivalents approximates fair value because of their short terms of maturity. Short-term highly liquid investments held within the University's investment portfolio are classified as short-term investments rather than cash equivalents and restricted cash is defined as that which is legally restricted to withdrawal and usage.

F. Investments

The University's investments are recorded in the consolidated financial statements at fair value. The values of publicly traded securities are based on quoted market prices and exchange rates, if applicable. The fair value of non-marketable securities is generally based on valuations provided by external investment managers. These investments are generally less liquid than other investments. The values reported by the general partner or investment manager may differ from the values that would have been reported had a ready market for these securities existed. The University exercises due diligence in assessing the policies, procedures, and controls implemented by its external investment managers and believes the carrying amount of these assets is a reasonable estimate of fair value.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

Investment income is recorded on an accrual basis. Purchases and sales of investment securities are reflected on a trade date basis. Realized gains and losses are calculated using average cost for securities sold.

Investment return, distributed included in operating revenues and other support consists of amounts appropriated by the Board of Trustees from the pooled endowment, as well as income and realized gains and losses on investments from working capital and non-pooled endowments and similar funds. Any difference between total return and amounts appropriated from the pooled endowment, and income and realized gains reinvested per donor restrictions are reported as non-operating activities.

G. Derivative Instruments

The University has approved the use of derivatives by outside investment managers, based on investment guidelines negotiated when a manager is appointed. The derivatives are used to adjust fixed-income durations and rates, create synthetic exposures to certain types of investments, hedge foreign currency fluctuations as well as adjust or hedge equity exposures. The value of these derivative positions is reflected in the net asset value of the respective fund. The change in the fair value of a derivative instrument held for investment is included in the non-operating investment return in the consolidated statements of activities.

In addition, the University holds other derivatives to manage its exposure to interest-rate risk related to its current or future long-term debt. These instruments are recorded at fair value as prepaid or accrued expenses in the consolidated statements of financial position. Swap interest and change in fair value are recorded as non-operating activities in the consolidated statements of activities.

Derivatives involve counterparty credit exposure. The University minimizes this exposure and manages counterparty risks by limiting swap exposure for each counterparty and monitoring the financial health of swap counterparties. The University has structured swap documents to limit maximum loss in the event of counterparty default.

H. Endowments

The responsibility for accepting, preserving, and managing those funds entrusted to the University rests, by law, with the Board of Trustees; however, the Trustees have delegated authority for investment decisions to the Investment Committee of the Board of Trustees. The Investment Committee determines investment policy, objectives, and guidelines, including allocation of assets between classes of investments.

The University's investment objective for its endowment assets is to maximize total return within reasonable risk parameters, specifically to achieve a total return, net of expenses, of at least five percent above inflation, as measured by the Consumer Price Index over a full market cycle (typically five to ten years) for all current assets and any future contributions. The achievement of favorable investment returns enables the University to distribute over time increasing amounts from the endowment, so that present and future needs can be treated equitably in inflation-adjusted terms. Diversification is a key component of the University's

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

standard for managing and investing endowment funds, and asset allocation targets are subject to ongoing reviews by the Investment Committee.

The University applies the “prudent person” standard when deciding whether to appropriate or accumulate endowment funds and considers the following factors: the duration and preservation of the endowment fund; the purposes of the institution and the endowment fund; the general economic conditions, including the potential effect of inflation or deflation; the expected total return of the fund; other resources of the University; the needs of the University and the fund to make distributions and preserve capital; and the University’s investment policy.

The Board authorizes a total annual payout distribution from endowment funds within a target range of 4.4 percent of a twenty-eight-quarter rolling average of the unit fair value, plus or minus 0.75 percent. The Trustees may occasionally make step adjustments, either incremental or decremental, based on prior investment performance, current market conditions, or any of the factors for prudent judgment described above. Total distributions, or spending, are presented as investment return, distributed, on the consolidated statements of activities, and includes endowment payout and an administrative fee, net of direct investment expenses, that supports the investment and stewardship costs of the University endowment.

The New York Prudent Management of Institutional Funds Act (“NYPMIFA”) established a requirement related to appropriations from endowments for which the fair value falls below the historic dollar value (“underwater”). In compliance with NYPMIFA, the University notified available donors, who had established endowments before September 17, 2010, of the new law. It offered these donors the option of requiring the University to maintain historical dollar value for their endowment funds. A minority of donors requested this option; for those who did, the University has designed procedures to ensure that the University maintains historical dollar value by not expending the payout on any underwater fund.

I. Split-Interest Agreements and Funds Held in Trust by Others

The University’s split-interest agreements with donors consist primarily of charitable gift annuities, pooled income funds, and charitable trusts for which the University serves as trustee. Assets held in trust are either separately invested or included in the University’s investment pools in accordance with the agreements. Contributions of split-interest agreements, net of related liabilities, increase net assets with donor restrictions. Liabilities associated with charitable gift annuities and charitable trusts represent the present value of the expected payments to the beneficiaries based on the terms of the agreements. Pooled income funds are recognized at the net present value of the net assets expected at a future date. Gains or losses resulting from changes in fair value, changes in assumptions, and amortization of discount are recorded as changes in value of split-interest agreements in the appropriate restriction categories in the non-operating section of the consolidated statements of activities.

Funds held in trust by others represent resources that are not in the possession or under the control of the University. These funds are administered by outside trustees, with the University receiving income or residual interest. Funds held in trust by others are recognized when the irrevocable trust is established or the University is notified of its existence at the estimated fair value of assets or the present value of future cash flows due to the University. Gains or losses

resulting from changes in fair value are recorded as non-operating activities in the consolidated statements of activities.

J. Land, Buildings, and Equipment, Net

Land, buildings, and equipment are stated in the consolidated statements of financial position at cost on the date of acquisition or at fair value on the date of donation, net of accumulated depreciation. Depreciation is computed using the straight-line method over the estimated useful life of the asset and is reflected as an operating expense. Useful lives range from three to fifteen years for equipment and fifteen to fifty years for buildings and improvements. Expenditures associated with the construction of new facilities are recorded as construction in progress until the projects are completed.

The University's collections of art, books, and other property have been acquired through purchases and contributions since the University's inception. They are recognized as capital assets and are reflected, net of accumulated depreciation, in the consolidated statements of financial position. A collection received as a gift is recorded at fair value as an increase in net assets in the year in which it is received.

K. Leases

The University determines if an arrangement is a lease or contains a lease at a contract's inception. A contract is determined to be or contain a lease if the contract conveys the right to control the use of identified property, plant, or equipment (an identified asset) in exchange for consideration. The University determines these assets are leased because the University has the right to obtain substantially all of the economic benefits from and the right to direct the use of the identified asset. Assets in which the supplier or lessor has the practical ability, the right to substitute alternative assets for the identified asset and would benefit economically from the exercise of its right to substitute the asset are not considered to be or contain a lease, because the University determines it does not have the right to control and direct the use of the identified asset. The University's lease agreements do not contain any material residual value guarantees or material restrictive covenants.

In evaluating its contracts, the University separately identifies lease and non-lease components, such as common area and other maintenance costs, for its office buildings, apartments, and vehicles. The University has elected the practical expedient to not separate lease and non-lease components and classifies the contract as a lease if consideration in the contract allocated to the lease component is greater than the consideration allocated to the non-lease component.

Leases result in recognition of right-of-use ("ROU") assets and lease liabilities on the consolidated statements of financial position. ROU assets represent the right to use an underlying asset for the lease term. Lease liabilities represent the obligation to make lease payments arising from the lease, measured on a discounted basis. The University determines lease classification as operating or finance at the lease commencement date. ROU assets and lease liabilities for operating and finance leases are included in the consolidated statements of financial position and presented separately based on the classification of the underlying lease arrangement.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

At lease inception, the lease liability is measured at the present value of the lease payments over the lease term. The ROU asset equals the lease liability adjusted for any initial direct costs, prepaid or deferred rent, and lease incentives. For the initial and subsequent measurement of all lease liabilities, the discount rate is based on the rate implied within the lease or on the University's incremental borrowing rate using a period comparable with the lease term.

The lease term may include options to extend or terminate the lease that the University is reasonably certain to exercise. Operating lease expense is generally recognized on a straight-line basis over the lease term.

L. Revenue

Tuition and fees

Tuition and mandatory fees revenue is recognized within the fiscal year in which educational services are provided. Institutional financial aid reduces the published price of tuition for students receiving such aid. Payments received in advance for summer session courses for credit toward a degree are recorded as deferred revenue.

State and Federal Appropriations

Revenue primarily consists of annual New York State appropriations through the legislative process and federal funding to Land Grant institutions via the Hatch, Smith-Lever, and other Acts in support of the contract colleges, and it is recognized over the fiscal year. This funding is considered a nonreciprocal conditional transaction with donor imposed restrictions. Condition(s) and restrictions are met in the same year and revenue is recorded within net assets without donor restrictions.

Grants and Contracts

Revenue under grants, contracts, and similar agreements comprise federal and non-federal (e.g., state, private foundation) grants and contracts. The funding may represent a reciprocal transaction in exchange for a commensurate benefit in return, or it may be a nonreciprocal transaction in which the resources provided are for the benefit of the University, the funding organization's mission, or the public at large. All federal grants and non-federal grants with similar restrictions on spending are conditional, and revenue is recognized when expenditures are incurred. When the condition(s) and restrictions are met within the same year, revenue is recorded within net assets without donor restrictions. Unconditional non-exchange revenue is recognized in full when the contribution is received or a qualifying promise to give has been made, generally when the agreement is finalized. Revenues from exchange transactions are recognized as performance obligations satisfied, whether milestones are achieved or related costs are incurred. Amounts received in advance for which revenue recognition criteria have not been met are recorded as deferred revenues.

Grants, contracts, and similar agreements typically provide for reimbursement of indirect costs based on predetermined rates negotiated with the University's cognizant federal agency or separately negotiated with a non-federal sponsor. Indirect cost recoveries on federally sponsored programs, such as the recovery of facilities and administrative (F&A) costs, are normally at reimbursement rates negotiated with the University's cognizant agency, the Department of

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

Health and Human Services. The University has entered into agreements with the federal government that define the rates at which the University can be reimbursed for F&A costs applicable to federal awards through June 30, 2026 (Ithaca campus) and June 30, 2021 (Weill Cornell Medicine). Although expired, in accordance with federal regulations the Weill Cornell Medicine agreement remains in effect, using provisional rates, until such time a new agreement is reached.

Additional information regarding grant and contract revenue is presented below.

GRANTS, CONTRACTS AND SIMILAR AGREEMENTS

2022	Exchange	Non-Exchange	2022 Total
Federal	\$ 18,967	\$ 737,151	\$ 756,118
State & local	47,297	12,228	59,525
Private	210,586	61,922	272,508
Total Grants, contracts and similar agreements	\$ 276,850	\$ 811,301	\$ 1,088,151

2021	Exchange	Non-Exchange	2021 Total
Federal	\$ 16,692	\$ 615,663	\$ 632,355
State & local	33,301	9,808	43,109
Private	205,068	56,185	261,253
Total Grants, contracts and similar agreements	\$ 255,061	\$ 681,656	\$ 936,717

Federal revenue is primarily nonreciprocal and conditional. A significant portion of private revenue is received in exchange for benefit to the Qatar Foundation related to the operation of Weill Cornell Medicine - Qatar. On June 30, 2022, the University has unrecorded conditional agreements of \$1,844,568.

Contributions

Contributions, including unconditional promises to give (pledges), are recognized as revenues in the appropriate category of net assets in the period received. A pledge is recorded at the present value of estimated future cash flows, based on an appropriate discount rate determined by management at the time of the contribution. Amortization of this discount in subsequent years is included in contribution revenue. A contribution of assets other than cash is recorded at its estimated fair value on the contribution date. Contributions for capital projects, endowments, and similar funds are reported as non-operating revenues.

The presence of both a barrier and a right of return make a contribution conditional. Conditional promises to give to the University are not recognized until the conditions are satisfied. Net assets with donor restrictions include contributions to the University and to the Cornell University Foundation (the "Foundation"), an affiliated entity that is included in the consolidated financial statements. The Foundation maintains a donor-advised fund for which the donors can make recommendations to the fund's trustees regarding distributions to the University or other charitable organizations. Distributions from the Foundation to external charitable organizations are recorded as non-operating expenses.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

Medical Physician Organization

The Medical Physician Organization (“MPO”) provides the management structure for the practice of medicine for all WCM physicians at the academic medical center and various clinical practice sites throughout New York City and surrounding areas. MPO revenue represents patient care and management service agreement fees. In addition to generating clinical practice revenue, MPO members may provide instruction and conduct research activities.

MPO patient care revenue is consideration received in exchange for clinical health care services provided to patients. The patient is the customer, regardless of the payor. The contract with the patient exists when the parties have approved the contract for clinical health care services either in writing, verbally or implicitly, based on the MPO’s customary business practice. Outpatient services are recognized as the service is provided.

For Medicare, Medicaid, and commercial payors, the transaction price is the amount the MPO expects to be entitled to under the contract, including explicit price concessions. For self-pay, deductibles, and co-payments, the transaction price is reduced by implicit price concessions, including estimates of uncollectible amounts. These estimates are based on policies and customary business practices of providing service regardless of the ability to pay, combined with historical collection rates.

The MPO uses a portfolio approach to account for categories of patient contracts rather than recognizing revenue on an individual contract basis. The contracts are categorized and grouped based on the service provided, the payor, and the service location. Based on historical collection trends and other analyses, the MPO believes that revenue recognized using the portfolio approach approximates the revenue that would have been recognized had an individual contract approach been used.

Revenue from management service agreement fees is consideration received in exchange for services provided to an external healthcare provider. Under terms of these contractual arrangements, WCM physicians provide services such as patient care or supervision and teaching of medical staff. The agreements are typically for a one-year term, and consideration is a fixed amount. Revenue is recognized throughout the fiscal year as services are rendered.

Additional information regarding MPO revenue is presented below.

MEDICAL PHYSICIAN ORGANIZATION REVENUE

	2022	2021
Outpatient Services		
Commercial	\$ 746,859	\$ 670,916
Government	106,553	102,932
Patient and other	198,177	173,866
	<u>1,051,589</u>	<u>947,714</u>
Management Service Agreements	253,088	214,828
Total	<u>\$1,304,677</u>	<u>\$1,162,542</u>

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

Auxiliary enterprises

Auxiliary enterprises support the educational experience of students, and include housing, dining, conference services, and the campus store. Housing and dining revenues are recognized over the course of the academic year and campus store and conference services revenue is recognized at the time of the transaction.

Educational Activities and Other Sales and Services

Educational activities and other sales and services represent revenue from operations related to the University's mission. These activities are managed like commercial entities. The largest component of this category is consideration received by WCM from New York-Presbyterian Hospital ("NYPH") in exchange for providing personnel, space, and other services. The revenue is billed based upon an approved annual joint budget and actual costs incurred. WCM recognizes revenue throughout the fiscal year as services are rendered to NYPH and accrues for any unbilled services as of June 30.

Educational activities and other sales and services also include activities such as royalties, transportation, parking, testing labs, teaching hotel, non-degree/non-credit course revenue, and athletics. These activities comprise exchange transactions with customers, which may be recognized at a specific point in time or over the period of the contract, depending on when the customer derives the benefit. Amounts received in advance are recorded as deferred revenues.

M. Comparative Financial Information

The consolidated statements of activities includes prior-year information in summary form rather than by restriction class. Such information does not include sufficient detail to constitute a presentation of prior-year data in conformity with U.S. GAAP. Accordingly, such information should be read in conjunction with the University's consolidated financial statements for the prior fiscal year from which the summarized information was derived.

N. Accounting Pronouncements

In August 2018, the FASB issued ASU 2018-14, Compensation – Retirement Benefits – Defined Benefits Plans – General. The new guidance changes the disclosures required for defined benefit pension and other postretirement benefit plans. Certain disclosures are no longer required, including the effect of a one-percentage-point change in the assumed healthcare cost trend rate on the aggregate of the service and interest cost components of net periodic benefit cost and on the benefit obligation for postretirement healthcare benefits. Additionally, new disclosures are required, including the reasons for significant gains and losses affecting benefit obligations. The University adopted ASU 2018-14 in the fiscal year 2022, and there was no material impact on the University's consolidated financial statements.

In March 2020, the FASB issued ASU 2020-04, Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting. In January 2021, the FASB subsequently issued ASU 2021-01, Reference Rate Reform (Topic 848), to amend the scope of the original guidance. The collective guidance provides temporary optional guidance to ease the potential burden in accounting for reference rate reform due to the discontinuation of the London Interbank Offered Rate ("LIBOR"). The amendments apply to contracts, hedges, and

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

other transactions affected by reference rate reform due to reference to LIBOR or another reference rate expected to be discontinued. The standard is effective immediately and can be applied through December 31, 2022. The University assessed the impact of this transition across its investment holdings and other derivative instruments. The LIBOR exposure in the University's portfolio is considered minimal. Benchmarks, manager fees, and service provider contracts associated with the long-term investments (LTI) are not expected to be impacted by the transition. The University adopted ASU 2021-01 in the fiscal year 2022, and there was no material impact on the University's consolidated financial statements.

In September 2020, the FASB issued ASU 2020-07, Presentation and Disclosures by Not-for-Profit Entities for Contributed Nonfinancial Assets. The new guidance amends ASC 958-05, requiring not-for-profit entities to present contributed nonfinancial assets as a separate line item in the statements of activities, apart from contributions of cash and other financial assets, and disclose contributed nonfinancial assets. Not-for-profits entities are required to disclose the disaggregation of the amount of contributed nonfinancial assets, which is recognized within the statements of activities, by the category that depicts the type of contributed nonfinancial asset. The University adopted ASU 2020-07 in the fiscal year 2022, and there was no material impact on the University's consolidated financial statements.

O. Reclassifications

Certain June 30, 2021, balances and amounts previously reported have been reclassified to conform to the June 30, 2022, presentation.

2. LIQUIDITY AND AVAILABILITY

Financial assets available for general expenditure within one year of June 30 are as follows:

LIQUIDITY AND AVAILABILITY		
	2022	2021
Cash and cash equivalents	\$ 826,880	\$ 744,927
Accounts receivable, net, due within one year	522,024	446,225
Contributions receivable available for operations, net, due within one year	122,454	142,481
Liquid operating investments	37,337	63,450
Endowment payout for subsequent year	314,278	283,739
Financial assets available within one year	\$ 1,822,973	\$ 1,680,822

In addition, the University had \$1,669,735 and \$1,726,967 in funds functioning as endowment (FFE) as of June 30, 2022, and 2021, respectively. These represent unrestricted operating funds that the University has internally designated. These could be liquidated over time, if necessary, to support operations.

The University manages its financial assets to be available as its operating expenditures, liabilities, and other obligations come due. The University's cash flows have seasonal variations during the year primarily attributable to tuition billing and a concentration of contributions received at the calendar and fiscal year-end.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

As of June 30, 2022, the University maintained four lines of credit totaling \$450 million with \$25 million expiring January 2023, \$125 million expiring March 2023, \$200 million expiring May 2024, and \$100 million expiring July 2025. There were no outstanding borrowings under these agreements.

As of June 30, 2021, the University maintained four lines of credit totaling \$300 million; with \$25 million expiring January 2022, \$100 million expiring March 2022, \$75 million expiring April 2022, and \$100 million expiring July 2025. There were no outstanding borrowings under these agreements.

In addition, the University has a taxable commercial paper program with an undrawn available balance of \$220.8 million as of June 30, 2022, and \$146.1 million as of June 30, 2021.

3. RECEIVABLES

A. Accounts Receivable

Accounts receivable from the following sources were outstanding as of June 30:

SUMMARY OF ACCOUNTS RECEIVABLE

	2022	2021
Grants and contracts	\$ 190,145	\$ 137,893
New York-Presbyterian Hospital and other affiliates	102,334	83,103
Patients and payors	91,211	104,732
Reinsurance receivable	119,777	110,185
Federal revolving student loans	14,093	17,632
Institutional student loans	35,206	37,529
Student accounts	37,691	26,206
Other	100,643	94,291
Net accounts receivable	\$ 691,100	\$ 611,571

The University's receivables are reviewed and monitored for aging and other factors that affect collectability. Receivables are reduced by an allowance for doubtful accounts of \$41,950 and \$33,243 at June 30, 2022, and 2021, respectively.

The patient accounts receivable for medical services comprises the following on June 30, 2022, and 2021, respectively: commercial third parties 78.7 percent and 79.1 percent; federal and state government 16.2 percent and 14.7 percent; and patients 5.1 percent and 6.2 percent. Note 13 provides additional information related to the reinsurance receivable.

Other accounts receivable include receivables from other government agencies, matured bequests, and other operating activities.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

B. Contributions Receivable

Unconditional promises to give, or pledges, are recorded in the consolidated financial statements at the present value using discount rates ranging from 0.5 percent to 6.0 percent. The methodology for estimating uncollectible amounts is based on an analysis of the historical collectability of contributions receivable. Contributions are expected to be realized as follows:

SUMMARY OF CONTRIBUTIONS RECEIVABLE

	2022	2021
Less than one year	\$ 347,799	\$ 270,304
Between one and five years	444,197	476,655
More than five years	111,707	123,207
Gross contributions receivable	\$ 903,703	\$ 870,166
Less: unamortized discount	(67,032)	(59,571)
Less: allowance for uncollectible amounts	(33,467)	(32,424)
Net contributions receivable	\$ 803,204	\$ 778,171

Contributions receivable as of June 30 are intended for the following purposes:

EXPECTED PURPOSE OF CONTRIBUTIONS RECEIVABLE

	2022	2021
Program support	\$ 296,138	\$ 346,219
Capital purposes	121,032	138,267
Long-term support	386,034	293,685
Net contributions receivable	\$ 803,204	\$ 778,171

On June 30, 2022, conditional promises not reflected in the consolidated financial statements, which consist primarily of bequest intentions and conditional promises with significant requirements, were \$1,088,497. When conditional promises to give become unconditional or payments from bequests are received, they are recorded and generally will be restricted for long-term support, program support, and capital projects as stipulated by the donors.

4. INVESTMENTS

A. General Information

The University's investments are overseen by the Investment Committee of the Board of Trustees. The University's investment strategy incorporates a diversified asset allocation approach and maintains, within defined limits, exposure to the movements of the world equity, fixed income, commodities, real estate, and private equity markets. Based on guidelines established by the Investment Committee, the University's Investment Office directs the investment of endowment and trust assets, and temporarily invested expendable funds.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

The University maintains a number of investment pools or categories for specific purposes as follows:

INVESTMENT POOLS/CATEGORIES AT FAIR VALUE

	2022	2021
Long-term investments (LTI)		
Long-term investment pool (LTIP)	\$ 9,213,239	\$ 9,389,207
Other LTI	624,959	639,273
Total LTI	\$ 9,838,198	\$ 10,028,480
Separately invested and other assets	678,518	574,948
Total investments	\$ 10,516,716	\$ 10,603,428

Total earnings on the University's investment portfolio for the fiscal years ended June 30 is presented in the following table:

SUMMARY OF INVESTMENT RETURN

	2022	2021
Interest and dividends, net of investment fees	\$ 58,674	\$ 52,884
Net realized gain/(loss)	777,697	720,187
Net unrealized gain/(loss)	(963,740)	2,164,441
Total investment return	\$ (127,369)	\$ 2,937,512

Total investment return equals investment return, distributed plus investment return, net of amount distributed.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

B. Fair Value

The University's investment holdings as of June 30, categorized in accordance with the fair-value hierarchy, are summarized in the following tables:

INVESTMENTS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	Net asset value	2022 Total
Short-term investments	\$ 565,342	\$ 3,543	\$ -	\$ -	\$ 568,885
Derivatives	-	(35,534)	-	-	(35,534)
Equity					
Domestic equity	459,915	321,385	209	-	781,509
Foreign equity	374,550	247,019	5,044	354,749	981,362
Hedged equity	-	-	785	-	785
Private equity	-	-	85,874	3,053,705	3,139,579
Fixed income					
Asset backed fixed income	-	10,881	-	-	10,881
Corporate bonds	-	50,902	-	-	50,902
Equity partnership	-	-	-	760,798	760,798
International	-	7,590	1,064	-	8,654
Municipals	24	1,675	-	-	1,699
Mutual funds (non-equity)	8,688	6,645	-	-	15,333
Preferred/convertible	9,089	-	1,137	-	10,226
Other fixed income	-	185	-	-	185
US government	578,835	32,069	-	-	610,904
Marketable alternatives	-	68,204	-	1,752,801	1,821,005
Diversifying assets	-	-	-	41,477	41,477
Real assets	39,999	12,884	18,832	1,568,854	1,640,569
Receivable for investments sold	16,730	-	-	-	16,730
Payable for investments purchased	(10,223)	-	-	-	(10,223)
Other	-	-	24,360	3,889	28,249
Total	\$2,042,949	\$ 727,448	\$ 137,305	\$ 7,536,273	\$10,443,975
				Equity method	72,741
				Total investments	<u>\$10,516,716</u>

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

INVESTMENTS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	Net asset value	2021 Total
Short-term investments	\$ 158,480	\$ 2,451	\$ -	\$ -	\$ 160,931
Derivatives	-	5,087	-	-	5,087
Equity					
Domestic equity	482,168	346,689	172	-	829,029
Foreign equity	519,153	440,217	2,260	450,326	1,411,956
Hedged equity	-	-	1,508	-	1,508
Private equity	-	188,270	61,115	3,216,852	3,466,237
Fixed income					
Asset backed fixed income	-	12,882	-	-	12,882
Corporate bonds	89	78,776	4,005	-	82,870
Equity partnership	-	-	-	737,734	737,734
International	-	15,962	992	-	16,954
Municipals	-	2,022	-	-	2,022
Mutual funds (non-equity)	10,758	7,124	-	-	17,882
Preferred/convertible	9,491	258	1,264	-	11,013
Other fixed income	-	179	-	-	179
US government	643,913	35,817	-	-	679,730
Marketable alternatives	-	82,881	-	1,503,139	1,586,020
Diversifying assets	-	-	-	45,675	45,675
Real assets	15,889	-	17,643	1,418,418	1,451,950
Receivable for investments sold	22,039	-	-	-	22,039
Payable for investments purchased	(29,439)	-	-	-	(29,439)
Other	-	-	19,682	4,945	24,627
Total	\$1,832,541	\$1,218,615	\$ 108,641	\$ 7,377,089	\$10,536,886
				Equity method	66,542
				Total investments	\$10,603,428

Level 1 investments consist of short-term investments, equity, and fixed-income securities with observable market prices. Fair value is readily determinable based on quoted prices in active markets. Unsettled trade receivable and payable valuations reflect cash settlements after the fiscal year-end and are also categorized as Level 1. The University does not adjust the quoted price for such instruments, even when it holds a significant position and a sale of all its holdings could reasonably impact the quoted price.

Investments classified as Level 2 include short-term investments, domestic and foreign equities, and fixed income securities that trade in markets that are not considered to be active. Fair value is based on observable inputs for similar instruments in the market and obtained by various sources, including market participants, dealers, and brokers. The University's custodian secures pricing for these assets. The fair value of derivative investments is based on market prices from the financial institution that is the counterparty to the derivative.

Level 3 investments have significant unobservable inputs because they trade infrequently or not at all. The inputs into determining fair value are based upon the best information in the circumstance and may require significant management judgment. Investments included in Level

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

3 consist primarily of the University's ownership in real estate, oil and mineral rights, limited partnerships, and equity positions in private companies.

Equity method investments include certain other investments that are accounted for using the equity method. These investments are structured as joint ventures where the University holds a percent ownership.

C. Investments Using Net Asset Value

The net asset value ("NAV") column above represents the University's ownership interest in certain alternative investments. As a practical expedient, the University uses its ownership interest in the NAV to determine the fair value of all alternative investments that do not have a readily determinable fair value and that have financial statements consistent with the measurement principles of an investment company or the attributes of an investment company. The NAV of these investments is determined by the general partner. It is based on appraisals or other estimates that require varying degrees of judgment. If no public market exists for the investment securities, the general partner will take 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. The University has performed significant due diligence around these investments to ensure that the NAV is an appropriate measure of fair value as of June 30.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

The following tables provide additional information about alternative investments measured at NAV as of June 30, 2022, and 2021, respectively:

SUMMARY OF ALTERNATIVE INVESTMENTS MEASURED USING NET ASSET VALUE 2022

Asset class	NAV in funds	Unfunded commitments	Timing to draw commitments	Redemption terms*
Private equity	\$ 3,053,705	\$ 664,150	1 to 10 years	Unknown - These funds are in private structures, with no ability to be redeemed
Real assets	1,568,854	476,866	1 to 10 years	Unknown - These funds are in private structures, with no ability to be redeemed
Fixed income	760,798	127,247	1 to 10 years	No redemptions available for funds in a private equity structure; balance includes 3% available daily, 9% within 7 to 15 days, 5% monthly with 30-days notice, 9% 1-year redemptions with 90-days notice, 1% with rolling 2-year redemptions with 90-days notice, and less than 1% within 5 years
Foreign equity	354,749	None	N.A.	Ranges between thrice-monthly redemption with 2-days notice, to rolling 3-year redemption with 90-days notice
Marketable alternatives	1,752,801	7,567	1 to 10 years	Ranges between quarterly redemption with 30 days notice to annual redemptions with 60-90 days notice
Diversifying assets	41,477	35,000	1 to 10 years	Available within 7 days
Other	3,889	None	N.A.	Unknown - These funds are in private structures, with no ability to be redeemed
Total	<u>\$ 7,536,273</u>	<u>\$ 1,310,830</u>		

* Represents initial investment lock up restriction. No other material redemption restrictions, such as redemption gates, were in place at year end.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

SUMMARY OF ALTERNATIVE INVESTMENTS MEASURED USING NET ASSET VALUE

2021

Asset class	NAV in funds	Unfunded commitments	Timing to draw commitments	Redemption terms*
Private equity	\$ 3,216,852	\$ 600,085	1 to 10 years	Unknown - These funds are in private structures, with no ability to be redeemed
Real assets	1,418,418	413,285	1 to 10 years	Unknown - These funds are in private structures, with no ability to be redeemed
Fixed income	737,734	168,496	1 to 10 years	No redemptions available for funds in a private equity structure; balance includes 4% available daily, 12% within 7 to 15 days, 5% monthly with 30-days notice, 10% 1-year redemptions with 90-days notice, 1% with rolling 2-year redemptions with 90-days notice, and less than 1% within 5 years
Foreign equity	450,326	None	N.A.	Ranges between thrice-monthly redemption with 2-days notice, to rolling 3-year redemption with 90-days notice
Marketable alternatives	1,503,139	None	N.A.	Ranges between quarterly redemption with 30-days notice, to 33% redemption per year with 60-days notice
Diversifying assets	45,675	None	N.A.	Available within 7 days
Other	4,945	None	N.A.	Unknown - These funds are in private structures, with no ability to be redeemed
Total	<u>\$ 7,377,089</u>	<u>\$ 1,181,866</u>		

* Represents initial investment lock up restriction. No other material redemption restrictions, such as redemption gates, were in place at year end.

D. Level 3 Investments

The tables below present a summary of Level 3 investment activity. All net realized and unrealized gains/(losses) in the tables are reflected in the accompanying consolidated statements of activities. Net unrealized gains/(losses) relate to those financial instruments held by the University on June 30, 2022, and 2021, respectively. During the fiscal year ended June 30, 2022, transfers out of Level 3 and into Level 1 include \$14,759 of foreign equity. Transfers out of Level 2 and into Level 3 include \$1,758 of corporate bonds and \$1,365 of international fixed income securities. The transfers were a result of a change in observable inputs used in the pricing methodology. There were no significant transfers into or out of Level 3 during the fiscal year ended June 30, 2021.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

SUMMARY OF LEVEL 3 INVESTMENT ACTIVITY

	Fair value at June 30, 2021	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value at June 30, 2022
Equity							
Domestic equity	\$ 172	\$ -	\$ 37	\$ -	\$ -	\$ -	\$ 209
Foreign equity	2,260	200	3,271	14,849	(777)	(14,759)	5,044
Hedged equity	1,508	(173)	(311)	-	(239)	-	785
Private equity	61,115	932	17,391	8,375	(1,939)	-	85,874
Fixed income							
Corporate bonds	4,005	3,160	(303)	-	(8,620)	1,758	-
International	992	1,272	(1,591)	322	(1,296)	1,365	1,064
Preferred/convertible	1,264	(1)	(126)	-	-	-	1,137
Other fixed income	-	-	-	-	-	-	-
Real assets	17,643	(1,108)	4,188	-	(1,891)	-	18,832
Other	19,682	(101)	(162)	4,946	(5)	-	24,360
Total level 3 investments	\$ 108,641	\$ 4,181	\$ 22,394	\$ 28,492	\$ (14,767)	\$ (11,636)	\$ 137,305

SUMMARY OF LEVEL 3 INVESTMENT ACTIVITY

	Fair value at June 30, 2020	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value at June 30, 2021
Equity							
Domestic equity	\$ 394	\$ (219)	\$ 22	\$ -	\$ (25)	\$ -	\$ 172
Foreign equity	1,447	1	309	503	-	-	2,260
Hedged equity	2,057	(22)	(451)	-	(76)	-	1,508
Private equity	50,726	107	3,450	6,963	(131)	-	61,115
Fixed income							
Corporate bonds	4,725	-	(685)	-	(35)	-	4,005
International	784	-	(4)	212	-	-	992
Preferred/convertible	4,412	1,751	(810)	-	(4,089)	-	1,264
Other fixed income	2,489	(4,117)	134	1,494	-	-	-
Real assets	18,653	(140)	(870)	-	-	-	17,643
Other	16,651	42	489	2,807	(307)	-	19,682
Total level 3 investments	\$ 102,338	\$ (2,597)	\$ 1,584	\$ 11,979	\$ (4,663)	\$ -	\$ 108,641

Level 3 equities not priced by qualified third parties (e.g., brokers, pricing services) are valued using discounted cash flows, considering various factors including nonperformance risk, counterparty risk, and marketability. Investment value is also derived using a market approach through comparison to recent and relevant market multiples of comparable companies. Start-up assets, held by the University's student-run venture fund or other similar programs, are maintained at or near initial investment amounts due to the nature of the activity.

Level 3 asset-backed fixed-income investments are valued using discounted cash flows. Preferred or convertible fixed-income investments are valued using discounted cash flows or a market approach using a dividend multiplier.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

Level 3 real assets represent directly owned real estate and oil or mineral rights. To the extent feasible, third-party appraisals are used to value real estate directly owned by the University. If current appraisals are not available, fair value is based on the capitalization rate valuation model or discounted cash flow, corroborated by local market data, if available. Oil and mineral rights are valued based on industry-standard revenue multiplier methodologies or discounted cash flows.

The following table provides additional information related to the valuation of the investments classified by the University as Level 3.

QUANTITATIVE INFORMATION ABOUT LEVEL 3 FAIR VALUE MEASUREMENT

	Level 3 fair value ^a	Valuation technique(s)	Unobservable inputs	Range (weighted average) ^b
Equity	\$ 28,839	Discounted cash flow	Discount rate	4.3% - 6.6% (6.1%)
			Discount for lack of marketability	0%-20% (9.1%)
Fixed income	1,048	Market comparable	Dividend multiple	16.5x - 17.2x (16.7x)
Real assets	4,939	Discounted cash flow	Discount rate	6.5% - 15% (7.9%)
	1,439	Sales comparison	Recent transactions	
	10,181	Cap rate valuation model	Capitalization rate	4.5%
Other	11,154	Discounted cash flow	Discount rate	0% - 5.3% (2.8%)
			Years to maturity	0.5 - 14 (3.6)
Total	\$ 57,600			

(a) Certain Level 3 assets totaling \$79,705 as of June 30, 2022, have been valued at cost or using unadjusted third party quotations and thus have been excluded from this table.

(b) Unobservable inputs were weighted by the relative fair value of the instruments

The methods described above may produce a fair-value calculation that is not indicative of net realizable value or reflective of future fair values. Furthermore, while the University believes its valuation methods are appropriate and consistent with other market participants, using 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.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

E. Derivative Holdings

The use of certain financial derivative instruments is governed by either the University's written investment policy, specific manager guidelines, or partnership or fund agreement documents. Specifically, financial derivative instruments may be used to manage foreign currency exposure, obtain commodity exposure, create synthetic exposure, or obtain protection against increases in interest rates. These derivatives, based on definitions in GAAP, are not designated as hedging instruments.

The University entered into option contracts on interest-rate swaps to mitigate the impact of a significant rise in interest rates in the future. Under the terms of certain option contracts on interest-rate swaps, the University is obligated to make future premium payments. The University had no unfunded premium payment commitments on June 30, 2022 or 2021.

The following table provides detailed information on the derivatives included in the investment portfolio as of June 30.

FAIR VALUE OF DERIVATIVE HOLDINGS IN STATEMENT OF FINANCIAL POSITION

Location	Derivative type	2022			2021		
		Notional amount	# of Contracts	Fair value	Notional amount	# of Contracts	Fair value
Investments	Foreign currency	\$ -	15	\$ 16	\$ -	27	\$ 230
	Commodity	320,789	86	(15,338)	136,642	53	3,373
	Synthetic	1,203,624	10	(20,212)	742,666	7	1,704
	Interest rate	-	0	-	-	1	(220)
	Total fair value	\$ 1,524,413	111	\$ (35,534)	\$ 879,308	88	\$ 5,087

5. LAND, BUILDINGS, AND EQUIPMENT, NET

A. General Information

Land, buildings, and equipment are detailed as follows:

LAND, BUILDINGS, AND EQUIPMENT

	Book value at June 30, 2022	Book value at June 30, 2021
Land, buildings, and equipment	\$ 7,144,059	\$ 6,790,426
Furniture, equipment, books, and collections	1,561,962	1,516,515
Construction in progress	374,665	435,965
Total before accumulated depreciation	\$ 9,080,686	\$ 8,742,906
Accumulated depreciation	(4,688,201)	(4,428,411)
Net land, buildings, and equipment	\$ 4,392,485	\$ 4,314,495

Certain properties, for which the University has possession and beneficial use for an indefinite period and which other entities may also record as assets, are included in the consolidated statements of financial position, as follows: (1) land, buildings, and equipment of the contract

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

colleges aggregating \$723,002 and \$740,578 on June 30, 2022, and 2021, respectively, the acquisition cost of which was borne primarily by New York State, and (2) land, buildings, and equipment for which titles rest with government and corporate agencies aggregating \$568 and \$511 on June 30, 2022, and 2021, respectively.

The future commitments on capital projects in progress, excluding projects funded by New York State, are approximately \$178,651 on June 30, 2022.

B. Cornell Tech Campus

In December 2011, in partnership with Technion-Israel Institute of Technology, the University won the Applied Sciences NYC competition to build and operate a new applied sciences and engineering campus in New York City. The city committed, through the New York City Economic Development Corporation (“NYCEDC”), a location and seed funding for the initial construction of the new campus. Under the terms of the agreement with the NYCEDC and the ninety-nine-year ground lease for Roosevelt Island, the University committed to creating the new applied sciences campus in three phases, with milestones in 2017, 2027, and 2037. In addition, the University has enrollment, faculty, and other operational commitments as part of the agreement.

Cornell Tech met its first milestone when faculty, staff, and researchers moved into the first academic building (Bloomberg Center) on Roosevelt Island during the summer of 2017. Students, faculty, and researchers moved into The House at Cornell Tech in advance of the fall semester. In addition, programs and operations in the Bloomberg Center and The Tata Innovation Center began during the 2017-2018 academic year, rounding out the University’s operational commitments for the first phase. The Tata Innovation Center, originally under a finance lease, was purchased May 5, 2022.

6. OBLIGATIONS UNDER SPLIT-INTEREST AGREEMENTS AND FUNDS HELD IN TRUST BY OTHERS

The University reports its obligations under split-interest agreements at fair value. The fair value of the obligations are calculated annually and considered Level 3 in the fair-value hierarchy. The discount rate is based on average return of investment-grade corporate bonds, weighted using a schedule of actuarial estimates of the lives of the income beneficiaries and the relative value of the agreements.

The University’s interest in funds held in trust by others is considered Level 3 in the fair-value hierarchy. Trusts in which the University has an income interest are valued annually using estimated cash flows based on average actual income over three years. Remainder interests are determined using present value calculations based on annual valuation reports received from the funds’ trustees. The discount rates used to estimate present value are based on the average return of investment-grade corporate bonds, weighted according to a schedule of actuarial estimates.

The following tables summarize the fair values and activity of funds held in trust by others and obligations under split interest agreements.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

SPLIT-INTEREST AGREEMENTS AT FAIR VALUE AND LEVEL 3 QUANTITATIVE INFORMATION

	2022	Valuation	Unobservable	Range
	Total	methodologies	inputs	(weighted average)
Funds held in trust by others				
Remainder	\$ 45,642	Present value calculation	Discount rate	4.69%
			Years to maturity	0-51 (12)
Lead and perpetual	66,302	Discounted cash flow	Discount rate	4.96%
Total funds held in trust by others	\$ 111,944			
Obligations under split-interest agreements	\$ 138,454	Discounted cash flow	Discount rate	4.83%
			Years to maturity	0-62 (15)
	2021	Valuation	Unobservable	Range
	Total	methodologies	inputs	(weighted average)
Funds held in trust by others				
Remainder	\$ 64,365	Present value calculation	Discount rate	2.50%
			Years to maturity	0-52 (15)
Lead and perpetual	88,386	Discounted cash flows	Discount rate	3.46%
Total funds held in trust by others	\$ 152,751			
Obligations under split-interest agreements	\$ 137,099	Discounted cash flows	Discount rate	3.02%
			Years to maturity	0-63 (16)

SUMMARY OF LEVEL 3 SPLIT-INTEREST AGREEMENT ACTIVITY

	Fair value at June 30, 2021	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value at June 30, 2022
Funds held in trust by others							
Remainder	\$ 64,365	\$ 1,659	\$ (18,766)	\$ 950	\$ (2,566)	\$ -	\$ 45,642
Lead and perpetual	88,386	(143)	(21,941)	-	-	-	66,302
Total funds held in trust by others	\$ 152,751	\$ 1,516	\$ (40,707)	\$ 950	\$ (2,566)	\$ -	\$ 111,944
Obligations under split-interest agreements	\$ 137,099	\$ -	\$ 1,355	\$ -	\$ -	\$ -	\$ 138,454
	Fair value at June 30, 2020	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value at June 30, 2021
Funds held in trust by others							
Remainder	\$ 57,325	\$ 1,265	\$ 6,919	\$ -	\$ (1,144)	\$ -	\$ 64,365
Lead and perpetual	91,708	(130)	(3,192)	-	-	-	88,386
Total funds held in trust by others	\$ 149,033	\$ 1,135	\$ 3,727	\$ -	\$ (1,144)	\$ -	\$ 152,751
Obligations under split-interest agreements	\$ 136,909	\$ -	\$ 190	\$ -	\$ -	\$ -	\$ 137,099

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

7. DEFERRED BENEFITS

A. General Information

Accrued employee benefit obligations as of June 30 include the following:

SUMMARY OF DEFERRED BENEFITS

	2022	2021
Postemployment benefits	\$ 37,349	\$ 36,288
Pension and other postretirement benefits	319,745	425,895
Other deferred benefits	220,123	226,577
Total deferred benefits	\$ 577,217	\$ 688,760

Accrued postemployment benefits include workers' compensation and medical continuation benefits for those on long-term disability. Other deferred benefits include primarily vacation accruals, deferred compensation, and medical benefit claims incurred-but-not-reported ("IBNR"). Additionally, the University provides various benefits to former or inactive employees after employment, but before retirement, that are recognized when they are earned.

B. Pension and Postretirement Plans

The University's employee retirement plan coverage is provided by two basic types of plans: one based on a predetermined level of funding (defined contribution), and the other based on a years-of-service calculation to determine the level of benefit to be provided (defined benefit).

The defined contribution plans for endowed colleges and exempt employees (those not subject to the overtime provisions of the Fair Labor Standards Act) at WCM are funded either by employer contributions based on a percentage of salary or by voluntary employee contributions. The contributions to the defined contribution plans are held on investment platforms with record keeping services performed by the Teachers Insurance and Annuity Association and Fidelity Investments (endowed colleges only). Total contributions of the endowed colleges and WCM plans for the fiscal years ended June 30, 2022, and 2021 amounted to \$135,791 and \$111,587, respectively.

WCM maintains the University's only defined benefit pension plan. The participants include non-exempt employees at WCM who meet the eligibility requirements for participation. The plan was frozen in 1976 for exempt employees at WCM, and the accrued benefits were merged with the active non-exempt retirement plan in 1989. In accordance with the funding requirements applicable to defined benefit plans under the Employee Retirement Income Security Act of 1974 ("ERISA"), the University must contribute to the plan's trust an actuarially determined amount that represents current year benefits plus an amount to fund any shortfall in trust assets needed to satisfy plan benefit obligations.

Additionally, the University provides health and life insurance benefits for eligible retired employees and their dependents, based on the attainment of a set of defined service and age requirements. The cost of providing these benefits is accrued during the service lives of employees.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

C. Obligations and Funded Status

The following table sets forth the defined benefit pension and postretirement plans' obligations and funded status as of June 30:

SUMMARY OF OBLIGATIONS AND FUNDED STATUS

	Pension benefits		Other postretirement	
	2022	2021	2022	2021
Change in plan assets				
Fair value of plan assets at beginning of year	\$ 179,602	\$ 141,600	\$ 422,131	\$ 315,945
Actual return on plan assets	(19,105)	41,291	(53,089)	106,186
Employer and participant contribution	6,500	6,500	31,182	29,976
Benefits paid	(10,007)	(9,789)	(31,182)	(29,976)
Fair value of plan assets at end of year	\$ 156,990	\$ 179,602	\$ 369,042	\$ 422,131
Change in benefit obligation				
Benefit obligation at beginning of year	\$ 273,264	\$ 243,942	\$ 754,364	\$ 686,886
Service cost (benefits earned during the period)	19,250	18,117	32,786	29,975
Interest cost	9,933	8,964	24,676	22,491
Actuarial (gain)/loss	(83,650)	12,030	(148,009)	40,766
Benefits paid net of participant contributions	(10,007)	(9,789)	(27,781)	(26,828)
Less: federal subsidy on benefits paid	-	-	951	1,074
Projected benefit obligation at end of year	\$ 208,790	\$ 273,264	\$ 636,987	\$ 754,364
Funded status	\$ (51,800)	\$ (93,662)	\$ (267,945)	\$ (332,233)
Amounts recognized in the consolidated statements of financial position	\$ (51,800)	\$ (93,662)	\$ (267,945)	\$ (332,233)
Amounts recorded in net assets without donor restrictions not yet amortized as components of net periodic benefit cost				
Prior service cost	\$ -	\$ (49)	\$ (31,875)	\$ (44,502)
Net actuarial (gain)/loss	(10,338)	43,261	14,983	80,643
Amount recognized as reduction in net assets without donor restrictions	\$ (10,338)	\$ 43,212	\$ (16,892)	\$ 36,141
Amounts recorded in non-operating pension and postretirement changes				
Change in amounts not yet amortized as components of net periodic benefit cost	\$ 53,550	\$ 22,957	\$ 53,033	\$ 35,639
Other components of net periodic benefit cost	1,062	(2,661)	17,210	7,291
Total non-operating pension and postretirement changes	\$ 54,612	\$ 20,296	\$ 70,243	\$ 42,930

The accumulated benefit obligation for the pension plans was \$184,611 and \$239,433 on June 30, 2022, and 2021, respectively. The accumulated benefit obligation differs from the projected benefit obligation in the table above in that it includes no assumptions about future compensation levels. It represents the actuarial present value of future payments to plan participants using current and past compensation levels. For postretirement plans other than pensions, the accumulated benefit obligation is the same as the projected benefit obligations because the liabilities are not compensation related.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

The decrease in the benefit obligation for the pension and postretirement plans was primarily driven by an actuarial gain due to increase in the discount rates and partially offset by other actuarial losses mainly due to updated census and claims data and updates to mortality tables.

D. Net Periodic Benefit Cost

Net benefit expense related to the pension and postretirement plans for the fiscal years ended June 30 includes the following components:

NET PERIODIC BENEFIT COST

	Pension benefits		Other postretirement	
	2022	2021	2022	2021
Service cost (benefits earned during the period)	\$ 19,250	\$ 18,117	\$ 32,786	\$ 29,975
Interest cost	9,933	8,964	24,676	22,491
Expected return on plan assets	(13,099)	(10,307)	(30,815)	(23,065)
Amortization of prior service cost	(49)	(92)	(12,627)	(12,627)
Amortization of net (gain)/loss	2,153	4,096	1,556	5,910
Net periodic benefit cost	\$ 18,188	\$ 20,778	\$ 15,576	\$ 22,684

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

E. Actuarial Assumptions

Assumptions used in determining the pension and postretirement plans' benefit obligations and net periodic costs are as follows:

SUMMARY OF ACTUARIAL ASSUMPTIONS

	Pension benefits		Other postretirement	
	2022	2021	2022	2021
Used to calculate benefit obligations at June 30				
Discount rate	5.13%	3.39%	5.04% / 4.92%	3.21% / 2.89%
Rate of compensation increase	3.00%	3.00%	n/a	n/a
Used to calculate net periodic cost at July 1				
Discount rate	3.39%	3.49%	3.21% / 2.89%	3.24% / 2.84%
Expected return on plan assets	7.30%	7.30%	7.30%	7.30%
Rate of compensation increase	3.00%	0.00% - 3.00%	n/a	n/a
Assumed health care cost trend rates				
Health care cost trend rate assumed for next year	n/a	n/a	4.50% / 6.50%	4.50% / 6.50%
Ultimate trend rate	n/a	n/a	4.50%	4.50%
Years to reach ultimate trend rate	n/a	n/a	7	5

F. Plan Assets

The University's Retirement Plan Oversight Committee ("RPOC") is chaired by the Vice President and Chief Human Resources Officer, with committee members selected from across multiple disciplines at the University. Its primary purpose is to assist the University in fulfilling its fiduciary responsibilities by providing guidance and oversight for the University's retirement plans, including oversight of the custodial bank. The RPOC, in accordance with an Investment Policy Statement and in conjunction with its outside consultant, regularly reviews the investment strategies, along with evolving institutional objectives, and will make recommendations regarding possible changes to asset allocation and investment managers accordingly.

The University's overall investment objectives for pension and postretirement healthcare plan assets are broadly defined to include an inflation-adjusted rate of return that seeks growth commensurate with a prudent level of risk. To achieve this objective, the University has established fully discretionary trusts with a custodial bank as trustee and an investment manager for WCM's defined benefit pension plan as well as the postretirement medical benefit plan for the University's endowed employees on the Ithaca campus. Under those trust agreements, the custodial bank implements investment allocations through various investment funds to carry out the investment objectives established by the RPOC.

Risk mitigation is achieved by diversifying investments across multiple asset classes, investing in high-quality securities, and permitting flexibility in the balance of investments in the recommended asset classes. Market risk is inherent in any portfolio, but the investment policies and strategies are designed to avoid concentration of risk in any one entity, industry, country, or commodity. The funds in which the plan assets are invested are well-diversified and managed to avoid concentration of risk. The expected rate of return assumptions are based on the expertise provided by investment managers at the custodial bank. The factors impacting the expected rates

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

of return for various asset types include assumptions about inflation, historically based real returns, anticipated value added by investment managers, and expected average asset allocations.

The fair values of the pension plan assets and postretirement medical benefit plan assets are categorized according to the fair-value hierarchy. Both the pension plan and postretirement medical benefit plans invest in funds to meet their investment objectives. The asset allocation is based on the underlying assets of the various funds. The fair-value level is based upon each fund as the unit of measure. The fair value of the plans' assets as of June 30 and the roll-forward for Level 3 assets are disclosed in the tables below.

SUMMARY OF PLAN ASSETS

	Target allocation	Pension benefits		Other postretirement	
		2022	2021	2022	2021
Percentage of plan assets					
Equity securities	39-85%	61%	64%	72%	74%
Fixed income securities	15-55%	30%	32%	28%	26%
Real estate	0-10%	9%	4%	0%	0%
Total		100%	100%	100%	100%

PENSION PLAN ASSETS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	2022 Total
Cash and cash equivalents				
Money market	\$ 144	\$ -	\$ -	\$ 144
Equity securities				
U.S. small cap	-	5,509	-	5,509
U.S. large cap	-	42,845	-	42,845
U.S. multi cap	-	4,996	-	4,996
U.S. REITS	-	3,935	-	3,935
Emerging markets	-	9,483	-	9,483
International equity	-	28,344	-	28,344
Fixed income securities				
U.S. high yield bonds	-	6,270	-	6,270
Corporate bonds	-	38,305	-	38,305
International fixed income	-	3,067	-	3,067
Other types of investments				
Real estate	-	-	14,092	14,092
Receivable for investments sold	-	-	-	-
Total assets	\$ 144	\$ 142,754	\$ 14,092	\$ 156,990

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

PENSION PLAN ASSETS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	2021 Total
Cash and cash equivalents				
Money market	\$ 8,834	\$ -	\$ -	\$ 8,834
Equity securities				
U.S. small cap	-	8,540	-	8,540
U.S. large cap	-	48,050	-	48,050
U.S. multi cap	-	5,621	-	5,621
U.S. REITS	-	6,022	-	6,022
Emerging markets	-	10,962	-	10,962
International equity	-	36,336	-	36,336
Fixed income securities				
U.S. high yield bonds	-	7,252	-	7,252
Corporate bonds	-	36,606	-	36,606
International fixed income	-	3,531	-	3,531
Other types of investments				
Real estate	-	-	7,351	7,351
Receivable for investments sold	497	-	-	497
Total assets	\$ 9,331	\$ 162,920	\$ 7,351	\$ 179,602

SUMMARY OF LEVEL 3 PENSION PLAN ACTIVITY

	Fair value, June 30, 2021	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value, June 30, 2022
Real estate	\$ 7,351	\$ -	\$ 3,241	\$ 3,500	\$ -	\$ -	\$ 14,092
Total Level 3 assets	\$ 7,351	\$ -	\$ 3,241	\$ 3,500	\$ -	\$ -	\$ 14,092

SUMMARY OF LEVEL 3 PENSION PLAN ACTIVITY

	Fair value, June 30, 2020	Realized gain/(loss)	Unrealized gain/(loss)	Purchases	Sales	Transfers in/(out) of Level 3	Fair value, June 30, 2021
Real estate	\$ 7,088	\$ -	\$ 263	\$ -	\$ -	\$ -	\$ 7,351
Total Level 3 assets	\$ 7,088	\$ -	\$ 263	\$ -	\$ -	\$ -	\$ 7,351

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

POSTRETIREMENT PLAN ASSETS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	2022 Total
Cash and cash equivalents				
Money market	\$ 63,529	\$ -	\$ -	\$ 63,529
Equity securities				
U.S. small cap	-	2,957	-	2,957
U.S. large cap	-	157,550	-	157,550
Emerging markets	-	(4,220)	-	(4,220)
International equity	-	108,902	-	108,902
U.S. REITS	-	5	-	5
Fixed income securities				
U.S. high yield bonds	-	530	-	530
Corporate bonds	-	39,953	-	39,953
Receivable for investments sold	5,364	-	-	5,364
Payable for investments purchased	(5,528)	-	-	(5,528)
Total assets	\$ 63,365	\$ 305,677	\$ -	\$ 369,042

POSTRETIREMENT PLAN ASSETS AT FAIR VALUE

	Level 1 fair value	Level 2 fair value	Level 3 fair value	2021 Total
Cash and cash equivalents				
Money market	\$ 341	\$ -	\$ -	\$ 341
Equity securities				
U.S. small cap	-	26,548	-	26,548
U.S. large cap	-	131,131	-	131,131
Emerging markets	-	17,328	-	17,328
International equity	-	132,463	-	132,463
U.S. REITS	-	4,861	-	4,861
Fixed income securities				
U.S. high yield bonds	-	15,395	-	15,395
Corporate bonds	-	94,000	-	94,000
Receivable for investments sold	3,164	-	-	3,164
Payable for investments purchased	(3,100)	-	-	(3,100)
Total assets	\$ 405	\$ 421,726	\$ -	\$ 422,131

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

G. Expected Contributions and Benefit Payments

The expected annual contributions and benefit payments that reflect anticipated service are as follows:

EXPECTED CONTRIBUTIONS AND BENEFIT PAYMENTS

	Pension benefits	Other postretirement	
		Employer paid	Government subsidy
University contributions			
2023	\$ 6,500	\$ 27,157	n/a
Future benefit payments			
2023	8,401	28,399	1,636
2024	8,924	30,339	1,724
2025	10,080	32,127	1,813
2026	10,492	33,857	1,913
2027	10,648	35,852	2,018
2028-2032	64,998	212,071	11,779

The Medicare Prescription Drug, Improvement and Modernization Act of 2003 established a prescription drug benefit known as “Medicare Part D” that also established a federal subsidy to sponsors of retiree healthcare benefit plans. The estimated future government subsidy amounts are reflected in the table above.

H. Contract College Employees

Employees of the contract colleges are covered under the New York State pension plans. Contributions to the state retirement system and other fringe benefit costs are paid directly by the state. The amount of the direct payments applicable to the University as revenue and expenditures is not currently determinable and is not included in the consolidated financial statements. The University reimburses the state for fringe benefit costs on certain salaries, principally those associated with externally sponsored programs. The amounts reimbursed to the state during the fiscal years ended June 30, 2022, and 2021 were \$18,072 and \$16,913, respectively, and are included in operating expenses.

8. RELATED PARTIES AND FUNDS HELD FOR OTHERS

Transactions between the University and any of its trustees, officers or employees are subject to the University’s conflict of interest policies, which require disclosure of conflicting interests and abstention by the conflicted persons from University decision making. The University assesses related party transactions, including those with external organizations

The University, in limited instances, invests funds on behalf of related parties. Independent trustees are responsible for the designation of income distribution. The value of the funds included in investments in the consolidated statements of financial position was \$275,089 and \$296,207 for the fiscal years ended June 30, 2022, and 2021, respectively. The University recognizes an offsetting liability for funds held for others, with one adjustment described below.

The New York Hospital-Cornell Medical Center Fund, Inc. (“Center Fund”), which benefits WCM and the New York-Presbyterian Hospital, is the major external organization invested in

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

the University's long-term investment portfolio with assets of \$236,754 and \$246,483 for the fiscal years ended June 30, 2022, and 2021, respectively. WCM holds a significant beneficial interest in the assets of the Center Fund of \$156,107 and \$162,797, for the fiscal years ended June 30, 2022, and 2021, respectively. The liability related to New York-Presbyterian's interest is \$80,647 and \$83,686 for the fiscal years ended June 30, 2022, and 2021, respectively.

9. BONDS AND NOTES PAYABLE

A. General Information

Bonds and notes payable are reported at carrying value, which is the par amount net of unamortized issuance costs, premiums, and discounts. Bonds and notes payable as of June 30 are summarized as follows:

SUMMARY OF BONDS AND NOTES PAYABLE

	2022	2021	Interest rates (%)	Final maturity (fiscal year)
Dormitory Authority of the State of New York (DASNY)				
Revenue Bond Series				
2000A-variable rate/monthly	\$ 24,225	\$ 27,175	0.64 to 1.42	2029
2000B-variable rate/monthly	35,405	39,060	0.64 to 1.42	2030
2004A&B-variable rate/weekly	49,550	53,075	0.01 to 0.92	2033
2016A-fixed rate	96,225	101,800	4.00 to 5.00	2035
2019A-fixed rate	86,095	96,260	4.00 to 5.00	2029
2019B-variable rate/daily	92,210	92,210	0.01 to 0.83	2039
2019C-variable rate/monthly	79,370	79,370	0.62 to 1.39	2034
2019D-fixed rate	115,790	121,415	5.00	2036
2020A-fixed rate	233,000	233,000	4.00 to 5.00	2050
2020A2-fixed rate	77,840	77,840	5.00	2031
Tompkins County Industrial Development Agency (TCIDA)				
2002A-variable rate/monthly	-	24,205	0.64 to 1.21	2022
Empire State Development	875	1,000	-	2029
2018A-fixed rate	150,000	150,000	3.85	2049
2007A Taxable commercial paper	79,200	153,890	0.12 to 1.40	-
2020B-variable rate/monthly	138,000	138,000	0.76 to 1.74	2030
2020C-variable rate/monthly	23,000	23,000	0.76 to 1.74	2031
2020D-variable rate/monthly	110,965	150,000	0.81 to 1.73	2032
2020E-fixed rate	75,000	75,000	2.85	2053
2022A-fixed rate	345,000	-	3.41	2042
Hudson Cornell Residential JV LLC	97,550	97,550	1.58 to 3.14	2024
Other	6,855	7,308	2.75 to 6.63	2053
Outstanding bonds and notes payable	\$ 1,916,155	\$ 1,741,158		
Unamortized premium and issuance costs	120,515	135,572		
Total bonds and notes payable	\$ 2,036,670	\$ 1,876,730		

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

Debt and related debt service for borrowings by New York State for the construction and renovation of facilities of the contract colleges are not included in the consolidated financial statements because they are not liabilities of the University.

In fiscal year 2022, the University issued a \$345 million taxable fixed-rate 20-year loan for general corporate purposes, to fund capital projects and to redeem debt. In addition, the University redeemed \$22 million of Tompkins County Industrial Development Agency (TCIDA) Series 2002A bonds, \$75 million of taxable commercial paper, and \$39 million of Series 2020D term loan. The University also amended its Series 2020B, Series 2020C, Series 2020D and Series 2020E taxable loans with various private lenders to make changes in interest rates, terms, and/or maturity dates of the loans that benefited the University.

During the fiscal year ended June 30, 2021, the University executed a \$75 million taxable seven-year fixed-rate note and a \$100 million five-year line of credit for general corporate purposes. Additionally, the University redeemed \$53.4 million of Tompkins County Industrial Development Agency (TCIDA) Series 2008A bonds and \$20.8 million Dormitory Authority of the State of New York (DASNY) Series 1990B bonds.

The University maintains tax-exempt and taxable commercial paper programs. Tax-exempt commercial paper is used to finance qualified capital projects and equipment purchases. Taxable commercial paper is also used for these purposes and can also finance short-term working capital needs. During the fiscal year ended June 30, 2022, the maximum authorized amount for the taxable commercial paper program is \$300 million. The maximum authorized amount for the tax-exempt commercial paper program is \$200 million.

Scheduled principal and interest payments on bonds and notes for the next five fiscal years and thereafter are shown below:

ANNUAL DEBT SERVICE REQUIREMENTS			
Year	Principal	Interest	Total
2023	\$ 41,746	\$ 49,569	\$ 91,315
2024	141,021	52,616	193,637
2025	45,265	48,083	93,348
2026	97,881	46,091	143,972
2027	48,595	44,817	93,412
Thereafter	1,541,647	503,785	2,045,432
Total	\$ 1,916,155	\$ 744,961	\$ 2,661,116

The University estimates future interest payments on variable-rate debt based on the Securities Industry and Financial Markets Association (SIFMA) rate for tax-exempt debt and the London Interbank Offered Rates (LIBOR) rate for taxable debt.

B. Interest-Rate Swaps

The University's Board of Trustees approved the use of interest-rate swaps to mitigate interest-rate risk in the debt portfolio. Interest-rate swaps are derivative instruments; however, their use by the University is not considered hedging activity, based on definitions in generally accepted accounting principles.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

Using interest-rate swap agreements, the University is exposed to the risk that counterparties will fail to meet their contractual obligations. The University limits swap exposure for each counterparty to mitigate counterparty risk. Master agreements with counterparties include netting arrangements that permit the University to net amounts due to the counterparty with amounts due from the counterparty. Utilizing netting arrangements reduces the maximum loss in the event of counterparty default.

The University's swap agreements contain a credit-rating-contingent feature in which the counterparties can request collateral on agreements in net liability positions. On June 30, 2022, and 2021, the University did not have collateral on deposit with any counterparty.

The University's interest-rate swaps are reported at fair value and classified as Level 2 in the fair-value hierarchy. The University's interest-rate swaps are valued as of June 30 by an independent third party that uses the mid-market levels, as of the close of business, to value each agreement. The valuations provided are derived from proprietary models based upon well-recognized financial principles and estimates about relevant future market conditions and the University's creditworthiness.

On June 30, 2022, the University had five interest-rate swap agreements to exchange variable-rate cash flows for fixed-rate cash flows without exchanging the underlying principal amount. Net payments or receipts of the swap agreements are recorded as adjustments to the swap interest and change in value of interest-rate swaps line in the consolidated statements of activities. In all agreements in effect on June 30, 2022, the counterparty pays a variable interest rate equal to a percentage of the one-month LIBOR.

The following table provides detailed information on the interest-rate swaps on June 30, 2022, and June 30, 2021.

FAIR VALUE OF INTEREST-RATE SWAPS IN STATEMENT OF FINANCIAL POSITION

					2022	2021
Location	Notional amount	Interest rate	Termination date	Basis	Level 2 fair value	Level 2 fair value
Swap interest and change in value of interest-rate swaps						
	\$ 24,205	4.52	July 1, 2030	LIBOR	\$ (2,538)	\$ (4,914)
	76,991	3.92	July 1, 2038	LIBOR	(11,460)	(21,926)
	275,000	3.88	July 1, 2040	LIBOR	(68,278)	(127,120)
	170,210	3.48	July 1, 2041	LIBOR	(22,558)	(47,081)
	175,490	3.77	July 1, 2044	LIBOR	(31,331)	(60,610)
Total fair value					\$ (136,165)	\$ (261,651)

C. Variable Rate Debt Subject to Remarketing or Tender

At June 30, 2022, the University had \$221 million of variable rate demand bonds and commercial paper notes outstanding. DASNY Series 2004A&B are variable rate demand bonds remarketed on a weekly basis, DASNY Series 2019B bonds are variable rate demand bonds remarketed daily and the tax-exempt and taxable commercial paper notes are sold with maturities of 270 days or less. The variable rate demand bondholders have the option to tender their bonds

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

on a remarketing date. Commercial paper noteholders are not required to repurchase the notes as they mature. For the variable rate demand bonds, the University has a standby bond purchase agreement for Series 2019B, expiring April 2024, and a standby purchase agreement for Series 2004 bonds, expiring January 2025. If the bonds cannot be remarketed, the standby purchase agreements will purchase the bonds. If the bonds cannot be remarketed for a length of time and the University does not redeem or refinance the bonds in a different interest rate mode, the University will have a current obligation to purchase the bonds tendered. If maturing taxable commercial paper notes are not resold, the University maintains sufficient liquidity to provide for the full and timely purchase of any notes.

D. Lines of Credit

The University maintains four lines of credit totaling \$450 million: \$25 million expiring January 2023, \$125 million expiring March 2023, \$200 million expiring May 2024 and \$100 million expiring July 2025. The lines are used to support University liquidity. The University records the short-term working capital lines of credit activity and outstanding balances as Deferred Revenue and Other Liabilities and the long-term line of credit activity in Bonds and Notes Payable in the consolidated statements of financial position. As of June 30, 2022, and 2021 the University had no outstanding balances.

10. LEASES

A. Nature of Leases

The University has entered into the following lease arrangements:

Finance Leases

These leases mainly consist of various equipment leases and, a building lease for the Breazzano Family Center for Business Education at Ithaca. The Tata Innovation Center, classified as a finance lease as of June 30, 2021, was purchased May 5, 2022. Termination of the leases generally is prohibited unless there is a violation under the lease agreement.

Operating Leases

The University has various real estate leases for office and instructional space, housing, land and storage space that expire in various years through 2069. These leases generally contain renewal options for periods ranging from two to ten years and require the University to pay all executory costs (i.e., property taxes, maintenance, and insurance). Some leases have an escalating fee schedule, which ranges up to an 8 percent increase each year. A portion of the leased space is subleased under leases expiring over the next 15 years.

Short-Term Leases

The University has certain leases for a period of 12 months or less or that contain renewals for periods of 12 months or less. The University does not include short-term leases within the consolidated statements of financial position because it has elected the practical expedient to exclude these leases from operating right-of-use asset and lease liabilities.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

B. Quantitative Disclosures

The lease cost and other required information as of June 30, are as follows:

QUANTITATIVE DISCLOSURES

	2022	2021
Lease cost		
Finance lease cost		
Amortization of right-of-use asset	\$ 3,203	\$ 2,823
Interest on lease liabilities	2,092	8,323
Operating lease cost	73,711	71,548
Short-term lease cost	1,054	721
Variable lease cost	95	80
Sublease income	(335)	(144)
Total lease cost	\$ 79,820	\$ 83,351
	2022	2021
Other information		
Cash paid for amounts included in the measurement of lease liabilities		
Operating cash flows from finance leases	\$ 2,092	\$ 8,323
Financing cash flows from finance leases	3,214	2,797
Operating cash flows from operating leases	69,874	65,039
Right-of-use assets obtained in exchange for new finance lease liabilities	1,646	3,174
Right-of-use assets obtained in exchange for new operating lease liabilities	25,704	41,092
Weighted-average remaining lease term		
Finance leases	24.0 years	27.7 years
Operating leases	13.4 years	14.7 years
Weighted-average discount rate		
Finance leases	3.6%	6.8%
Operating leases	3.3%	3.4%

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

C. Future Minimum Lease Payments

Future minimum lease payments and reconciliation to the consolidated statements of financial position on June 30, 2022, are as follows:

ANNUAL MINIMUM LEASE PAYMENTS

	Finance	Operating
2023	\$ 4,728	\$ 63,841
2024	4,599	54,044
2025	4,089	49,833
2026	3,390	46,325
2027	3,090	45,177
Thereafter	66,311	279,973
Total minimum lease payments	\$ 86,207	\$ 539,193
Less: Amount representing interest	(30,038)	(110,465)
Present value of net minimum lease payments	\$ 56,169	\$ 428,728

11. FUNCTIONAL EXPENSES AND STUDENT AID

Total expenses by functional categories for the fiscal years ended June 30 are as follows:

FUNCTIONAL EXPENSES

	Instruction, student services and academic support	Research	Public service	Healthcare services	Institutional support	Enterprises and subsidiaries	2022 Total
Compensation and benefits	\$ 1,135,754	\$ 409,017	\$ 92,108	\$ 1,113,300	\$ 443,977	\$ 117,806	\$ 3,311,962
Other operating expenses	396,324	236,593	39,121	277,275	110,632	121,484	1,181,429
Maintenance and facilities costs	24,677	14,847	8,494	48,539	28,651	30,794	156,002
Interest expense	16,661	3,958	199	573	7,168	5,737	34,296
Depreciation expense	149,210	56,994	5,643	14,759	23,571	53,257	303,434
Total operating expenses	\$ 1,722,626	\$ 721,409	\$ 145,565	\$ 1,454,446	\$ 613,999	\$ 329,078	\$ 4,987,123
Net periodic benefit cost	(8,292)	(1,484)	(163)	(4,605)	(2,860)	(868)	(18,272)
Non-operating foundation distributions	-	-	-	-	-	9,382	9,382
Non-capitalized plant expenses	4,259	1,268	422	-	862	1,527	8,338
Total	\$ 1,718,593	\$ 721,193	\$ 145,824	\$ 1,449,841	\$ 612,001	\$ 339,119	\$ 4,986,571

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

FUNCTIONAL EXPENSES

	Instruction, student services and academic support	Research	Public service	Healthcare services	Institutional support	Enterprises and subsidiaries	2021 Total
Compensation and benefits	\$ 1,040,175	\$ 385,432	\$ 89,538	\$ 1,065,999	\$ 378,041	\$ 101,458	\$ 3,060,643
Other operating expenses	300,190	215,034	37,854	221,382	78,876	107,812	961,148
Maintenance and facilities costs	20,734	18,003	7,272	45,588	28,537	25,895	146,029
Interest expense	13,770	4,357	175	14	8,446	4,178	30,940
Depreciation expense	134,501	52,709	5,577	45,801	26,717	40,076	305,381
Total operating expenses	\$ 1,509,370	\$ 675,535	\$ 140,416	\$ 1,378,784	\$ 520,617	\$ 279,419	\$ 4,504,141
Net periodic benefit cost	(1,210)	(136)	(15)	(2,589)	(560)	(120)	(4,630)
Non-operating foundation distributions	-	-	-	-	-	22,568	22,568
Non-capitalized plant expenses	3,846	999	264	-	919	1,542	7,570
Total	\$ 1,512,006	\$ 676,398	\$ 140,665	\$ 1,376,195	\$ 520,976	\$ 303,409	\$ 4,529,649

The expenses for operations and maintenance of facilities, depreciation, and interest related to capital projects are allocated to functional categories based on square footage. The amounts allocated for operations and maintenance were approximately \$195,676 and \$195,379 for the fiscal years ended June 30, 2022, and 2021, respectively.

Student financial assistance is shown as a component of instruction expense unless the assistance is for tuition and mandatory fees. If the assistance is for tuition and mandatory fees, the amounts are recorded as scholarship allowance, which reduces tuition revenue. Total financial assistance amounts classified as instruction expense were \$70,717 and \$51,124 for the fiscal years ended June 30, 2022, and 2021, respectively.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

12. NET ASSETS

A. General Information

The University's net assets as of June 30 are as follows:

SUMMARY OF NET ASSETS

	Without donor restrictions	With donor restrictions	2022 Total
Endowment			
True endowment	\$ -	\$ 6,999,589	\$ 6,999,589
Funds functioning as endowment (FFE)	1,669,735	459,195	2,128,930
Total true endowment and FFE	\$ 1,669,735	\$ 7,458,784	\$ 9,128,519
Funds held by others, perpetual	-	217,711	217,711
Total University endowment	\$ 1,669,735	\$ 7,676,495	\$ 9,346,230
Other net assets			
Operations	\$ 480,702	\$ 656,066	\$ 1,136,768
Student loans	10,541	56,230	66,771
Facilities and equipment	2,538,405	237,540	2,775,945
Annuity and other split-interest agreements	-	174,881	174,881
Contributions receivable, net	-	803,204	803,204
Long-term accruals	(589,447)	-	(589,447)
Total net assets	\$ 4,109,936	\$ 9,604,416	\$ 13,714,352

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

SUMMARY OF NET ASSETS

	Without donor restrictions	With donor restrictions	2021 Total
Endowment			
True endowment	\$ -	\$ 7,038,797	\$ 7,038,797
Funds functioning as endowment (FFE)	1,726,967	476,052	2,203,019
Total true endowment and FFE	\$ 1,726,967	\$ 7,514,849	\$ 9,241,816
Funds held by others, perpetual	-	244,071	244,071
Total University endowment	\$ 1,726,967	\$ 7,758,920	\$ 9,485,887
Other net assets			
Operations	\$ 330,772	\$ 592,974	\$ 923,746
Student loans	10,253	60,191	70,444
Facilities and equipment	2,582,263	207,156	2,789,419
Annuity and other split-interest agreements	-	219,362	219,362
Contributions receivable, net	-	778,171	778,171
Long-term accruals	(817,154)	-	(817,154)
Total net assets	\$ 3,833,101	\$ 9,616,774	\$ 13,449,875

Net asset balances for operations (without donor restrictions) are affected primarily by operating activities and strategic decisions to invest expendable balances in funds functioning as endowment and capital projects. Long-term accruals represent longer-term liabilities including the unfunded amounts of pension and postretirement benefits, vacation accruals, conditional asset retirement obligations for asbestos remediation, and fair-value adjustment of interest-rate swaps.

The balance of net assets permanently restricted for the fiscal year ended June 30, 2022, is \$4,731,164 and included in with donor restrictions.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

B. Endowment

The University endowment net assets on June 30 were held in support of the following purposes:

SUMMARY OF ENDOWMENT PURPOSE

	2022	2021
Academic programs and research	\$ 2,662,782	\$ 2,688,223
Financial aid	2,549,896	2,536,318
General purpose and facilities support	1,882,713	1,934,418
Professorships	1,866,722	1,902,289
CU Foundation	166,406	180,568
Total true endowment and FFE, end of year	\$ 9,128,519	\$ 9,241,816

Of the endowment assets held at the University, 98 percent were invested in the LTIP at June 30, 2022, and 2021. The LTIP is a mutual-fund-like vehicle used for investing the University's true endowments, funds functioning as endowment, and other funds that are not expected to be expended for at least five years. The University employs a unit method of accounting for the LTIP. Each participating fund enters into and withdraws from the pooled investment account based on monthly unit fair values. Participation in the LTIP using unrestricted funds requires a minimum investment of one hundred thousand dollars and a commitment of at least five years.

On June 30, 2022, 239 of 7,944 true endowment funds invested in the LTIP had a total historic dollar value of \$167,166 and a fair value of \$158,004, resulting in these endowments being underwater by a total of \$9,162. On June 30, 2021, zero of 7,702 true endowment funds invested in the LTIP were underwater.

Changes in the endowment net assets, exclusive of funds held in trust by others, for the fiscal years ended June 30 are presented below:

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

SUMMARY OF ENDOWMENT ACTIVITY

	Without donor restrictions	With donor restrictions	2022 Total
True endowment and FFE, beginning of year	\$1,726,967	\$7,514,849	\$ 9,241,816
Investment return			
Net investment income	6,052	27,130	33,182
Net realized and unrealized gain/(loss)	(21,085)	(107,459)	(128,544)
Total investment return	\$ (15,033)	\$ (80,329)	\$ (95,362)
 New gifts	 1,586	 264,072	 265,658
Amounts appropriated for expenditure/reinvestment	(58,628)	(269,225)	(327,853)
Other changes and reclassifications	14,843	29,417	44,260
Total true endowment and FFE, end of year	\$1,669,735	\$7,458,784	\$ 9,128,519

SUMMARY OF ENDOWMENT ACTIVITY

	Without donor restrictions	With donor restrictions	2021 Total
True endowment and FFE, beginning of year	\$1,297,912	\$5,380,615	\$ 6,678,527
Investment return			
Net investment income	5,762	25,220	30,982
Net realized and unrealized gain/(loss)	485,797	2,188,093	2,673,890
Total investment return	\$ 491,559	\$2,213,313	\$ 2,704,872
 New gifts	 2,052	 222,235	 224,287
Amounts appropriated for expenditure/reinvestment	(62,426)	(275,956)	(338,382)
Other changes and reclassifications	(2,130)	(25,358)	(27,488)
Total true endowment and FFE, end of year	\$1,726,967	\$7,514,849	\$ 9,241,816

13. SELF-INSURANCE

The University retains self-insurance for property, general liability, student health insurance, and certain health benefits. In addition, the University has an equity interest in a multi-provider captive insurance company for medical malpractice.

A. Medical Malpractice

The University obtains medical malpractice insurance through MCIC Vermont (“MCIC”). MCIC is a reciprocal risk retention group that provides medical malpractice insurance coverage and risk management services to its subscribers.

MCIC is owned by the University, New York-Presbyterian Hospital, and four other higher education institutions and their respective teaching hospitals. All of WCM’s faculty physicians are enrolled in MCIC. The medical malpractice incurred but not reported liability is calculated annually on an actuarial basis.

WCM has recorded medical malpractice liabilities of \$172,640 and \$164,346 on June 30, 2022, and 2021, respectively, as deferred revenue and other liabilities in the consolidated statements of financial position. In addition, WCM maintains a reinsurance program with MCIC with anticipated recoveries of \$119,777 and \$110,185, respectively, recorded as accounts receivable (Note 3A).

B. Student Health Plan

The University has established a self-funded student health plan under Section 1124 of the New York State Insurance Law (“NYSIL”). The Student Health Plan (“SHP”) provides health insurance coverage to students at the University’s Ithaca-based campuses. As of July 1, 2020, with the approval of New York State Department of Financial Services (“NYS DFS”), SHP coverage was expanded to include the students at Weill Cornell Medical. Payment to the health center changed from a capitated amount per member to fee-for-service for claims adjudicated by Aetna Student Health as of August 1, 2021. This amount is included in the medical expenses for the SHP Plan year 2021-22. The table below summarizes of SHP operations occurring during the University’s fiscal years ended June 30.

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

SUMMARY OF STUDENT HEALTH PLAN OPERATIONS

	2022			2021		
	July 1 - July 31 (prior plan year)	August 1 - June 30 (current plan year)	2022 Fiscal year total	July 1 - July 31 (prior plan year)	August 1 - June 30 (current plan year)	2021 Fiscal year total
Total revenue	\$ 3,588	\$ 50,695	\$ 54,283	\$ 3,900	\$ 41,416	\$ 45,316
Expenses						
Medical and prescription drug expense	3,392	40,277	43,669	3,677	31,105	34,782
Health center capitation	198	-	198	649	4,744	5,393
Administrative fees	951	5,248	6,199	437	3,210	3,647
Total expenses	\$ 4,541	\$ 45,525	\$ 50,066	\$ 4,763	\$ 39,059	\$ 43,822
Net income from health plan operations	\$ (953)	\$ 5,170	\$ 4,217	\$ (863)	\$ 2,357	\$ 1,494

The University has established reserves with the amounts necessary to satisfy obligations of the plan. Based on an analysis and recommendation of a qualified actuary, and with the approval of NYS DFS, the reserve for IBNR medical claims and claims reported-but-not-paid (“RBNP”) is maintained at an amount not less than 14.5 percent of expected medical claims and 5 percent of expected pharmacy drug claims. In addition, a separate contingency reserve has been established to satisfy unexpected obligations in the event of termination of the plan. The contingency reserve is maintained at an amount not less than 5 percent of the total current plan year premiums. NYS requires that the assets of the contingency reserve consist of certain investments of the types specified in Section 1404 of NYSIL. Prior to April 2022, the contingent reserve funds were invested in the University’s long-term investment pool (LTIP). The contingent reserve funds were withdrawn from the LTIP and the cash value of \$3,627 was deposited in a cash and cash equivalents account in April 2022. The cash value of the contingent reserve funds as of June 30, 2022 was \$3,631. Premium revenue is billed in advance of the plan year (unearned) and recognized as revenue monthly as coverage is provided. For the fiscal year 2021, SHP changed from annual premium billing to semester billing. With semester billing, only six months’ premium was billed in advance rather than the full annual premium. The changes in the unearned premiums and SHP reserves during the fiscal years ended June 30 are presented below.

SUMMARY OF STUDENT HEALTH PLAN UNEARNED PREMIUMS

	2022		2021	
	Unearned premiums 2020-2021 plan year	Unearned premiums 2021-2022 plan year	Unearned premiums 2019-2020 plan year	Unearned premiums 2020-2021 plan year
Balance as of July 1	\$ 2,458	\$ -	\$ 3,299	\$ -
Balance as of June 30	-	-	-	2,458
Net change	\$ (2,458)	\$ -	\$ (3,299)	\$ 2,458

Cornell University

Notes to Consolidated Financial Statements (dollars in thousands)

June 30, 2022 and 2021

SUMMARY OF STUDENT HEALTH PLAN RESERVES

	IBNR/RBNP reserve		Contingency reserve	
	2022	2021	2022	2021
Balance as of July 1	\$ 3,531	\$ 3,268	\$ 3,214	\$ 2,183
Balance as of June 30	4,260	3,531	3,631	3,214
Net change	\$ 729	\$ 263	\$ 417	\$ 1,031

14. CONTINGENT LIABILITIES

The University is a defendant in various legal actions, some for substantial monetary amounts that arise out of the normal course of its operations. Although the final outcome of the actions cannot be foreseen, the University's administration is of the opinion that eventual liability, if any, will not have a material effect on the University's financial position.

15. SUBSEQUENT EVENTS

Based on the University's evaluation of subsequent events through October 17, 2022, the date on which the consolidated financial statements were issued, there were no other events with material impact on the University's consolidated financial statements.

16. DEPARTMENT OF EDUCATION FISCAL RESPONSIBILITY STANDARDS

As disclosed in the accompanying schedule, the Department of Education finalized new borrower defense rules that require the inclusion of a supplemental schedule to the audited financial statements that contains all financial elements needed to calculate the composite score ratios with a cross-reference to the financial statement line, or notes disclosure, that contains the element. The required financial elements as of June 30, 2022 not already included in a previous footnote are outlined in the table below.

FINANCIAL ELEMENT	2022
Unsecured related party receivable	\$ 68,360
Land, buildings and equipment pre-implementation, including finance leases	2,873,241
Land, buildings and equipment post-implementation with outstanding debt for original purchase	153,551
Land, buildings and equipment post-implementation without outstanding debt for original purchase	1,218,121
Construction in progress	199,766
Long-term debt for long term purposes	1,025,633
Long-term debt for long term purposes pre-implementation	872,081
Long-term debt for long term purposes post-implementation	153,551
Line of credit for construction in progress	-

Financial Responsibility Supplemental Schedule
June 30, 2022

Cornell University

Financial Responsibility Supplemental Schedule

June 30, 2022

Cornell University Financial Responsibility Supplemental Schedule June 30, 2022			
<i>(in thousands of dollars)</i>			
Reference	Financial Element	Components	Amount
	Primary Reserve Ratio:		Totals
Expendable Net Assets:			
Consolidated Statement of Financial Position - Net assets without donor restrictions	Net assets without donor restrictions		\$ 4,109,936
Consolidated Statement of Financial Position - Net assets with donor restrictions	Net assets with donor restrictions		9,604,416
Footnote 16 - Department of Education Fiscal Responsibility Standards	Unsecured related party receivable		68,360
Consolidated Statement of Financial Position - Land, Buildings, and Equipment, net, Right-of-Use Assets, Finance Leases, net	Property, plant and equipment, net (includes construction in progress and capital leases)		4,444,679
Footnote 16 - Department of Education Fiscal Responsibility Standards	Property, plant and equipment pre-implementation, including capital leases	2,873,241	
Footnote 16 - Department of Education Fiscal Responsibility Standards	Property, plant and equipment post-implementation with outstanding debt for original purchase	153,551	
Footnote 16 - Department of Education Fiscal Responsibility Standards	Property, plant and equipment post-implementation without outstanding debt for original purchase	1,218,121	
Footnote 16 - Department of Education Fiscal Responsibility Standards	Construction in progress	199,766	
Consolidated Statement of Financial Position	Right-of-use assets, operating leases, net post-implementation		413,551
Footnote 7 - Post-Employment Benefits, Pension and Other Post-Retirement Benefits	Post-employment and pension liabilities		357,094
Footnote 16 - Department of Education Fiscal Responsibility Standards	Long-term debt - for long term purposes		1,025,632
Footnote 16 - Department of Education Fiscal Responsibility Standards	Long-term debt - for long term purposes pre-implementation	872,081	
Footnote 16 - Department of Education Fiscal Responsibility Standards	Long-term debt - for long term purposes post-implementation	153,551	
Footnote 16 - Department of Education Fiscal Responsibility Standards	Line of Credit for Construction in progress	0	
Consolidated Statement of Financial Position	Operating lease liability post-implementation		428,728
Footnote 12 - Annuity and Other Split-Interest Agreements	Annuities with donor restrictions		174,881
Footnote 12 - Net Assets Permanently Restricted	Net assets with donor restrictions: restricted in perpetuity		4,731,164
	Total Expendable Net Assets:		\$ 5,693,171
Total Expenses and Losses:			
Statement of Activities - Total Operating Expenses Without Donor Restrictions	Total expenses without donor restrictions		4,987,123
Statement of Activities Non-Operating (Other, Net assets released for capital acquisitions and reclassifications)	Non-Operating and Net Investment (loss)		27,625
Statement of Activities - Operating Investment Return, Distributed, Non-Operating Investment Return, Net of Amount Distributed	Net investment losses		2,262
	Total Expenses and Losses:		\$ 5,012,486
Modified Net Assets:	Equity Ratio:		
Consolidated Statement of Financial Position - Net Assets without Donor Restrictions	Net assets without donor restrictions		4,109,936
Consolidated Statement of Financial Position - Net Assets with Donor Restriction	Net assets with donor restrictions		9,604,416
N/A	Intangible assets		-
Footnote 16 - Department of Education Fiscal Responsibility Standards	Less: Unsecured related party receivables		68,360
	Total Modified Net Assets:		\$ 13,645,992
Modified Assets:			
Consolidated Statement of Financial Position - Total assets	Total assets		17,961,299
N/A	Intangible assets		-
Footnote 16 - Department of Education Fiscal Responsibility Standards	Less: Unsecured related party receivables		68,360
	Total Net Assets:		\$ 17,892,939
Change in Net Assets Without Donor Restrictions:	Net Income Ratio:		
Consolidated Statement of Activities - Change in Net Assets Without Donor Restrictions	Change in Net Assets Without Donor Restrictions		276,835
	Total Change in Net Assets Without Donor Restrictions:		\$ 276,835
Total Revenues and Gains Without Donor Restrictions:			
Consolidated Statement of Activities - Total Operating Revenue and Other Support Without Donor Restrictions, State Appropriations for Capital Acquisitions, Investment Return, Net of Amount Distributed, Gain in Value of Split Interest Agreements, Net Assets Released for Capital Acquisitions and Reclassifications	Total operating revenue and other gains without donor restrictions		5,291,583
	Total Revenues and Gains Without Donor Restrictions:		\$ 5,291,583

The accompanying note is an integral part of the Financial Responsibility Supplemental Schedule.

Cornell University

Note to Financial Responsibility Supplemental Schedule

June 30, 2022

1. Basis of Presentation

The financial responsibility supplemental schedule (the “Schedule”) of Cornell University (the “University”) provides financial information required by the Department of Education to calculate the primary reserve ratio, equity ratio, net income ratio and the composite score as defined in Subpart L of 34 CFR 668 for the fiscal year-ended June 30, 2022. The financial information in the Schedule has been prepared in accordance with accounting principles generally accepted in the United States of America consistent with the consolidated financial statements. The Schedule is presented for purposes of additional analysis as required by the Department of Education and is not a required part of the financial statements.

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2022

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Student Financial Assistance Cluster									
Department of Education									
<i>Office Of Federal Student Aid</i>									
Federal Supplemental Educational Opportunity Grants	84.007		\$ 2,919,014	\$ -				\$ 2,919,014	\$ -
Federal Work-Study Program	84.033		2,299,450	-				2,299,450	-
Federal Work-Study Program, Administrative Cost Allowance	84.033		320,831	-				320,831	-
Federal Perkins Loan Program-Outstanding Loans as of July 1, 2021	84.038		15,094,823	-				15,094,823	-
Federal Pell Grant Program	84.063		14,316,504	-				14,316,504	-
Federal Pell Grant Program-Administrative Allowance	84.063		14,405	-				14,405	-
Federal Direct Student Loans-PLUS	84.268		61,238,444	-				61,238,444	-
Federal Direct Student Loans-Subsidized	84.268		10,241,486	-				10,241,486	-
Federal Direct Student Loans-Unsubsidized	84.268		50,679,195	-				50,679,195	-
<i>Office Of Federal Student Aid Subtotal</i>			157,124,152	-				157,124,152	-
Department of Education Total			157,124,152	-				157,124,152	-
Department of Health and Human Services									
<i>Health Resources And Services Administration</i>									
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students	93.342		767,812	-				767,812	-
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students-Outstanding Loans as of July 1, 2021	93.342		3,461,748	-				3,461,748	-
<i>Health Resources And Services Administration Subtotal</i>			4,229,560	-				4,229,560	-
Department of Health and Human Services Total			4,229,560	-				4,229,560	-
Student Financial Assistance Cluster Total			161,353,712	-				161,353,712	-
Research and Development Cluster									
<i>Department Of Agriculture</i>									
Department of Agriculture, Other	10.RD	143365	-	2,866	New York State Department of Agriculture and Markets	-		2,866	-
<i>Agricultural Marketing Service</i>									
Federal-State Marketing Improvement Program	10.156		12,370	-				12,370	-
Inspection Grading and Standardization	10.162		313,482	-				313,482	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	67,217	California State University, Fresno	AM190100XXXXG008		67,217	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	(25)	Center For Produce Safety	USDA-AMS-TM-SCBGP-G-19-0003	(25)	-	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	70,040	Center For Produce Safety	USDA-AMS-TM-SCBGP-G-21-0003		70,040	2,406
Specialty Crop Block Grant Program - Farm Bill	10.170		-	14,485	Colorado State University	20-SCMOA-KY-0001 / 32000...		14,485	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	(20)	New York Farm Viability Institute Inc	AM180100XXXXG036	(20)	-	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	126,371	New York Farm Viability Institute Inc	AM190100XXXXG043		126,371	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	245,489	New York Farm Viability Institute Inc	ISCBGPNY0023		245,489	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	20,928	New York Farm Viability Institute Inc	21-SCBPNY-1044-00		20,928	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	56,116	New York State Department of Agriculture and Markets	16-SCBGP-NY-0030		56,116	8,478
Specialty Crop Block Grant Program - Farm Bill	10.170		-	43,011	New York State Department of Agriculture and Markets	AM200100XXXXG027		43,011	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	5,680	Pennsylvania State University	44187029		5,680	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	39,373	University of Rhode Island	AM190200XXXXG001		39,373	-
Specialty Crop Block Grant Program - Farm Bill	10.170		-	4,968	Washington State University	K2863		4,968	-
Acer Access Development Program	10.174		33,277	-				33,277	-
Farmers Market and Local Food Promotion Program	10.175		144,648	-				144,648	-
Farmers Market and Local Food Promotion Program	10.175		-	4,164	North Carolina State University	21FMPPNC1068		4,164	-
Farmers Market and Local Food Promotion Program	10.175		-	25,310	Practical Farmers of Iowa	AM200100XXXXG188		25,310	-
<i>Agricultural Marketing Service Subtotal</i>			503,777	723,107				1,226,884	10,884

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Agricultural Research Service</i>									
Agricultural Research Basic and Applied Research	10.001		6,880,600	-				6,880,600	-
Agricultural Research Basic and Applied Research	10.001		-	28,905	Arkansas Children's Research Institute	58-6026-7-001		28,905	-
Agricultural Research Basic and Applied Research	10.001		-	5,731	CRDF Global	DAA9-19-65345-1		5,731	-
Agricultural Research Basic and Applied Research	10.001		-	19,992	Oregon State University	58-2072-0-026		19,992	-
<i>Agricultural Research Service Subtotal</i>			6,880,600	54,628				6,935,228	-
<i>Animal And Plant Health Inspection Service</i>									
Plant and Animal Disease, Pest Control, and Animal Care	10.025		880,158	-				880,158	93,663
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	148,678	Boyce Thompson Institute for Plant Research Inc	AP19PPQS-T00C079		148,678	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	(1,160,534)	New York State Department of Agriculture and Markets	16-8236-0245-CA		(1,160,534)	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	45,519	New York State Department of Agriculture and Markets	AM200100XXXXG027		45,519	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	6,000	New York State Department of Agriculture and Markets	21PPQFO000C502		6,000	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	8,000	New York State Department of Agriculture and Markets	AP21PPQFO000C476		8,000	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	13,500	New York State Department of Agriculture and Markets	AP21PPQFO000C466		13,500	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	15,997	New York State Department of Agriculture and Markets	AP21PPQFO000C484		15,997	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	37,935	New York State Department of Agriculture and Markets	AP20PPQFO000C265		37,935	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	4,054	New York State Department of Agriculture and Markets	AP21PPQFO000C465		4,054	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	25,379	New York State Department of Agriculture and Markets	AP21PPQFO000C464		25,379	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	38,111	New York State Department of Agriculture and Markets	AP21PPQFO000C495		38,111	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	65,031	New York State Department of Environmental Conservation	OSP136891		65,031	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	34,031	Rutgers The State University of New Jersey	AP21PPQS&T00C044		34,031	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	3,423	Texas A&M Veterinary Medical Diagnostic Laboratory	AP21VSD&B000C005		3,423	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	5,265	University of Georgia	AP20VSD&B000C018		5,265	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	27,801	University of Idaho	AP20PPQFO000C407		27,801	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	62,020	University of Idaho	AP21PPQFO000C397		62,020	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	4,992	Virginia Polytechnic Institute and State University	AP20PPQS&T00C117		4,992	-
<i>Animal And Plant Health Inspection Service Subtotal</i>			880,158	(614,798)				265,360	93,663
<i>Economic Research Service</i>									
Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations	10.250		81,309	-				81,309	-
Consumer Data and Nutrition Research	10.253		156,999	-				156,999	21,329
Consumer Data and Nutrition Research	10.253		-	17,253	San Diego State University Research Foundation	59-4000-0-0067		17,253	-
<i>Economic Research Service Subtotal</i>			238,308	17,253				255,561	21,329
<i>Foreign Agricultural Service</i>									
Norman E. Borlaug International Agricultural Science and Technology Fellowship	10.777		106	-				106	-
<i>Forest Service</i>									
Cooperative Forestry Assistance	10.664		28,197	-				28,197	-
Forest Health Protection	10.680		194,060	-				194,060	-
Partnership Agreements	10.699		38,343	-				38,343	-
Partnership Agreements	10.699		-	36,096	Board of Regents of the University of Wisconsin System on Behalf of the University of Wisconsin-Madison	19-CS-11052007-043		36,096	-
<i>Forest Service Subtotal</i>			260,600	36,096				296,696	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>National Institute Of Food And Agriculture</i>									
Grants for Agricultural Research, Special Research Grants	10.200		-	9,563	University of Maine	2021-34141-35448		9,563	-
Grants for Agricultural Research, Special Research Grants	10.200		-	80,760	University of Maryland College Park	2018-38500-28885		80,760	-
Grants for Agricultural Research, Special Research Grants	10.200		-	9,699	University of Maryland Eastern Shore	2020-34383-32456		9,699	-
Cooperative Forestry Research	10.202		229,574	-				229,574	-
Payments to Agricultural Experiment Stations Under the Hatch Act	10.203		6,852,975	-				6,852,975	-
Animal Health and Disease Research	10.207		67,589	-				67,589	-
Higher Education - Graduate Fellowships Grant Program	10.210		91,051	-				91,051	-
Small Business Innovation Research	10.212		-	(873)	FloraPulse Company	2018-33610-28825		(873)	-
Sustainable Agriculture Research and Education	10.215		-	10,480	Center For Transformative Action	2020-38640-31520		10,480	-
Sustainable Agriculture Research and Education	10.215		-	3,143	Colorado State University	2020-38640-31523-WS1RE		3,143	-
Sustainable Agriculture Research and Education	10.215		-	22,260	Community Involved in Sustaining Agriculture	2019-38640-29877		22,260	-
Sustainable Agriculture Research and Education	10.215		-	11,431	Pennsylvania State University	2019-38640-29877		11,431	-
Sustainable Agriculture Research and Education	10.215		-	2,879	Providence Farm Collective	2019-38640-29877		2,879	-
Sustainable Agriculture Research and Education	10.215		-	15,000	Tufts University	2018-38640-28415		15,000	-
Sustainable Agriculture Research and Education	10.215		-	14,587	University of New Hampshire	2019-38640-29877		14,587	-
Sustainable Agriculture Research and Education	10.215		-	5,426	University of Vermont	2017-38640-26915		5,426	-
Sustainable Agriculture Research and Education	10.215		-	259,645	University of Vermont	2018-38640-28415		259,645	112,714
Sustainable Agriculture Research and Education	10.215		-	81,015	University of Vermont	2019-38640-29877		81,015	-
Sustainable Agriculture Research and Education	10.215		-	36,392	University of Vermont	2020-38640-31520		36,392	-
Sustainable Agriculture Research and Education	10.215		-	39,337	University of Vermont	2021-38640-34668		39,337	-
Higher Education - Institution Challenge Grants Program	10.217		57,655	-				57,655	-
Biotechnology Risk Assessment Research	10.219		9,245	-				9,245	-
Integrated Programs	10.303		204,337	-				204,337	30,989
Integrated Programs	10.303		-	38,589	West Virginia University Research Corporation	2018-51106-28777		38,589	-
Homeland Security Agricultural	10.304		419,312	-				419,312	123,427
Homeland Security Agricultural	10.304		-	21,207	Michigan State University	2016-37620-25765		21,207	-
Homeland Security Agricultural	10.304		-	41,807	Michigan State University	2021-37621-35788		41,807	-
Organic Agriculture Research and Extension Initiative	10.307		2,048,785	-				2,048,785	919,348
Organic Agriculture Research and Extension Initiative	10.307		-	183,100	Iowa State University of Science and Technology	2019-51300-30248		183,100	-
Organic Agriculture Research and Extension Initiative	10.307		-	(14)	Oregon State University	2017-51300-26809		(14)	-
Organic Agriculture Research and Extension Initiative	10.307		-	52,697	Oregon State University	2018-51300-28430		52,697	-
Organic Agriculture Research and Extension Initiative	10.307		-	126,488	Oregon State University	2020-51300-32179		126,488	-
Organic Agriculture Research and Extension Initiative	10.307		-	129,620	Oregon State University	2021-51300-34911		129,620	-
Organic Agriculture Research and Extension Initiative	10.307		-	47,210	The Ohio State University	2019-51300-30255		47,210	-
Specialty Crop Research Initiative	10.309		3,943,178	-				3,943,178	1,538,789
Board of Regents of the University of Wisconsin System on Behalf of the									
Specialty Crop Research Initiative	10.309		-	19,900	University of Wisconsin-Madison	2019-51181-30021		19,900	-
Specialty Crop Research Initiative	10.309		-	148,304	Michigan State University	2020-51181-32139		148,304	-
Specialty Crop Research Initiative	10.309		-	186,722	Michigan State University	2020-51181-32158		186,722	-
Specialty Crop Research Initiative	10.309		-	84,695	North Carolina State University	2016-51181-25409		84,695	-
Specialty Crop Research Initiative	10.309		-	6,612	North Carolina State University	2021-51181-35857		6,612	-
Specialty Crop Research Initiative	10.309		-	278,114	Pennsylvania State University	2019-51181-30014		278,114	9,566
Specialty Crop Research Initiative	10.309		-	33,480	Pennsylvania State University	2019-51181-30019		33,480	-
Specialty Crop Research Initiative	10.309		-	25,024	Rutgers The State University of New Jersey	2018-51181-28383		25,024	-
The Regents of the University of California on behalf of its Riverside									
Specialty Crop Research Initiative	10.309		-	157,748	Campus	2017-70016-26053		157,748	-
Specialty Crop Research Initiative	10.309		-	282,460	University of Georgia	2018-51181-28365		282,460	-
Specialty Crop Research Initiative	10.309		-	174,482	University of Georgia	2020-51181-32062		174,482	-
Specialty Crop Research Initiative	10.309		-	196,265	University of Georgia	2020-51181-32140		196,265	-
Specialty Crop Research Initiative	10.309		-	44,442	University of Idaho	2020-51181-32136		44,442	-
Specialty Crop Research Initiative	10.309		-	17,504	Virginia Polytechnic Institute and State University	2020-51181-32135		17,504	-
Specialty Crop Research Initiative	10.309		-	48,762	Washington State University	2018-51181-28435		48,762	-
Specialty Crop Research Initiative	10.309		-	73,439	Washington State University	2019-51181-30013		73,439	-
Specialty Crop Research Initiative	10.309		-	111,475	Washington State University	2020-51181-32159		111,475	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Agriculture and Food Research Initiative (AFRI)	10.310		11,083,987	-				11,083,987	959,547
Agriculture and Food Research Initiative (AFRI)	10.310		-	31,350	Board of Regents University of Nebraska Lincoln	2020-67013-31876		31,350	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	19,734	Carnegie Mellon University	2021-67021-35974		19,734	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	494,486	Colorado State University	2015-68001-23240		494,486	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	3,254	Kansas State University	2021-67023-33816		3,254	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	75,974	North Carolina State University	2019-68012-29818		75,974	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	1,098	North Carolina State University	2019-68008-29898		1,098	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	17,825	Pennsylvania State University	2018-67023-27646		17,825	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	52,216	Pennsylvania State University	2019-67009-29006		52,216	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	47,348	Pennsylvania State University	2019-67019-29461		47,348	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	272	Pennsylvania State University	2019-67017-29591		272	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	6,017	Regents of the University of Minnesota	2018-67015-28298		6,017	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	46,982	Rochester Institute of Technology	2021-67021-34199		46,982	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	(4,094)	Texas A&M University	2018-67013-28513		(4,094)	-
Agriculture and Food Research Initiative (AFRI)	10.310		-		The Regents of the University of California on behalf of its Davis Campus	2017-67007-25939		77,556	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	110,978	The Regents of the University of California on behalf of its Davis Campus	2020-67021-32855		110,978	-
Agriculture and Food Research Initiative (AFRI)	10.310		-		The Regents of the University of California on behalf of its Davis Campus				
Agriculture and Food Research Initiative (AFRI)	10.310		-	26,836	Campus	2022-68013-36439		26,836	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	698,940	University of Arkansas	2019-67021-29945		698,940	75,511
Agriculture and Food Research Initiative (AFRI)	10.310		-	14,705	University of Delaware	2018-67019-27796		14,705	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	(23,707)	University of Florida	2019-67015-29836		(23,707)	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	(10)	University of Idaho	2015-69004-23634		(10)	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	23,799	University of Maine	2020-68008-31462		23,799	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	(38)	University of Maryland College Park	2018-67032-27697		(38)	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	86,424	University of Maryland College Park	2018-68003-27467		86,424	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	55,353	University of Maryland College Park	2020-68006-31182		55,353	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	1,558	University of New Hampshire	2021-67016-34573		1,558	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	22,217	University of Vermont	2019-69008-29895		22,217	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	15,123	Virginia Polytechnic Institute and State University	2020-68006-31682		15,123	-
Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)	10.326		-	1,473	Tennessee Technological University	2018-70001-27839		1,473	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		272,691	-				272,691	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	8,410	University of Vermont	2018-70020-28878		8,410	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	11,071	University of Vermont	2021-70020-35497		11,071	-
Crop Protection and Pest Management Competitive Grants Program	10.329		1,321,808	-				1,321,808	139,766
Crop Protection and Pest Management Competitive Grants Program	10.329		-	25,098	Pennsylvania State University	2018-70006-28920		25,098	-
Crop Protection and Pest Management Competitive Grants Program	10.329		-	143	University of Maine	2021-70006-35312		143	-
Crop Protection and Pest Management Competitive Grants Program	10.329		-	3,911	University of Vermont	2016-70006-25830		3,911	-
Alfalfa and Forage Research Program	10.330		85,053	-				85,053	15,091
Alfalfa and Forage Research Program	10.330		-		Board of Regents of the University of Wisconsin System on Behalf of the University of Wisconsin-Madison	2021-70005-35694		13,961	-
Alfalfa and Forage Research Program	10.330		-	34,351	The Regents of the University of California on behalf of its Davis Campus	2019-70005-30361		34,351	-
Cooperative Extension Service	10.500		24,818	-				24,818	-
Cooperative Extension Service	10.500		-	7,119	University of Delaware	2018-70027-28588		7,119	-
Cooperative Extension Service	10.500		-	10,146	University of Delaware	2021-70027-34693		10,146	-
<i>National Institute Of Food And Agriculture Subtotal</i>			<u>26,712,058</u>	<u>5,148,755</u>				<u>31,860,813</u>	<u>3,924,748</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Natural Resources Conservation Service</i>									
Soil and Water Conservation	10.902		4,963	-				4,963	-
Soil and Water Conservation	10.902			35,503	Auburn University	NR21748200002C001		35,503	-
Environmental Quality Incentives Program	10.912		(13,097)	-				(13,097)	4,097
<i>Natural Resources Conservation Service Subtotal</i>			<u>(8,134)</u>	<u>35,503</u>				<u>27,369</u>	<u>4,097</u>
<i>Rural Business Cooperative Service</i>									
Value-Added Producer Grants	10.352		-	4,422	Norwich Meadows Farm LLC	-		4,422	-
<i>Usda</i>									
Agricultural Market and Economic Research	10.290		28,225	-				28,225	-
Department of Agriculture Total			<u>35,495,698</u>	<u>5,407,832</u>				<u>40,903,530</u>	<u>4,054,721</u>
Department of Commerce									
<i>National Oceanic And Atmospheric Administration</i>									
Integrated Ocean Observing System (IOOS)	11.012		-	3,098	University of Delaware	NA21NOS0120096		3,098	-
Sea Grant Support	11.417		4,601	-				4,601	-
Sea Grant Support	11.417		-	11,246	North Carolina State University	NA18OAR4170069		11,246	-
Sea Grant Support	11.417		-	8,879	Regents of the University of Minnesota	NA19OAR4170388		8,879	-
Sea Grant Support	11.417		-	119,254	State University of New York Stony Brook	NA18OAR4170096		119,254	24,342
Sea Grant Support	11.417		-	25,475	State University of New York Stony Brook	NA21OAR4170246		25,475	-
					The Research Foundation for the State University of New York Stony Brook				
Sea Grant Support	11.417		-	103,097	Brook	NA18OAR4170096		103,097	-
					The Research Foundation for the State University of New York Stony Brook				
Sea Grant Support	11.417		-	51,030	Brook	NA18OAR4170096		51,030	-
					The Research Foundation for the State University of New York Stony Brook				
Sea Grant Support	11.417		-	89,648	Brook	NA18OAR417096		89,648	34,120
Sea Grant Support	11.417		-	1,407	University of New Hampshire	NA18OAR4170349		1,407	-
Climate and Atmospheric Research	11.431		3,439	-				3,439	-
Climate and Atmospheric Research	11.431		-	(5,571)	Rand Corporation	NA16OAR4310179		(5,571)	-
Climate and Atmospheric Research	11.431		-	9,093	Rand Corporation	NA21OAR4310310		9,093	-
Climate and Atmospheric Research	11.431		-	39,115	Syracuse University	NA19OAR4310313		39,115	-
Climate and Atmospheric Research	11.431		-	30,054	The Trustees of Columbia University in the City of New York	NA15OAR4310147		30,054	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		-	(19,152)	Rutgers The State University of New Jersey	19-0802		(19,152)	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		-	107,668	University of Miami	NA20OAR4320472		107,668	-
National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		-	25,001	University of Michigan	NA17OAR4320152		25,001	-
Regional Fishery Management Councils	11.441		-	46,822	Mid-Atlantic Fisheries Devlpmt	NA15NMF4410006		46,822	-
Department of Commerce Total			<u>8,040</u>	<u>646,164</u>				<u>654,204</u>	<u>58,462</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Department of Defense									
<i>Department Of Defense</i>									
Department of Defense, Other	12.RD	FA8702-15-D-0001	-	3,452	Lincoln Laboratory	FA8702-15-D-0001		3,452	-
Department of Defense, Other	12.RD	2018-681	-	(1,052)	Renerva LLC	2018-681		(1,052)	-
Department of Defense, Other	12.RD	H98230-18-D-006	-	82,162	International Computer Science Institute	H98230-18-D-006		82,162	-
Department of Defense, Other	12.RD	HR001120C0107	-	781,628	The Board of Trustees of the Leland Stanford Junior University	HR001120C0107		781,628	-
Department of Defense, Other	12.RD	HR0011-19-C-0073	-	123,336	Galois Inc	HR0011-19-C-0073		123,336	-
Department of Defense, Other	12.RD	N3943021C2204	-	211,940	Applied Ocean Sciences LLC	N3943021C2204		211,940	-
Department of Defense, Other	12.RD	FA8650-19-F-5405	-	(334)	UES Inc	FA8650-19-F-5405		(334)	-
Department of Defense, Other	12.RD	W912HQ20C0028	-	88,462	Colorado School Of Mines	W912HQ20C0028		88,462	-
Department of Defense, Other	12.RD	FA8075-18-D-0002	-	2,496	Alion Science And Technology	FA8075-18-D-0002		2,496	-
Department of Defense, Other	12.RD	2021-20111000006	-	388,363	Accenture Federal Services LLC	2021-20111000006		388,363	-
Department of Defense, Other	12.RD	W912HQ19C0064	329,152	-				329,152	33,111
Department of Defense, Other	12.RD	W912HQ20P0026	175,329	-				175,329	45,258
Department of Defense, Other	12.RD	W912HQ18C0052	122,500	-				122,500	122,894
Department of Defense, Other	12.RD	FA8650-20-C-1957	413,622	-				413,622	-
Department of Defense, Other	12.RD	N68335-20-C-0412	-	2	Triton Systems Inc.	N68335-20-C-0412		2	-
Department of Defense, Other	12.RD	HQ003418D0005	-	84,675	University of Maryland College Park	HQ003418D0005		84,675	-
Department of Defense, Other	12.RD	N4175622C4391	-	30,327	International Personnel Protection Inc	N4175622C4391		30,327	-
Department of Defense, Other	12.RD	FA864922P0699	-	51,181	Organic Robotics Corporation	FA864922P0699		51,181	-
Department of Defense, Other	12.RD	HR0011-21-C-0191	-	87,662	Geegah LLC	HR0011-21-C-0191		87,662	-
Department of Defense, Other	12.RD	W912CG-22-C-0017	-	6,839	Geegah LLC	W912CG-22-C-0017		6,839	-
Department of Defense, Other	12.RD	W911NF-21-C-0019	-	14,979	GIRD Systems Inc	W911NF-21-C-0019		14,979	-
Department of Defense, Other	12.RD	W56KGU-22-C-0033	-	1,324	Opto-Knowledge Systems, Inc.	W56KGU-22-C-0033		1,324	-
Department of Defense, Other	12.RD	2021-21090200003	-	198,598	AZ Board of Regents on behalf of Arizona State University	2021-21090200003		198,598	-
<i>Defense Advanced Research Projects Agency (Darpa)</i>									
Research and Technology Development	12.910		1,039,892	-				1,039,892	-
Research and Technology Development	12.910		-	7,583	Boyce Thompson Institute for Plant Research Inc	HR0011-17-2-0053		7,583	-
Research and Technology Development	12.910		-	29,511	Georgia Tech Research Corporation	D19AC00009		29,511	-
Research and Technology Development	12.910		-	3,384	Icahn School of Medicine at Mount Sinai	ISMMS 203492-01		3,384	-
Research and Technology Development	12.910		-	314,583	L3Harris Technologies Inc	PO 4500253233		314,583	-
Research and Technology Development	12.910		-	283,734	Montana State University	D18AC00031		283,734	-
Research and Technology Development	12.910		-	122,057	Princeton University	FA8650-18-2-7852		122,057	-
Research and Technology Development	12.910		-	244,256	Purdue University	D18AC00024		244,256	-
Research and Technology Development	12.910		-	286,739	Raytheon BBN Technologies	4202400596		286,739	-
Research and Technology Development	12.910		-	371,307	SRI International	FA8750-19-C-0079		371,307	-
Research and Technology Development	12.910		-	128,645	SRI International	HR00110C0086		128,645	-
Research and Technology Development	12.910		-	16,389	Campus	HR00112090027		16,389	-
Research and Technology Development	12.910		-	238,187	The Trustees of Columbia University in the City of New York	HR0011-19-2-0014		238,187	-
Research and Technology Development	12.910		-	192,252	Trustees of Boston University	HR00112020021		192,252	-
Research and Technology Development	12.910		-	592,721	University of Washington	FA8650-18-2-7863		592,721	-
<i>Defense Advanced Research Projects Agency (Darpa) Subtotal</i>			1,039,892	2,831,348				3,871,240	-
<i>Defense Threat Reduction Agency (Dtra)</i>									
Scientific Research - Combating Weapons of Mass Destruction	12.351		1,411,425	-				1,411,425	265,840
Scientific Research - Combating Weapons of Mass Destruction	12.351		-	(14,947)	Northwestern University	HDTRA1-15-1-0052		(14,947)	-
<i>Defense Threat Reduction Agency (Dtra) Subtotal</i>			1,411,425	(14,947)				1,396,478	265,840

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Dept Of Defense</i>									
Basic and Applied Scientific Research	12.300		7,319,561	-				7,319,561	2,210,412
Basic and Applied Scientific Research	12.300		-	67,666	AZ Board of Regents on behalf of Arizona State University	N00014-20-1-2212		67,666	-
Basic and Applied Scientific Research	12.300		-	15,351	AZ Board of Regents on behalf of Arizona State University	N00014-21-1-2330		15,351	-
Basic and Applied Scientific Research	12.300		-	125,264	Georgia Tech Research Corporation	N00014-19-1-2266		125,264	-
Basic and Applied Scientific Research	12.300		-	8,365	Oregon State University	N00014-18-1-2808		8,365	-
Basic and Applied Scientific Research	12.300		-	48,165	San Diego State University Research Foundation	N00014-17-1-2867		48,165	-
Basic and Applied Scientific Research	12.300		-	145,273	The President and Fellows of Harvard College	N00014-20-1-2418		145,273	-
Basic and Applied Scientific Research	12.300		-	226,548	University of Central Florida	N00014-20-1-2789		226,548	-
Basic and Applied Scientific Research	12.300		-	68,838	University of Maryland College Park	N00014-22-1-2038		68,838	-
<i>Dept Of Defense Subtotal</i>			<u>7,319,561</u>	<u>705,470</u>				<u>8,025,031</u>	<u>2,210,412</u>
<i>Dept Of The Air Force</i>									
Air Force Defense Research Sciences Program	12.800		14,130,889	-				14,130,889	2,319,430
Air Force Defense Research Sciences Program	12.800		-	217,359	California Institute of Technology	FA9550-18-1-0095		217,359	-
Air Force Defense Research Sciences Program	12.800		-	123,648	Emory University	FA9550-18-1-0420		123,648	-
Air Force Defense Research Sciences Program	12.800		-	181,495	Florida International University	FA9550-19-1-0290		181,495	-
Air Force Defense Research Sciences Program	12.800		-	152,131	Lehigh University	FA9550-19-1-0419		152,131	-
Air Force Defense Research Sciences Program	12.800		-	7,483	Organic Robotics Corporation	FA864921P1385		7,483	-
Air Force Defense Research Sciences Program	12.800		-	45,067	Princeton University	FA9550-20-1-0177		45,067	-
Air Force Defense Research Sciences Program	12.800		-	176,202	SEMI-FlexTech	FT19-21-209		176,202	48,825
Air Force Defense Research Sciences Program	12.800		-	147,732	The Board of Trustees of the Leland Stanford Junior University	FA9550-21-1-0244		147,732	-
Air Force Defense Research Sciences Program	12.800		-	88,020	The President and Fellows of Harvard College	FA9550-21-1-0429		88,020	-
					The Regents of the University of California on behalf of its San Diego				
Air Force Defense Research Sciences Program	12.800		-	254,610	Campus	FA9550-20-1-0351		254,610	-
Air Force Defense Research Sciences Program	12.800		-	603,073	University of Washington	FA9550-19-1-0390		603,073	-
<i>Dept Of The Air Force Subtotal</i>			<u>14,130,889</u>	<u>1,996,820</u>				<u>16,127,709</u>	<u>2,368,255</u>
<i>Dept Of The Army</i>									
Pest Management and Vector Control Research	12.355		233,550	-				233,550	133,404
Pest Management and Vector Control Research	12.355		-	60,367	University of Florida	W911QY2010003		60,367	-
Military Medical Research and Development	12.420		11,231,556	-				11,231,556	1,541,459
Military Medical Research and Development	12.420		-	2,507	Baylor College of Medicine	W81XWH2010913		2,507	-
Military Medical Research and Development	12.420		-	43,736	Brigham and Women's Hospital	W81XWH-15-1-0269		43,736	-
Military Medical Research and Development	12.420		-	59,904	Carnegie Mellon University	W81XWH-22-1-0304		59,904	-
COVID-19: Military Medical Research and Development	12.420		-	24,680	Columbia University	W81XWH-21-1-0217	COVID-19	24,680	-
Military Medical Research and Development	12.420		-	18,509	Columbia University Medical Center_	W81XWH-19-PRMRP-FPA		18,509	-
Military Medical Research and Development	12.420		-	4,260	Dana-Farber Cancer Institute	W81XWH-18-1-0529		4,260	-
Military Medical Research and Development	12.420		-	12,849	H. Lee Moffitt Cancer Center & Research Institute	W81XWH-20-1-0351		12,849	-
Military Medical Research and Development	12.420		-	383,988	Harvard University	W81XWH-17-1-0692		383,988	-
Military Medical Research and Development	12.420		-	88,003	Henry M. Jackson Foundation for the Advancement of Military Medicine	W81XWH-18-2-0040		88,003	-
Military Medical Research and Development	12.420		-	25,425	Hospital for Special Surgery	W81XH220900		25,425	-
Military Medical Research and Development	12.420		-	9,829	Nova Southeastern University	W81XWH1820062		9,829	-
Military Medical Research and Development	12.420		-	5,387	PainQx, Inc.	PQX072621		5,387	-
Basic Scientific Research	12.431		2,042,505	-				2,042,505	165,631
Basic Scientific Research	12.431		-	10,567	HF Webster Engineering Services Inc	W911NF1920329		10,567	-
Basic Scientific Research	12.431		-	493,923	Massachusetts Institute of Technology	W911NF-19-1-0217		493,923	-
Basic Scientific Research	12.431		-	153,306	Massachusetts Institute of Technology	W911NF-19-1-0057		153,306	-
Basic Scientific Research	12.431		-	93,699	SEMI-FlexTech	W911NF1920345		93,699	-
Basic Scientific Research	12.431		-	54,901	The Board of Trustees of the Leland Stanford Junior University	W911NF-18-2-0152		54,901	-
					The Regents of the University of California on behalf of its Berkeley				
Basic Scientific Research	12.431		-	418,574	Campus	W911NF-21-2-0162		418,574	-
					The Regents of the University of California on behalf of its Berkeley				
Basic Scientific Research	12.431		-	149,163	Campus	W911NF1920119		149,163	-
Basic Scientific Research	12.431		-	112,323	University of Massachusetts Amherst	W911NF-15-1-0568		112,323	-
<i>Dept Of The Army Subtotal</i>			<u>13,507,611</u>	<u>2,225,900</u>				<u>15,733,511</u>	<u>1,840,494</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Dept Of The Navy</i>									
Naval Medical Research and Development	12.340		-	6,333	Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.	Subaward# 5788 PO#1026551		6,333	-
<i>Office Of The Secretary Of Defense</i>									
Basic, Applied, and Advanced Research in Science and Engineering	12.630		182,029	-				182,029	46,963
Basic, Applied, and Advanced Research in Science and Engineering	12.630		-	214,095	Advanced Regenerative Manufacturing Institute Inc	W911NF-17-3-003		214,095	99,874
Basic, Applied, and Advanced Research in Science and Engineering	12.630		-	78,727	Northwestern University	W911NF-19-2-0140		78,727	-
<i>Office Of The Secretary Of Defense Subtotal</i>			182,029	292,822				474,851	146,837
Department of Defense Total			38,632,010	10,199,786				48,831,796	7,033,101
Department of the Interior									
<i>Bureau Of Land Management</i>									
Wildlife Resource Management	15.247		-	54,966	The Regents of the University of California on behalf of its Davis Campus	L20AC00490		54,966	46,779
<i>Bureau Of Ocean Energy Management</i>									
Bureau of Ocean Energy Management Renewable Energy	15.408		41,102	-				41,102	-
<i>National Park Service</i>									
Cooperative Research and Training Programs & Resources of the National Park System	15.945		40,695	-				40,695	-
<i>U.S. Fish And Wildlife Service</i>									
African Elephant Conservation Fund	15.620		6,106	-				6,106	-
Multistate Conservation Grant	15.628		221,501	-				221,501	-
Neotropical Migratory Bird Conservation	15.635		83,609	-				83,609	-
Adaptive Science	15.670		-	1,077	Catskill Mountainkeeper	0403.21.072261		1,077	-
<i>U.S. Fish And Wildlife Service Subtotal</i>			311,216	1,077				312,293	-
<i>U.S. Geological Survey</i>									
Assistance to State Water Resources Research Institutes	15.805		124,915	-				124,915	62,876
Earthquake Hazards Program Assistance	15.807		54,956	-				54,956	-
U.S. Geological Survey Research and Data Collection	15.808		224,650	-				224,650	-
Cooperative Research Units	15.812		126,871	-				126,871	-
Cooperative Research Units	15.812		-	3,580	University of Alaska Fairbanks	G20AC00210		3,580	-
National and Regional Climate Adaptation Science Centers	15.820		-	57,936	University of Massachusetts Amherst	G19AC00091		57,936	-
National and Regional Climate Adaptation Science Centers	15.820		-	720	University of Massachusetts Amherst	G21AC10601		720	-
<i>U.S. Geological Survey Subtotal</i>			531,392	62,236				593,628	62,876
Department of the Interior Total			924,405	118,279				1,042,684	109,655
Department of Justice									
<i>Office Of Justice Programs</i>									
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560		256,412	-				256,412	-
Crime Victim Assistance	16.575		-	670,650	New York State Office of Victim Services	OVS01-C11114GG-1080200		670,650	98,664
Crime Victim Assistance	16.575		-	229,387	New York State Office of Victim Services	OVS01-C11113GG-1080200		229,387	-
Crime Victim Assistance/Discretionary Grants	16.582		825,619	-				825,619	331,279
Department of Justice Total			1,082,031	900,037				1,982,068	429,943
Department of Labor									
<i>Office Of Disability Employment Policy</i>									
Disability Employment Policy Development	17.720		-	456,343	The Council Of State Governments	OD-33982-19-75-4-21		456,343	-
Department of Labor Total			-	456,343				456,343	-

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Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Department of Transportation									
<i>Office Of The Secretary</i>									
University Transportation Centers Program	20.701		1,443,346	-				1,443,346	1,002,862
University Transportation Centers Program	20.701		-	82,782	Rutgers The State University of New Jersey	69A3551847102		82,782	-
Department of Transportation Total			<u>1,443,346</u>	<u>82,782</u>				<u>1,526,128</u>	<u>1,002,862</u>
Appalachian Regional Commission									
<i>Appalachian Regional Commission</i>									
Appalachian Research, Technical Assistance, and Demonstration Projects	23.011		16,432	-				16,432	-
Appalachian Regional Commission Total			<u>16,432</u>	<u>-</u>				<u>16,432</u>	<u>-</u>
National Aeronautics and Space Administration									
<i>National Aeronautics And Space Administration</i>									
National Aeronautics and Space Administration, Other	43.RD	1530822 (JP59)	-	53,176	The Johns Hopkins University Applied Physics Laboratory LLC	1530822 (JP59)		53,176	-
National Aeronautics and Space Administration, Other	43.RD	NASS-26555	-	112,434	Association of Universities for Research in Astronomy	NASS-26555		112,434	-
National Aeronautics and Space Administration, Other	43.RD	NMO710846	-	134,032	Malin Space Science Systems Inc	NMO710846		134,032	-
National Aeronautics and Space Administration, Other	43.RD	NNN12AA01C	-	149,466	Jet Propulsion Laboratory	NNN12AA01C		149,466	-
National Aeronautics and Space Administration, Other	43.RD	NNN13D496T	-	727,285	AZ Board of Regents on behalf of Arizona State University	NNN13D496T		727,285	-
National Aeronautics and Space Administration, Other	43.RD	NNG16PJ24C	-	35,573	The Board of Trustees of the Leland Stanford Junior University	NNG16PJ24C		35,573	-
National Aeronautics and Space Administration, Other	43.RD	80MSFC18C0034	(663)	-			(663)	-	(663)
National Aeronautics and Space Administration, Other	43.RD	80NSSC21C0503	-	40,040	Magma Space LLC	80NSSC21C0503		40,040	-
National Aeronautics and Space Administration, Other	43.RD	NNN06AA01C	-	46,894	The Johns Hopkins University Applied Physics Laboratory LLC	NNN06AA01C		46,894	-
National Aeronautics and Space Administration, Other	43.RD	NASS- 26555	-	118,539	Association of Universities for Research in Astronomy	NASS- 26555		118,539	-
National Aeronautics and Space Administration, Other	43.RD	1652140	-	28,436	Jet Propulsion Laboratory	1652140		28,436	-
National Aeronautics and Space Administration, Other	43.RD	1652025	-	80,560	Jet Propulsion Laboratory	1652025		80,560	-
National Aeronautics and Space Administration, Other	43.RD	1602199	-	90,800	Jet Propulsion Laboratory	1602199		90,800	-
National Aeronautics and Space Administration, Other	43.RD	1651595	-	(1,718)	Jet Propulsion Laboratory	1651595		(1,718)	-
Science	43.001		3,579,303	-				3,579,303	479,188
Science	43.001		-	19,606	American Museum of Natural History	80NSSC22K0142		19,606	-
Science	43.001		-	43,289	Association of Universities for Research in Astronomy	80NSSC20K0586		43,289	-
Science	43.001		-	22,453	AZ Board of Regents on behalf of Arizona State University	1531839		22,453	-
					Board of Regents of the University of Wisconsin System on Behalf of the				
Science	43.001		-	118,249	University of Wisconsin-Madison	80NSSC19K0180		118,249	-
Science	43.001		-	477,412	Jet Propulsion Laboratory	NNN12AA01C		477,412	-
Science	43.001		-	10,087	Jet Propulsion Laboratory	1656436		10,087	-
Science	43.001		-	10,226	Massachusetts Institute of Technology	80NSSC20K0382		10,226	-
Science	43.001		-	9,813	Massachusetts Institute of Technology	80NSSC20K0484		9,813	-
Science	43.001		-	2,519	Planetary Science Institute	80NSSC18K0012		2,519	-
Science	43.001		-	17,739	Planetary Science Institute	80NSSC20K0749		17,739	-
Science	43.001		-	40,288	Planetary Science Institute	80NSSC19K1313		40,288	-
Science	43.001		-	139	SETI Institute	80NSSC19K0544		139	-
Science	43.001		-	165,636	Southwest Research Institute Inc	NNM06AA75C		165,636	-
Science	43.001		-	49,224	University of Arizona	1272218/NNN13D947T		49,224	-
Science	43.001		-	(1,284)	University Of Nevada, Las Vegas	80NSSC17K0477		(1,284)	-
Science	43.001		-	25,290	University of Virginia	80NSSC19K1258		25,290	-
Aeronautics	43.002		37,021	-				37,021	-
Exploration	43.003		70,109	-				70,109	-
Exploration	43.003		-	43,817	Baylor College of Medicine	NNX16AO69A		43,817	-
Space Operations	43.007		19,086	-				19,086	-
Office of Stem Engagement (OSTEM)	43.008		989,174	-				989,174	342,504
Office of Stem Engagement (OSTEM)	43.008		-	61,648	Prairie View A&M University	80NSSC19M0195		61,648	-
Office of Stem Engagement (OSTEM)	43.008		-	15,876	Sciencenter	NNX16AM22G		15,876	-
Space Technology	43.012		425,156	-				425,156	-
Space Technology	43.012		-	55,946	Massachusetts Institute of Technology	80NSSC19K0211		55,946	-
National Aeronautics and Space Administration Total			<u>5,119,186</u>	<u>2,803,490</u>				<u>7,922,676</u>	<u>821,029</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
National Endowment for the Arts									
<i>National Endowment For The Arts</i>									
Promotion of the Arts Grants to Organizations and Individuals	45.024		1,003	-				1,003	-
National Endowment for the Arts Total			<u>1,003</u>	<u>-</u>				<u>1,003</u>	<u>-</u>
National Science Foundation									
<i>National Science Foundation</i>									
National Science Foundation, Other	47.RD	139173.000	-	30,366	Halomine Inc	-		30,366	-
National Science Foundation, Other	47.RD	NSF DRL #1749275	-	12,846	American Educational Research Association	NSF DRL #1749275		12,846	-
National Science Foundation, Other	47.RD	144124.000	11,431	-				11,431	-
National Science Foundation	47.RD	2139291	25,402	-				25,402	-
Engineering	47.041		11,110,746	-				11,110,746	630,199
COVID-19: Engineering	47.041		268,857	-			COVID-19	268,857	157,328
Engineering	47.041		-	115,342	American Society for Engineering Education	2127509		115,342	-
Engineering	47.041		-	(714)	Dimensional Energy, Inc.	1831166		(714)	-
Engineering	47.041		-	36,575	FloraPulse Company	20206205		36,575	-
Engineering	47.041		-	67,039	Lehigh University	CMMI-1854572		67,039	-
Engineering	47.041		-	101,728	North Carolina State University	2029327		101,728	-
Engineering	47.041		-	1,591	Rochester Institute of Technology	1827551		1,591	-
Engineering	47.041		-	135,993	Soctera Inc	2112247		135,993	-
					The Regents of the University of California on behalf of its Los Angeles				
Engineering	47.041		-	(75,934)	Campus	EEC-1160504		(75,934)	-
Engineering	47.041		-	93,807	The Trustees of Columbia University in the City of New York	EFMA-1641100		93,807	-
Engineering	47.041		-	57,266	Trustees of Boston University	CMMI-1727316		57,266	-
Engineering	47.041		-	15,503	Trustees of Indiana University	1931641		15,503	-
Engineering	47.041		-	136,316	University of Delaware	1830511		136,316	-
Engineering	47.041		-	(55,603)	University of Rochester	CBET-1929256		(55,603)	-
Engineering	47.041		-	110,405	University Of Southern Mississippi	IIP-1841112		110,405	-
Engineering	47.041		-	158,271	Utah State University	EEC-1941524		158,271	-
Mathematical and Physical Sciences	47.049		44,238,183	-				44,238,183	7,703,722
Mathematical and Physical Sciences	47.049		-	94,879	Board of Regents University of Nebraska Lincoln	PHY-2121686		94,879	-
Mathematical and Physical Sciences	47.049		-	685,796	Brigham Young University	1636645		685,796	111,140
Mathematical and Physical Sciences	47.049		-	16,854	Clark Atlanta University	DMR-2122147		16,854	-
Mathematical and Physical Sciences	47.049		-	10,083	North Carolina Agricultural & Technical State University	DMR-2122067		10,083	-
Mathematical and Physical Sciences	47.049		-	417,488	Oregon State University	PHY-2020265		417,488	-
Mathematical and Physical Sciences	47.049		-	69,403	Princeton University	AST-1440226		69,403	-
Mathematical and Physical Sciences	47.049		-	327,650	Princeton University	PHY-1624356		327,650	82,854
Mathematical and Physical Sciences	47.049		-	(68)	Regents of the University of Minnesota	CHE-1413862		(68)	-
Mathematical and Physical Sciences	47.049		-	732,492	Regents of the University of Minnesota	CHE-1901635		732,492	-
					The Regents of the University of California on behalf of its Berkeley				
Mathematical and Physical Sciences	47.049		-	33,466	Campus	2002182		33,466	-
Mathematical and Physical Sciences	47.049		-	735,482	The University of Utah	CHE-2002158		735,482	-
Mathematical and Physical Sciences	47.049		-	62,061	University of Notre Dame	1920180		62,061	-
Mathematical and Physical Sciences	47.049		-	23,643	University of Notre Dame	OMA-2137828		23,643	-
Mathematical and Physical Sciences	47.049		-	65,831	University Of Puerto Rico	1827622		65,831	-
Mathematical and Physical Sciences	47.049		-	60	University Of Wisconsin Milwaukee	PHY-1430284		60	-
Mathematical and Physical Sciences	47.049		-	19,139	Winona State University	1847892		19,139	-
Geosciences	47.050		4,795,424	-				4,795,424	2,074,523
Geosciences	47.050		-	34,856	Boyce Thompson Institute for Plant Research Inc	G1494SR7301740		34,856	-
Geosciences	47.050		-	3,491	Consortium of Universities for the Advancement of Hydrologic Science	EAR-1849458		3,491	-
Geosciences	47.050		-	61,409	Michigan Technological University	2133229		61,409	-
Geosciences	47.050		-	80,217	New York University	OPP-1739003		80,217	-
Geosciences	47.050		-	4,888	University of Colorado Boulder	AGS-2028032		4,888	-
Geosciences	47.050		-	33,599	University of Georgia	ICER-1940082		33,599	-
Computer and Information Science and Engineering	47.070		15,849,940	-				15,849,940	1,148,665
COVID-19: Computer and Information Science and Engineering	47.070		5,751	-			COVID-19	5,751	-

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Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Computer and Information Science and Engineering	47.070		-	57,661	Board of Regents of the University of Wisconsin System on Behalf of the University of Wisconsin Milwaukee	1934752		57,661	-
Computer and Information Science and Engineering	47.070		-	173,850	Computing Research Association Inc	2127309		173,850	-
Computer and Information Science and Engineering	47.070		-	69,356	Computing Research Association Inc	2021 CIF-Cornell-36		69,356	-
Computer and Information Science and Engineering	47.070		-	101,051	Intel Corporation	1723715		101,051	-
Computer and Information Science and Engineering	47.070		-	48,712	Lehigh University	CCF-1740796		48,712	-
Computer and Information Science and Engineering	47.070		-	29,802	Pecan Street Inc	1951927		29,802	-
Computer and Information Science and Engineering	47.070		-	211,982	Princeton University	OAC-1836650		211,982	-
Computer and Information Science and Engineering	47.070		-	197,860	Regents of the University of Minnesota	OAC-2037773		197,860	-
Computer and Information Science and Engineering	47.070		-	222,088	The Board of Trustees of the Leland Stanford Junior University	CCF-1918549		222,088	-
Computer and Information Science and Engineering	47.070		-	17,034	The President and Fellows of Harvard College	IIS-1901030		17,034	-
Computer and Information Science and Engineering	47.070		-	165,368	The University of Texas at Austin	1854828		165,368	-
Computer and Information Science and Engineering	47.070		-	167,468	The University of Texas at Austin	OAC-1663578		167,468	-
Computer and Information Science and Engineering	47.070		-	2,812	Trustees of Indiana University	ACI-1445604		2,812	-
Computer and Information Science and Engineering	47.070		-	115,707	Trustees of Indiana University	2005506		115,707	-
Computer and Information Science and Engineering	47.070		-	908,334	University of Illinois at Urbana-Champaign	ACI-1548562		908,334	-
Computer and Information Science and Engineering	47.070		-	17,554	University of Illinois at Urbana-Champaign	OAC-1541450		17,554	-
Computer and Information Science and Engineering	47.070		-	51,223	University of North Carolina Chapel Hill	1639268		51,223	-
Computer and Information Science and Engineering	47.070		-	6,839	University of Southern California	CCF-2124453		6,839	-
Computer and Information Science and Engineering	47.070		-	66,136	Vanderbilt University	1952011		66,136	-
Computer and Information Science and Engineering	47.070		-	50,116	Virginia Polytechnic Institute and State University	ACI-1547580		50,116	-
Biological Sciences	47.074		12,898,105	-				12,898,105	1,706,914
Biological Sciences	47.074		-	2,747	Board of Regents University of Nebraska Lincoln	IOS-2127485		2,747	-
Biological Sciences	47.074		-	(49)	Boyce Thompson Institute for Plant Research Inc	IOS1653021		(49)	-
Biological Sciences	47.074		-	99,285	Boyce Thompson Institute for Plant Research Inc	NSF IOS 2024252		99,285	-
Biological Sciences	47.074		-	78,222	Cary Institute of Ecosystem Studies Inc	1637685		78,222	-
Biological Sciences	47.074		-	47,739	Iowa State University of Science and Technology	IOS-1827567		47,739	-
Biological Sciences	47.074		-	161,539	Michigan State University	IOS-1546657		161,539	-
Biological Sciences	47.074		-	72,365	Regents of the University of Minnesota	DEB-2030036		72,365	-
Biological Sciences	47.074		-	56,260	Saint Louis University	1546869		56,260	-
Biological Sciences	47.074		-	25,159	The Regents of the University of California on behalf of its Riverside Campus	2128268		25,159	-
Biological Sciences	47.074		-	40,065	The Regents of the University of California on behalf of its San Diego Campus	1444507		40,065	-
Biological Sciences	47.074		-	256,041	The Research Foundation for the State University of New York Buffalo	DBI-1231306		256,041	-
Biological Sciences	47.074		-	217,680	University of Colorado	DBI 2014217		217,680	-
Biological Sciences	47.074		-	17,658	University of Massachusetts Amherst	IOS-1754966		17,658	-
Biological Sciences	47.074		-	87,040	University of Notre Dame	DEB-2109293		87,040	-
Biological Sciences	47.074		-	67,730	University of Washington	IOS-1748843		67,730	-
Social, Behavioral, and Economic Sciences	47.075		1,785,314	-				1,785,314	133,338
COVID-19: Social, Behavioral, and Economic Sciences	47.075		112,299	-			COVID-19	112,299	51,793
Social, Behavioral, and Economic Sciences	47.075		-	61,744	Duke University	BCS-2150142		61,744	-
Social, Behavioral, and Economic Sciences	47.075		-	47,378	Northwestern University	SES-2017581		47,378	-
Social, Behavioral, and Economic Sciences	47.075		-	11,454	Yale University	2049090		11,454	-
Education and Human Resources	47.076		7,680,838	-				7,680,838	354,919
Education and Human Resources	47.076		-	50,000	American Chemical Society	NSF-1834545		50,000	-
Education and Human Resources	47.076		-	68,947	Syracuse University	1712733		68,947	-
Education and Human Resources	47.076		-	124,600	Tuskegee University	1735971		124,600	-
Education and Human Resources	47.076		-	91,533	Twin Cities Public Television Inc	2004085		91,533	-
Education and Human Resources	47.076		-	4,165	University of Maine	1725130		4,165	-
Polar Programs	47.078		321,885	-				321,885	-
Polar Programs	47.078		-	29,355	University of Chicago	1935892		29,355	-
Office of International Science and Engineering	47.079		27,607	-				27,607	-
Integrative Activities	47.083		-	73,673	The Trustees of Columbia University in the City of New York	OIA-2040613		73,673	-
Integrative Activities	47.083		-	(1,164)	Vanderbilt University	OIA-1936970		(1,164)	-
Integrative Activities	47.083		-	149,240	Vanderbilt University	OIA-2033413		149,240	-
National Science Foundation Total			99,131,782	9,074,875				108,206,657	14,155,395

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Environmental Protection Agency									
<i>Environmental Protection Agency</i>									
Geographic Programs - Great Lakes Restoration Initiative	66.469		1,343,682	-				1,343,682	634,860
Geographic Programs - Great Lakes Restoration Initiative	66.469		-	(68)	University of Notre Dame	GL-00E02226		(68)	-
P3 Award: National Student Design Competition for Sustainability	66.516		33,177	-				33,177	-
Source Reduction Assistance	66.717		-	55,500	Rochester Institute of Technology	X9-96250700		55,500	-
National Environmental Education Training Program	66.950		-	5,000	Sciencenter	NE96251220		5,000	-
Environmental Protection Agency Total			1,376,859	60,432				1,437,291	634,860
Department of Energy									
<i>Department Of Energy</i>									
Department of Energy, Other	81.RD	DE-AC02-05CH11231	-	321,413	Lawrence Berkeley National Laboratory	DE-AC02-05CH11231		321,413	-
Department of Energy, Other	81.RD	DE-AC02-07CH11359	-	35,379	Fermi National Accelerator Laboratory	DE-AC02-07CH11359		35,379	-
Department of Energy, Other	81.RD	DE-AC05-76RL01830	-	583,278	Pacific Northwest National Laboratory	DE-AC05-76RL01830		583,278	-
Department of Energy, Other	81.RD	DE-AC52-07NA27344	-	4,039	Lawrence Livermore National Laboratory	DE-AC52-07NA27344		4,039	-
Department of Energy, Other	81.RD	DE-NA0003525	-	126,243	Sandia National Laboratories	DE-NA0003525		126,243	-
Department of Energy, Other	81.RD	DE-AC52-06NA25396	-	56,314	Los Alamos National Laboratory	DE-AC52-06NA25396		56,314	-
Department of Energy, Other	81.RD	89233218CNA000001	-	227,828	Los Alamos National Laboratory	89233218CNA000001		227,828	-
Department of Energy, Other	81.RD	DE-AC02-06CH11357	-	629,387	Argonne National Laboratory	DE-AC02-06CH11357		629,387	-
Department of Energy, Other	81.RD	DE-AC02-07CH11358	-	204,261	Ames Laboratory	DE-AC02-07CH11358		204,261	-
Department of Energy, Other	81.RD	DE-AC36-08GO28308	-	40,668	National Renewable Energy Laboratory	DE-AC36-08GO28308		40,668	-
Department of Energy, Other	81.RD	DE-SC0017902	-	20,223	Ultramet	DE-SC0017902		20,223	-
Department of Energy, Other	81.RD	DE-SC0012704	-	75,588	Brookhaven National Laboratory	DE-SC0012704		75,588	-
Department of Energy, Other	81.RD	DE-AC02-76SF00515	-	20,253	SLAC National Accelerator Laboratory	DE-AC02-76SF00515		20,253	-
Department of Energy, Other	81.RD	DE-EE0008930	-	143,442	New York State Energy Research and Development Authority	DE-EE0008930		143,442	-
Department of Energy, Other	81.RD	SC-19-491	-	1,793	Ames Laboratory	SC-19-491		1,793	-
Department of Energy, Other	81.RD	Phase 2 Continuation	-	117,797	National Offshore Wind Research & Development Consortium	Phase 2 Continuation		117,797	16,422
Department of Energy, Other	81.RD	147506	-	64,213	National Renewable Energy Laboratory	147506		64,213	-
Department of Energy, Other	81.RD	65603.000	-	21,596	AZ Board of Regents on behalf of Arizona State University	-		21,596	-
Department of Energy, Other	81.RD	DE-AC05-000R2275	-	5,597	Oak Ridge National Laboratory	DE-AC05-000R2275		5,597	-
<i>Energy</i>									
Office of Science Financial Assistance Program	81.049		11,419,854	-				11,419,854	1,222,674
Office of Science Financial Assistance Program	81.049		-	504,167	AZ Board of Regents on behalf of Arizona State University	DE-SC00021230		504,167	-
Office of Science Financial Assistance Program	81.049		-	165,666	California Institute of Technology	DE-SC0002038		165,666	-
Office of Science Financial Assistance Program	81.049		-	37,975	Intermix Performance Materials Inc	DE-SC00021766		37,975	-
Office of Science Financial Assistance Program	81.049		-	18,510	Iowa State University of Science and Technology	DE-SC0016438		18,510	-
Office of Science Financial Assistance Program	81.049		-	18,385	Michigan State University	DE-SC0017883		18,385	-
Office of Science Financial Assistance Program	81.049		-	133,478	Mitegen, LLC	DE-SC0019546		133,478	-
Office of Science Financial Assistance Program	81.049		-	(3,227)	Niowave Inc	DE-SC0017734		(3,227)	-
Office of Science Financial Assistance Program	81.049		-	164,591	Northwestern University	DE-SC00021314		164,591	-
Office of Science Financial Assistance Program	81.049		-	55,239	Princeton University	DE-SC0019370		55,239	-
Office of Science Financial Assistance Program	81.049		-	15,923	Radiation Monitoring Devices Inc	DESC0020607		15,923	-
Office of Science Financial Assistance Program	81.049		-	43,043	Regents of the University of Minnesota	DE-SC0008688		43,043	-
Office of Science Financial Assistance Program	81.049		-	65,906	State University of New York Stony Brook	DESC0020375		65,906	-
Office of Science Financial Assistance Program	81.049		-	76,024	Sydor Instruments	DE-SC0017139		76,024	-
Office of Science Financial Assistance Program	81.049		-	137,988	Sydor Instruments	DE-SC0021504		137,988	-
Office of Science Financial Assistance Program	81.049		-	151,938	The Johns Hopkins University	DE-SC0019331		151,938	-
Office of Science Financial Assistance Program	81.049		-	369,967	The Regents of the University of California on behalf of its Davis Campus	DE-SC0016605		369,967	-
Office of Science Financial Assistance Program	81.049		-	139,790	The Regents of the University of California on behalf of its Irvine Campus	DE-SC0021302		139,790	-
Office of Science Financial Assistance Program	81.049		-	104,917	The Regents of the University of California on behalf of its Santa Barbara Campus	DE-SC0018901		104,917	-
Office of Science Financial Assistance Program	81.049		-	290,327	The Research Foundation for the State University of New York Stony Brook	DE-SC0012673		290,327	-
Office of Science Financial Assistance Program	81.049		-	185,907	The University of Utah	DE-SC0019285		185,907	-
Office of Science Financial Assistance Program	81.049		-	21,537	Ultramet	DE-SC0021487		21,537	-
Office of Science Financial Assistance Program	81.049		-	146,182	University of New Mexico	DE-SC0018370		146,182	-
Office of Science Financial Assistance Program	81.049		-	73,448	University of Pennsylvania	DE-SC0020360		73,448	-
Conservation Research and Development	81.086		407,598	-				407,598	80,957

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Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Conservation Research and Development	81.086		-	95,721	Auburn University	DE-EE0008483		95,721	-
Conservation Research and Development	81.086		-	8,913	Chattanooga Area Regional Transportation Authority	DE-EE0009212		8,913	-
Conservation Research and Development	81.086		-	193,521	Ford Motor Co.	DE-EE0008464		193,521	-
Conservation Research and Development	81.086		-	120,955	General Motors Company	DE-EE0008821		120,955	-
Renewable Energy Research and Development	81.087		2,022,000	-				2,022,000	-
Renewable Energy Research and Development	81.087		-	292,867	American Institute for Chemical Engineers	DE-EE0007888		292,867	-
Renewable Energy Research and Development	81.087		-	24,210	Duke University	DE-EE0007091		24,210	-
Renewable Energy Research and Development	81.087		-	1,036	General Motors Company	DE-EE0007271		1,036	-
Fossil Energy Research and Development	81.089		-	174,038	The Trustees of Columbia University in the City of New York	DE-FE0031963		174,038	-
Stewardship Science Grant Program	81.112		3,080,683	-				3,080,683	1,147,281
Defense Nuclear Nonproliferation Research	81.113		37,604	-				37,604	-
Nuclear Energy Research, Development and Demonstration	81.121		-	132,302	University of Michigan	DE-NE0008976		132,302	-
Advanced Research Projects Agency - Energy	81.135		437,778	-				437,778	6,029
Advanced Research Projects Agency - Energy	81.135		-	148,128	University of Colorado Boulder	DE-AR0001327		148,128	-
Advanced Research Projects Agency - Energy	81.135		-	111,696	Woods Hole Oceanographic Institute	DE-AR0000915		111,696	-
<i>Energy Subtotal</i>			<u>17,405,517</u>	<u>4,221,068</u>				<u>21,626,585</u>	<u>2,456,941</u>
Department of Energy Total			<u>17,405,517</u>	<u>6,920,380</u>				<u>24,325,897</u>	<u>2,473,363</u>
Department of Education									
<i>Institute Of Education Sciences</i>									
Education Research, Development and Dissemination	84.305		-	43,971	The President and Fellows of Harvard College	R305C190004		43,971	-
<i>Office Of Postsecondary Education</i>									
Undergraduate International Studies and Foreign Language Programs	84.016		142,820	-				142,820	-
Overseas Programs - Doctoral Dissertation Research Abroad	84.022		<u>46,945</u>	<u>-</u>				<u>46,945</u>	<u>-</u>
<i>Office Of Postsecondary Education Subtotal</i>			<u>189,765</u>	<u>-</u>				<u>189,765</u>	<u>-</u>
Department of Education Total			<u>189,765</u>	<u>43,971</u>				<u>233,736</u>	<u>-</u>
Department of Health and Human Services									
<i>Department Of Health And Human Services</i>									
Department of Health and Human Services, Other	93.RD	P01AI102851	-	13,376	David H. Smith Center for Vaccine Biology and Immunology	P01AI102851		13,376	-
Department of Health and Human Services, Other	93.RD	138495.000	-	(20,926)	The Ohio State University	-		(20,926)	-
Department of Health and Human Services, Other	93.RD	211073	(793)	-				(793)	-
Department of Health and Human Services	93.RD	67909726	-	226,691	Mayo Clinic College of Medicine, Minnesota	67909726		226,691	-
Department of Health and Human Services	93.RD	HHSN26100008	-	44,709	Leidos Biomedical Research	HHSN26100008		44,709	-
Department of Health and Human Services	93.RD	75N92019D00027	-	129,473	University of Oklahoma	75N92019D00027		129,473	-
COVID-19: Department of Health and Human Services	93.RD	75N92020D00018/75N92020I	-	64,738	University of Chicago	75N92020D00018/75N92020F00001	COVID-19	64,738	-
Department of Health and Human Services	93.RD	20 WCORNELL.01	-	(644)	Public Health Solutions	20 WCORNELL.01		(644)	-
Department of Health and Human Services	93.RD	NYCDA 212438-01	-	96,382	New York City Department for the Aging	NYCDA 212438-01		96,382	-
Department of Health and Human Services	93.RD	HHSN261201500003I	-	45,333	University of Colorado Denver Anschutz Medical Campus	HHSN261201500003I		45,333	-
Department of Health and Human Services	93.RD	75F40120C00140	278,166	-				278,166	-
Department of Health and Human Services	93.RD	75D30121C10170	305,830	-				305,830	152,675
Department of Health and Human Services	93.RD	21IPA2111285	71,532	-				71,532	-
Department of Health and Human Services	93.RD	R01HL165452	29,648	-				29,648	-
Department of Health and Human Services	93.RD	HHSN261201200034I	-	29,552	MD Anderson Cancer Center	HHSN261201200034I		29,552	-
Department of Health and Human Services	93.RD	75N93019C00051 OPTION 1	-	364,539	Mount Sinai School of Medicine	75N93019C00051 OPTION 17A		364,539	-
Department of Health and Human Services	93.RD	75N91019D00019	-	68,367	University of Connecticut	75N91019D00019		68,367	-
Department of Health and Human Services	93.RD	75N93021C00014	-	64,960	Icahn School of Medicine at Mount Sinai	75N93021C00014		64,960	-
Department of Health and Human Services	93.RD	75N91019D00024	-	99,945	Leidos Biomedical Research	75N91019D00024		99,945	-
Department of Health and Human Services	93.RD	HHSN261201500003	-	118,389	University of Colorado Denver Anschutz Medical Campus	HHSN261201500003		118,389	-
Department of Health and Human Services	93.RD	CK000615-01	-	75,341	University of Maryland	CK000615-01		75,341	-
Department of Health and Human Services	93.RD	7200AA22CA00002	-	35,817	Oak Crest Institute of Science	7200AA22CA00002		35,817	-
Department of Health and Human Services	93.RD	52900745.000	-	(11,478)	Memorial Sloan Kettering Cancer Center	52900745		(11,478)	-
Department of Health and Human Services	93.RD	HHSN261201500039I-HHSN2	(11,815)	-				(11,815)	-
Department of Health and Human Services	93.RD	HHSN261201500039I-HHSN2	291,771	-				291,771	285,720

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Administration For Community Living (Acl)</i>									
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		1,103,698	-				1,103,698	442,680
Developmental Disabilities Basic Support and Advocacy Grants	93.630		-	226,169	New York State Developmental Disabilities Planning Council	DDP01-C00005GG-1100200		226,169	16,115
Developmental Disabilities Basic Support and Advocacy Grants	93.630		-	(315)	New York State Developmental Disabilities Planning Council	-		(315)	-
<i>Administration For Community Living (Acl) Subtotal</i>			<u>1,103,698</u>	<u>225,854</u>				<u>1,329,552</u>	<u>458,795</u>
<i>Agency For Healthcare Research And Quality</i>									
Research on Healthcare Costs, Quality and Outcomes	93.226		333,687	-				333,687	141,280
Research on Healthcare Costs, Quality and Outcomes	93.226		-	21,910	Baylor College of Medicine	5R01HS027784-03		21,910	-
Research on Healthcare Costs, Quality and Outcomes	93.226		-	(14,118)	Columbia University	R01HS024262		(14,118)	-
<i>Agency For Healthcare Research And Quality Subtotal</i>			<u>333,687</u>	<u>7,792</u>				<u>341,479</u>	<u>141,280</u>
<i>Centers For Disease Control And Prevention</i>									
Global AIDS	93.067		-	53,157	GHEKIO Centers	5 NU2 GGH001924-05		53,157	-
Global AIDS	93.067		-	57,531	GHEKIO Centers	1 NU2GGH002383-01-0		57,531	-
Chronic Diseases: Research, Control, and Prevention	93.068		-	23,670	University of Alabama-Birmingham	U01DP006302		23,670	-
Birth Defects and Developmental Disabilities - Prevention and Surveillance	93.073		-	177,537	University of South Carolina	SU19DD001218-05		177,537	108,106
Blood Disorder Program: Prevention, Surveillance, and Research	93.080		231,420	-				231,420	-
Blood Disorder Program: Prevention, Surveillance, and Research	93.080		-	28,579	Icahn School of Medicine at Mount Sinai	NU27DD000020		28,579	-
Blood Disorder Program: Prevention, Surveillance, and Research	93.080		-	30	Mount Sinai School of Medicine	NU27DD001155		30	-
Prevention of Disease, Disability, and Death by Infectious Diseases	93.084		2,006,089	-				2,006,089	1,176,491
Prevention of Disease, Disability, and Death by Infectious Diseases	93.084		-	39,363	University of Maryland	U54CK000615		39,363	-
Injury Prevention and Control Research and State and Community Based Programs	93.136		-	126,418	Health Research, Inc.	R01CE003022		126,418	-
Injury Prevention and Control Research and State and Community Based Programs	93.136		-	8,794	Rand Corporation	R01CE002999		8,794	-
CDC's Collaboration with Academia to Strengthen Public Health	93.967		-	98	Association of American Medical Colleges	5NU360E000007-03-00		98	-
<i>Centers For Disease Control And Prevention Subtotal</i>			<u>2,237,509</u>	<u>515,177</u>				<u>2,752,686</u>	<u>1,284,597</u>
<i>Food And Drug Administration</i>									
Food and Drug Administration Research	93.103		1,570,308	-				1,570,308	477,124
Food and Drug Administration Research	93.103		-	86,395	Johns Hopkins University	U01FD005942		86,395	84,398
Food and Drug Administration Research	93.103		-	40,056	Massachusetts General Hospital	U01FD007064		40,056	-
Food and Drug Administration Research	93.103		-	47,140	National Farmers Union Foundation	1U01FD006921-01		47,140	-
Food and Drug Administration Research	93.103		-	21,654	Northeastern University	2P52ES017198-11		21,654	-
<i>Food And Drug Administration Subtotal</i>			<u>1,570,308</u>	<u>195,245</u>				<u>1,765,553</u>	<u>561,522</u>
<i>Health Resources And Services Administration</i>									
Maternal and Child Health Federal Consolidated Programs	93.110		8,963	-				8,963	-
Maternal and Child Health Federal Consolidated Programs	93.110		-	81,579	Children's Hospital of Philadelphia	U1A28549		81,579	-
Maternal and Child Health Federal Consolidated Programs	93.110		-	24,139	Mount Sinai School of Medicine	H30MC24048		24,139	-
HIV-Related Training and Technical Assistance	93.145		-	335,863	Columbia University	U10HA29291		335,863	-
Centers of Excellence	93.157		718,221	-				718,221	-
COVID-19: Centers of Excellence	93.157		24,380	-			COVID-19	24,380	-
National Research Service Award in Primary Care Medicine	93.186		259,471	-				259,471	-
<i>Health Resources And Services Administration Subtotal</i>			<u>1,011,035</u>	<u>441,581</u>				<u>1,452,616</u>	<u>-</u>
Immed Office Of The Secretary Of Health And Human Services									
COVID-19: Biomedical Advanced Research and Development Authority (BARDA), Biodefense Medical Countermeasure Development	93.360		-	1,285,237	Duke University	HHSO1002014000021	COVID-19	1,285,237	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>National Institutes Of Health</i>									
Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		589,857	-				589,857	-
Environmental Health	93.113		329,368	-				329,368	-
Environmental Health	93.113		-	301,471	Columbia University	R01ES032638		301,471	-
Environmental Health	93.113		-	5,944	Emory University	5R01ES027892-05		5,944	-
Environmental Health	93.113		-	28,374	Pennsylvania State University	5R35ES028244-06		28,374	-
Environmental Health	93.113		-	231,378	Princeton University	5R01ES029929-03		231,378	-
Environmental Health	93.113		-	73,671	State University of New York Binghamton	1R01ES028788-01A1		73,671	-
Environmental Health	93.113		-		The Regents of the University of California on behalf of its Santa Cruz campus	5R01ES028369-04		147,962	-
Oral Diseases and Disorders Research	93.121		189,163	-				189,163	-
Oral Diseases and Disorders Research	93.121		-	14,896	Harvard School of Dental Medicine	DE029615		14,896	-
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143		-	117,015	Northeastern University	5P42ES017198-12		117,015	-
NIEHS Superfund Hazardous Substances_Basic Research and Education	93.143		-	175,489	University of North Carolina Chapel Hill	5P42ES031007-03		175,489	-
Human Genome Research	93.172		3,879,384	-				3,879,384	868,242
Human Genome Research	93.172		-	47,294	New York Genome Center Inc.	RM1HG011014		47,294	-
Human Genome Research	93.172		-	94,585	University of Oregon	1R56HG011395-01A1		94,585	-
Human Genome Research	93.172		-	34,357	Washington University in St. Louis	3U01HG009391-04S1		34,357	-
Research Related to Deafness and Communication Disorders	93.173		1,366,645	-				1,366,645	-
Research Related to Deafness and Communication Disorders	93.173		-	40,339	Drexel University College of Medicine	R01DC017181		40,339	-
Research Related to Deafness and Communication Disorders	93.173		-	333	Father Flanagan's Boys' Home d/b/a Boys Town	R01DC015056		333	-
Research Related to Deafness and Communication Disorders	93.173		-	31,274	Regents of the University of Minnesota	1R21DC019184-01A1		31,274	-
Research Related to Deafness and Communication Disorders	93.173		-	(981)	University of Chicago	5R01DC014367-05		(981)	-
Research Related to Deafness and Communication Disorders	93.173		-	24,061	University of Rochester	5R01DC017261-05		24,061	-
Research and Training in Complementary and Integrative Health	93.213		1,285,478	-				1,285,478	-
Research and Training in Complementary and Integrative Health	93.213		-		The Regents of the University of California on behalf of its Davis Campus	1R21AT010956-01A1		3,884	-
Research and Training in Complementary and Integrative Health	93.213		-	174,491	Yale University	R01AT011419		174,491	-
Mental Health Research Grants	93.242		14,332,100	-				14,332,100	1,055,918
Mental Health Research Grants	93.242		-	478,225	Brigham and Women's Hospital	R01MH124381		478,225	-
Mental Health Research Grants	93.242		-	92,284	Child Mind Institute, Inc.	R01MH115363		92,284	-
Mental Health Research Grants	93.242		-	68	Child Mind Institute, Inc.	R01MH105506		68	-
Mental Health Research Grants	93.242		-		Cleveland Clinic Lerner College of Medicine of Case Western Reserve University	R21-MH1211165		28,943	-
Mental Health Research Grants	93.242		-	28,943	University	T32MH073553		(220,514)	-
Mental Health Research Grants	93.242		-	(220,514)	Dartmouth College	T32MH073553		211,739	-
Mental Health Research Grants	93.242		-	211,739	Dartmouth-Hitchcock Medical Center	R01MH121627		69,852	-
Mental Health Research Grants	93.242		-	69,852	Florida State University	R01MH114999		140,163	-
Mental Health Research Grants	93.242		-	140,163	Georgia Institute of Technology	R41MH124581		123,067	-
Mental Health Research Grants	93.242		-	123,067	Iris OB Health, Inc.	R01MH113512		60,065	-
Mental Health Research Grants	93.242		-	60,065	Johns Hopkins University	U19MH121738		69,160	-
Mental Health Research Grants	93.242		-	69,160	Kaiser Foundation Research Institute	R25MH125775		18,324	-
Mental Health Research Grants	93.242		-	18,324	Research Foundation for Mental Hygiene, Inc.	R01MH112148		108,269	-
Mental Health Research Grants	93.242		-	108,269	University of Connecticut Health Center	R01MH124740		179,733	-
Mental Health Research Grants	93.242		-	179,733	University of Connecticut Health Center	R01MH113560		113,878	-
Mental Health Research Grants	93.242		-	113,878	University of Missouri	R01MH108559		56,680	-
Mental Health Research Grants	93.242		-	56,680	University of Missouri	UF1MH121944		93,136	-
Mental Health Research Grants	93.242		-	93,136	University of Pennsylvania	R61MH115119		111,946	-
Mental Health Research Grants	93.242		-	111,946	University of Rochester	R61MH110509		106,074	32,417
Mental Health Research Grants	93.242		-	106,074	University of Washington	R61MH122464		48,794	-
Mental Health Research Grants	93.242		-	48,794	Vanderbilt University Medical Center	R01MH084894		60,361	-
Mental Health Research Grants	93.242		-	60,361	Virginia Commonwealth University	R01MH112457		13,276	-
Mental Health Research Grants	93.242		-	13,276	Vitalant Research Institute	R01MH124110		44,265	-
Mental Health Research Grants	93.242		-	44,265	Yale University			1,139,399	7,399
Alcohol Research Programs	93.273		1,139,399	-				15,731	-
Alcohol Research Programs	93.273		-	15,731	Washington State University	R01AA020248		15,731	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Drug Abuse and Addiction Research Programs	93.279		6,568,139	-				6,568,139	2,121,468
COVID-19: Drug Abuse and Addiction Research Programs	93.279		108,880	-			COVID-19	108,880	85,451
Drug Abuse and Addiction Research Programs	93.279		-	31,613	Albert Einstein College of Medicine, Yeshiva Univ.	R01DA044878		31,613	-
Drug Abuse and Addiction Research Programs	93.279		-	36,345	Albert Einstein College of Medicine, Yeshiva Univ.	RM1DA055437		36,345	-
Drug Abuse and Addiction Research Programs	93.279		-	38,022	Baystate Medical Center	UG1DA050067		38,022	-
Drug Abuse and Addiction Research Programs	93.279		-	65,721	Boston Medical Center (Corporation)	R01DA046527		65,721	-
Drug Abuse and Addiction Research Programs	93.279		-	71,845	Boston Medical Center (Corporation)	UM1DA049412		71,845	-
Drug Abuse and Addiction Research Programs	93.279		-	22,128	Columbia University	R01DA043130		22,128	-
Drug Abuse and Addiction Research Programs	93.279		-	74,989	Columbia University	R01DA041510		74,989	-
Drug Abuse and Addiction Research Programs	93.279		-	107,072	Columbia University	R01DA045713		107,072	-
Drug Abuse and Addiction Research Programs	93.279		-	91,745	Columbia University	UM1DA049415		91,745	-
Drug Abuse and Addiction Research Programs	93.279		-	67,335	Friends Research Institute, Inc.	UG1DA050077		67,335	-
Drug Abuse and Addiction Research Programs	93.279		-	221,300	Kaiser Foundation Research Institute	UG1DA040314		221,300	-
Drug Abuse and Addiction Research Programs	93.279		-	11,852	Lifespan	5R25DA037190-06		11,852	-
Drug Abuse and Addiction Research Programs	93.279		-	22,132	New York University	R01DA054220		22,132	-
Drug Abuse and Addiction Research Programs	93.279		-	24,181	New York University School of Medicine	R01DA045042		24,181	-
Drug Abuse and Addiction Research Programs	93.279		-	196,227	New York University School of Medicine	UG1DA013035		196,227	-
Drug Abuse and Addiction Research Programs	93.279		-	88,483	Research Foundation for Mental Hygiene, Inc.	UG1DA050071		88,483	-
Drug Abuse and Addiction Research Programs	93.279		-	5,388	Research Foundation of CUNY	R01DA041298		5,388	-
Drug Abuse and Addiction Research Programs	93.279		-	22,186	RTI International	UM1DA049394		22,186	-
Drug Abuse and Addiction Research Programs	93.279		-	22,113	The J. David Gladstone Institutes	R01DA049525		22,113	-
Drug Abuse and Addiction Research Programs	93.279		-	98,518	The Johns Hopkins University	R01DA044201		98,518	-
Drug Abuse and Addiction Research Programs	93.279		-	18,999	University of California, Los Angeles	UG1DA013035		18,999	-
Drug Abuse and Addiction Research Programs	93.279		-	94,209	University of Cincinnati	UG1DA013732		94,209	-
Drug Abuse and Addiction Research Programs	93.279		-	77,598	University of Kentucky	R01DA048892		77,598	-
Drug Abuse and Addiction Research Programs	93.279		-	59,000	University of Miami	UG1DA013720		59,000	-
Drug Abuse and Addiction Research Programs	93.279		-	15,857	Yale University	UG1DA015831		15,857	-
Drug Abuse and Addiction Research Programs	93.279		-	37,579	Yale University	U01DA053039		37,579	-
Drug Abuse and Addiction Research Programs	93.279		-	18,759	Yale University	R01DA050454		18,759	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		2,974,170	-				2,974,170	270,402
COVID-19: Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		182,632	-			COVID-19	182,632	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-	2,887	Hura Imaging, Inc.	H11210312-01		2,887	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-	167,682	Tufts University	5R01EB030061-02		167,682	-
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		-	205,066	University of Rochester	R01EB028933		205,066	-
Minority Health and Health Disparities Research	93.307		255,825	-				255,825	44,118
Minority Health and Health Disparities Research	93.307		-	119,068	Columbia University	P50MD017341		119,068	-
Minority Health and Health Disparities Research	93.307		-	36,535	Research Foundation of CUNY	R25MD011713		36,535	-
Minority Health and Health Disparities Research	93.307		-	16,332	University of Pennsylvania	R01MD013859		16,332	-
Minority Health and Health Disparities Research	93.307		49,120	-				49,120	-
Minority Health and Health Disparities Research	93.307		-	44,240	University of Chicago	1R01MD017194-01		44,240	-
Trans-NIH Research Support	93.310		4,349,862	-				4,349,862	-
Trans-NIH Research Support	93.310		-	323,149	Boyce Thompson Institute for Plant Research Inc	-		323,149	-
Trans-NIH Research Support	93.310		-	44,093	Brandeis University	U01GM132367		44,093	-
Trans-NIH Research Support	93.310		-	3,728,731	Columbia University	OT2OD026556		3,728,731	-
Trans-NIH Research Support	93.310		-	16,572	Massachusetts General Hospital	DP2HD101400		16,572	-
Trans-NIH Research Support	93.310		-	251,074	Memorial Sloan Kettering Cancer Center	U01DK128852		251,074	-
Trans-NIH Research Support	93.310		-	51,982	Research Triangle Institute Global Inc	U24HD107676		51,982	-
Trans-NIH Research Support	93.310		-	167,704	The Regents of the University of California on behalf of its San Francisco Campus	1R61HD105618-02		167,704	-
COVID-19: Trans-NIH Research Support	93.310		-	890,045	University of Miami	U01DA053941	COVID-19	890,045	-
National Center for Advancing Translational Sciences	93.350		7,655,802	-				7,655,802	1,325,094
COVID-19: National Center for Advancing Translational Sciences	93.350		739,034	-			COVID-19	739,034	12,755
Research Infrastructure Programs	93.351		3,911,666	-				3,911,666	162,433
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		1,307,987	-				1,307,987	221,408
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		-	30,698	Geisinger Clinic	RCA211723A		30,698	-
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		-	21,351	Sloan-Kettering Institute for Cancer Research	U01CA224175		21,351	-
21st Century Cures Act - Beau Biden Cancer Moonshot	93.353		-	15,115	St. Jude Children's Research Hospital	U54CA243124		15,115	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Nursing Research	93.361		477,992	-				477,992	79,569
Nursing Research	93.361		-	382	Brigham and Women's Hospital	R01NR017034		382	-
Nursing Research	93.361		-	16,802	Columbia University	P20NR018072		16,802	-
Cancer Cause and Prevention Research	93.393		8,649,326	-				8,649,326	1,521,226
Cancer Cause and Prevention Research	93.393		-	30,022	Albert Einstein College of Medicine, Yeshiva Univ.	R01CA222358		30,022	-
Cancer Cause and Prevention Research	93.393		-	27,556	Brigham and Women's Hospital	P01CA087969		27,556	-
Cancer Cause and Prevention Research	93.393		-	16,420	Brigham and Women's Hospital	R01CA178263		16,420	-
Cancer Cause and Prevention Research	93.393		-	112,088	Case Western Reserve University	5R37CA244613-03		112,088	-
Cancer Cause and Prevention Research	93.393		-	31,233	Columbia University	R01CA205028		31,233	-
Cancer Cause and Prevention Research	93.393		-	(412)	Columbia University	R01CA200795		(412)	-
Cancer Cause and Prevention Research	93.393		-	30,339	Dana-Farber Cancer Institute	U01CA246648		30,339	-
Cancer Cause and Prevention Research	93.393		-	24,970	Dana-Farber Cancer Institute	R01CA259200		24,970	-
Cancer Cause and Prevention Research	93.393		-	10,416	Fred Hutchinson Cancer Center	R37CA246703		10,416	-
Cancer Cause and Prevention Research	93.393		-	39,833	Fred Hutchinson Cancer Research Center	R37CA246703		39,833	-
Cancer Cause and Prevention Research	93.393		-	29,335	Harvard School of Public Health	U01CA167552		29,335	-
Cancer Cause and Prevention Research	93.393		-	53,175	Health Research Inc. & Roswell Park Cancer Institute	R01CA234162		53,175	-
Cancer Cause and Prevention Research	93.393		-	238,405	Iowa State University of Science and Technology	5R37CA259156-02		238,405	-
Cancer Cause and Prevention Research	93.393		-	81,508	Kaiser Foundation Research Institute	R01CA241409		81,508	-
Cancer Cause and Prevention Research	93.393		-	323,380	Massachusetts General Hospital	R01CA258763		323,380	-
Cancer Cause and Prevention Research	93.393		-	82,072	Mayo Clinic	U01CA195568		82,072	-
Cancer Cause and Prevention Research	93.393		-	3,394	MD Anderson Cancer Center	R01CA207216		3,394	-
Cancer Cause and Prevention Research	93.393		-	36,470	MD Anderson Cancer Center	R01CA257375		36,470	-
Cancer Cause and Prevention Research	93.393		-	6,247	Memorial Sloan Kettering Cancer Center	UE5CA246754		6,247	-
Cancer Cause and Prevention Research	93.393		-	139,878	New York University Medical Center	R01CA228135		139,878	-
Cancer Cause and Prevention Research	93.393		-	465,684	New York University Medical Center	P01CA229086		465,684	-
Cancer Cause and Prevention Research	93.393		-	228,287	New York University School of Medicine	P01CA229086		228,287	-
Cancer Cause and Prevention Research	93.393		-	100,866	The Regents of the University of California, Irvine	R01CA260615		100,866	-
Cancer Cause and Prevention Research	93.393		-	25,599	The University of Utah	-		25,599	-
Cancer Cause and Prevention Research	93.393		-	55,164	University of Connecticut	5 R01 CA252045-02		55,164	-
Cancer Cause and Prevention Research	93.393		-	50,176	University of Florida	R01CA240341		50,176	-
Cancer Cause and Prevention Research	93.393		-	162,512	University of South Carolina	1R01CA215466-01A1		162,512	-
Cancer Cause and Prevention Research	93.393		-	38,718	University of Washington	R01CA244670		38,718	-
Cancer Detection and Diagnosis Research	93.394		3,684,387	-				3,684,387	431,370
Cancer Detection and Diagnosis Research	93.394		-	1,189	Broad Institute Inc	U24CA210978		1,189	-
Cancer Detection and Diagnosis Research	93.394		-	6,058	Broad Institute Inc	U24CA264029		6,058	-
Cancer Detection and Diagnosis Research	93.394		-	21,546	Eigen Health Services LLC d/b/a Eigen	R42CA224888		21,546	-
Cancer Detection and Diagnosis Research	93.394		-	190,446	Sloan Kettering Institute for Cancer Research	R01-CA243085		190,446	-
Cancer Detection and Diagnosis Research	93.394		-	113,119	Sloan Kettering Institute for Cancer Research	C21860219		113,119	-
Cancer Detection and Diagnosis Research	93.394		-	172,191	Texas A&M University	5R01CA230738-04		172,191	-
Cancer Detection and Diagnosis Research	93.394		-	2,429	University of Arkansas	5R21CA237984-02		2,429	-
Cancer Detection and Diagnosis Research	93.394		-	127,488	University of Maryland Baltimore	CA255835		127,488	-
Cancer Detection and Diagnosis Research	93.394		-	155,885	University of Nebraska Medical Center	U01CA210240		155,885	-
Cancer Treatment Research	93.395		7,626,942	-				7,626,942	1,057,618
COVID-19: Cancer Treatment Research	93.395		22,085	-			COVID-19	22,085	-
Cancer Treatment Research	93.395		-	42,870	Brigham and Women's Hospital	-		42,870	-
COVID-19: Cancer Treatment Research	93.395		-	(1,332)	Brigham and Women's Hospital Inc.	-	COVID-19	(1,332)	-
Cancer Treatment Research	93.395		-	63	Children's Hospital of Philadelphia	U10CA180886		63	-
Cancer Treatment Research	93.395		-	6,355	Children's Hospital of Philadelphia	APEC14B1-01		6,355	-
Cancer Treatment Research	93.395		-	100,003	Culnexin Therapeutics LLC	R41CA265583		100,003	-
Cancer Treatment Research	93.395		-	65,895	ECOG-ACRIN Cancer Research Group	CRG 183047-01		65,895	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Cancer Treatment Research	93.395		-	768,435	EMMES Corporation	UM1CA121947		768,435	-
Cancer Treatment Research	93.395		-	8,084	Fox Chase Cancer Center Medical Group Inc.	U01CA260369		8,084	-
Cancer Treatment Research	93.395		-	85,183	Georgia Tech Research Corporation	R01CA238745		85,183	-
Cancer Treatment Research	93.395		-	34,298	Georgia Tech Research Corporation	R01CA247484		34,298	-
Cancer Treatment Research	93.395		-	33,722	Johns Hopkins Medicine	R01CA235681		33,722	-
Cancer Treatment Research	93.395		-	197,760	Johns Hopkins University	U01CA231776		197,760	-
Cancer Treatment Research	93.395		-	129,929	Mayo Clinic	P01CA229100		129,929	-
Cancer Treatment Research	93.395		-	24,194	Memorial Sloan Kettering Cancer Center	P50CA192937		24,194	-
Cancer Treatment Research	93.395		-	779	Memorial Sloan Kettering Cancer Center	R01CA201250		779	-
Cancer Treatment Research	93.395		-	6,878	Memorial Sloan Kettering Cancer Center	R01CA233896		6,878	-
Cancer Treatment Research	93.395		-	13,225	National Cancer Institute	R01CA238745		13,225	-
Cancer Treatment Research	93.395		-	15,667	Public Health Institute	U10CA180886		15,667	-
Cancer Treatment Research	93.395		-	18,212	Sloan-Kettering Institute for Cancer Research	UG1CA233332		18,212	-
Cancer Treatment Research	93.395		-	335,394	The George Washington University	5R01CA240529-03		335,394	-
Cancer Treatment Research	93.395		-	3,985	University of California, Los Angeles	UM1CA121947		3,985	-
Cancer Treatment Research	93.395		-	596	University of Michigan	R01CA160467		596	-
Cancer Treatment Research	93.395		-	26,454	University of Rochester	R01CA214890		26,454	-
Cancer Treatment Research	93.395		-	137,666	University of Virginia	R01CA234478		137,666	-
Cancer Treatment Research	93.395		-	38,087	Wake Forest University Health Sciences	R21CA248106		38,087	-
Cancer Biology Research	93.396		13,705,246	-				13,705,246	1,456,196
Cancer Biology Research	93.396		-	284,719	Boston Children's Hospital (Children's Hospital Corporation)	R01CA249678		284,719	-
Cancer Biology Research	93.396		-	244,593	Brigham and Women's Hospital	P01CA120964		244,593	-
Cancer Biology Research	93.396		-	113,131	Children's Hospital Los Angeles	R01CA207983		113,131	-
Cancer Biology Research	93.396		-	18,965	Columbia University	R01CA255298		18,965	-
Cancer Biology Research	93.396		-	64,911	Columbia University	P01CA265768		64,911	-
Cancer Biology Research	93.396		-	34,969	Houston Methodist Research Institute	U01CA244107		34,969	-
Cancer Biology Research	93.396		-	155,369	MD Anderson Cancer Center	P01CA117969		155,369	-
Cancer Biology Research	93.396		-	296,110	New York University Medical Center	R01CA249054		296,110	-
Cancer Biology Research	93.396		-	64,817	Sloan-Kettering Institute for Cancer Research	R01CA228216		64,817	-
Cancer Biology Research	93.396		-	1,022	The Regents of the University of Michigan	U01CA210152		1,022	-
Cancer Biology Research	93.396		-	60,350	The University of Texas Southwestern Medical Center	5U01CA214300-06 REVISED		60,350	-
Cancer Biology Research	93.396		-	58,797	Universite de Montreal	R01CA098571		58,797	-
Cancer Biology Research	93.396		-	241,175	University of California, San Diego	R01CA211794		241,175	-
Cancer Biology Research	93.396		-	14,577	University of Miami	R01CA245673		14,577	-
Cancer Centers Support Grants	93.397		2,661,486	-				2,661,486	972,657
Cancer Centers Support Grants	93.397		-	18,165	Dana-Farber Cancer Institute	P20CA233255		18,165	-
Cancer Centers Support Grants	93.397		-	4,408	Memorial Sloan Kettering Cancer Center	P50CA192937		4,408	-
Cancer Centers Support Grants	93.397		-	93,669	Memorial Sloan Kettering Cancer Center	P50CA247749		93,669	-
Cancer Centers Support Grants	93.397		-	3,203	Sloan Kettering Institute for Cancer Research	5U54CA199081-03		3,203	-
Cancer Centers Support Grants	93.397		-	1,254	Sloan Kettering Institute for Cancer Research	U54CA199081-03		1,254	-
Cancer Centers Support Grants	93.397		-	27,130	Sloan-Kettering Institute for Cancer Research	P50CA192937		27,130	-
Cancer Research Manpower	93.398		3,831,018	-				3,831,018	17,289
Cancer Research Manpower	93.398		-	2,246	H. Lee Moffitt Cancer Center & Research Institute	R25CA142519		2,246	-
Cancer Control	93.399		1,137,987	-				1,137,987	894,824
Cancer Control	93.399		-	871	Children's Hospital of Philadelphia	UG1CA189955		871	-
Cardiovascular Diseases Research	93.837		13,026,806	-				13,026,806	525,753
COVID-19: Cardiovascular Diseases Research	93.837		272,046	-			COVID-19	272,046	-
Cardiovascular Diseases Research	93.837		-	44,083	Albert Einstein College of Medicine, Yeshiva Univ.	U01AI035004		44,083	-
Cardiovascular Diseases Research	93.837		-	33,753	Albert Einstein College of Medicine, Yeshiva Univ.	R01HL157157		33,753	-
Cardiovascular Diseases Research	93.837		-	54,504	Beth Israel Deaconess Medical Center, Inc.	R01HL154744		54,504	-
Cardiovascular Diseases Research	93.837		-	119,597	Brigham and Women's Hospital	U01HL123336		119,597	-
Cardiovascular Diseases Research	93.837		-	261,834	Columbia University	R01HL146149		261,834	-
Cardiovascular Diseases Research	93.837		-	88,259	Columbia University	R01HL152699		88,259	-
Cardiovascular Diseases Research	93.837		-	146,529	Columbia University	R61HL159949		146,529	-
Cardiovascular Diseases Research	93.837		-	19,719	Columbia University Medical Center	R01HL155081		19,719	-

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Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Cardiovascular Diseases Research	93.837		-	15,487	George Washington University	R01HL153154		15,487	-
Cardiovascular Diseases Research	93.837		-	48,812	Icahn School of Medicine at Mount Sinai	U01HL136297		48,812	-
Cardiovascular Diseases Research	93.837		-	19,485	Kaiser Permanente	R01HL158790		19,485	-
Cardiovascular Diseases Research	93.837		-	42,164	Massachusetts General Hospital	U01HL123336		42,164	-
Cardiovascular Diseases Research	93.837		-	48,795	Research Foundation of CUNY	T32HL135465		48,795	-
Cardiovascular Diseases Research	93.837		-	214,614	Research Triangle Institute Global Inc	1R01HL149352-01		214,614	-
Cardiovascular Diseases Research	93.837		-	193,369	Seattle Children's Hospital	R01HL130996		193,369	-
Cardiovascular Diseases Research	93.837		-	227,966	State University of New York Stony Brook	7R01HL140562-03		227,966	-
Cardiovascular Diseases Research	93.837		-		The Board of Trustees of the University of Alabama for the University				
Cardiovascular Diseases Research	93.837		-	14,084	of Alabama at Birmingham	R01HL120338		14,084	-
Cardiovascular Diseases Research	93.837		-		The Regents of the University of California on behalf of its San				
Cardiovascular Diseases Research	93.837		-	7,515	Francisco Campus	R25HL126146-05		7,515	-
Cardiovascular Diseases Research	93.837		-	3,023	University of Alabama-Birmingham	U01HL120338		3,023	-
Cardiovascular Diseases Research	93.837		-	21,675	University of Alabama-Birmingham	UH2HL130691		21,675	-
Cardiovascular Diseases Research	93.837		-	52,056	Vanderbilt University Medical Center	R01HL149948		52,056	-
Cardiovascular Diseases Research	93.837		-	14,543	Yale University	R01HL160822		14,543	-
Lung Diseases Research	93.838		10,386,308	-				10,386,308	5,378,315
Lung Diseases Research	93.838		-	14,671	Cleveland Clinic Lerner College of Medicine	U01HL125177		14,671	-
Lung Diseases Research	93.838		-	16,472	Columbia University Medical Center_	R01HL155576		16,472	-
Lung Diseases Research	93.838		-	7,349	COPD Foundation, Inc.	U01HL128954		7,349	-
COVID-19: Lung Diseases Research	93.838		-	3,691,594	New York University School of Medicine	OT2HL161847	COVID-19	3,691,594	2,346,496
Lung Diseases Research	93.838		-	70,885	University of California, San Francisco	U01HL137880		70,885	-
Lung Diseases Research	93.838		-	8,814	University of Pittsburgh	5R01HL136494-03		8,814	-
Lung Diseases Research	93.838		-	15,327	University of Virginia	R01HL131565		15,327	-
Blood Diseases and Resources Research	93.839		1,569,975	-				1,569,975	284,604
Blood Diseases and Resources Research	93.839		-	164,026	Children's Hospital Corporation	5R01HL128452-07		164,026	-
Blood Diseases and Resources Research	93.839		-	25,148	Columbia University	R01HL139489		25,148	-
Blood Diseases and Resources Research	93.839		-	278,597	Indiana University	R01HL131093		278,597	-
Blood Diseases and Resources Research	93.839		-	90,930	Indiana University	P01HL160472		90,930	-
Blood Diseases and Resources Research	93.839		-	20,436	Phoenicia BioSciences, Inc.	R33HL147845		20,436	-
Blood Diseases and Resources Research	93.839		-	61,846	University of Vermont	4R33HL141787-03		61,846	-
Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	93.840		709,457	-				709,457	386,765
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		5,562,293	-				5,562,293	487,536
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	12,002	Hospital for Special Surgery	U01AR069869		12,002	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	187,885	Hydro-Gen LLC	2R44AR067533-02A1 REVISED		187,885	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	5,908	Johns Hopkins Medicine	UH3AR077360		5,908	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	20,822	Northwestern University	R01AR078342		20,822	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	(2)	Trustees of Indiana University	5R01AR074473-03		(2)	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	19,399	University of California, San Francisco	R01AR080034		19,399	-
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		-	140,794	University of Chicago	1R01AR078555-01		140,794	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		18,650,988	-				18,650,988	1,513,022
COVID-19: Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		835,985	-			COVID-19	835,985	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	222,272	Case Western Reserve University	U01DK094157		222,272	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	15,195	Case Western Reserve University	R01DK116723		15,195	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	3,028	Columbia University	R01DK060694		3,028	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	86,842	Fred Hutchinson Cancer Research Center	RC2DK114777		86,842	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	151,004	Icahn School of Medicine at Mount Sinai	R01DK129888		151,004	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	69,787	Jackson Laboratory	R01DK117137		69,787	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	6,839	Massachusetts General Hospital	1R56DK122593-01		6,839	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	52,003	Mount Sinai School of Medicine	U01DK116100		52,003	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	5,632	New York University	R01DK122456		5,632	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	66,961	Pennington Biomedical Research Center	R01DK123183		66,961	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	16,282	Temple University	R01DK122073		16,282	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-		The Regents of the University of California on behalf of its Davis				
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	5,820	Campus	7R56DK124853-02		5,820	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	93,675	The Trustees of Columbia University in the City of New York	5R01DK127778-02		93,675	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	246,391	University of Chicago	R01DK124906		246,391	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	32,793	University of Chicago	R01DK060581		32,793	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	187,017	University of Colorado Boulder	5R01DK119594-04		187,017	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	4,031	University of Massachusetts Medical School	5R21DK113353		4,031	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	100,877	University of North Carolina Chapel Hill	5P01DK094779-09		100,877	-
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	10,611	Yale University	R01DK117650		10,611	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		27,553,835	-				27,553,835	3,892,368
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	94,048	Burke Neurological Institute	5R01NS099568-02		94,048	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	45,469	Children's Hospital of Philadelphia	U54NS115052		45,469	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	(316)	Cleveland Clinic Health System	UH3NS100543		(316)	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	40,643	Cleveland Clinic Lerner College of Medicine	UH3NS100543		40,643	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	74,810	Columbia University	U01NS095869		74,810	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	17,064	Columbia University	U24NS107168		17,064	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	20,831	Columbia University	R01NS101663		20,831	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	87,834	Columbia University	U24NS107237		87,834	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	139,469	Drexel University College of Medicine	R01NS111767		139,469	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	4,293	Harvard Medical School	U01NS082329		4,293	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	158,681	Harvard University	R01NS104143		158,681	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	101,810	Icahn School of Medicine at Mount Sinai	R01NS120477		101,810	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	11,422	Kennedy Krieger Institute	K12NS098482		11,422	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	(19,282)	Massachusetts General Hospital	R01NS110575		(19,282)	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	72,630	Massachusetts General Hospital	U01NS114001		72,630	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	170	Mayo Clinic Jacksonville	R01NS097876		170	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	3,107	Mayo Clinic Jacksonville	U01NS080168		3,107	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	79,536	MedimageMetric, LLC	R41NS122675		79,536	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	36,761	Memorial Sloan Kettering Cancer Center	R01NS116353		36,761	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	94,337	Memorial Sloan Kettering Cancer Center	R01NS118067		94,337	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	44,866	National Institute of Neurological Disorders & Stroke	U19NS104653		44,866	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	120,761	New York University School of Medicine	R01NS102904		120,761	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	225	Rockefeller University	R01NS097184		225	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	7,352	The President and Fellows of Harvard College	5U19NS104653-03		7,352	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	146,570	The Wistar Institute	R01NS117458		146,570	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	20,893	Trustees of Boston College	R01NS040237		20,893	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	13,947	Trustees of Boston College	1R01NS126091		13,947	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	241,916	Trustees of Boston University	5R01NS108472-05		241,916	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	4,115	University of Cincinnati	U01NS095869		4,115	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	150,584	University of Cincinnati	R01NS121077		150,584	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	442,711	University of Michigan	U54NS117170		442,711	36,430
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	2,150	University Of Nevada Reno	1R01NS117686-01		2,150	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	35,567	University of Pennsylvania	R01NS120625		35,567	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	46,882	University of Pittsburgh	5R01NS032385-25		46,882	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	1,993	University of Pittsburgh	1R21NS115023-02		1,993	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	40,548	UT Southwestern Medical Center	R01NS123398		40,548	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	73,091	Wake Forest University Health Sciences	R01NS114653		73,091	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	249,295	Yale University	R01NS102267		249,295	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	52,785	Yale University	U01NS106513		52,785	-
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		-	19,953	Yale University	UG3NS112826		19,953	-
Allergy and Infectious Diseases Research	93.855		63,683,125	-				63,683,125	17,020,174
COVID-19: Allergy and Infectious Diseases Research	93.855		1,818,810	-			COVID-19	1,818,810	776,845
Allergy and Infectious Diseases Research	93.855		-	30,223	Brigham and Women's Hospital	R01AI134842		30,223	-
Allergy and Infectious Diseases Research	93.855		-	231,652	Brigham and Women's Hospital	U19AI162584		231,652	-
Allergy and Infectious Diseases Research	93.855		-	250,745	Center for Discovery and Innovation	R01AI161013		250,745	-
Allergy and Infectious Diseases Research	93.855		-	29,768	Colorado State University	2R01AI067380-16		29,768	-
Allergy and Infectious Diseases Research	93.855		-	198,342	Columbia University	75N92019D00037		198,342	-
Allergy and Infectious Diseases Research	93.855		-	9,978	Columbia University	R01AI145570		9,978	-
Allergy and Infectious Diseases Research	93.855		-	349,001	Duke University	UM1AI104681		349,001	-
Allergy and Infectious Diseases Research	93.855		-	26,036	Duke University	R01AI125416		26,036	-
COVID-19: Allergy and Infectious Diseases Research	93.855		-	148,215	Duke University	R01AI161008	COVID-19	148,215	-
Allergy and Infectious Diseases Research	93.855		-	223,993	Emory University	U19AI110483		223,993	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Allergy and Infectious Diseases Research	93.855		-	273,431	Emory University	UM1AII64562		273,431	-
Allergy and Infectious Diseases Research	93.855		-	153,928	EpiCypher, Inc.	R44 AII62386		153,928	-
COVID-19: Allergy and Infectious Diseases Research	93.855		-	203,875	FHI 360	UM1AII068619	COVID-19	203,875	107,441
Allergy and Infectious Diseases Research	93.855		-	562,711	FHI 360	5 UM1 AII068619-16		562,711	273,793
Allergy and Infectious Diseases Research	93.855		-	32,033	George Washington University	R56AII45683		32,033	-
Allergy and Infectious Diseases Research	93.855		-	44,859	George Washington University	R33AII36102		44,859	-
Allergy and Infectious Diseases Research	93.855		-	7	George Washington University	R21AII36102		7	-
Allergy and Infectious Diseases Research	93.855		-	18,997	Georgia Institute of Technology	R01AII32728		18,997	-
Allergy and Infectious Diseases Research	93.855		-	360,418	GHEKIO Centers	UM1AII069421		360,418	-
Allergy and Infectious Diseases Research	93.855		-	301,406	Icahn School of Medicine at Mount Sinai	P01AII097092		301,406	-
Allergy and Infectious Diseases Research	93.855		-	6,685	Jackson Laboratory	R01AII42086		6,685	-
Allergy and Infectious Diseases Research	93.855		-	60,165	Johns Hopkins Medicine	UM1AII64566		60,165	-
Allergy and Infectious Diseases Research	93.855		-	39,676	Johns Hopkins University	R01AII50412		39,676	-
Allergy and Infectious Diseases Research	93.855		-	499	Massachusetts General Hospital	R01AII23001		499	-
Allergy and Infectious Diseases Research	93.855		-	185,914	Medical College of Wisconsin	U01AII38331		185,914	-
Allergy and Infectious Diseases Research	93.855		-	174,430	Princeton University	R01AII07301		174,430	-
Allergy and Infectious Diseases Research	93.855		-	204,215	Regents of the University of Minnesota	R01AII36445		204,215	-
Allergy and Infectious Diseases Research	93.855		-	200,699	Regents of the University of Minnesota	R01AII43784		200,699	-
Allergy and Infectious Diseases Research	93.855		-	253,496	Rockefeller University	U01AII45921		253,496	-
Allergy and Infectious Diseases Research	93.855		-	54,108	Rockefeller University	R01AII43295		54,108	-
Allergy and Infectious Diseases Research	93.855		-	273,649	Rutgers The State University of New Jersey	SU19AII62598-02		273,649	-
Allergy and Infectious Diseases Research	93.855		-	107,574	Rutgers University	R01AII47345		107,574	-
Allergy and Infectious Diseases Research	93.855		-	435,633	Rutgers University	R01AII51599		435,633	-
Allergy and Infectious Diseases Research	93.855		-	221,192	Seattle Biomedical Research Institute	U19AII35976		221,192	-
Allergy and Infectious Diseases Research	93.855		-	71,401	St. Jude Children's Research Hospital	U01AII44616		71,401	-
Allergy and Infectious Diseases Research	93.855		-	30,773	Texas A&M University	R21AII21689		30,773	-
Allergy and Infectious Diseases Research	93.855		-	436,954	The George Washington University	1R01AII53110-02		436,954	-
Allergy and Infectious Diseases Research	93.855		-	39,280	The J David Gladstone Institutes	1UM1AII64559-02		39,280	-
Allergy and Infectious Diseases Research	93.855		-	4,381	The Jackson Laboratory for Genomic Medicine	U01AII65452		4,381	-
Allergy and Infectious Diseases Research	93.855		-	121,392	The Regents of the University of California	UM1AII068636		121,392	-
Allergy and Infectious Diseases Research	93.855		-		The Regents of the University of California on behalf of its Riverside				
Allergy and Infectious Diseases Research	93.855		-	32,522	Campus	1R21AII42121-01		32,522	-
Allergy and Infectious Diseases Research	93.855		-	(27)	The Research Institute at Nationwide Children's Hospital	U01AII31386		(27)	-
Allergy and Infectious Diseases Research	93.855		-	(103,347)	The Trustees of Columbia University in the City of New York	R01AII19762		(103,347)	-
Allergy and Infectious Diseases Research	93.855		-	32,899	The Trustees of Columbia University in the City of New York	1R01AII60953-01		32,899	-
Allergy and Infectious Diseases Research	93.855		-	106,415	The Trustees of Columbia University in the City of New York	1R56AII59085-01A1		106,415	-
Allergy and Infectious Diseases Research	93.855		-	161,705	The Trustees of Columbia University in the City of New York	5R01AII21349-05		161,705	-
Allergy and Infectious Diseases Research	93.855		-	9,040	Tufts University	R21AII45272		9,040	-
Allergy and Infectious Diseases Research	93.855		-	86,571	Tufts University	1R21AII60821-01		86,571	-
Allergy and Infectious Diseases Research	93.855		-	34	University of California	R21AII42506		34	-
Allergy and Infectious Diseases Research	93.855		-	191,344	University of California, Los Angeles	UM1AII068636		191,344	-
Allergy and Infectious Diseases Research	93.855		-	931,301	University of California, San Francisco	UM1AII64559		931,301	-
Allergy and Infectious Diseases Research	93.855		-	158,905	University of Illinois at Urbana-Champaign	1R01AII66791-01		158,905	-
Allergy and Infectious Diseases Research	93.855		-	20,211	University of Kansas	R01AII39154		20,211	-
Allergy and Infectious Diseases Research	93.855		-	212,371	University of Maryland	R01AII34696		212,371	-
Allergy and Infectious Diseases Research	93.855		-	8,788	University of Miami	R01AII42669		8,788	-
Allergy and Infectious Diseases Research	93.855		-	1,570	University of Missouri	1R21AII67742-01		1,570	-
Allergy and Infectious Diseases Research	93.855		-	287,087	University of North Carolina at Chapel Hill	R01AII55510		287,087	-
Allergy and Infectious Diseases Research	93.855		-	108,886	University of Pittsburgh	U01AII1285		108,886	-
Allergy and Infectious Diseases Research	93.855		-	440,070	University of Pittsburgh	R01AII43788		440,070	-
Allergy and Infectious Diseases Research	93.855		-	283,179	University of Pittsburgh	R01AII42662		283,179	-
Allergy and Infectious Diseases Research	93.855		-	138,549	University of Pittsburgh	R01AII65031		138,549	-
Allergy and Infectious Diseases Research	93.855		-	660,225	University of Rochester	5P01AII02851-09		660,225	-
Allergy and Infectious Diseases Research	93.855		-	2,522	University of Texas at San Antonio	5R01AII51638-03		2,522	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Allergy and Infectious Diseases Research	93.855		-	20,282	University of Washington	5R01AI130379-05		20,282	-
Allergy and Infectious Diseases Research	93.855		-	212,037	University of Wisconsin	P01AI132132		212,037	-
COVID-19: Allergy and Infectious Diseases Research	93.855		-	169,348	University of Wisconsin	P01AI165077	COVID-19	169,348	-
Allergy and Infectious Diseases Research	93.855		-	1,919	Vanderbilt University	U01AI069923		1,919	1,919
Allergy and Infectious Diseases Research	93.855		-	5,392	Vanderbilt University Medical Center	U01AI069923		5,392	5,392
Allergy and Infectious Diseases Research	93.855		-	32,205	Vanderbilt University Medical Center	5 U01 AI069923-17		32,205	-
Allergy and Infectious Diseases Research	93.855		-	117,639	Venatorx Pharmaceuticals, Inc.	1R01AI136805		117,639	-
Biomedical Research and Research Training	93.859		50,374,277	-				50,374,277	766,312
Biomedical Research and Research Training	93.859		-	193,267	Dana-Farber Cancer Institute Inc	1R01GM130885-03		193,267	-
Biomedical Research and Research Training	93.859		-	1,990	New York University School of Medicine	R01GM121994		1,990	-
Biomedical Research and Research Training	93.859		-	44,642	Pennsylvania State University	1R01GM125722-01		44,642	-
Biomedical Research and Research Training	93.859		-	92,065	Seattle Children's Research Institute	5U54AI150472-11		92,065	-
Biomedical Research and Research Training	93.859		-	47,298	The Johns Hopkins University	R01GM127578		47,298	-
Biomedical Research and Research Training	93.859		-	36,367	University of Arizona	5R01GM116113-04		36,367	-
Biomedical Research and Research Training	93.859		-	84,333	University of North Carolina at Chapel Hill	R01GM130934		84,333	-
Biomedical Research and Research Training	93.859		-	17,031	Yale University	R01GM137411		17,031	-
Child Health and Human Development Extramural Research	93.865		12,112,284	-				12,112,284	2,119,137
Child Health and Human Development Extramural Research	93.865		-	43,887	Baylor College of Medicine	P01HD087157		43,887	-
Child Health and Human Development Extramural Research	93.865		-	75,420	Baylor College of Medicine	R01HD083809		75,420	-
					Board of Regents of the University of Wisconsin System on Behalf of the				
Child Health and Human Development Extramural Research	93.865		-	6,226	University of Wisconsin-Madison	1R25HD105602-01		6,226	-
Child Health and Human Development Extramural Research	93.865		-	213,238	Children's Hospital of Philadelphia	R01HD0911585		213,238	-
Child Health and Human Development Extramural Research	93.865		-	154,461	Children's Research Institute	R01HD099284		154,461	-
Child Health and Human Development Extramural Research	93.865		-	17,408	Columbia University	R01HD094793		17,408	-
Child Health and Human Development Extramural Research	93.865		-	1,200	Duke University	R01HD081044		1,200	-
Child Health and Human Development Extramural Research	93.865		-	1,293	Florida International University	5R01HD094803-02		1,293	-
Child Health and Human Development Extramural Research	93.865		-	117,350	Georgetown University	K12HD093427		117,350	-
Child Health and Human Development Extramural Research	93.865		-	109,887	Magee-Womens Research Institute (MWRI)	P50HD096723		109,887	-
Child Health and Human Development Extramural Research	93.865		-	394,309	Magee-Womens Research Institute And Foundation	5P50HD096723		394,309	-
Child Health and Human Development Extramural Research	93.865		-	21,418	Oklahoma State University	R01HD074579		21,418	-
Child Health and Human Development Extramural Research	93.865		-	47,736	Population Council, Inc.	P50HD106793		47,736	-
Child Health and Human Development Extramural Research	93.865		-	98,365	University of California, San Francisco	R01HD093012		98,365	-
Child Health and Human Development Extramural Research	93.865		-	46,999	University of Massachusetts Medical School	5 R01 HD099072-04		46,999	-
Child Health and Human Development Extramural Research	93.865		-	17,861	University of Michigan	R01HD088506-05		17,861	-
Aging Research	93.866		23,124,179	-				23,124,179	1,612,731
COVID-19: Aging Research	93.866		488,468	-			COVID-19	488,468	-
Aging Research	93.866		-	153,740	Albert Einstein College of Medicine Inc	5P01AG017242-27		153,740	-
Aging Research	93.866		-	237,149	Albert Einstein College of Medicine, Yeshiva Univ.	P01AG031782		237,149	-
Aging Research	93.866		-	176,116	Arizona State University	R01AG061835		176,116	-
Aging Research	93.866		-	261,788	Arizona State University	U01AG061835		261,788	-
Aging Research	93.866		-	63,693	Columbia University	R01AG055299		63,693	-
Aging Research	93.866		-	60,444	Columbia University	R01AG026158		60,444	-
Aging Research	93.866		-	72,621	Columbia University	R01AG055422		72,621	-
Aging Research	93.866		-	46	Columbia University	RF1AG038465		46	-
Aging Research	93.866		-	16,501	Columbia University	P30AG059303		16,501	-
Aging Research	93.866		-	96,026	Columbia University	R01AG038465		96,026	-
Aging Research	93.866		-	14,918	Dartmouth College	P01AG019783		14,918	-
Aging Research	93.866		-	54,681	Diamir, LLC.	R44AG044860		54,681	-
Aging Research	93.866		-	21,000	Duke University	5R24-AG065172-02		21,000	-
Aging Research	93.866		-	166,190	Duke University	U19AG063744		166,190	-
Aging Research	93.866		-	(153)	Emory University	U54AG062334		(153)	-
Aging Research	93.866		-	243,936	Hebrew Home at Riverdale	R01AG057389		243,936	-
Aging Research	93.866		-	23,169	Hebrew Home for the Aged	R01AG057389		23,169	-
Aging Research	93.866		-	(353)	I-Function, Inc.	R43AG05738		(353)	-

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Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Aging Research	93.866		-	18,796	Johns Hopkins University	R35AG072310		18,796	-
Aging Research	93.866		-	116,101	Michigan State University	RF1AG072449		116,101	-
Aging Research	93.866		-	27,301	National Opinion Research Center	5R01AG050605-02		27,301	-
Aging Research	93.866		-	7,997	New York University	R01AG055624		7,997	-
Aging Research	93.866		-	(4,009)	New York University Medical Center	R56AG058913		(4,009)	-
Aging Research	93.866		-	18,572	New York University School of Medicine	P30AG066512		18,572	-
Aging Research	93.866		-	(2,797)	New York University School of Medicine	RF1AG057570		(2,797)	-
Aging Research	93.866		-	170,333	Sloan-Kettering Institute for Cancer Research	R01AG054720		170,333	-
Aging Research	93.866		-	39,002	Syracuse University	P30AG066583		39,002	-
Aging Research	93.866		-	4,862	Syracuse University	2R24AG045061-06		4,862	-
Aging Research	93.866		-	49,414	The Florida State University	5R01AG068093-03		49,414	-
					The Regents of the University of California on behalf of its Los Angeles				
Aging Research	93.866		-	24,649	Campus	5R01AG059815-03		24,649	-
Aging Research	93.866		-	761,334	University of Arizona	P01AG026572		761,334	-
Aging Research	93.866		-	562,622	University of Arizona	R01AG057931		562,622	-
Aging Research	93.866		-	48,739	University of Arizona	R01AG075122		48,739	-
Aging Research	93.866		-	72,375	University of California, Berkeley	R01AG064778		72,375	-
Aging Research	93.866		-	244,692	University of California, San Francisco	R01AG057497		244,692	-
Aging Research	93.866		-	69,462	University Of Houston	R01AG062987		69,462	-
Aging Research	93.866		-	92,201	University of Pennsylvania	R01AG070944		92,201	-
Aging Research	93.866		-	402,806	University of Pittsburgh	R01AG055511		402,806	-
Aging Research	93.866		-	216	University of Southern California	5P30AG043073-08		216	-
Aging Research	93.866		-	8,302	University of Toronto	5R01AG060080-02		8,302	-
Aging Research	93.866		-	66,391	University of Toronto	R01AG060080		66,391	-
Aging Research	93.866		-	1,018,932	University of Washington	5U19AG057377-05		1,018,932	-
Aging Research	93.866		-	146,325	University of Washington	5R24AG073137-02		146,325	-
Aging Research	93.866		-	6,270	Wake Forest University Health Sciences	5U24AG058556-03		6,270	-
Aging Research	93.866		-	11,450	Winifred Masterson Burke Medical Research	P01AG014930		11,450	-
Vision Research	93.867		2,315,886	-				2,315,886	168,794
Vision Research	93.867		-	44,426	University of Rochester	R01EY018363		44,426	-
Vision Research	93.867		-	87,906	Virginia Polytechnic Institute and State University	5R21EY033080-02		87,906	-
Medical Library Assistance	93.879		905,619	-				905,619	51,179
Medical Library Assistance	93.879		-	99	Stanford University	R01LM012966		99	-
Medical Library Assistance	93.879		-	17,925	University of Massachusetts	UG4LM012347		17,925	-
Medical Library Assistance	93.879		-	(27,186)	University of Pennsylvania	R01LM012607		(27,186)	-
Medical Library Assistance	93.879		-	42,886	Vanderbilt University Medical Center	R01LM012964		42,886	-
Medical Library Assistance	93.879		-	41,706	Washington University in St. Louis	5R01LM013096-04		41,706	-
International Research and Research Training	93.989		645,202	-				645,202	319,168
International Research and Research Training	93.989		-	101,645	GHSKIO Centers	D43TW011295		101,645	-
International Research and Research Training	93.989		-	26,567	Johns Hopkins University	R21TW012210		26,567	-
International Research and Research Training	93.989		-	9,793	Vanderbilt University	R25TW009337		9,793	9,793
International Research and Research Training	93.989		-	183,004	Vanderbilt University Medical Center	D43TW009337		183,004	-
<i>National Institutes Of Health Subtotal</i>			<u>327,046,523</u>	<u>47,949,997</u>				<u>374,996,520</u>	<u>50,721,821</u>
Department of Health and Human Services Total			<u>334,267,099</u>	<u>52,065,447</u>				<u>386,332,546</u>	<u>53,606,410</u>
Department of Homeland Security									
<i>Department Of Homeland Security</i>									
Department of Homeland Security, Other	97.RD	US001-0000765771	-	13,284	Research Institute At Nationwide Children's Hospital Inc.	US001-0000765771		13,284	-
<i>Federal Emergency Management Agency</i>									
Cooperating Technical Partners	97.045		16,590	-				16,590	-
Department of Homeland Security Total			<u>16,590</u>	<u>13,284</u>				<u>29,874</u>	<u>-</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
Agency for International Development									
<i>Agency For International Development</i>									
Agency for International Development, Other	98.RD	7200AA18C00070	-	167,807	JSI Research & Training Institute Inc	7200AA18C00070		167,807	-
COVID-19: Agency for International Development, Other	98.RD	7200AA19LE00003	-	(2)	Purdue University	7200AA19LE00003	COVID-19	(2)	-
USAID Foreign Assistance for Programs Overseas	98.001		5,057,347	-				5,057,347	2,513,982
USAID Foreign Assistance for Programs Overseas	98.001		-	33,088	Catholic Relief Services Inc	72DFFP19CA00006		33,088	-
USAID Foreign Assistance for Programs Overseas	98.001		-	2,559	Catholic Relief Services Inc	720BHA21CA00035		2,559	-
USAID Foreign Assistance for Programs Overseas	98.001		-	16,005	Centro Internacional de Mejoramiento de Maiz y Trigo	SIP-2020-018		16,005	-
USAID Foreign Assistance for Programs Overseas	98.001		-	114,102	Kansas State University	AID-OAA-LA-16-00003		114,102	-
USAID Foreign Assistance for Programs Overseas	98.001		-	93,304	Michigan State University	7200AA19LE00001		93,304	-
USAID Foreign Assistance for Programs Overseas	98.001		-	161,419	Purdue University	7200AA19LE00003		161,419	-
USAID Foreign Assistance for Programs Overseas	98.001		-	34,472	Tufts University	7200AA18CA00044		34,472	-
Agency for International Development Total			5,057,347	622,754				5,680,101	2,513,982
Research and Development Cluster Total			540,167,110	89,415,856				629,582,966	86,893,783
SNAP Cluster									
Department of Agriculture									
<i>Food And Nutrition Service</i>									
State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561		-	136,024	New York State Department of Agriculture and Markets	9112		136,024	9,664
SNAP Cluster Total			-	136,024				136,024	9,664
Economic Development Cluster									
Department of Commerce									
<i>Economic Development Administration</i>									
Economic Adjustment Assistance	11.307		-	117,511	Launch NY	ED21HDQ3070028		117,511	-
Economic Development Cluster Total			-	117,511				117,511	-
477 Cluster									
Department of Health and Human Services									
<i>Administration For Children And Families</i>									
Temporary Assistance for Needy Families	93.558		-	125,029	New York State Office of Children and Family Services	C027777		125,029	-
Child Care and Development Block Grant	93.575		70,868	-				70,868	13,633
477 Cluster Total			70,868	125,029				195,897	13,633
Fish and Wildlife Cluster									
Department of the Interior									
<i>U.S. Fish And Wildlife Service</i>									
Wildlife Restoration and Basic Hunter Education	15.611		-	20,296	Alabama Department of Conservation and Natural Resources	F20AP11554		20,296	-
Fish and Wildlife Cluster Total			-	20,296				20,296	-
Highway Planning and Construction Cluster									
Department of Transportation									
<i>Federal Highway Administration</i>									
Highway Planning and Construction	20.205		-	167,757	New York State Department of Transportation	C037911		167,757	-
Highway Planning and Construction	20.205		-	106,928	Rutgers The State University of New Jersey	PN22018		106,928	-
Highway Planning and Construction	20.205		-	(34,208)	Seaway Trail Inc	-		(34,208)	-
Highway Planning and Construction	20.205		-	28,439	The Research Foundation for the State University of New York College of Environmental Science and Forestry	-		28,439	-
Highway Planning and Construction	20.205		-	144,467	The Research Foundation of the City University of New York	C030793		144,467	(230)
Highway Planning and Construction	20.205		-	7,733	The Research Foundation of the City University of New York	C030794 & DTRT13-G-UTC32		7,733	-
Highway Planning and Construction Cluster Total			-	421,116				421,116	(230)

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
TRIO Cluster									
Department of Education									
<i>Office Of Postsecondary Education</i>									
TRIO Upward Bound	84.047		573,694	-				573,694	-
TRIO McNair Post-Baccalaureate Achievement	84.217		282,732	-				282,732	-
TRIO Cluster Total			<u>856,426</u>	<u>-</u>				<u>856,426</u>	<u>-</u>
Other Awards									
Department of Agriculture									
Department of Agriculture, Other	10.U01	141239	-	287,836	New York State Department of Agriculture and Markets	-		287,836	-
<i>Agricultural Marketing Service</i>									
Market Protection and Promotion	10.163		725,864	-				725,864	-
Wholesale Farmers and Alternative Market Development	10.164		72,971	-				72,971	33,312
Specialty Crop Block Grant Program - Farm Bill	10.170		-	9,914	New York State Department of Agriculture and Markets	AM180100XXXXG036		9,914	7,613
Specialty Crop Block Grant Program - Farm Bill	10.170		-	22,371	New York State Department of Agriculture and Markets	GRT		22,371	-
			<u>-</u>	<u>32,285</u>				<u>32,285</u>	<u>7,613</u>
Acer Access Development Program	10.174		355,651	-				355,651	-
Farmers Market and Local Food Promotion Program	10.175		-	13,398	Cornell Cooperative Extension Essex County	AM200100XXXXG142		13,398	-
<i>Agricultural Marketing Service Subtotal</i>			<u>1,154,486</u>	<u>45,683</u>				<u>1,200,169</u>	<u>40,925</u>
<i>Agricultural Research Service</i>									
Agricultural Research Basic and Applied Research	10.001		18,612	-				18,612	-
<i>Animal And Plant Health Inspection Service</i>									
Plant and Animal Disease, Pest Control, and Animal Care	10.025		294,050	-				294,050	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	34,027	New York State	-		34,027	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	(136)	New York State Department of Agriculture and Markets	AP20PPQFO000C486		(136)	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	(3,317)	New York State Department of Agriculture and Markets	AP20PPQFO000C266		(3,317)	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	53,833	New York State Department of Agriculture and Markets	AP21PPQFO000C466		53,833	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	14,350	New York State Department of Agriculture and Markets	AP21PPQFO000C465		14,350	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	9,749	New York State Department of Agriculture and Markets	AP21PPQFO000C465		9,749	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	9,999	New York State Department of Agriculture and Markets	AP21PPQFO000C502		9,999	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	28,938	New York State Department of Agriculture and Markets	AP21PQFO000C485		28,938	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	971	New York State Department of Agriculture and Markets	AP21VSSP000C016		971	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	7,078	New York State Department of Agriculture and Markets	AP20PPQFO000C268		7,078	-
Plant and Animal Disease, Pest Control, and Animal Care	10.025		-	132,484	New York State Department of Agriculture and Markets	AP21VSSPRS00C018/AP21VSS...		132,484	-
<i>Animal And Plant Health Inspection Service Subtotal</i>			<u>294,050</u>	<u>287,976</u>				<u>582,026</u>	<u>-</u>
<i>Food And Nutrition Service</i>									
WIC Farmers' Market Nutrition Program (FMNP)	10.572		-	24,249	New York State Department of Agriculture and Markets	-		24,249	-
WIC Farmers' Market Nutrition Program (FMNP)	10.572		-	12,516	New York State Department of Agriculture and Markets	LOA0430		12,516	-
WIC Farmers' Market Nutrition Program (FMNP)	10.572		-	59,948	New York State Department of Agriculture and Markets	CM04068AO		59,948	-
WIC Farmers' Market Nutrition Program (FMNP)	10.572		-	48,804	New York State Department of Agriculture and Markets	CM04068AM		48,804	-
			<u>-</u>	<u>145,517</u>				<u>145,517</u>	<u>-</u>
Farm to School Grant Program	10.575		-	3,611	New York State Department of Agriculture and Markets	CN-F2S-FY21-SA-NY		3,611	-
<i>Food And Nutrition Service Subtotal</i>			<u>-</u>	<u>149,128</u>				<u>149,128</u>	<u>-</u>

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Foreign Agricultural Service</i>									
Technical Agricultural Assistance	10.960		10,942	-				10,942	-
<i>Forest Service</i>									
Forest Health Protection	10.680		7,134	-				7,134	-
<i>National Agricultural Statistics Service</i>									
Agricultural Statistics Reports	10.950		209,457	-				209,457	-
<i>National Institute Of Food And Agriculture</i>									
Grants for Agricultural Research, Special Research Grants	10.200		-	1,290	University of Maryland Eastern Shore	2020-34383-32456		1,290	-
Payments to 1890 Land-Grant Colleges and Tuskegee University	10.205		-	502,015	New York State Department of Transportation	C037911		502,015	-
Sustainable Agriculture Research and Education	10.215		-	8,138	University of Maine	2018-38640-28415		8,138	-
Sustainable Agriculture Research and Education	10.215		-	36,294	University of Vermont	2018-38640-28415		36,294	-
Sustainable Agriculture Research and Education	10.215		-	72,004	University of Vermont	2020-38640-31520		72,004	-
			-	116,436				116,436	-
Higher Education - Institution Challenge Grants Program	10.217		58,398	-				58,398	5,201
Higher Education - Institution Challenge Grants Program	10.217		-	32,004	The Research Foundation for the State University of New York Cobleskill	2018-70003-27657		32,004	-
			58,398	32,004				90,402	5,201
Hispanic Serving Institutions Education Grants	10.223		-	5,198	University Of Puerto Rico	2020-38422-32237		5,198	-
Extension Collaborative on Immunization Teaching & Engagement	10.229		-	99,224	eXtension Foundation	2021-77041-34831		99,224	16,898
Agriculture and Food Research Initiative (AFRI)	10.310		3,110	-				3,110	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	575	Board of Regents of the University of Wisconsin System on Behalf of the University of Wisconsin-Madison	2021-68012-35917		575	-
Agriculture and Food Research Initiative (AFRI)	10.310		-	14,960	National 4-H Council	2021-67037-33376		14,960	-
			3,110	15,535				18,645	-
Beginning Farmer and Rancher Development Program	10.311		138,587	-				138,587	89,523
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		687	-				687	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	12,737	University of Vermont	2018-70020-28878		12,737	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	14,273	University of Vermont	2020-70020-32264		14,273	-
National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		-	10,366	University of Vermont	2020-70020-33003		10,366	-
			687	37,376				38,063	-
Crop Protection and Pest Management Competitive Grants Program	10.329		173,533	-				173,533	-
Veterinary Services Grant Program	10.336		-	9,208	Michigan State University	2018-70024-28817		9,208	-
Cooperative Extension Service	10.500		140,458	-				140,458	134,990
Cooperative Extension Service	10.500		-	68,863	Auburn University	2019-48770-30366		68,863	-
Cooperative Extension Service	10.500		-	267	Board of Regents of the University of Wisconsin System on Behalf of the University of Wisconsin-Madison	2019-46401-30330		267	-
Cooperative Extension Service	10.500		-	141,374	eXtension Foundation	2019-41595-30123		141,374	-
Cooperative Extension Service	10.500		-	193,262	University of Delaware	2018-70027-28588		193,262	12,581
			140,458	403,766				544,224	147,571
Smith-Lever Funding (Various Programs)	10.511		11,353,651	-				11,353,651	-
Expanded Food and Nutrition Education Program	10.514		3,412,457	-				3,412,457	-
Renewable Resources Extension Act and National Focus Fund Projects	10.515		67,669	-				67,669	-
Rural Health and Safety Education Competitive Grants Program	10.516		70,328	-				70,328	9,080
Farm and Ranch Stress Assistance Network Competitive Grants Program	10.525		-	226,100	New York State Department of Agriculture and Markets	2021-70035-35550		226,100	-
<i>National Institute Of Food And Agriculture Subtotal</i>			15,418,878	1,448,152				16,867,030	268,273

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
<i>Natural Resources Conservation Service</i>									
Soil and Water Conservation	10.902		46,440	-				46,440	-
<i>Rural Business Cooperative Service</i>									
Rural Energy for America Program	10.868		12,606	-				12,606	-
<i>Rural Utilities Service</i>									
Technical Assistance and Training Grants	10.761		-	13,945	Syracuse University	TAT FY2021		13,945	-
Solid Waste Management Grants	10.762		-	2,805	Syracuse University	TAT 2020-2021		2,805	-
<i>Rural Utilities Service Subtotal</i>			-	16,750				16,750	-
Department of Agriculture Total			17,172,605	2,235,525				19,408,130	309,198
<i>Department of Commerce</i>									
<i>Department Of Commerce</i>									
Cluster Grants	11.020		249,354	-				249,354	-
<i>Economic Development Administration</i>									
BUILD TO SCALE	11.024		38,215	-				38,215	-
Economic Development Technical Assistance	11.303		62,739	-				62,739	-
<i>National Oceanic And Atmospheric Administration</i>									
NOAA Mission-Related Education Awards	11.008		-	8,241	National Wildlife Federation	NA20SEC0080005		8,241	-
NOAA Mission-Related Education Awards	11.008		-	53,143	North American Association for Environmental Education	SDXQJ-A8VTX-QMXYZ-E50DD		53,143	23,034
			-	61,384				61,384	23,034
Integrated Ocean Observing System (IOOS)	11.012		-	5,716	Maracoos	-		5,716	-
Sea Grant Support	11.417		254,034	-				254,034	10,725
Sea Grant Support	11.417		-	39,428	Purdue University	NA20OAR4170343		39,428	-
					The Board of Trustees of the University of Illinois Office of Technology Management	NA19OAR4170391		1,937	-
Sea Grant Support	11.417		-	1,937	The Research Foundation for the State University of New York Stony Brook	NA18OAR4170353		30,509	26,253
Sea Grant Support	11.417		-	30,509	The Research Foundation for the State University of New York Stony Brook	NA18OAR4170096		1,056,467	-
Sea Grant Support	11.417		-	1,056,467	The Research Foundation for the State University of New York Stony Brook	NA22OAR4170096		197,394	-
Sea Grant Support	11.417		-	197,394	University of Connecticut	NA18OAR4170081		51,245	-
Sea Grant Support	11.417		-	51,245				1,631,014	36,978
Department of Commerce Total			604,342	1,444,080				2,048,422	60,012
Department of Justice									
<i>Office Of Justice Programs</i>									
Juvenile Mentoring Program	16.726		-	5,528	National 4-H Council	2019-MU-FX-0002		5,528	5,185
Juvenile Mentoring Program	16.726		-	26,699	National 4-H Council	2019-JY-FX-0026		26,699	25,078
Juvenile Mentoring Program	16.726		-	107,155	National 4-H Council	2020-JU-FX-0031		107,155	36,734
Juvenile Mentoring Program	16.726		-	52,342	National 4-H Council	2020-JY-FX-0024		52,342	12,268
Department of Justice Total			-	191,724				191,724	79,265
Department of Labor									
<i>Office Of Disability Employment Policy</i>									
Disability Employment Policy Development	17.720		2,441,237	-				2,441,237	1,112,043
Department of Labor Total			2,441,237	-				2,441,237	1,112,043
Department of State									
<i>Bureau Of Educational And Cultural</i>									
Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	19.010		-	(1,048)	Institute Of International Education Inc	SECAGD20CA0002		(1,048)	-
Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	19.010		-	264,438	Institute Of International Education Inc	SECAGD21CA3001		264,438	-
Department of State Total			-	263,390				263,390	-

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
National Endowment for the Arts									
<i>National Endowment For The Arts</i>									
Promotion of the Arts Grants to Organizations and Individuals	45.024		25,104	-				25,104	-
Promotion of the Arts Partnership Agreements	45.025		-	1,450	Mid Atlantic Arts Foundation	1863347-61-20		1,450	-
Promotion of the Arts Partnership Agreements	45.025		-	2,100	Mid Atlantic Arts Foundation	1886913-61-21		2,100	-
			-	3,550				3,550	-
<i>National Endowment For The Arts Subtotal</i>			25,104	3,550				28,654	-
<i>National Endowment For The Humanities</i>									
Promotion of the Humanities Division of Preservation and Access	45.149		18,249	-				18,249	-
Promotion of the Humanities Research	45.161		45,505	-				45,505	-
Promotion of the Humanities Office of Digital Humanities	45.169		27,102	-				27,102	1,824
Laura Bush 21st Century Librarian Program	45.313		-	16,479	Yale University	RE-36-19-0081-19		16,479	-
<i>National Endowment For The Humanities Subtotal</i>			90,856	16,479				107,335	1,824
National Endowment for the Arts Total			115,960	20,029				135,989	1,824
Environmental Protection Agency									
<i>Environmental Protection Agency</i>									
Long Island Sound Program	66.437		661,754	-				661,754	-
Geographic Programs - Great Lakes Restoration Initiative	66.469		-	4,635	New York State Department of Environmental Conservation	00E02829		4,635	-
Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.716		-	18,552	eXtension Foundation	83698001		18,552	-
National Environmental Education Training Program	66.950		-	75,091	North American Association for Environmental Education	NT-84019001		75,091	-
Environmental Protection Agency Total			661,754	98,278				760,032	-
Department of Energy									
<i>Department Of Energy</i>									
Department of Energy, Other	81.U02	DE-SC0012704	-	237,569	Brookhaven National Laboratory	DE-SC0012704		237,569	-
Department of Energy Total			-	237,569				237,569	-
Department of Education									
<i>Department Of Education</i>									
Department of Education, Other	84.U03	019-001	-	2,633,222	New York State Education Department	019-001		2,633,222	-
<i>Education</i>									
Disability Innovation Fund (DIF)	84.421		-	216,026	Department of Human Services Vocational Rehabilitation	H421C210026		216,026	-
COVID-19: Education Stabilization Fund-Student	84.425E		23,025,525	-			COVID-19	23,025,525	-
COVID-19: Education Stabilization Fund-Institutional	84.425F		27,606,634	-			COVID-19	27,606,634	-
<i>Education Subtotal</i>			50,632,159	216,026				50,848,185	-
<i>Office Of Postsecondary Education</i>									
National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program	84.015		1,293,526	-				1,293,526	304,905
<i>Office Of Special Education And Rehabilitative Services</i>									
					Adult Career and Continuing Education Services-Vocational				
Rehabilitation Services Vocational Rehabilitation Grants to States	84.126		-	319,590	Rehabilitation	H126A210047		319,590	-
Rehabilitation Services Vocational Rehabilitation Grants to States	84.126		-	444,657	New York State Education Department	018-010		444,657	-
Rehabilitation Services Vocational Rehabilitation Grants to States	84.126		-	7,734	Oregon Department of Human Services	Contract Number 172985		7,734	-
<i>Office Of Special Education And Rehabilitative Services Subtotal</i>			-	771,981				771,981	-
<i>Office Of Special Education And Rehabilitative Services</i>									
Rehabilitation Training Technical Assistance Centers	84.264J		-	99,881	San Diego State University Research Foundation	H264J200002		99,881	-
Special Education - State Personnel Development	84.323		-	146,819	New York State Education Department	H323A200006		146,819	-
<i>Office Of Special Education And Rehabilitative Services Subtotal</i>			-	246,700				246,700	-
Department of Education Total			51,925,685	3,867,929				55,793,614	304,905

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Cornell University

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2022

Federal Program	Assistance Listing Number	Additional Award Identification	Direct	Pass-Through	Pass-Through Entity	Pass-Through Entity Identifying Number	COVID-19	Total Expenditures	Passed to Sub-Recipients
National Archives and Records Administration									
National Archives And Records Administration									
National Historical Publications and Records Grants	89.003		-	(535)	University Of New Orleans	RM-100277-18		(535)	-
National Archives and Records Administration Total			-	(535)				(535)	-
Department of Health and Human Services									
<i>Administration For Children And Families</i>									
Affordable Care Act (ACA) Personal Responsibility Education Program	93.092		-	221,539	New York State Department of Health	DOH01-C33137GG-3450000		221,539	2,354
Title V State Sexual Risk Avoidance Education (Title V State SRAE) Program	93.235		-	429,966	New York State Department of Health	DOH01-C33137GG-3450000		429,966	4,568
Foster Care Title IV-E	93.658		-	37,046	New York State Office of Children and Family Services	C027777		37,046	-
Adoption Assistance	93.659		-	217,643	New York State Office of Children and Family Services	C027777		217,643	-
Adoption Assistance	93.659		-	345,153	New York State Office of Children and Family Services	C029270		345,153	-
			-	562,796				562,796	-
<i>Administration For Children And Families Subtotal</i>			-	1,251,347				1,251,347	6,921
<i>Administration For Community Living (Acl)</i>									
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		1,308,340	-				1,308,340	75,681
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		-	9,230	Independent Living Research Utilization Program	90DPAD001-04-00		9,230	-
<i>Administration For Community Living (Acl) Subtotal</i>			1,308,340	9,230				1,317,570	75,681
<i>Centers For Disease Control And Prevention</i>									
Immunization Research, Demonstration, Public Information and Education Training and Clinical Skills Improvement Projects	93.185		-	55,463	Albert Einstein College of Medicine Inc	6NU21IP000597-01		55,463	-
Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		-	324,743	Health Research Incorporated	6NU50CK000516-04-02		324,743	-
Affordable Care Act Program for Early Detection of Certain Medical Conditions Related to Environmental Health Hazards	93.534		-	153,594	Center for Asbestos Related Disease Inc	6 NU61TS000295-03-01		153,594	-
<i>Centers For Disease Control And Prevention Subtotal</i>			-	533,800				533,800	-
<i>Food And Drug Administration</i>									
Food and Drug Administration Research	93.103		681,251	-				681,251	-
Food and Drug Administration Research	93.103		-	(1,625)	New York State Department of Agriculture and Markets	5U18FD005906-02		(1,625)	-
Food and Drug Administration Research	93.103		-	21	New York State Department of Agriculture and Markets	5U18D005906-05		21	-
Food and Drug Administration Research	93.103		-	1,202	New York State Department of Agriculture and Markets	5U18FD005906-05		1,202	-
Food and Drug Administration Research	93.103		-	48,916	New York State Department of Agriculture and Markets	1U2FFD007434-01		48,916	-
<i>Food And Drug Administration Subtotal</i>			681,251	48,514				729,765	-
<i>Health Resources And Services Administration</i>									
COVID-19: Provider Relief Fund	93.498		13,652,574	-			COVID-19	13,652,574	-
Maternal and Child Health Services Block Grant to the States	93.994		-	289,813	New York State Department of Health	DOH01-C33137GG-3450000		289,813	3,079
<i>Health Resources And Services Administration Subtotal</i>			13,652,574	289,813				13,942,387	3,079
<i>Oash Immediate Office Of The Assistant Secretary For Health</i>									
Public Health Service Evaluation Funds	93.343		-	108,565	Family Health Centers at NYU Langone	90SR0110-01-00		108,565	-
<i>Substance Abuse And Mental Health Services Administration</i>									
Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243		520,947	-				520,947	-
Department of Health and Human Services Total			16,163,112	2,241,269				18,404,381	85,681
Department of Homeland Security									
<i>Federal Emergency Management Agency</i>									
Cooperating Technical Partners	97.045		111,333	-				111,333	-
Cooperating Technical Partners	97.045		-	11,637	City University of New York Brooklyn College	CM00006068-00		11,637	-
Department of Homeland Security Total			111,333	11,637				122,970	-
Other Awards Total									
			89,196,028	10,610,895				99,806,923	1,952,928
Total Federal Award Expenditures			\$ 791,644,144	\$ 100,846,727				\$ 892,490,871	\$ 88,869,778

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards.

Cornell University
Notes to the Schedule of Expenditures of Federal Awards
June 30, 2022

1. Significant Accounting Policies

The accompanying Schedule of Expenditures of Federal Awards (the “Schedule”) includes the federal grant, contract, and cooperative agreement activity of Cornell University (the “University”) and is presented on the accrual basis of accounting. Negative amounts represent current year adjustments of amounts reported in prior years. Assistance listing number and pass-through entity numbers are included when available. The information in the Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Awards (“Uniform Guidance”). Therefore, some amounts presented in this Schedule may differ from amounts presented in, or used in the preparation of, the consolidated financial statements.

2. Facilities and Administrative Costs

The University applies its predetermined approved facilities and administrative rate (“F&A”) when charging indirect costs to federal awards rather than the 10% de minimis cost rate as described in Section 200.414 of the Uniform Guidance.

Ithaca Campus: F&A cost rates for the Ithaca campus have been finalized through fiscal year 2026 as predetermined rates pursuant to the Department of Health and Human Services (“DHHS”) rate agreement dated June 30, 2022. Provisional rates have been established for fiscal year 2027 and beyond.

Weill Cornell Medicine: F&A cost rates for Weill Cornell Medicine (“WCM”) have been finalized through fiscal year 2021 as predetermined rates pursuant to the DHHS rate agreement dated August 4, 2021. Provisional rates have been established for fiscal year 2022 and beyond.

3. Student Loan Programs

The following federal student loan programs are administered directly by the University and balances and transactions relating to these programs are included in the University’s consolidated financial statements. Included within the Schedule are the loan beginning balances, new loans and administrative cost allowance from the Perkins Loan Program and Health Professions Student Loans. Included below are the loan balances at June 30, 2022.

	<u>Assistance Listing Number</u>	<u>Amount Outstanding</u>
Federal Perkins Loan Program	84.038	\$ 11,486,877
Health Professions Student Loan Program, including Primary Care Loans and Loans for Disadvantaged Students	93.342	<u>3,690,010</u>
Grand Total		<u>\$ 15,176,887</u>



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 Cornell 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 Cornell University and its subsidiaries (the "University"), which comprise the consolidated statement of financial position as of June 30, 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 October 17, 2022.

Report on Internal Control Over Financial Reporting

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

Report on Compliance and Other Matters

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

PricewaterhouseCoopers LLP

Fairport, New York
October 17, 2022



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 Cornell University

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Cornell University's (the "University") 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 University's major federal programs for the year ended June 30, 2022. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the University 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 June 30, 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 University 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 University'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 University'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 University'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 University'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 University'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 University'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 University'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.

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.

PricewaterhouseCoopers LLP

Fairport, New York
March 28, 2023

Cornell University
Schedule of Findings and Questioned Costs
Year Ended June 30, 2022

Section I – Summary of Auditor’s Results

Financial Statements

Type of auditors’ report issued:

Unmodified Opinion

Internal control over financial reporting:

- Material weakness(es) identified? _____ Yes X No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? _____ Yes X None reported
- Noncompliance material to financial statements noted? _____ Yes X No

Federal Awards

Internal control over major programs:

- Material weakness(es) identified? _____ Yes X No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? _____ Yes X None reported

Type of auditor’s report issued on compliance for major programs:

Unmodified Opinion

Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?

_____ Yes X No

Identification of major programs:

Assistance Listing Number(s) or Grantor ID No.

Name of Federal Program or Cluster

Various
84.425E and 84.425F
93.498
Various

Research and Development Cluster
COVID-19 Education Stabilization Fund
COVID-19 Provider Relief Fund
TRIO Cluster

Dollar threshold used to distinguish between Type A and Type B programs:

\$3,000,000

Auditee qualified as low-risk auditee?

 X Yes _____ No

Cornell University
Schedule of Findings and Questioned Costs
Year Ended June 30, 2022

Section II – Financial Statement Findings

None noted.

Section III – Federal Award Findings and Questioned Costs

None noted.

Cornell University

Summary Schedule of Prior Audit Findings and Status

Year Ended June 30, 2022

Finding Number: 2021 – 001 – Non-Compliance with Timely Roster Enrollment Reporting to the National Student Loan Data System (NSLDS)

Grantor: U.S. Department of Education

Program Name: Student Financial Assistance Cluster

Award Name: Federal Direct Loan Program

Award Year: Fiscal Year 2021

Award Number: Not applicable

Assistance Listing Number: 84.268

Condition:

PwC noted the following:

We reviewed the NSLDS Enrollment Reporting Summary Report (SCHER1) for Weill Cornell Medicine (“WCM”) noting three instances, out of a total population of six, in which the roster files were not returned on time. Of the three instances identified, two roster files were returned within 39 days and one roster file was never returned before the next roster file was made available by NSLDS.

Status:

The corrective action plan was underway as of 6/30/2022. As of this writing, the National Student Clearinghouse solution has been implemented by WCM.

WCM has had a series of working sessions with both the National Student Clearing house and the enrollment reporting team for the Ithaca campus. These sessions have facilitated addressing the changes necessary in the student information coding and internal business processes to start utilizing the NSC enrollment reporting service. The Ithaca enrollment team provided guidance on creating the enrollment and graduate reporting calendar for NSC.

During this time the Department of Education has been converting the NSLDS website, resulting in certain functionality being temporarily unavailable and certain reporting not possible. Due to the volatility of the NSLDS website, we have yet to develop a consistent monitoring policy relying on Department of Education data, however in response, Enrollment Compliance is receiving regular updates from WCM regarding the SSCR review status via monthly Audit and Enrollment Compliance meetings.