Vanderbilt University Report on Federal Awards in Accordance with the

Report on Federal Awards in Accordance with the OMB Uniform Guidance For the Year Ended June 30, 2024 EIN: 62-0476822



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Office of the Chancellor

Letter from Chancellor Daniel Diermeier

I am pleased to report that fiscal 2024 was another strong year for Vanderbilt. Indeed, our university is stronger than at any other time in its history.

As of year-end, our endowment, which Cornelius Vanderbilt established with his founding gift in 1873, now stands at \$10.2 billion, with a return of 9.2%. Among other programs, our endowment supports Opportunity Vanderbilt, our nationally recognized need-based, no-loan financial aid program, which now covers full tuition for admitted students of families whose annual income is \$150,000 or less. More broadly, our endowment supports faculty and students in a myriad of essential ways.

Vanderbilt also continues to enjoy generous philanthropic support from alumni and other donors. Our Dare to Grow fundraising campaign, the most ambitious in our history, continued to make substantial progress last year, with \$2.94 billion of its \$3.2 billion goal raised.

Our university's momentum continues to build in every respect. Today's Vanderbilt students are our most qualified ever and come from the broadest range of backgrounds. Our faculty are our most expert and accomplished and are concerned with addressing society's most urgent problems. Combined external research funding for Vanderbilt and Vanderbilt University Medical Center has exceeded \$1 billion. And our technology licensing continues to earn high levels of revenue as we translate basic research into applicable solutions.

We are proud of our accomplishments, but we are not satisfied. As we seek to boldly extend Vanderbilt's impact and reach, we are exploring opportunities to expand our presence in the U.S. and abroad. We are establishing our College of Connected Computing, our first new college in 43 years, to provide future students with essential skills in AI, data science and more. We are working closely with Nashville Mayor Freddie O'Connell and other partners to build Nashville's nascent innovation economy so that our faculty can more readily turn their ideas and discoveries into solutions available at scale. And through our Dialogue Vanderbilt initiative, we continue to embrace our long-held value of free expression and make Vanderbilt a model of civil discourse in a polarized time.

We do all of this grounded in our shared values and common purpose, with one overarching, ambitious aim: to make Vanderbilt the great university of the 21st century.

Daniel Diermeier Chancellor

Vanderbilt University Statistics

	 2023/2024	1	2022/2023	1	2021/2022	2020/2021	2	2019/2020
STUDENTS								
Undergraduate	7,152		7,151		7,111	7,057		6,886
Graduate and professional	 6,304		6,559		6,685	 6,480		6,245
Total fall enrollment	 13,456		13,710		13,796	 13,537		13,131
Undergraduate admissions								
Applied	45,313		46,377		47,152	36,646		37,310
Accepted	2,844		3,093		3,368	4,259		3,402
Enrolled	1,622		1,619		1,626	1,698		1,604
Selectivity	6.3%		6.7%		7.1%	11.6%		9.1%
Yield	57.0%		52.3%		48.3%	39.9%		47.1%
Degrees conferred								
Baccalaureate	1,855		1,820		1,715	1,712		1,691
Master's	1,634		1,797		1,674	1,459		1,512
M.D.	95		104		99	97		82
Other doctoral	769		796		735	671		568
Total degrees conferred	 4,353		4,517		4,223	 3,939		3,853
Undergraduate six-year graduation rate	93.5%		92.6%		92.6%	93.4%		92.6%
Undergraduate tuition	\$ 61,618	\$	58,130	\$	54,840	\$ 52,780	\$	50,800
% increase over prior year	6.0%		6.0%		3.9%	3.9%		4.5%
FACULTY AND STAFF ¹								
Full-time faculty	1,542		1,514		1,465	1,442		1,466
Full-time staff	4,879		4,700		4,362	3,937		4,555
Part-time faculty	299		282		271	298		324
Part-time staff	639		547		370	277		448
Total faculty and staff	 7,359		7,043		6,468	 5,954		6,793
GRANT AND CONTRACT FUNDING (in thousands)								
Government sponsors	\$ 209,597	\$	209,608	\$	181,007	\$ 188,306	\$	165,532
Private sponsors	32,949		31,454		22,540	31,551		30,199
Facilities and administrative costs recovery	77,062		75,241		68,277	64,709		62,233
Total grants and contracts	\$ 319,608	\$	316,303	\$	271,824	\$ 284,566	\$	257,964
ENDOWMENT								
Market value (in thousands)	\$ 10,247,728	\$	9,684,196	\$	10,206,068	\$ 10,928,512	\$	6,917,371
Endowment return	9.2%		-2.0%		-4.4%	57.1%		-0.1%
Endowment per student	\$ 761,573	\$	706,360	\$	739,785	\$ 807,307	\$	526,797
Endowment payout	4.7%		4.2%		3.5%	3.9%		4.7%

University ("VU") and vanderbill University Medical Center ("VUMC") became two separate legal entities. Vanderbill transferred clinical services operations, post-graduate training programs, and clinical department research activities, along with related assets and liabilities, to VUMC as a newly incorporated Tennessee not-for-profit corporation in exchange for \$1,230 million of consideration. In addition to the faculty employed by VU for all the years presented, some employees of VUMC held VU faculty appointments. These additional VUMC-employed, VU faculty comprised:

VUMC-employed, VU faculty appointments	2023/2024	2022/2023	2021/2022	2020/2021	2019/2020
Full-time	3,053	3,044	3,018	2,970	2,892
Part-time	118	184	160	104	101
Total	3,171	3,228	3,178	3,074	2,993



Financial Overview

FINANCIAL OVERVIEW

The university ended fiscal 2024 with \$154 million of net operating results compared with \$176 million in fiscal 2023. Vanderbilt's net assets without donor restrictions increased \$345 million from fiscal 2023 to 2024 primarily driven by investment returns.

OPERATING REVENUES

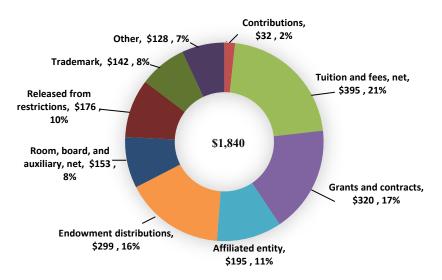
Vanderbilt's operating revenues without donor restrictions for the years ended June 30, 2024, and June 30, 2023, were as follows:

(in millions)	2024	2023
Tuition and educational fees, net	\$ 395	\$ 396
Government grants and contracts	210	210
Private grants and contracts	33	31
F&A costs recovery	77	75
Contributions	32	29
Endowment distributions	299	270
Room, board, and other auxiliary services, net	153	148
Trademark, license, and royalty revenue	142	174
Affiliated entity revenue	195	196
Other sources	128	116
Net assets released from restrictions	176	147
Total operating revenue	\$ 1,840	\$ 1,792

Operating revenues without donor restrictions increased \$48 million, or 3%, to \$1,840 million in fiscal 2024 from \$1,792 million in fiscal 2023. Endowment distributions increased by \$29 million due to growth in the endowment investment base. Vanderbilt calculates payouts based on the endowment spending policy. An increased number of expirations of donor restrictions on net assets for the passage of time and/or fulfilling donor-imposed stipulations resulted in an increase in net assets released from restrictions of \$29 million. Other sources increased by \$12 million as a result of higher interest rates and related investment income. These increases were offset by a decrease in trademark, license, and royalty revenue of \$32 million related to decreased royalty revenues associated with technology transfer.

Operating Revenues without Donor Restrictions by Type (Fiscal 2024)

(in millions)



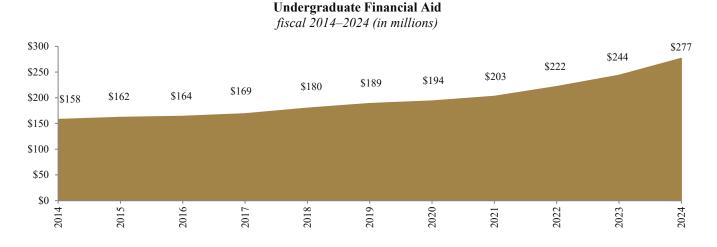
TUITION, ROOM, AND BOARD

Supporting Vanderbilt's commitment to student access and affordability, the university provides significant financial aid to students and their families. In fiscal 2024, Vanderbilt provided \$401 million in support to its students for tuition, room, and board as shown in the table below.

Student count	Und	ergraduate 7,152	Professional 3,925	Graduate 2,379	Total 13,456
(in millions)		7,152	5,725	2,577	15,450
Tuition and fees	\$	456	\$ 211	\$ 74	\$ 741
Financial aid ⁽¹⁾		(222)	(63)	(61)	(346)
Tuition and fees, net	\$	234	\$ 148	\$ 13	\$ 395
Room and board		114	-	-	114
Financial aid ⁽¹⁾		(55)	-	-	(55)
Room and board, net	\$	59	\$ -	\$ -	\$ 59
Total financial aid ⁽¹⁾	\$	277	\$ 63	\$ 61	\$ 401
Average financial aid per student ⁽²⁾	\$	39,000	\$ 16,000	\$ 26,000	\$ 30,000

¹ Financial aid excludes Pell Grants of \$8 million as these amounts represent agency funds.

² Rounded to the nearest thousand.



Vanderbilt expanded its undergraduate financial aid significantly over the past decade. In fiscal 2024, undergraduate aid as a percentage of gross tuition, room and board, and educational fees was 49%. Since fiscal 2014, undergraduate aid has grown by 75%. The university's Opportunity Vanderbilt no-loan initiative, which began in fiscal 2009, is crucial to this support. Through fiscal 2024, generous donors have committed, through gifts and pledges, \$616 million to support undergraduate financial aid. A portion of operations (\$177 million), endowment distributions and gifts (\$93 million), and external agencies (\$7 million) funded fiscal 2024 undergraduate aid (excludes Pell Grants of \$8 million).

GRANTS AND CONTRACTS

Direct grant revenue increased by \$2 million, or 1%, to \$243 million in fiscal 2024 from \$241 million in fiscal 2023. Government grants and contracts revenue remained consistent at \$210 million in fiscal 2024 and fiscal 2023. Private grants and contracts revenues increased \$2 million, or 6%, over the same period to \$33 million in fiscal 2024 from \$31 million in fiscal 2023, due to increased activity in various academic units related to new awards.

As shown in the following table, the largest source of direct government grant and contract revenue was the Department of Health and Human Services (primarily the National Institutes of Health, or NIH).

Grants and Contracts Revenues by Funding Source

(in millions)	2024	%	2023	%
Department of Health and Human Services	\$ 120	57%	\$ 111	53%
National Science Foundation	28	13%	24	11%
Department of Education	21	10%	16	8%
Department of Defense	14	7%	16	8%
Department of Homeland Security	-	0%	12	6%
Department of Energy	8	4%	9	4%
Other government agencies	19	9%	22	10%
Total government grants and contracts by funding source	\$ 210	100%	\$ 210	100%

Sponsored research and project awards represent research funding commitments not yet expended by Vanderbilt and include multiple-year grants and contracts from government sources, foundations, associations, and corporations. Such awards totaled \$301 million as of June 30, 2024, and 2023, as shown in the following table.

Sponsored Program Awards

(in millions)	2024	2023
Government awards	\$ 255 \$	263
Private awards	46	38
Total sponsored research and project awards	\$ 301 \$	301

PHILANTHROPY

Vanderbilt reports contributions revenue within the consolidated financial statements based on U.S. GAAP. This basis for measurement differs from guidelines established by the Council for Advancement and Support of Education (CASE). CASE guidelines focus on philan-thropic distributions of private resources (primarily gifts and foundation grants) to benefit the public.

GAAP to CASE Reconciliation

(in millions)	2024		2023
Contributions revenue			
Without donor restriction	\$ 32	\$	29
With donor restriction - time and purpose	14		77
With donor restriction – true endowment	72		60
Total contributions revenue	118	-	166
Total contributions for capital improvements	26		23
Total consolidated GAAP contributions revenue	\$ 144	\$	189
Net (increase) decrease in contributions receivable	\$ 7	\$	(61)
Grants and similar agreements meeting CASE guidelines (gifts per CASE standards)	20		14
Other	(3)		(5)
Total CASE reported gifts (cash basis)	\$ 168	\$	137

Vanderbilt reported \$144 million in consolidated contributions revenue, including pledges and contributions for capital improvements, which is \$45 million lower than the \$189 million fiscal 2023 level due to large contributions received in fiscal 2023 in support of the comprehensive campaign.

Consolidated Contributions (GAAP Basis)

(in millions)



Contributions for capital improvements

■ Without donor restrictions

■ With donor restriction – time and purpose

■ With donor restriction – true endowment

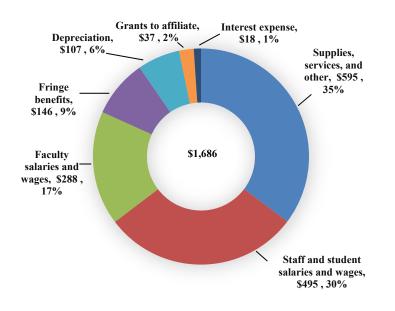
OPERATING EXPENSE

(in millions)	2024	2023
Salaries, wages, and benefits	\$ 929	\$ 833
Supplies, services, and other	595	630
Interest expense	18	21
Depreciation	107	101
Grants to affiliate	37	31
Total operating expenses	\$ 1,686	\$ 1,616

Consolidated operating expenses increased \$70 million to \$1,686 million in fiscal 2024 from \$1,616 million in fiscal 2023. The primary driver of this increase was a \$96 million increase in salaries, wages, and benefits as a result of headcount, and merit increases. The increases were offset by a decrease of \$35 million in supplies, services, and other expenses driven by a decrease in distributions for technology transfer and a decrease in professional services fees.

Operating Expenses by Type (Fiscal 2024)

(in millions)



OTHER CHANGES IN NET ASSETS WITHOUT DONOR RESTRICTIONS

(in millions)	2024	2023
Change in appreciation of endowment, net of distributions	\$ 246	\$ (367)
Change in appreciation of other investments, net of distributions	1	19
Capital contributions and releases from restriction	8	24
Nonoperating net asset reclassifications	1	-
Other nonoperating activity	(55)	-
Total changes from nonoperating	\$ 201	\$ (324)

Fiscal 2024 nonoperating activity primarily consisted of a change in appreciation of endowment, net of distributions of \$246 million, an increase of \$613 million compared with fiscal 2023. The change in value for the endowment resulted from a 9.2% investment return offset by 4.7% of the endowment utilized for distributions during fiscal 2024, compared to a -2.0% investment return and 4.2% of the endowment utilized for distributions during fiscal 2023. Change in appreciation of other investments, net of distributions, decreased \$18 million. As of June 30, 2023, \$175 million total notional of the original \$200 million notional Treasury Lock agreement entered into during fiscal 2022 to hedge a portion of a future debt issuance was terminated for \$56 million in total proceeds. The positive mark-to-market on the remaining \$25 million notional of the Treasury Lock was \$9 million in Vanderbilt's favor in fiscal 2023. In August 2023, Vanderbilt terminated the remaining \$25 million notional of the Treasury Lock for \$10 million in proceeds. In addition, releases from restrictions for capital contributions totaled \$8 million in fiscal 2024. Releases from restrictions for capital contributions occurred at the time the asset or building was placed into service and included \$3 million for housing projects, \$3 million related to athletics facilities, and \$2 million for the Owen Graduate School of Management renovations in fiscal 2024. Other nonoperating activity in fiscal 2024 includes \$55 million for a legal settlement related to a class action lawsuit in which Vanderbilt had been named a co-defendant along with sixteen other universities.

Noncontrolling Interests

Net assets related to noncontrolling interests decreased \$10 million to \$543 thousand in fiscal 2024 from \$10 million in fiscal 2023 due to distributions of \$8 million and a change in appreciation of investment of \$2 million during fiscal 2024.

SUMMARY OF FINANCIAL POSITION

Vanderbilt's summarized Statements of Financial Position as of June 30, 2024, and June 30, 2023, were as follows:

(in millions)	2024	 2023
ASSETS		
Cash and cash equivalents	\$ 806	\$ 937
Accounts and contributions receivable, net	279	267
Investments	10,523	10,048
Right of use assets	39	50
Property, plant, and equipment, net	2,098	1,817
Prepaid expenses and other assets	62	62
Total assets	\$ 13,807	\$ 13,181
LIABILITIES		
Payables and accrued liabilities	\$ 412	\$ 329
Deferred revenue	54	48
Deferred trademark revenue	1,750	1,797
Long-term debt and commercial paper	698	665
Securities sold short	532	579
Lease liabilities	41	52
Total liabilities	3,487	3,470
NET ASSETS		
Without donor restrictions	5,822	5,477
With donor restrictions	4,498	4,234
Total net assets	10,320	9,711
Total liabilities and net assets	\$ 13,807	\$ 13,181

Vanderbilt's assets increased \$626 million, or 5%, from fiscal 2023 to fiscal 2024. Investments increased \$475 million, or 5%, to \$10,523 million in fiscal 2024 from \$10,048 million in fiscal 2023. The endowment, net of securities sold short, returned 9.2%, and its value increased to \$10,248 million in fiscal 2024 from \$9,684 million in fiscal 2023 after the impact of distributions in support of operations and the addition of new gifts and quasi-endowments. Property, plant, and equipment, net, increased by \$281 million, or 15%, driven by \$378 million in additions, net, offset by \$97 million in accumulated depreciation. These increases are offset by a decrease in cash and cash equivalents of \$131 million, or 14%, from fiscal 2023 to fiscal 2024 primarily attributable to a shift of working capital investments with maturities over 90 days from cash and cash equivalents to short-term investments.

Total liabilities increased \$17 million from fiscal 2023 to fiscal 2024 primarily attributable to increased payables and accrued liabilities of \$83 million from fiscal 2023 to fiscal 2024. Long-term debt and commercial paper increased \$33 million, or 5%, to \$698 million in fiscal 2024 from \$665 million in fiscal 2023. These increases are offset by a decrease of \$47 million in deferred trademark revenue and a decrease of \$47 million in the fair value of securities sold short. The fair value of open short positions is recorded as a liability, \$532 million in fiscal 2024, and the university records an unrealized gain or loss to the extent of the difference between the proceeds received and the value of the open short position. By entering short sales, the university bears the market risk of increases in the value of the security sold short in excess of the proceeds received.

Cash and Liquidity

Vanderbilt continues to invest operating assets in a conservative, diversified manner to ensure adequate security and liquidity under a variety of stress scenarios. Investments, along with cash and cash equivalents, provide liquidity support for Vanderbilt's operations. Of these combined amounts, based on prevailing market conditions as of June 30, 2024, \$946 million of liquid assets were available on a same-day basis and an additional \$3,731 million was available within 30 days. This strong liquidity position contributes to the university's ability to satisfy potential liquidity risks. Vanderbilt maintains the highest short-term ratings from the major credit rating agencies.

To provide supplemental liquidity support, Vanderbilt maintains two separate lines of credit in the amounts of \$250 million and \$100 million with two different banks. These lines of credit may be drawn upon for any general use purpose.

Capital Expenditures

Maintaining the university's campus, which dates back to 1873, and investing in the university's capital assets are fundamental to achieving Vanderbilt's mission.

Over the past decade, Vanderbilt has focused increasingly on revitalizing the campus and student experience through the continued investment in infrastructure, athletics facilities, and residential colleges.

These investments serve to support FutureVU, Vanderbilt's land use planning initiative, the goal of which is to ensure the Vanderbilt University campus is designed and prepared at every level to support its students, faculty, and staff in their work each day to carry out the university's mission and values.

Capital Projects

(in millions)	2)24	2023
Infrastructure projects	\$	122	\$ 43
Athletics projects		106	37
Minor capital expenditures		71	39
Academic projects		42	41
Housing projects		37	59
Administrative support		19	40
Property acquisitions		5	35
Total capital projects	\$	402	\$ 294

During fiscal 2024, Vanderbilt University invested \$402 million in capital projects as compared to \$294 million in fiscal 2023. This enabled progress on several significant projects, including, but not limited to:

- Renovation of Kirkland Hall to transform the building into a welcoming, energetic, and innovative space that reflects the ideals espoused by the university;
- Continued extensive upgrades to utilities and other infrastructure in support of the Central Utilities Initiative;
- Renovations and additions to athletics facilities, including the basketball practice facility and visitor locker rooms and south end zone, that enhance the experience for student-athletes and fans;
- Continued expansion of the available space in the Engineering and Science Building that positions the School of Medicine, the College of Arts and Science, and the School of Engineering to build collaborations that grow and transform Vanderbilt's national and international reputation; and
- Continued expansion of the residential college program which contributes to the living and learning experience of upper-division students.

As capital projects conclude or new acquisitions occur during the fiscal year, capital asset balances increase. A total of \$125 million of completed projects and purchased property and equipment came into service during fiscal 2024.

The Board of Trust Executive Committee reviews the university's five-year capital plan annually; however, major capital projects are approved individually. The fiscal 2024–29 capital plan brings a continued focus on the academic strategic plan, including the student experience, through investments in new residential colleges, science buildings, acquisitions, infrastructure, and athletics.

ENDOWMENT

For fiscal 2024, Vanderbilt's endowment portfolio returned 9.2%. For the five years ending June 30, 2024, the endowment's annualized gain was 9.9%. The endowment ended fiscal 2024 with a total market value of \$10,248 million compared to \$9,684 million at the end of fiscal 2023. The difference between the investment return and change in absolute value of the endowment was attributable to the net impact of new endowment gifts, additions to institutional endowments (quasi-endowments), costs for managing the endowment (including internal management costs of \$21 million and endowment and other taxes of \$10 million) and the distribution of endowment funds to support university operations. During fiscal 2024, the university added \$150 million to the endowment portfolio through new gifts, recapitalizations, and additions to institutional endowments. Endowment distributions totaled \$463 million in fiscal 2024, compared to \$416 million in fiscal 2023. These distributions support the university's education, research, and public service missions.

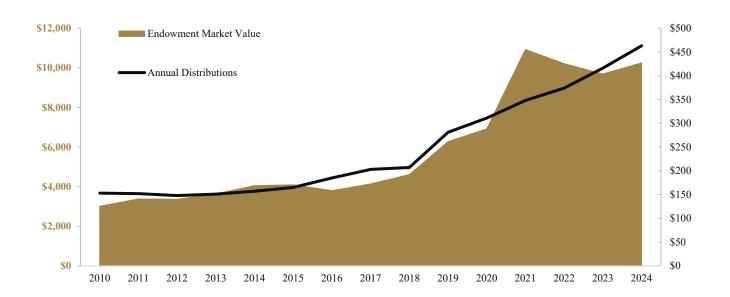
Global equity markets were strong for the second consecutive fiscal year across U.S. large caps (up 25%), U.S. small caps (up 10%), and non-U.S. developed markets (up 11%). Emerging markets generally benefited from a weakening dollar, with equities (ex-China) up 18%. Chinese equities, however, underperformed for the second consecutive fiscal year and were down 2% with ongoing concerns over geopolitical issues and economic growth. Dispersion in U.S. bond markets was quite wide, ranging from 12% losses in 20–30 year U.S. Treasury strips to 11% gains in U.S. leveraged loans. Commodity prices reversed course (up 15%, after losing 18% in the prior fiscal year). Precious metals led these gains, with gold and silver up 15% and 21%, respectively.

Global inflation moved closer to normalization during the fiscal year, but central bank policies are starting to diverge in response to country-specific differences. In the U.S. annualized inflation rates declined during the fiscal year, but absolute prices remain much higher than before the pandemic due to aggressive fiscal and monetary policy in response to that crisis. U.S. equity market concentration continued to increase in a handful of large U.S. technology companies. Artificial intelligence and machine learning continue to offer unknown opportunities across the economy and the potential to impact our daily lives.

In fiscal 2025, markets certainly face increasing headwinds. U.S. equity valuations are increasingly elevated. The U.S. Federal Reserve's future actions on monetary policy are uncertain. European markets face ongoing uncertainty regarding the Russia/Ukraine war and the outcomes of elections. Geopolitical tensions between the U.S. and China, the world's two largest economies, represent an ongoing risk to the global capital markets. Times of uncertainty often lead to volatility and temporary market dislocations. Vanderbilt's endowment is poised to take advantage of such market opportunities through the combination of a strong asset base and partnerships with some of the world's best investment managers across all major asset classes.

Endowment Market Value and Annual Distributions





Endowment Asset Allocation

As of June 30, 2024 (% of portfolio)	Allocation
Global equities	18%
Hedged strategies	20%
Commodities	2%
Fixed income	9%
Public real estate	2%
Cash and cash equivalents	4%
Total public investments	55%
Private capital	36%
Real estate	3%
Natural resources	6%
Total nonmarketable	45%
Total endowment	100%

LOOKING FORWARD

Vanderbilt is forging a bold and distinct strategic path to address burgeoning research and educational opportunities, including increasing demand for expertise in computing-related fields. Vanderbilt has begun work to establish a transformative college dedicated to computer science, AI, data science and related fields. In addition to meeting the growing demand for degrees in technological fields and advancing research in rapidly evolving, computing-related disciplines, the new, interdisciplinary college will collaborate with all of Vanderbilt's schools and colleges to advance breakthrough discoveries and strengthen computing education through a "computing for all" approach. It will be the first new college at Vanderbilt since the university and the Blair School of Music merged in 1981.

Vanderbilt believes that cost should never be a barrier to a world-class education. As such, Vanderbilt University is expanding Opportunity Vanderbilt, its nationally recognized no-loan financial aid program, by offering full-tuition scholarships to admitted students of families whose annual income is \$150,000 or less. Opportunity Vanderbilt has been a significant part of Vanderbilt's upward trajectory, contributing to student diversity, academic excellence and alumni philanthropy.

Further, the university launched Dialogue Vanderbilt, its core initiative to bridge divides, reestablish a vibrant culture of civil discourse and free expression, and showcase experts from on campus and around the world. During fiscal 2024, Dialogue Vanderbilt engaged in a wide range of topics and activities. These distinct, but interconnected, programs explored the definition and boundaries of free speech domestically and globally. The program brought a myriad of policymakers, nonprofit, corporate and faith leaders, journalists, academics and others to campus to model civil discourse on a range of challenging topics and mentor our students during and after their visits. These individuals provided our faculty and students with tools and opportunities to roll up their sleeves and practice civil discourse across difference through innovative instruction, debate and other unique experiences. At the center of Dialogue Vanderbilt are our students.

Vanderbilt's momentum continues to extend the university's impact while never losing focus on the core missions of education and research. Vanderbilt's strong results of operations and net asset position allow the university to continue to support students, faculty, staff, and the community of Nashville and beyond while simultaneously investing in growth and expansion to prepare the path for future generations.

Vanderbilt's audited financial statements and other key financial metrics for fiscal 2024 are included in the following pages.



Consolidated Financial Statements



Report of Independent Auditors

To the Board of Trust of Vanderbilt University

Report on the Audit of the Consolidated Financial Statements

Opinion

We have audited the accompanying consolidated financial statements of Vanderbilt University and its subsidiaries (the "University"), which comprise the consolidated statements of financial position as of June 30, 2024 and 2023, and the related consolidated statements of activities and of cash flows for the years then ended, including the related notes (collectively referred to as the "consolidated financial statements").

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the financial position of the University as of June 30, 2024 and 2023, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are required to be independent of the 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.

Responsibilities of Management for the Consolidated Financial Statements

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

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



Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

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

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

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the 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, 2024 is 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 is 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 is fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.

Other Information

Management is responsible for the other information included in the annual report. The other information comprises the Letter from Chancellor Daniel Diermeier, Vanderbilt University Statistics, and the Financial Overview, but does not include the consolidated financial statements and our auditors' report thereon. Our opinion on the consolidated financial statements does not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the consolidated financial statements or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated September 30, 2024, 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, 2024. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting 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.

Trice waterhouse Coopers LLP

Nashville, Tennessee September 30, 2024

Vanderbilt University Consolidated Statements of Financial Position

As of June 30, 2024 and June 30, 2023 (in thousands)

	June 2024			June 2023			
ASSETS							
Cash and cash equivalents	\$	805,431	\$	937,070			
Accounts receivable, net		120,329		101,503			
Prepaid expenses and other assets		18,942		14,331			
Contributions receivable, net		158,737		165,559			
Student loans and other notes receivable, net		16,285		17,918			
Investments		10,523,010		10,037,569			
Investments allocable to noncontrolling interests		543		10,444			
Right-of-use assets		38,765		49,602			
Property, plant, and equipment, net		2,098,441		1,817,056			
Interests in trusts held by others		26,727		30,071			
Total assets	\$	13,807,210	\$	13,181,123			
LIABILITIES							
Accounts payable and accrued liabilities	\$	249,401	\$	202,895			
Accrued compensation and withholdings		114,445		81,471			
Deferred revenue		53,715		47,803			
Deferred trademark revenue		1,750,330		1,796,712			
Actuarial liabilities		32,630		30,614			
Government advances for student loans		14,890		15,502			
Commercial paper and other short-term debt		100,000		49,688			
Long-term debt		598,410		614,660			
Fair value of securities sold short		531,860		579,171			
Lease liabilities		41,015		52,027			
Total liabilities		3,486,696		3,470,543			
NET ASSETS							
Without donor restrictions, controlled by Vanderbilt		5,822,342		5,466,592			
Without donor restrictions, related to noncontrolling interests		5,822,542 543		5,400,592 10,444			
Total net assets without donor restrictions		5,822,885		5,477,036			
With donor restrictions		4,497,629		4,233,544			
Total net assets		10,320,514		<u>4,255,544</u> 9,710,580			
Total liabilities and net assets	\$	13,807,210	\$	13,181,123			

Vanderbilt University Consolidated Statement of Activities

Year Ended June 30, 2024 (in thousands)

		Without	W	ith Donor		
	Don	or Restriction	R	Restriction		Total
REVENUES AND OTHER SUPPORT						
Tuition and educational fees, net	\$	395,433	\$	-	\$	395,433
Grants and contracts:						
Government sponsors		209,597		-		209,597
Private sponsors		32,949		-		32,949
Facilities and administrative costs recovery		77,062		-		77,062
Total grants and contracts		319,608		-		319,608
Contributions		31,804		85,953		117,757
Endowment distributions		298,712		164,520		463,232
Room, board, and other auxiliary services, net		153,178		-		153,178
Trademark, license, and royalty revenue		142,823		-		142,823
Affiliated entity revenue		194,610		-		194,610
Other sources		127,732		5,109		132,841
Net assets released from restrictions		175,812		(175,812)		-
Total revenues and other support		1,839,712		79,770		1,919,482
EXPENSES						
Salaries, wages, and benefits		929,267		-		929,267
Supplies, services, and other		594,992		-		594,992
Interest expense		17,495		-		17,495
Depreciation		107,191		-		107,191
Grants to affiliate		36,564		-		36,564
Total expenses		1,685,509		-		1,685,509
Results of operations		154,203				
OTHER CHANGES IN NET ASSETS						
Change in appreciation of endowment, net of distributions		245,637		168,498		414,135
Change in appreciation of other investments, net of distributions		1,186		-		1,186
Contributions for capital improvements		-		25,503		25,503
Net assets released from restrictions for capital improvements		8,527		(8,527)		-
Nonoperating net asset reclassifications		1,159		(1,159)		-
Other nonoperating activity		(54,962)		-		(54,962)
Total other changes in net assets		201,547		184,315		385,862
Changes in net assets controlled by Vanderbilt		355,750		264,085		619,835
Changes in net assets related to noncontrolling interests		(9,901)		-		(9,901)
Total changes in net assets	\$	345,849	\$	264,085	\$	609,934
Net assets, June 30, 2023	\$	5,477,036	\$	4,233,544	\$	9,710,580
Net assets, June 30, 2024	\$	5,822,885	\$	4,497,629	\$	10,320,514

Vanderbilt University Consolidated Statement of Activities

Year Ended June 30, 2023 (in thousands)

		2023				
		Without	W	ith Donor		
	Done	or Restriction	F	Restriction		Total
REVENUES AND OTHER SUPPORT						
Tuition and educational fees, net	\$	395,983	\$	-	\$	395,983
Grants and contracts:						
Government sponsors		209,608		-		209,608
Private sponsors		31,454		-		31,454
Facilities and administrative costs recovery		75,241		-		75,241
Total grants and contracts		316,303		-		316,303
Contributions		28,963		136,416		165,379
Endowment distributions		269,705		146,345		416,050
Room, board, and other auxiliary services, net		148,124		-		148,124
Trademark, license, and royalty revenue		173,974		-		173,974
Affiliated entity revenue		195,411		-		195,411
Other sources		116,245		(1,342)		114,903
Net assets released from restrictions		147,104		(147,104)		-
Total revenues and other support		1,791,812		134,315		1,926,127
EXPENSES						
Salaries, wages, and benefits		832,612		-		832,612
Supplies, services, and other		630,222		-		630,222
Interest expense		20,820		-		20,820
Depreciation		101,355		-		101,355
Grants to affiliate		30,845		-		30,845
Total expenses		1,615,854		-		1,615,854
Results of operations		175,958				
OTHER CHANGES IN NET ASSETS						
Change in appreciation of endowment, net of distributions		(366,394)		(246,798)		(613,192)
Change in appreciation of other investments, net of distributions		18,580		-		18,580
Contributions for capital improvements		-		23,041		23,041
Net assets released from restrictions for capital improvements		23,795		(23,795)		-
Nonoperating net asset reclassifications		(248)		248		-
Other nonoperating activity		31	_		_	31
Total other changes in net assets		(324,236)		(247,304)		(571,540)
Changes in net assets controlled by Vanderbilt		(148,278)		(112,989)		(261,267)
Changes in net assets related to noncontrolling interests		(6,617)		-		(6,617)
Total changes in net assets	\$	(154,895)	\$	(112,989)	\$	(267,884)
Net assets, June 30, 2022	\$	5,631,931	\$	4,346,533	\$	9,978,464
Net assets, June 30, 2023	\$	5,477,036	\$	4,233,544	\$	9,710,580

Vanderbilt University Consolidated Statements of Cash Flows

Years Ended June 30, 2024 and 2023 (in thousands)

Teurs Ended Sune 50, 2024 and 2025 (in mousands)	2024		2023			
CASH FLOWS FROM OPERATING ACTIVITIES	¢	(00.024	¢	(2(7.00.4)		
Change in total net assets	\$	609,934	\$	(267,884)		
Adjustments to reconcile change in total net assets to net cash provided by (used in) operating activities:						
		0.001		6,617		
Change in net assets related to noncontrolling interests		9,901		-		
Realized and unrealized (gain) loss on investments, net		(843,790)		336,342		
Contributions for capital improvements and endowment		(59,929)		(40,251)		
Contributions of donated securities		(28,565)		(26,624)		
Proceeds from sale of donated securities		4,068		7,514		
Depreciation		107,191		101,355		
Amortization of bond discounts and premiums		(125)		41		
Amortization of right-of-use assets		13,694		13,930		
Loss from disposals of property, plant, and equipment		563		867		
Change in:		(10.00)		12 205		
Accounts receivable, net		(18,826)		13,297		
Prepaid expenses and other assets		(4,611)		592		
Contributions receivable, net		6,822		(59,991)		
Interests in trusts held by others		3,367		1,060		
Accounts payable and accrued liabilities, net of nonoperating items		3,981		(20,256)		
Accrued compensation and withholdings		32,974		(8,454)		
Deferred revenue		5,912		(978)		
Deferred trademark revenue		(46,382)		(44,898)		
Actuarial liabilities		2,016		(5,694)		
Lease liabilities		(13,870)		(14,012)		
Net cash (used in) operating activities		(215,675)		(7,427)		
CASH FLOWS FROM INVESTING ACTIVITIES						
Purchases of investments		(5,718,269)		(6,256,125)		
Proceeds from sales of investments		5,965,603		5,931,958		
Purchases of investments allocable to noncontrolling interests		-		(55)		
Proceeds from sales of investments allocable to noncontrolling interests		7,520		7,340		
Acquisitions of property, plant, and equipment		(346,614)		(264,376)		
Student loans and other notes receivable disbursed		(2,288)		(2,805)		
Principal collected on student loans and other notes receivable		3,921		2,813		
Net cash (used in) investing activities		(90,127)		(581,250)		
CASH FLOWS FROM FINANCING ACTIVITIES						
Contributions for capital improvements and endowment		59,929		40,251		
Change in government advances for student loans		(612)		(1,268)		
Principal payments of debt		(40,814)		(58,612)		
Proceeds from new debt issuances		75,000		49,688		
Proceeds from sale of donated securities restricted for capital improvements and endowment		24,497		19,110		
Proceeds from noncontrolling interests in investment partnerships		-		55		
Payments to noncontrolling interests in investment partnerships		(7,520)		(7,340)		
Net cash provided by financing activities		110,480		41,884		
Net decrease in cash, cash equivalents, and restricted cash		(195,322)		(546,793)		
Cash and cash equivalents and restricted cash at beginning of year	\$	1,553,843	\$	2,100,636		
Cash and cash equivalents and restricted cash at end of year	\$	1,358,521	\$	1,553,843		
Supplemental disclosure of cash flow information:						
Cash paid for interest	\$	22,534	\$	21,055		
Accrued liabilities related to additions of property, plant, and equipment	\$	104,079	\$	61,534		

Vanderbilt University Notes to the Consolidated Financial Statements

1. ORGANIZATION

The Vanderbilt University ("Vanderbilt" or the "university") is a private, coeducational, not-for-profit, nonsectarian institution located in Nashville, Tennessee. Founded in 1873, Vanderbilt owns and operates educational and research facilities as part of its mission to be a leading center for informed and creative teaching, scholarly research, and public service. Vanderbilt provides educational services to approximately 7,100 undergraduate and 6,300 graduate and professional students enrolled across its 10 schools and colleges.

The consolidated financial statements include the accounts of all entities in which Vanderbilt has a significant financial interest and over which Vanderbilt has control.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

The consolidated financial statements have been prepared on the accrual basis in accordance with U.S. generally accepted accounting principles ("GAAP"). Vanderbilt eliminates all material intercompany accounts and transactions in consolidation.

Net Asset Classifications

Based on the existence or absence of donor-imposed restrictions, Vanderbilt classifies resources into two categories: without donor restrictions and with donor restrictions.

Net assets without donor restrictions are free of donor-imposed restrictions. This classification includes all revenues, gains, and losses not restricted by donors. Vanderbilt reports all expenses as decreases in net assets without donor restrictions.

Net assets with donor restrictions are subject to donor-imposed restrictions that will be met by either actions of Vanderbilt or the passage of time. These net assets may include unconditional pledges, split-interest agreements, interests in trusts held by others, and donor-restricted endowments. Generally, the donor-imposed restrictions of these assets permit Vanderbilt to use a portion of the income earned on related investments for specific purposes.

Vanderbilt reports expirations of donor restrictions on net assets (i.e., the passage of time and/or fulfillment of donor-imposed stipulations) as net assets released from restrictions between the applicable net asset classes in the consolidated statements of activities.

Cash and Cash Equivalents

Cash and cash equivalents are liquid assets with minimal interest rate risk and maturities of three months or less when purchased. Such assets, reported at fair value, primarily consist of depository account balances, money market funds, and short-term U.S. Treasury securities. Cash designated for investment is included within investments in the accompanying consolidated statements of financial position.

The following table provides a reconciliation of cash and cash equivalents and restricted cash reported within the consolidated statements of financial position that correspond to the amounts reported in the consolidated statements of cash flows.

	2024	2023
Cash and cash equivalents	\$ 805,431	\$ 937,070
Cash included in investments	553,090	616,773
Total cash and cash equivalents and restricted cash shown in the consolidated statements of cash flows	\$ 1,358,521	\$ 1,553,843

Prepaid Expenses and Other Assets

Prepaid expenses and other assets primarily represent prepaid expenses and other segregated investment-related assets managed by third parties related to a legacy deferred compensation program that are earmarked to ultimately settle certain liabilities recorded in accrued payroll and withholdings. Vanderbilt excludes this latter group of assets, reported at fair value, from the investments category.

Fair Value Measurements

Fair value measurements represent the price received to sell an asset or price paid to transfer a liability in an orderly transaction between market participants at the measurement date. GAAP provides a hierarchy for fair value measurements based on the observable inputs to the valuation of an asset or liability at the measurement date. Inputs to the valuation techniques used are prioritized to measure fair value by giving the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to measurements involving significant unobservable inputs (Level 3 measurements).

Vanderbilt gives consideration to certain investment funds that do not have readily determinable fair values, including private investments, hedge funds, real estate, and other funds. Vanderbilt elected the practical expedient, which allows for the use of net asset value per share or its equivalent in estimating the fair value of interests in investment companies for which a readily determinable fair value is not available. Vanderbilt reports these assets separately from the fair value hierarchy in Note 12.

Investments

Vanderbilt reports investments at fair value using the three-level hierarchy established under GAAP. After review and evaluation, Vanderbilt utilizes estimates provided by fund managers for certain alternative investments, mainly investments in limited partnerships where a ready market for the investments does not exist.

Vanderbilt has exposure to a number of risks, including liquidity, interest rate, counterparty, basis, tax, regulatory, market, and credit risks for both marketable and nonmarketable securities. Due to the level of risk exposure, it is possible that near-term valuation changes for investment securities will occur to an extent that could materially affect the amounts reported in Vanderbilt's financial statements.

Vanderbilt sometimes uses derivatives to manage investment market risks and exposure. The consolidated financial statements contain derivatives, which consist of both internally managed transactions and those entered into through external investment managers, at fair value. The most common instruments utilized are futures contracts and hedges against currency risk for investments denominated in currencies other than U.S. dollars. For internally managed transactions, Vanderbilt utilizes futures contracts with durations of less than three months.

Vanderbilt records purchases and sales of securities on the trade dates, and realized gains and losses are determined based on the average historical cost of the securities sold. Vanderbilt reports net receivables and payables arising from unsettled trades as a component of investments.

Unless donor-restricted endowment gift agreements require separate investment, Vanderbilt manages all endowment investments as an investment pool.

Investments Allocable to Noncontrolling Interests and Net Assets Related to Noncontrolling Interests

Vanderbilt reports the respective assets for entities in which other organizations are minority equity participants at fair value as investments allocable to noncontrolling interests on the consolidated statements of financial position.

The balance representing such organizations' minority or noncontrolling interests is recorded based on contractual provisions, which represent an estimate of a settlement value assuming the entity was liquidated in an orderly fashion as of the report date.

Leases

Vanderbilt determines if an arrangement is or contains a lease at inception. Vanderbilt has both leases under which it is obligated as a lessee and leases for which it is a lessor. Operating leases in which Vanderbilt is a lessee are included in right-of-use assets and lease liabilities on the consolidated statements of financial position. These assets and liabilities are initially recognized based on the present value of the future minimum lease payments over the lease term at commencement date discounted using an appropriate incremental borrowing rate. Options to extend or terminate a lease are included in the amount recognized to the extent that Vanderbilt is reasonably certain to exercise those options. Lease expense for lease payments is recognized on a straight-line basis over the lease term. Variable lease payments based on an index or rate, such as the consumer price index, are initially measured using the index or rate in effect at lease commencement. Rental revenue arising from operating leases in which Vanderbilt is a lessor is included in room, board, and other auxiliary services, net, in the consolidated statements of activities.

Vanderbilt has elected the short-term lease exception under ASU 2016-02, Leases (ASC Topic 842) for all leases, and therefore, leases with an initial term of 12 months or less are not included on the consolidated statements of financial position.

Split-Interest Agreements and Interests in Trusts Held by Others

Vanderbilt's split-interest agreements with donors consist primarily of irrevocable charitable remainder trusts, charitable gift annuities, and life income funds for which Vanderbilt serves as trustee. Vanderbilt reports assets held in these trusts in investments at fair value. Vanderbilt recognizes contribution revenue at the dates the trusts are established, net of the liabilities for the present value of the estimated future payments to the donors and/or other beneficiaries. Annually, Vanderbilt records the change in fair value of split-interest agreements based on the assets that are associated with each trust and recalculates the liability for the present value of the estimated future payments to the donors and/or other beneficiaries.

Vanderbilt is also the beneficiary of certain trusts held and administered by others. Vanderbilt records its share of these trust assets at fair value as interests in trusts held by others with any resulting gains or losses reported as investment income with donor restrictions.

Property, Plant, and Equipment

Purchased property, plant, and equipment, recorded at cost, includes, where appropriate, capitalized interest on construction financing. Vanderbilt capitalizes donated assets at fair value on the date of donation, expenses repairs and maintenance costs as incurred, and expenses additions to the fine art and library collections at the time of purchase.

Vanderbilt calculates depreciation using the straight-line method to allocate the cost of various classes of assets over their estimated useful lives. Vanderbilt follows the half-year convention to calculate depreciation associated with construction-related assets (e.g., land improvements, buildings, leasehold improvements, and fixed equipment). Under the half-year convention, Vanderbilt treats fixed assets constructed during the year as if placed in service on January 1, regardless of in-service date. All other purchased assets (e.g., moveable equipment) begin depreciation on the in-service date. Vanderbilt removes property, plant, and equipment from the accounting records upon disposal.

Conditional asset retirement obligations related to legal requirements to perform certain future activities associated with the retirement, disposal, or abandonment of assets are accrued utilizing site-specific surveys to estimate the net present value for applicable future costs (e.g., asbestos abatement or removal).

Vanderbilt reviews long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Vanderbilt recognizes an impairment charge when the fair value of the asset or group of assets is less than the carrying value.

Debt Portfolio Financial Instruments

Vanderbilt reports long-term debt at carrying value. The carrying value of Vanderbilt's debt is the par amount adjusted for the net unamortized amount of bond premiums and/or discounts.

Contributions

Vanderbilt recognizes unconditional promises to give (pledges) as contribution revenue upon receipt of a commitment from the donor, with payments due in future periods reported as increases in net assets with donor restrictions at the estimated present value of future cash flows. Vanderbilt recognizes pledges net of an allowance for amounts estimated to be uncollectible based upon past collection experience and other judgmental factors.

Vanderbilt records contributions with donor-imposed restrictions as net assets without donor restrictions revenue if the university receives the contribution and meets the restrictions in the same reporting period. Otherwise, Vanderbilt records contributions with donor-imposed restrictions as increases in net assets with donor restrictions.

After meeting donor stipulations, Vanderbilt releases contributions from restriction and recognizes these contributions as net assets without donor restrictions. Vanderbilt releases from restrictions contributions for capital improvements and recognizes these contributions as nonoperating net assets released from restrictions for capital improvements when the related asset is placed in service.

In contrast to unconditional promises, Vanderbilt does not record conditional promises (primarily bequest intentions and conditional grants) until the university meets donor stipulations.

Measure of Operations

The university's measure of operations, the change in net assets without donor restriction from operating activity, as presented in the consolidated statements of activities, includes revenue from tuition and fees (net of financial aid), grants and contracts, trademark revenue, revenue from affiliates, contributions for operating programs, endowment distributions in support of operations, and other revenues. Vanderbilt reports operating expenses on the consolidated statements of activities by natural classification.

The university's nonoperating activity within the consolidated statements of activities includes endowment and other investment returns, contributions for capital improvements, and other nonrecurring items.

Income Taxes

Vanderbilt is a tax-exempt organization as described in Section 501(c)(3) of the Internal Revenue Code ("the Code") and generally is exempt from federal income taxes on related income pursuant to Section 501(a) of the Code. Vanderbilt is, however, subject to federal and state income tax on unrelated business income, and provision for such taxes is included in the accompanying consolidated financial statements. Vanderbilt regularly evaluates its tax position and does not believe it has any material uncertain tax positions that require disclosure or adjustment to the consolidated financial statements.

The Tax Cuts and Jobs Act ("TCJA") impacts Vanderbilt in several ways, including imposing excise taxes on certain excess compensation and net investment income, and establishing rules for calculating unrelated business taxable income. Vanderbilt has reflected the tax assets, liabilities, and payables in the consolidated financial statements based on reasonable estimates.

Use of Estimates

The preparation of financial statements requires the use of estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses during the reporting period as well as the disclosure of contingent assets and liabilities. Actual results could differ from these estimates.

Newly Adopted Accounting Standards

On July 1, 2023, Vanderbilt adopted ASU 2016-13, Financial Instruments – Credit Losses (Topic 326) Measurement of Credit Losses on Financial Statements. ASU 2016-13 introduces an approach based on expected losses to estimate credit losses on certain types of financial instruments. The amendments of ASU 2016-13 are intended to provide financial statement users with more decision-useful information related to expected credit losses on financial instruments and other commitments to extend credit by replacing the current incurred loss impairment methodology with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to determine credit loss estimates. The adoption of this ASU did not materially impact the consolidated financial statements and related disclosures.

3. LIQUIDITY AND AVAILABILITY

Financial assets available for general expenditure within one year of June 30 were as follows (in thousands):

Financial assets available within one year	\$ 1,154,720	\$ 1,184,632
Student loans and other notes receivable, net	16,285	17,918
Annuities, trusts and other illiquid investments ¹	22,394	31,333
Interests in trusts held by others and investments allocable to minority interests	27,270	40,515
Contributions receivable, greater than one year	92,759	95,059
Endowment funds, including institutional endowments	10,337,634	9,930,677
Less assets unavailable for general expenditure within one year:		
Right-of-use assets	38,765	49,602
Prepaid expenses and other assets	18,942	14,331
Property, plant, and equipment, net	2,098,441	1,817,056
Less nonfinancial assets:		
Total assets	\$ 13,807,210	\$ 13,181,123
	2024	2023

¹As of June 30, 2023, the balance includes an \$8.7 million positive mark-to-market on the remaining \$25.0 million notional of the Treasury Lock as of June 30, 2023. As of June 30, 2023, \$175.0 million total notional of the original \$200.0 million notional Treasury Lock was terminated. The positive mark-to-market balance is recorded in "Investments" on the consolidated statements of financial position. On August 4, 2023, the remaining \$25.0 million notional Treasury Lock was terminated for \$9.6 million in proceeds. The final mark-to-market was for \$1.0 million.

Vanderbilt has \$1,154.7 million of financial assets that are available within one year of the balance sheet date to meet cash needs for general expenditure consisting of cash of \$805.4 million, accounts receivable of \$120.3 million, contributions receivable, less than one year of \$66.0 million, and short-term investments of \$163.0 million.

Vanderbilt manages its financial assets for availability when its operating expenditures, liabilities, and other obligations come due. In addition, Vanderbilt invests cash in excess of daily requirements in short-term investments or fixed-income securities. To supplement working capital and investment commitments, Vanderbilt had two general lines of credit of \$250.0 million and \$100.0 million as of June 30, 2024. The line of credit agreement of \$250.0 million was renewed in September 2023 and matures in September 2024. The \$100.0 million line of credit matured in June 2024 and was replaced with a new \$100.0 million line of credit that matures in June 2025. In fiscal years 2024 and 2023, Vanderbilt did not borrow against any of its general use lines of credit to support operations. Vanderbilt's commercial paper limitation is \$300.0 million; Vanderbilt had \$100.0 million of tax-exempt commercial paper as of June 30, 2024, and \$25.0 million (par) of taxable commercial paper and \$25.0 million (par) tax-exempt commercial paper outstanding as of June 30, 2023.

Vanderbilt provides liquidity support for debt with short-term remarketing periods through self-liquidity. Additionally, Vanderbilt has institutional endowments of \$5,917.0 million and \$5,612.4 million as of June 30, 2024, and June 30, 2023, respectively. Although Vanderbilt does not intend to spend from its institutional endowment funds, other than amounts appropriated for general expenditure as part of its annual budget approval and appropriation process, amounts from its institutional endowment funds could be made available if necessary. However, both the endowments with donor restrictions and institutional endowments contain investments with lock-up provisions that would reduce the total investments that could be made available (refer to Notes 7 and 12 for disclosures about investments).

4. ACCOUNTS RECEIVABLE

The major components of accounts receivable as of June 30 were as follows (in thousands):

Accounts receivable	(3,043)	(3,095)
Accounts receivable	123,372	 104,598
Accrued investment income Other	590 6,869	571 12,192
Royalty distributions receivable	2,990	4,664
Tuition and fees	4,088	3,051
Research and sponsored programs	44,308	48,222
VUMC-related agreements	\$ 64,527	\$ 35,898

Vanderbilt records allowances for uncollectible amounts based on management's assessment of expected net collections considering historical trends and current economic factors. Vanderbilt's accounts receivable balance on June 30, 2024, includes \$64.5 million related to agreements with VUMC and \$44.3 million related to research and sponsored programs. These receivables account for 90% of total net receivables as of June 30, 2024.

5. CONTRIBUTIONS RECEIVABLE

Contributions receivable as of June 30 were as follows (in thousands):		
	2024	2023
Unconditional promises expected to be collected:		
less than one year	\$ 65,978	\$ 70,500
between one year and five years	124,697	127,659
in more than five years	5,466	3,151
Contributions receivable	196,141	201,310
Less: Discount	(18,615)	(20,204)
Less: Allowance for uncollectible promises	(18,789)	(15,547)
Contributions receivable, net	\$ 158,737	\$ 165,559

Vanderbilt discounts contributions receivable at a rate commensurate with the scheduled timing of receipt. Vanderbilt applied discount rates ranging from 4.3% to 5.1% and 4.0% to 5.4% to amounts outstanding as of June 30, 2024, and 2023, respectively. Vanderbilt's methodology for calculating the allowance for uncollectible promises consists of analyzing write-offs as a percentage of gross pledges receivable along with assessing the age and activity of outstanding pledges.

Contributions receivable, net as of June 30, were as follows (in thousands):

	2024	2023
Restricted for programs and other operational purposes	\$ 21,876	\$ 88,080
Restricted for capital improvements	76,129	36,060
Restricted for endowment	60,732	41,419
Contributions receivable, net	\$ 158,737	\$ 165,559

In addition to pledges reported as contributions receivable, Vanderbilt had cumulative bequest intentions, conditional grants, and conditional promises to give of approximately \$948.1 million and \$774.1 million as of June 30, 2024, and 2023, respectively. Due to their conditional nature, Vanderbilt does not recognize these intentions to give as assets.

6. STUDENT LOANS AND OTHER NOTES RECEIVABLE

Student loans and other notes receivable as of June 30	were as fe	ollows <i>(ii</i>	n tho	usands):									
		2024				2024						2023	
	Re	eceivable	All	owance		Net	Re	ceivable	All	owance	 Net		
Student Loans: federal and institutional ¹	\$	15,030	\$	(48)	\$	14,982	\$	16,842	\$	(238)	\$ 16,604		
Faculty mortgages		1,303		-		1,303		1,314		-	1,314		
Student loans, other notes receivable, and related allowances	\$	16,333	\$	(48)	\$	16,285	\$	18,156	\$	(238)	\$ 17,918		

Student loans and other notes receivable as of June 30 were as follows (in thousands):

¹ Balance of \$15.0 million as of June 30, 2024, includes \$14.5 million of federal student loans and \$0.5 million of institutional loans. Balance of \$16.6 million as of June 30, 2023, includes \$15.8 million of federal student loans and \$0.8 million of institutional loans.

Vanderbilt remains committed to "no loans" for its undergraduate students, meaning that the university is meeting full-demonstrated financial need with scholarship and grant assistance. For other groups (e.g., professional school students), participation in several federal revolving loan programs, including the Perkins, Nursing, and Health Professionals Student Loan programs, has continued.

Vanderbilt carries loans to students at cost, which, based on secondary market information, approximates the fair value of education loans with similar interest rates and payment terms. The availability of funds for new loans under these programs is dependent on reimbursements to the pool from repayments on outstanding loans.

Vanderbilt assigns loans receivable from students under governmental loan programs, also carried at cost, to the federal government or its designees. Vanderbilt classifies refundable advances from the federal government as liabilities in the consolidated statements of financial position. Outstanding loans canceled under a governmental program result in a reduction of the funds available for loan and a decrease in Vanderbilt's liability to the government.

Vanderbilt establishes bad debt allowances based on prior collection experience and current economic factors, which, in management's judgment, could influence the ability of loan recipients to repay amounts due. When deemed uncollectible, Vanderbilt writes off institutional loan balances.

In an effort to attract and retain a world-class faculty, Vanderbilt provides various incentives and historically provided home mortgage financing assistance in select situations. Deeds of trust on properties concentrated in the surrounding region collateralize these notes. Vanderbilt has not recorded an allowance for doubtful accounts for loans based on their collateralization and prior collection history.

7. INVESTMENTS

Investments consist of the following as of June 30 (in thousands):

	2024	2023
Short-term securities ¹	\$ 95,571	\$ 212
Global equities ¹	1,953,834	2,087,037
Fixed income ¹	955,878	839,102
Hedged strategies ²	2,137,519	2,218,995
Private capital ³	3,926,347	3,739,760
Real estate ³	567,022	297,715
Natural resources ³	559,449	580,514
Commodities ⁴	242,971	212,650
Trusts ⁵	22,394	22,677
Private credit ¹	38,532	15,327
Other investments ^{5,6}	24,036	34,024
Total value ⁷	\$ 10,523,553	\$ 10,048,013

¹ Quoted prices in active markets determine fair value, or fund managers provide the net asset value per share of the specific investment to establish fair value.

² Quoted prices in active markets determine fair value, or fund managers provide the net asset value per share of the specific investment to establish fair value. Includes \$553.1 million and \$616.8 million of cash and cash equivalents classified as investments in fiscal 2024 and 2023, respectively.

³ Fund managers provide the net asset value of Vanderbilt's ownership interests at the fund level to establish fair value.

⁴ Quoted prices in active markets determine fair value.

⁵ Carrying value provides a reasonable estimate of fair value for certain components.

⁶ Balance includes an \$8.7 million positive mark-to-market on the remaining \$25.0 million notional of the Treasury Lock as of June 30, 2023. As of June 30, 2023, \$175.0 million total notional of the original \$200.0 million notional Treasury Lock was terminated. The positive mark-to-market balance is recorded in "Investments" on the consolidated statements of financial position. On August 4, 2023, the remaining \$25.0 million notional Treasury Lock was terminated for \$9.6 million in proceeds. The final mark-to-market was for \$1.0 million.

⁷ Net of securities sold short of \$531.9 million and \$579.2 million, total value of investments is \$9,991.7 million and \$9,468.8 million in fiscal 2024 and 2023, respectively.

Included in the amounts above are investments allocable to noncontrolling interests (i.e., minority limited partners) reported at fair value. Changes in noncontrolling interests net assets for the fiscal year ended June 30, 2024, were as follows *(in thousands)*:

Fair value as of June 30, 2023	\$ 10,444
Distributions to minority limited partners	(7,520)
Capital commitments funded by minority limited partners	-
Appreciation allocable to minority limited partners	(2,381)
Fair value as of June 30, 2024	\$ 543

Changes in noncontrolling interests net assets for the fiscal year ended June 30, 2023, were as follows (in thousands):

Fair value as of June 30, 2022	\$ 17,061
Distributions to minority limited partners	(7,340)
Capital commitments funded by minority limited partners	55
Appreciation allocable to minority limited partners	668
Fair value as of June 30, 2023	\$ 10,444

Short-term securities primarily comprise short-term U.S. Treasury bills.

Global equities consist of investment funds globally diversified across public markets including U.S. markets, other developed markets, and emerging and frontier markets. Fund managers of these investments have the ability to shift investments from value to growth strategies, from small to large capitalization stocks, and from a net long position to a net short position.

Fixed income includes investments directed toward capital preservation and predictable yield as well as more opportunistic strategies focused on generating return on price appreciation. These investments are primarily public investments such as U.S. Treasuries and other government obligations, investment-grade corporate bonds, high-yield corporate bonds, bank debt, commercial mortgage-backed securities, residential non-agency mortgage-backed securities, asset-backed securities, direct lending, and below investment-grade developed and emerging market sovereign debt. Vanderbilt may make investments through commingled vehicles, separately managed accounts, synthetic transactions, and limited partnership interests.

Hedged strategies investments reflect multiple strategies such as event driven, relative value, and equity funds to diversify risks and reduce volatility in the portfolio generally in hedge fund structures. These strategies also include investments in long and short primarily creditoriented securities. Investments may include mortgage-backed securities, trade finance, debt and asset-backed securities, repurchase agreements, senior loans, bank loans, and cash designated for investment. The fair value of open short positions is recorded as a liability and Vanderbilt records an unrealized gain or loss to the extent of the difference between the proceeds received and the value of the open short position. By entering into short sales, Vanderbilt bears the market risk of increases in the value of the security sold short in excess of the proceeds received. Possible losses from short sales differ from losses that could be incurred from purchases of securities because losses from short sales may be unlimited, whereas losses from purchases cannot exceed the total amount invested.

Private capital consists of illiquid investments in buyouts, distressed debt, mezzanine debt, growth equity, and venture capital. Vanderbilt may make investments through commingled vehicles, separately managed accounts, synthetic transactions, limited partnership interests, and direct investments.

Real estate comprises illiquid investments in residential and commercial real estate assets, projects, publicly traded REITs or land held directly through separately managed accounts, limited partnership interests, and direct investments in properties. The nature of the investments in this category is such that distributions generally reflect liquidation of the underlying assets of the funds.

Natural resources include illiquid investments in timber, oil and gas production, mining, energy, and related services businesses held directly or in commingled limited partnership funds.

Commodities include public investments such as commodity futures, commodity-related equities, and private investments in energy, power, infrastructure, and timber. Investments may be made through commingled vehicles, separately managed accounts, synthetic transactions, limited partnership interests, and direct investments.

Trusts are Vanderbilt's split-interest agreements with donors, including charitable gift annuities, life income funds, and other nonendowed trusts.

Private credit includes privately originated or negotiated investments, comprising potentially higher yielding, illiquid opportunities across a range of risk and return profiles. They are not traded on the public markets.

8. ENDOWMENT

Endowment-related assets include donor-restricted endowments and institutional endowments (quasi-endowments). Vanderbilt's endowment does not include gift annuities, interests in trusts held by others, contributions pending donor designation, or contributions receivable.

Interpretation of Relevant Law

The Board of Trust's interpretation of its fiduciary responsibilities for donor-restricted endowments under the Uniform Prudent Management of Institutional Funds Act ("UPMIFA") requirements, barring the existence of any donor-specific provisions, is to preserve intergenerational equity. Under this broad guideline, future endowment beneficiaries should receive at least the same level of real economic support as the current generation. The overarching objective is to preserve and enhance the real (inflation-adjusted) purchasing power of the endowment in perpetuity. Vanderbilt invests assets to provide a relatively predictable and stable stream of earnings to meet spending needs and attain longterm return objectives without the assumption of undue risks.

UPMIFA specifies that unless stated otherwise in a gift instrument, donor-restricted assets in an endowment fund are restricted assets until appropriated for expenditure. Barring the existence of specific instructions in gift agreements for donor-restricted endowments, Vanderbilt reports both the historical value for such endowments and the net accumulated appreciation, including recapitalizations, as net assets with donor restrictions. In this context, historical value represents the original value of initial contributions restricted as perpetual endowments plus the original value of subsequent contributions and, if applicable, the value of accumulations made in accordance with the direction of specific donor gift agreements.

Spending Policy

Specific appropriation for expenditure of Vanderbilt's endowment funds occurs each spring when the Board of Trust approves the university's operating budget for the subsequent fiscal year. For fiscal years 2024 and 2023, Vanderbilt's Board of Trust approved endowment distributions based on 5.0% of the average of the previous three calendar year-end market values subject to a 10.0% per year maximum growth in per unit spending. Vanderbilt reinvests actual realized endowment return earned in excess of distributions. For years when the endowment return is less than the distribution, the endowment pool's cumulative returns from prior years cover the shortfall.

Vanderbilt may not fully expend Board-appropriated endowment distributions in a particular fiscal year. In some cases, Vanderbilt will reinvest distributions into the endowment. Institutional endowments, which are Board-designated, include amounts for student scholarships and support for faculty research and teaching.

The table below summarizes Vanderbilt's endowment for the fiscal years ended June 30 (in thousands):

2024	Without Donor Restrictions		With Donor Restrictions	Total
Endowments with donor restrictions	\$ -	\$	4,042,009	\$ 4,042,009
Reinvested distributions	160,245		128,434	288,679
Institutional endowments	5,917,040		-	5,917,040
Endowment net assets as of June 30, 2024	\$ 6,077,285	\$	4,170,443	\$ 10,247,728
2023	Without Donor Restrictions			Total
Endowments with donor restrictions	\$ -	\$	3,797,946	\$ 3,797,946
Reinvested distributions	153,789		120,035	273,824
Institutional endowments	5,612,426		-	5,612,426

5,766,215

\$

\$

3,917,981

S

9,684,196

The purposes of endowments with donor restrictions as of June 30 were as follows (in thousands):

	2024	2023
Student scholarships	\$ 1,627,906	\$ 1,534,562
Endowed chairs	1,147,889	1,091,483
Operational support, not yet appropriated	729,052	694,479
Program support	356,351	313,378
Research	102,312	94,824
Faculty support and lectureships	74,477	68,516
Capital improvements	55,940	50,762
Other	76,516	69,977
Total endowments with donor restrictions	\$ 4,170,443	\$ 3,917,981

Return Objectives and Parameters

Endowment net assets as of June 30, 2023

Currently, the endowment portfolio consists of three primary components designed to serve a specific role in establishing the right balance between risk and return. These three components are global, public, and private equity investments. Vanderbilt expects these three components, including private capital and many hedge funds, to produce favorable returns in environments of accelerated growth and economic expansion. Vanderbilt expects hedged strategies and fixed income investments to generate stable returns and preserve capital during periods of poor equity performance. Vanderbilt uses real estate and natural resources allocations to provide an inflation hedge.

Funds with Deficiencies

From time to time, the fair value of assets associated with an endowed fund may fall below the level that a donor or UPMIFA requires in terms of maintenance of perpetual duration endowments. Vanderbilt has a policy that permits spending from underwater funds, unless specifically prohibited by the donor or relevant laws and regulations. As of June 30, 2024, and 2023, Vanderbilt had 72 and 202 funds, respectively, with deficiencies of this nature resulting from unfavorable market declines that occurred after the investment of recent contributions with donor restrictions. Vanderbilt believes these declines are modest in relation to the total market value for donor-restricted endowments and that these deficiencies will be relatively short-term in nature. The amount of such deficiencies for the fiscal years ended June were as follows (*in thousands*):

Aggregate deficiency	\$ 2,102	\$ 4,616
Less aggregate fair value	37,086	72,330
Aggregate original gift amount	\$ 39,188	\$ 76,946
	2024	2023

Changes in endowment net assets for the fiscal years ended June 30 were as follows (in thousands):

2024	thout Donor Restrictions	With Donor Restrictions	Total
Endowment net assets as of June 30, 2023	\$ 5,766,215	\$ 3,917,981	\$ 9,684,196
Endowment investment return, net	521,076	355,740	876,816
Gifts and additions to endowment, net	66,034	83,914	149,948
Endowment distributions	(276,040)	(187,192)	(463,232)
Endowment net assets as of June 30, 2024	\$ 6,077,285	\$ 4,170,443	\$ 10,247,728

2023	 out Donor strictions	With Donor Restrictions	Total
Endowment net assets as of June 30, 2022	\$ 6,108,670	\$ 4,097,398	\$ 10,206,068
Endowment investment return, net	(117,872)	(79,586)	(197,458)
Gifts and additions to endowment, net	24,269	67,367	91,636
Endowment distributions	(248,852)	(167,198)	(416,050)
Endowment net assets as of June 30, 2023	\$ 5,766,215	\$ 3,917,981	\$ 9,684,196

9. PROPERTY, PLANT, AND EQUIPMENT

Property, plant, and equipment as of June 30 were as follows (in thousands):

	2024	2023
Land	\$ 273,936	\$ 271,234
Buildings and improvements	2,427,170	2,339,073
Moveable equipment	359,840	335,048
Construction in progress	532,366	269,765
Property, plant, and equipment	3,593,312	3,215,120
Less: Accumulated depreciation	(1,494,871)	(1,398,064)
Property, plant, and equipment, net	\$ 2,098,441	\$ 1,817,056

Buildings and improvements include \$14.4 million of leasehold improvements in both the years ended June 30, 2024, and 2023. Vanderbilt reports property, plant, and equipment at cost or, if a gift, at fair value as of the date of the gift, net of accumulated depreciation. Vanderbilt computes depreciation using the straight-line method over the estimated useful lives of the assets: 10 to 50 years for buildings, building improvements, and land improvements; the shorter of the asset life or life of the lease including renewal options for which we are reasonably certain of their exercise for leasehold improvements; and three to 25 years for machinery and equipment.

Purchases for the fine art and library collections are not included in the amounts above as Vanderbilt expenses such items at the time of purchase. As of June 30, 2024, the estimated replacement cost, including processing costs to properly identify, catalog, and shelve materials, for library collections totaled \$486.9 million and for fine art collections totaled \$50.3 million. Any proceeds from deaccessioned collection items are used for the direct care of existing collections. Direct care is an investment that enhances the life, usefulness, or quality of the collection.

Vanderbilt reported capitalized interest of \$5.8 million and \$2.2 million to construction in progress and/or buildings and improvements in the years ended June 30, 2024, and 2023, respectively.

Vanderbilt reviews property, plant, and equipment for recoverability whenever events or changes in circumstances indicate that the carrying amount may not be recoverable. The university recognizes an impairment loss if the carrying amount of a long-lived asset exceeds its fair value and is not recoverable. The carrying amount of a long-lived asset is not recoverable if it exceeds the sum of the undiscounted cash flows expected to result from the use and eventual disposition of the asset. Vanderbilt did not recognize any impairment losses in fiscal 2024 or 2023.

Vanderbilt identified conditional asset retirement obligations, primarily for the costs of asbestos removal and disposal, resulting in liabilities of \$4.1 million and \$6.6 million as of June 30, 2024, and 2023, respectively. These liability estimates, included in accounts payable and accrued liabilities in the consolidated statements of financial position, use an inflation rate of 4.93% and 8.26% as of June 30, 2024, and 2023, respectively, and a discount rate of 5.29% and 4.98% as of June 30, 2024, and 2023, respectively, based on relevant factors at origination.

10. LONG-TERM DEBT

Long-term debt consists of bonds and notes payable with scheduled final maturity dates at least one year after the original issuance date.

Outstanding long-term debt reflected in the financial statements at carrying value as of June 30 were as follows (in thousands):

		Fixed Coupon	Fiscal 2024	Outstanding		ıcipal
	Fiscal Year of Maturity	Interest Rates as of June 30, 2024	Effective Interest Rate	2024		2023
FIXED-RATE DEBT						
Series 2016 - Taxable	2047	2.24% - 3.44%	3.2%	\$ 109,125	\$	112,490
Series 2018 - Private Placement	2049	3.93%	3.9%	293,000		300,000
Series 2019 - Private Placement	2038	2.51%	2.5%	97,365		103,125
Series 2020 - Private Placement	2050	3.00%	3.0%	100,000		100,000
Fixed-rate debt (par amount)			3.4%	\$ 599,490	\$	615,615
Unamortized cost of issuance			-	(1,080)		(955)
Total long-term debt			3.4%	\$ 598,410	\$	614,660
COMMERCIAL PAPER						
Tax-exempt commercial paper	< 1		3.4%	\$ 100,000	\$	25,000
Taxable commercial paper	< 1		5.4%	-		24,688
Total commercial paper			3.5%	\$ 100,000	\$	49,688
Total long-term debt and commercial paper			3.4%	\$ 698,410	\$	664,348

All debt instruments are general obligations of Vanderbilt. Vanderbilt did not pledge any of its assets as collateral for this debt. Payments for interest costs occur on varying scheduled payment dates for debt. Vanderbilt calculates accrued interest expense for its debt based on applicable interest rates for the respective fiscal year. Interest expense of \$17.5 million in fiscal 2024 is net of capitalized interest of \$5.8 million. Interest expense of \$20.8 million in fiscal 2023 includes \$0.5 million of other interest expense and is net of capitalized interest of \$2.2 million.

Principal retirements and scheduled sinking fund requirements based on nominal maturity schedules for long-term debt due in subsequent fiscal years are as follows *(in thousands)*:

2025	\$ 16,345
2026	16,605
2027	17,535
2028	17,815
2029	18,130
Thereafter	513,060
Total long-term debt principal retirements	\$ 599,490

In April 2024, Vanderbilt issued \$25.0 million (par) under its existing Tax-Exempt Commercial Paper Program Number One to finance various construction projects. In September 2023, Vanderbilt issued \$25.0 million (par) under its existing Tax-Exempt Commercial Paper Program Number One to finance various construction projects. In August 2023, Vanderbilt issued \$25.0 million (par) under its existing Tax-Exempt Commercial Paper Program Number One to finance various construction projects. In July 2023, Vanderbilt retired \$25.0 million (par) Commercial Paper under its existing Taxable Commercial Paper Program using working capital.

On December 6, 2021, Vanderbilt University executed a 24-month Treasury Lock (the "Lock") with a national, United States bank using the underlying 30-year U.S. Treasury rate. The notional amount of the Lock was \$200.0 million. The all-in locked rate, including the forward and execution premium, was 1.8%. Maturity on the Lock was December 6, 2023. No collateral postings were required during the term of the Lock. Vanderbilt executed this Lock in anticipation of future long-term debt issuances. In August 2023, Vanderbilt terminated the remaining \$25.0 million notional of the Lock for \$9.6 million in proceeds.

11. NET ASSETS

The following is a summary of net assets as of June 30 (in thousands):

2024	Without done restrictio	-	With donor restriction	Total
Operations	\$ (113,553) \$	-	\$ (113,553)
Deferred trademark license revenue	(1,750,330)	-	(1,750,330)
Net investment in plant	1,608,94	0	215	1,609,155
Endowment funds	6,077,28	5	4,170,443	10,247,728
Donor pledges and gifts		-	256,733	256,733
Split-interest agreements		-	70,238	70,238
Net assets attributable to Vanderbilt	5,822,34	2	4,497,629	10,319,971
Net assets related to noncontrolling interests	54	3	-	543
Total net assets as of June 30, 2024 ¹	\$ 5,822,88	5 \$	4,497,629	\$ 10,320,514

¹ Total net assets with donor restrictions as of June 30, 2024, includes net asset with donor restrictions restricted in perpetuity of \$1,814,383.

2023	W	ithout donor restriction	With donor restriction	Total
Operations	\$	182,409	\$ -	\$ 182,409
Deferred trademark license revenue		(1,796,712)	-	(1,796,712)
Net investment in plant		1,314,680	206	1,314,886
Endowment funds		5,766,215	3,917,981	9,684,196
Donor pledges and gifts		-	242,647	242,647
Split-interest agreements		-	72,710	72,710
Net assets attributable to Vanderbilt		5,466,592	4,233,544	9,700,136
Net assets related to noncontrolling interests		10,444	-	10,444
Total net assets as of June 30, 2023 ¹	\$	5,477,036	\$ 4,233,544	\$ 9,710,580

¹ Total net assets with donor restrictions as of June 30, 2023, includes net asset with donor restrictions restricted in perpetuity of \$1,714,305.

12. FAIR VALUE MEASUREMENT

Vanderbilt utilizes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three levels:

Level 1 consist of quoted prices (unadjusted) in active markets for identical assets or liabilities accessible at the measurement date.

Level 2 include inputs other than quoted prices in Level 1 directly or indirectly observable for the assets or liabilities.

Level 3 are unobservable inputs for the assets or liabilities.

The level in the fair value hierarchy within which a fair value measurement in its entirety is classified depends on the lowest level input that is significant to the fair value measurement.

The significance of the unobservable inputs to the overall fair value measurement determines the classification of a financial instrument within level 3.

The fair values of alternative investments (interests in private equity, hedge, real estate, and other similar funds) for which quoted market prices are not available are generally measured based on the reported partner's capital or net asset value ("NAV") provided by the associated external investment managers. The reported partner's capital or NAV is subject to management's assessment that the valuation provided is representative of fair value.

The consolidated statements of activities reflect: all realized and unrealized gains and losses net of expenses on investments as appreciation of endowment or appreciation of other investments; gains and losses on investments allocable to noncontrolling interests as a component of appreciation of endowment; and net realized and unrealized gains and losses on interests in trusts held by others as other sources.

Rollforwards of amounts for level 3 financial instruments for the fiscal years ended June 30 follow (in thousands):

	ba	Beginning lance as of le 30, 2023	and	Net realized unrealized ins(losses) ¹	Purchases	Sales	Transfers into/(out of) level 3	Ending palance as of une 30, 2024
LEVEL 3 ASSETS								
Real estate	\$	12	\$	-	\$ -	\$ (4)	\$ -	\$ 8
Trusts		22,677		2,823	1,371	(4,477)	-	22,394
Other investments		2,412		16	500	-	-	2,928
Interests in trusts held by others		30,071		(1,971)	-	(1,373)	-	26,727
Total Level 3	\$	55,172	\$	868	\$ 1,871	\$ (5,854)	\$ -	\$ 52,057

¹ Total unrealized gains/(losses) relating to level 3 investment assets held by the university at June 30, 2024, is \$400.0 and is reflected in "Appreciation of endowment, net of distributions" for private capital and natural resources categories as well as "Other sources" for remaining categories in the consolidated statement of activities.

	bal	Beginning ance as of e 30, 2022	and	Net realized unrealized ins(losses) ¹	Purchases	Sales	Transfers into/(out of) level 3	Ending alance as of ine 30, 2023
LEVEL 3 ASSETS								
Real estate	\$	16	\$	(4)	\$ -	\$ -	\$ -	\$ 12
Trusts		23,195		1,814	568	(2,900)	-	22,677
Other investments		1,648		14	750	-	-	2,412
Interests in trusts held by others		31,063		(580)	-	(412)	-	30,071
Total Level 3	\$	55,922	\$	1,244	\$ 1,318	\$ (3,312)	\$ -	\$ 55,172

¹ Total unrealized gains/(losses) relating to level 3 investment assets held by the university at June 30, 2023, is \$928.3 and is reflected in "Appreciation of endowment, net of distributions" for private capital and natural resources categories as well as "Other sources" for remaining categories in the consolidated statement of activities.

The following tables present the amounts within each valuation hierarchy level for those assets and liabilities carried at fair value: cash and cash equivalents; investments; investments allocable to noncontrolling interests (in Vanderbilt-controlled real estate and other partnerships); interests in trusts held by others; securities sold short; and the fair value of interest rate exchange agreements.

Also included in the following tables, as a measure of liquidity, are the redemption terms and restrictions of investments, along with the numbers of days' notice required to liquidate these investments. Most investments classified as levels 2 and 3 consist of shares or units in investment funds as opposed to direct interests in the funds' underlying holdings. Vanderbilt's ability to redeem its interest at or near the financial statement date determines the net assets' classification as level 2 or level 3. Vanderbilt defines near-term as within 90 days of the financial statement date. The total asset values for short-term securities, global equities, fixed income, hedged strategies, and commodities provide varying levels of liquidity, with daily to annual redemption frequencies. These strategies allow Vanderbilt to provide notice to the fund managers to exit from the respective funds in the time periods noted.

The total asset values for private capital, real estate, natural resources, private credit, and other investments are illiquid as of both June 30, 2024, and 2023. These amounts predominantly consist of limited partnerships. Under the terms of these limited partnership agreements, Vanderbilt is obligated to remit additional funding periodically as capital calls are exercised by the general partner. These partnerships have a limited existence, and the agreements may provide for annual extensions relative to the timing for disposing portfolio positions and returning capital to investors. Depending on market conditions, the ability or inability of a fund to execute its strategy, and other factors, the general partner may extend the terms or request an extension of terms of a fund beyond its originally anticipated existence or may liquidate the fund prematurely. Unforeseen events prevent Vanderbilt from anticipating such changes. As a result, the timing and amount of future capital calls or distributions in any particular year are uncertain and the related asset values are illiquid.

Trusts are restricted by donors according to the underlying gift agreement with assets held to satisfy annuity obligations or until a remainder portion becomes available upon termination. As such, trusts are illiquid until termination, the timing of which is unknown.

The following tables summarize the fair value measurements and terms for redemptions or liquidations for those assets and liabilities carried at fair value as of June 30 (in thousands):

Assets Reported at Fair Value as of June 30, 2024

		Fai	r Valu	e Measurements		
	Level 1	Level 2		Level 3	NAV	Total
Cash and cash equivalents	\$ 805,431	\$ -	\$	- \$	-	\$ 805,431
Short-term securities	95,571	-		-	-	95,571
Global equities	1,675,210	78,636		-	199,988	1,953,834
Fixed income	347,421	512,790		-	95,667	955,878
Hedged strategies ¹	1,256,508	540,821		-	340,190	2,137,519
Private capital	(391)	2,246		-	3,924,492	3,926,347
Real estate	235,732	-		8	331,282	567,022
Natural resources	-	-		-	559,449	559,449
Commodities	242,971	-		-	-	242,971
Trusts	-	-		22,394	-	22,394
Private credit	-	-		-	38,532	38,532
Other investments ²	6,703	14,405		2,928	-	24,036
Interests in trusts held by others	-	-		26,727	-	26,727
Total assets reported at fair value	\$ 4,665,156	\$ 1,148,898	\$	52,057 \$	5,489,600	\$ 11,355,711

Liabilities Reported at Fair Value as of June 30, 2024

Securities sold short	\$ 456,032	\$ 75,828 \$	- \$	- \$	531,860
Total liabilities reported at fair value	\$ 456,032	\$ 75,828 \$	- \$	- \$	531,860

¹Includes \$553.1 million of cash and cash equivalents classified as investments.

² On August 4, 2023, Vanderbilt terminated the remaining \$25.0 million notional of the Lock described in Note 10. Vanderbilt received \$9.6 million in proceeds as a result of the termination.

Assets Reported at Fair Value as of June 30, 2023

	Fair Value Measurements									
		Level 1		Level 2		Level 3		NAV		Total
Cash and cash equivalents	\$	937,070	\$	-	\$	-	\$	-	\$	937,070
Short-term securities		212		-		-		-		212
Global equities		1,876,446		59,909		-		150,682		2,087,037
Fixed income		232,568		543,860		-		62,674		839,102
Hedged strategies ¹		1,347,424		494,620		-		376,951		2,218,995
Private capital		18,368		31,269		-		3,690,123		3,739,760
Real estate		-		-		12		297,703		297,715
Natural resources		223		-		-		580,291		580,514
Commodities		212,650		-		-		-		212,650
Trusts		-		-		22,677		-		22,677
Private credit		-		-		-		15,327		15,327
Other investments ²		6,735		24,877		2,412		-		34,024
Interests in trusts held by others		-		-		30,071		-		30,071
Total assets reported at fair value	\$	4,631,696	\$	1,154,535	\$	55,172	\$	5,173,751	\$	11,015,154

Liabilities Reported at Fair Value as of June 30, 2023

Securities sold short	\$ 513,571	\$ 65,600 \$	-	\$ - \$	579,171
Total liabilities reported at fair value	\$ 513,571	\$ 65,600 \$		\$ - \$	579,171

¹ Includes \$616.8 million of cash and cash equivalents classified as investments. ² Balance includes an \$8.7 million positive mark-to-market on the remaining \$25.0 million notional of the Treasury Lock as of June 30, 2023. As of June 30, 2023, \$175.0 million total notional of the original \$200.0 million notional Treasury Lock was terminated. The positive mark-to-market balance is recorded in "Investments" on the consolidated statements of financial position.

	2024 Fair Value	Redemption Terms	Redemption Restrictions
Cash and cash equivalents	\$ 805,431	Daily, with same-day to 90-day notice	No restrictions
Short-term securities	95,571	Daily, with 1-day notice	No restrictions
Global equities	1,953,834	Daily to annually, with 1- to 90-day notice	Lock-up provision ranging from none to 2 years
Fixed income	955,878	Daily to annually, with 1- to 365-day notice	No restrictions
Hedged strategies	2,137,519	Daily to annually, with 15- to 90-day notice	Lock-up provision ranging from none to 2 years
Private capital	3,926,347	N/A	Not redeemable
Real estate	567,022	N/A	Not redeemable
Natural resources	559,449	N/A	Not redeemable
Commodities	242,971	Daily, with 1- to 30-day notice	No restrictions
Trusts	22,394	N/A	Not redeemable
Private credit	38,532	N/A	Not redeemable
Other investments	24,036	N/A	Not redeemable
Interests in trusts held by others	26,727	N/A	Not redeemable

Redemption Terms and Restrictions as of June 30, 2024

13. LEASES

Vanderbilt has recognized operating right-of-use assets (ROU) and lease liabilities for leases on its consolidated statements of financial position. The balances of prepaid and accrued rent, lease incentives, and unamortized assets and liabilities are presented within operating lease ROU assets on Vanderbilt's consolidated statements of financial position.

Vanderbilt is obligated under numerous operating leases to pay base rent through the respective lease expiration dates. Operating leases primarily consist of equipment and real property for educational campus facilities and office space with remaining lease terms of up to 10 years through fiscal 2032. Variable lease payments based on an index or rate, such as the consumer price index, are initially measured using the index or rate in effect at lease commencement. Vanderbilt has elected the short-term lease exception under Topic 842 for all leases and, as such, leases with an initial term of 12 months or less are not recorded on the consolidated statements of financial position. Vanderbilt recognizes lease expense for short-term leases on a straight-line basis over the lease term.

The following tables summarize the total lease expenses components incurred for the fiscal years ended June 30 (in thousands):

	2024	2023
Operating lease expense	\$ 14,743	\$ 13,505
Short-term lease expense	5,335	5,146
Total lease expense	\$ 20,078	\$ 18,651
Other lease information	2024	2023
Cash paid for amounts included in the measurement of lease liabilities:		
Operating cash flows from operating leases	\$ 15,185	\$ 13,857
Right-of-use assets obtained in exchange for new operating lease liabilities	\$ 835	\$ 2,750
Weighted-average remaining lease term - operating leases	4.61 years	4.37 years
Weighted-discount rate - operating leases	2.66%	3.00%

The undiscounted cash flows due by fiscal year related to significant noncancelable operating leases with initial terms in excess of one year as of June 30, 2024, along with a reconciliation to the discounted amount recorded as of June 30, 2024, were as follows *(in thousands)*:

Total lease obligation	\$ 41,015
Less amount representing imputed interest	2,704
Total undiscounted cash flows	\$ 43,719
Thereafter	2,816
2029	1,106
2028	3,249
2027	6,059
2026	15,112
2025	\$ 15,377

Property leases for buildings owned by Vanderbilt University Medical Center (40%) and 2100 West End Avenue (25%) account for approximately 65% of the total future minimum rentals as of June 30, 2024.

Vanderbilt is the lessor in several long-term noncancelable operating leases for commercial space through fiscal year 2114. Property leases owned by Vanderbilt University and leased by Vanderbilt University Medical Center account for approximately 98% of the total future minimum operating rental revenue as of June 30, 2024. Operating rental income was \$25.4 million and \$25.2 million of June 30, 2024, and June 30, 2023, respectively.

Future minimum operating rental revenue due as of June 30, 2024, is summarized below (in thousands):

Total future minimum rentals	\$ 1,825,597
Thereafter	1,692,357
2029	22,633
2028	23,560
2027	24,244
2026	31,175
2025	\$ 31,628

14. REVENUE RECOGNITION

The following table presents	Vanderbilt's sources	of revenue as of	June 30 as follows	(in thousands):

		2024	2023
Tuition and educational fees, net			
Undergraduate [net of financial aid, \$221,416 and \$195,094, respectively]	\$	234,273	\$ 234,307
Professional [net of financial aid, \$63,149 and \$64,503, respectively]		148,403	150,427
Graduate [net of financial aid, \$60,783 and \$57,547, respectively]		12,757	11,249
Total tuition and educational fees, net		395,433	395,983
Grants:			
Government sponsors ¹		163,580	168,926
Private sponsors ¹		14,369	11,274
Facilities and administrative costs recovery ¹		50,563	48,229
Contracts:			
Government sponsors ²		46,017	40,682
Private sponsors ³		18,580	20,180
Facilities and administrative costs recovery 4		26,499	27,012
Total grants and contracts		319,608	316,303
Contributions ¹		117,757	165,378
Endowment distributions ¹		463,232	416,051
Room, board, and other auxiliary services, net			
Room and board, net [net of financial aid, \$55,354 and \$48,768, respectively]		58,421	57,798
Auxiliary revenue from affiliates		38,288	36,486
West Trace		16,797	17,558
Vanderbilt Legends Club		11,672	11,328
External rental revenue ¹		11,200	9,907
Parking and vehicle registration		7,146	6,285
Commissions revenue		3,030	2,747
Other auxiliary services		6,624	6,015
Total room, board, and other auxiliary services, net		153,178	148,124
Trademark, license, and royalty revenue		142,823	173,974
Affiliated entity revenue		194,610	195,411
Other sources			
Television revenue		39,106	38,151
Investment (loss) income ¹		35,773	21,490
Tournament revenue		13,035	12,717
Student athletics ticket revenue		7,273	7,635
Conference and seminar revenue		6,024	4,334
Child care operations		4,780	4,497
Miscellaneous revenue from affiliate		3,188	2,900
Other miscellaneous revenue		23,662	23,179
Total other sources		132,841	114,903
Total revenues and other support	\$ 1,	919,482	\$ 1,926,127

¹Not considered revenue from contracts with customers.

¹ Not considered revenue from contracts with customers.
 ² Revenue from government sponsors includes contracts with customers of \$45.9 million and contributions of \$0.1 million in fiscal 2024 and contracts with customers of \$40.3 million and contributions of \$0.4 million in fiscal 2023.
 ³ Revenue from private sponsors includes contracts with customers of \$18.6 million in fiscal 2024 and contracts with customers of \$20.0 million in fiscal 2023.
 ⁴ Revenue from facilities and administrative costs recovery includes contracts with customers of \$26.5 million in fiscal 2024 and contracts with customers of \$27.0 million in fiscal 2023.

Vanderbilt's related revenue recognition policies are:

Tuition and educational fees, net—Vanderbilt recognizes student tuition and educational fees as performance obligations that are satisfied over time in the amount that reflects the consideration expected for providing academic services in the year those services occur. Vanderbilt reflects financial aid provided for tuition and educational fees as a reduction to the expected consideration. Financial aid does not include payments made to students for services provided to Vanderbilt or financial aid applied to undergraduate room and board. In addition, students who adjust their course load or withdraw completely within the first three weeks of the academic term may receive a full or partial refund in accordance with Vanderbilt's refund policy. Refunds issued reduce the amount of tuition recognized. Tuition payments from students are due approximately 30 days after the invoice date.

Grants and contracts—Vanderbilt records revenues related to grants and contracts in two portfolio categories based on the source of the funds:

Government Sponsors provide funding for research largely to advance knowledge for public or academic benefit in direct support of Vanderbilt's mission. Vanderbilt primarily considers these sponsored research agreements to be contributions (nonreciprocal transactions). Vanderbilt recognizes grant and contract revenue associated with contributions from government sponsors as earned when the conditions are met (allowable expenses have been incurred). Additionally, a small portion of government-sponsored awards qualifies as exchange (reciprocal) transactions. The transaction price for exchange transactions is the stated amount of the award. Vanderbilt recognizes grants and contracts revenue related to these exchange transactions as performance obligations that are satisfied based on the terms of the agreement.

Private Sponsors consist of private agencies, professional associations, private foundations, corporate foundations and corporations and may be either donors or sponsors depending on the nature, intent, and expectations of the funding they are providing. Vanderbilt recognizes revenue associated with contributions from private sponsors as the conditions are met. Additionally, some private sponsor awards qualify as exchange (reciprocal) transactions. The transaction price for exchange transactions is the stated amount of the award. Vanderbilt recognizes grants and contracts revenue related to these exchange transactions at the time services are provided.

Facilities and administrative (F&A) costs recovery is recognized by Vanderbilt as revenue. This activity represents reimbursement, primarily from the federal government, of F&A costs on sponsored activities. Vanderbilt's federal F&A cost recovery rate for oncampus research was 58.5% in fiscal 2024 and in fiscal 2023. Vanderbilt's federal F&A off-campus research remote cost recovery rate was 26.0% in fiscal 2024 and in fiscal 2023. Vanderbilt's federal F&A off-campus research adjacent cost recovery rate was 29.5% in fiscal 2024 and in fiscal 2023.

Endowment distributions—Endowment distributions reported as operating revenue consist of endowment return (regardless of when such income arose) distributed to support operational needs in the current period. Vanderbilt's Board of Trust approves the distribution amount from the endowment pool on an annual basis, determined by applying a spending rate to an average of the previous three calendar yearend market values. The primary objective of the endowment distribution methodology is to reduce the impact of capital market fluctuations on operational programs.

Trademark, license, and royalty revenue—The Trademark License Agreement ("TML") between Vanderbilt and VUMC comprises the majority of trademark, license, and royalty revenue. Vanderbilt recognizes all trademark, license, and royalty revenues upon satisfaction of the performance obligation in accordance with the terms of the underlying agreements, which generally result in recognition of the revenue over the term of the agreement. In July 2018, Vanderbilt recorded \$1.43 billion related to the securitized trademark revenue stream as deferred revenue on the statement of financial position and recognizes related revenue upon satisfaction of the performance obligation in accordance with the 30-year term of the underlying agreement. In December 2019, Vanderbilt sold 30 years of a portion of the 1%-of-VUMC revenue TML payment stream in exchange for cash consideration of \$331.6 million. In February 2021, Vanderbilt sold 29 years of an additional portion of the 1%-of-VUMC revenue TML payment stream in exchange for cash consideration of \$277.2 million.

Affiliated entity revenue—Affiliated entity revenue represents amounts received from VUMC to support and ensure sustainability of the upstream research pipeline and other academic initiatives and to compensate Vanderbilt for the provision of operating and capital infrastructure services to VUMC, primarily in campus infrastructure, campus safety and security, and various support functions. Vanderbilt recognizes affiliated entity revenues upon satisfaction of the performance obligation in accordance with the terms of the underlying agreements.

Investment income—Investment income consists of distributions associated with working capital assets invested in long-term pooled investments managed in conjunction with endowment funds and dividends, interest, and gains/losses on other university investments. Vanderbilt reports any difference between total returns for pooled working capital assets and the aforementioned distributions as nonoperating activity. Investment income is included in "Other sources" on the consolidated statements of activities.

Other revenue—Vanderbilt recognizes revenue from other sources as the related services are provided and/or amounts are otherwise earned upon satisfaction of the performance obligation in accordance with the terms of the underlying agreements.

15. FUNCTIONAL CLASSIFICATION OF EXPENSES AND ALLOCATIONS

Vanderbilt presents functional classification of expenses in accordance with the mission of the university. Vanderbilt's primary programs are instruction and academic support, research and public services, and student services. Support activities are incurred in support of these primary programs.

For operating expenses that benefit multiple functional categories, Vanderbilt allocates these expenses to reflect the full cost of all activities. Based on the functional uses of space on its campus, Vanderbilt allocated operation and maintenance of facilities, depreciation, and interest on indebtedness across functional expense categories.

The following tables summarize operating expenses by natural and functional classification for the fiscal years ended June 30 (in thousands):

2024	In	struction & academic support	р	Research & oublic service	Student services	Total program expenses	Support activities	Total expenses
Salaries, wages, and benefits	\$	410,774	\$	162,998	\$ 138,446	\$ 712,218	\$ 217,049	\$ 929,267
Supplies, services, and other		193,283		97,899	95,809	386,991	208,001	594,992
Interest		1,776		900	654	3.330	14,165	17,495
Depreciation		20,793		13,464	10,271	44,528	62,663	107,191
Grants to affiliate		-		36,564	-	36,564	-	36,564
Total expenses	\$	626,626	\$	311,825	\$ 245,180	\$ 1,183,631	\$ 501,878	\$ 1,685,509

2023	In	struction & academic support	Research & ublic service	Student services	Total program expenses	Support activities	Total expenses
Salaries, wages, and benefits	\$	391,854	\$ 146,145	\$ 76,383	\$ 614,382	\$ 218,230	\$ 832,612
Supplies, services, and other		237,738	89,200	74,794	401,732	228,490	630,222
Interest		2,513	1,435	1,620	5,568	15,252	20,820
Depreciation		22,713	18,114	10,537	51,364	49,991	101,355
Grants to affiliate		-	30,845	-	30,845	-	30,845
Total expenses	\$	654,818	\$ 285,739	\$ 163,334	\$ 1,103,891	\$ 511,963	\$ 1,615,854

16. RETIREMENT PLANS

Vanderbilt's eligible faculty and staff members participate in a defined contribution retirement plan administered by a third-party investment firm. For these employees, this plan requires employee and matching employer contributions. The employee immediately vests in these contributions upon eligibility.

Vanderbilt funds the obligations under these plans through payroll transfers to the respective retirement plan administrators with the corresponding expenses recognized in the year incurred. Vanderbilt's retirement plan contributions for fiscal 2024 and 2023 were \$34.3 million and \$23.3 million, respectively.

17. COMMITMENTS AND CONTINGENCIES

(A) *Construction.* As of June 30, 2024, Vanderbilt had contractual commitments for approximately \$227.8 million of projects under construction and equipment purchases. The largest components of this commitment amount were for the football stadium south end zone for \$63.1 million, underground corridors for \$45.4 million, Garland Hall renovation for \$38.0 million, and Highland plant and electrical substation for \$30.4 million.

(B) *Litigation*. On May 17, 2016, a former Vanderbilt football player filed suit against the NCAA, the SEC, and Vanderbilt in the Middle District of Florida in Orlando seeking class action status for students who played football at Vanderbilt between 1952 and 2010. The suit is styled Walthour v. Vanderbilt University, et al., No. 16-cv-834 (M.D. Fl.). Walthour alleged he suffered "several" concussions and now has cognitive functioning problems, such as loss of memory, mood swings, sensitivity to light, and blackouts. The suit has been transferred to the Northern District of Illinois for pretrial purposes as a tag-along action to the multidistrict litigation styled In re: National Collegiate Athletic Association Student-Athlete Concussion Injury Litigation, MDL No. 2492.

Vanderbilt believes that the outcome of this action will not have a significant effect on its consolidated financial position. Vanderbilt is otherwise involved in various legal actions occurring in the normal course of activities, which will not have a material adverse effect on Vanderbilt's financial position.

In November 2023, Vanderbilt agreed to settle a class action lawsuit in which it had been named a co-defendant along with sixteen other universities. The court granted preliminary approval for the settlement in February 2024, and the court granted final approval for the settlement in July 2024. The agreed upon settlement amount of \$55.0 million is included in other nonoperating changes, net in the 2024 Consolidated Statement of Activities.

(C) *Regulations*. Vanderbilt's compliance with regulations and laws is subject to future government reviews and interpretations, as well as regulatory actions unknown at this time. Vanderbilt believes that any potential liability from such reviews would not have a significant effect on Vanderbilt's consolidated financial position.

(D) Employee Health and Workers' Compensation Insurance. Vanderbilt is self-insured for employee health insurance and workers' compensation coverage. Vanderbilt bases estimated liabilities upon studies conducted by independent actuarial firms.

(E) *Federal and State Contracts and Other Requirements.* Expenditures related to federal and state grants and contracts are subject to adjustment based upon review by the granting agencies. Amounts of expenditures that granting agencies might disallow cannot be determined at this time. These amounts affect government grants and contract revenue as well as facilities and administrative cost recovery. Vanderbilt would not expect these costs to materially impact the consolidated financial position.

(F) *Partnership Investment Commitments*. Vanderbilt had \$1,363.5 million of commitments to venture capital, real estate, and private equity investments as of June 30, 2024. At the request of the general partners, Vanderbilt may be required to contribute funds over the next several years. Vanderbilt expects to finance these commitments with available cash and expected proceeds from the sales of securities. Included in these commitments is (\$2.6) million of commitments for which Vanderbilt is a secondary guarantor for commitments in certain investment vehicles where minority limited partners in subsidiaries that Vanderbilt controls have the primary obligations.

18. RELATED PARTIES

Intermittently, members of Vanderbilt's Board of Trust or Vanderbilt employees may be directly or indirectly associated with companies engaged in business activities with the university and may directly transact with the university (such as contributions, employee loans, etc.). Accordingly, Vanderbilt has a written conflict of interest policy that requires, among other things, that members of the university community (including trustees) may not review, approve, or administratively control contracts or business relationships when (a) the contract or business relationship is between Vanderbilt and a business in which the individual or a family member has a material financial interest or (b) the individual or a family member is an employee of the business and is directly involved with activities pertaining to Vanderbilt.

Furthermore, Vanderbilt's conflict of interest policy extends beyond the foregoing business activities in that disclosure is required for any situation in which an applicable individual's financial, professional, or other personal activities may directly or indirectly affect, or have the appearance of affecting, an individual's professional judgment in exercising any university duty or responsibility, including the conduct or reporting of research.

The policy extends to all members of the university community (including trustees, university officials, and faculty and staff and their immediate family members). Each applicable person is required to certify compliance with the conflict of interest policy on an annual basis. This certification includes specifically disclosing whether Vanderbilt conducts business with an entity in which he or she (or an immediate family member) has a material financial interest as well as any other situation that could appear to present a conflict with Vanderbilt's best interests. When situations exist relative to the conflict of interest policy, Vanderbilt takes active measures to manage appropriately the actual or perceived conflict in the best interests of the university, including periodic reporting of the measures taken to the Audit Committee of the Vanderbilt University Board of Trust.

Additionally, certain entities in which the university has invested (within our investment portfolio) could potentially meet the definition of a related party under ASC Topic 850 Related Party Disclosures.

19. VANDERBILT UNIVERSITY MEDICAL CENTER

Vanderbilt has an ongoing economic relationship with VUMC in the form of an Academic Affiliation Agreement ("AAA"), a Trademark License Agreement, a Ground Lease, and a Master Service Agreement ("MSA").

The AAA recognizes the ongoing academic, research, and clinical affiliation between the university and VUMC for all of the university's degree-granting, certificate, and research programs. The AAA serves to allocate responsibility between the university and VUMC for jointly

administered academic programs, residency programs, and ongoing roles and rights of the university. The AAA will remain in effect until termination of the TML or Ground Lease.

Pursuant to the TML, the university grants, subject to certain consents and approvals, a perpetual license to VUMC to use various universityowned licensed marks in connection with VUMC's fundamental activities. The licensed marks, which VUMC will continue to use as the primary brands of VUMC, include virtually all those currently in use by VUMC. The TML will remain in effect until termination of the AAA or Ground Lease.

In July 2018, Vanderbilt securitized 30 years of one of the university's trademark revenue streams and sold the remaining \$89.6 million balance of a promissory note receivable. This securitization occurred on a true-sale basis to a group of external investors in exchange for net cash consideration of \$1.43 billion and a special interest obligation equivalent to the remaining future promissory note interest stream. In December 2019, Vanderbilt securitized 30 years of a portion of the 1%-of-VUMC revenue TML payment stream in exchange for cash consideration of \$331.6 million. This securitization occurred on a true-sale basis. In February 2021, Vanderbilt securitized 29 years of a portion of the 1%-of-VUMC revenue TML payment stream in exchange for cash consideration of \$277.2 million. This securitization occurred on a true-sale basis.

The Ground Lease allows VUMC to use the land on which its campus and related buildings are located. The initial term of the Ground Lease ends June 30, 2114, with the option to extend for up to two additional terms of 50 to 99 years each upon mutual agreement by Vanderbilt and VUMC.

Vanderbilt and VUMC provide specified services to one another for agreed-upon consideration as outlined in the MSA. Vanderbilt continues to provide services to VUMC such as IT support, utilities, and law enforcement staffing. VUMC will continue to provide graduate medical education and training to Vanderbilt. The terms of these service agreements between Vanderbilt and VUMC are unique to each agreement.

20. SUBSEQUENT EVENTS

Vanderbilt evaluated events subsequent to June 30, 2024, through September 30, 2024, the date of issuance of the consolidated financial statements.

On August 1, 2024, Vanderbilt issued the Series 2024 tax-exempt bonds in the par amount of \$320.0 million.

Vanderbilt did not identify any other material subsequent events for recognition or disclosure.

Part II – Schedule of Expenditures of Federal Awards

uster	Assistance Listing Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through te Subrecipier
			.,,-			· · · · · · · · · · · · · · · · · · ·		
esearch a		ment Cluster US Department of Agriculture	Pass-Through	Research Corporation for Science Advancement	29013	Agricultural Research Basic and Applied Research	36.866	
						· · · · · · · · · · · · · · · · · · ·	36,866	
	10.237	US Department of Agriculture	Pass-Through	Tennessee State University	2023-70440-40157	From Learning to Leading: Cultivating the Next Generation of Diverse Food and Agriculture Professionals	32,371	
							32,371	
	10.310	US Department of Agriculture	Direct		2019-67021-29857	Agriculture and Food Research Initiative (AFRI)	1,713	
	10.310	US Department of Agriculture	Pass-Through	University of Kentucky	3200004065-21-348	Agriculture and Food Research Initiative (AFRI)	113,920	·
							115,633	
		US Department of Commerce US Department of Commerce	Direct Direct		70NANB22H181 70NANB22H216	Measurement and Engineering Research and Standards Measurement and Engineering Research and Standards	198,228 127,194	
	11.003	Co Department of Commerce	Direct		TONANDZZI IZ TO	Neasurement and Engineering Research and Standards	325,422	
	12.RD	Defense Advanced Research Projects Agency	Direct		HR00112190135	Department of Defense	1,020	
	12.RD	Defense Advanced Research Projects Agency	Direct		HR00112290115	Department of Defense	714,594	400,0
	12.RD	Defense Advanced Research Projects Agency	Direct		W912CG-23-0028	Department of Defense	1,083,669	339,0
	12.RD 12.RD	Defense Advanced Research Projects Agency		Intel Federal LLC	CW2088906 5300100878	Department of Defense Department of Defense	631,671 12,720	
		Defense Advanced Research Projects Agency Defense Threat Reduction Agency		Northrop Grumman Corporation Penn State University	S003344-DTRA	Department of Defense	688,414	
	12.RD	National Defense Education Program		Logistics Management Institute	2021-23372	Department of Defense	26,475	
	12.RD	National Reconnaissance Office	Direct		NRO000-20-C-0174	Department of Defense	270,276	
	12.RD	National Security Agency	Direct		H98230-18-D-0010	Department of Defense	(6,890)	
	12.RD 12.RD	National Security Agency National Security Agency	Direct Direct		H98230-18-D-0010 Del Order 6 H98230-23-C-0279	Department of Defense Department of Defense	(2) 119,640	
		US Department of Air Force	Direct		FA8750-20-C-0537	Department of Defense	468.124	49.3
	12.RD	US Department of Air Force		Defense Advanced Research Projects Agency	FA8750-18-C-0089_HR0011832306	Department of Defense	1,261,558	-10,0
	12.RD	US Department of Air Force	Pass-Through	Fifth Gait Technologies, Inc.	n/a	Department of Defense	31,806	
	12.RD	US Department of Air Force		Georgia Tech Research Institute	D9104-S21	Department of Defense	106,992	
	12.RD 12.RD	US Department of Air Force US Department of Air Force	Pass-Through Pass-Through	Georgia Tech Research Institute HII Mission Technologies Corporation	D9104-S24 SUB1262315	Department of Defense Department of Defense	19,414 89,391	
		US Department of Air Force	Pass-Through		LX08000066	Department of Defense	21.696	
		US Department of Air Force		Massachusetts Institute of Technology	FA8702-15-D-0001_7000437184	Department of Defense	133,618	
	12.RD	US Department of Air Force	Pass-Through		ISA00000049	Department of Defense	99,481	
	12.RD 12.RD	US Department of Air Force US Department of Air Force		Science Applications International Corporation Securboration, Inc.	P010275748 FA8750-23-C-1007	Department of Defense Department of Defense	31,759 25,559	
	12.RD 12.RD	US Department of Air Force		TallannQuest LLC dba Apogee Semiconductor	ISA0000297	Department of Defense	25,559	
	12.RD	US Department of Army	Direct	railainidadar 220 aba ripogod donnoonadolor	W81XWH-20-2-0064	Department of Defense	601,619	97,4
		US Department of Army	Direct		W9132T23C0002	Department of Defense	122,315	
	12.RD	US Department of Army	Direct		603352	Department of Defense	8,663	
	12.RD 12.RD	US Department of Army US Department of Army		CFD Research Corporation Civil-Military Innovation Institute	0000004614 2021-ARL-TRACA-PP-Vandy-001	Department of Defense Department of Defense	70,267 286,735	76,9
	12.RD	US Department of Army	Pass-Through	Civil-Military Innovation Institute	2022-ARL-TRACA-PP-VANDY-001	Department of Defense	494.341	70,3
	12.RD	US Department of Army		Civil-Military Innovation Institute	2024-ARL-PROJECT-EMERGENCE-VU		272,232	
	12.RD	US Department of Army		Purdue University	13001218-088	Department of Defense	619,890	
	12.RD 12.RD	US Department of Army US Department of Army		Purdue University	13001218-110 W52P1J2093009	Department of Defense Department of Defense	1 499,100	
	12.RD 12.RD	US Department of Army		Purdue University QinetiQ Inc.	0000060259	Department of Defense	499,100	
	12.RD	US Department of Army	Pass-Through	Texas Tech University	21C003-01	Department of Defense	83,539	
	12.RD	US Department of Army	Pass-Through	Third Floor Materials, Inc	ISA00000151	Department of Defense	8,269	
	12.RD	US Department of Army		Triton Systems, Inc	TSI-5037-21-20206974	Department of Defense	109,839	
	12.RD 12.RD	US Department of Army US Department of Army		University of California Riverside University of Tennessee Knoxville	S-001580 A23-1172-S001	Department of Defense Department of Defense	65,188 125,000	
	12.RD 12.RD	US Department of Army	Pass-Through Pass-Through		VUMC111152	Department of Defense	21,227	
	12.RD	US Department of Army	Pass-Through	VUMC	VUMC111625	Department of Defense	360,652	
	12.RD	US Department of Army	Pass-Through	VUMC	VUMC111630	Department of Defense	44,908	
	12.RD	US Department of Army	Pass-Through		VUMC114402	Department of Defense	9,336	
	12.RD 12.RD	US Department of Army US Department of Army	Pass-Through Pass-Through		VUMC118601 VUMC120709	Department of Defense Department of Defense	37,932 19,851	
	12.RD	US Department of Navy	Direct	10110	B7A12568	Department of Defense	(538)	
	12.RD	US Department of Navy	Direct		N66001-21-C-4021	Department of Defense	925,291	565,
	12.RD	US Department of Navy		Defense Advanced Research Projects Agency	N6523624C8008	Department of Defense	182,434	59,8
	12.RD 12.RD	US Department of Navy		Precise Systems, Inc	N00178-14-D-7875-M808 SRA00000281	Department of Defense Department of Defense	935,592	
		US Department of Navy US Department of Navy	Pass-Through Pass-Through	SG2, LLC. Texas Tech University	21C045-01	Department of Defense	1 83,237	
		US Department of Navy		The Collaborative Composite Solutions Corp.	020-900-002-06	Department of Defense	(231)	
	12.RD	US Department of Navy	Pass-Through	Triton Systems, Inc	TSI-5068-22-20209039	Department of Defense	23,891	
	12.RD	US Department of Navy		Triton Systems, Inc	TSI-5125-23-20212907	Department of Defense	114,769	
	12.RD 12.RD	US Department of Navy Washington Handwastern Services	Pass-Through Direct	University of Michigan	SUBK00017454 HQ003423C0135	Department of Defense Department of Defense	214,990 20,563	
	12.KU	Washington Headquarters Services	Direct		HQ003423C0135	Department of Defense	12.366.961	1.588.6
	12.225	100		2201.1.1.1	2021016-142060	Commercial Technologies for Maintenance Activities Program	42,986	1,088,0
		US Department of Army		PPG Industries, Inc.				

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	12.300	US Department of Navy	Direct		N00014-20-1-2719	Basic and Applied Scientific Research	30.67	28,888
	12.300	US Department of Navy	Direct		N00014-21-1-2468	Basic and Applied Scientific Research	212,973	
		US Department of Navy	Direct		N00014-21-1-2583	Basic and Applied Scientific Research	490,310	
	12.300	US Department of Navy	Direct		N00014-22-1-2005	Basic and Applied Scientific Research	247,91	
	12.300	US Department of Navy	Direct		N00014-22-1-2033	Basic and Applied Scientific Research	179.38	
	12.300	US Department of Navy	Direct		N00014-23-1-2567	Basic and Applied Scientific Research	1,764,615	
	12.300	US Department of Navy	Direct		N00014-23-1-2507	Basic and Applied Scientific Research	101.88	
	12.300	US Department of Navy	Direct		N00014-23-1-2010	Basic and Applied Scientific Research	277,00	
	12.300	US Department of Navy	Direct		N00014-24-1-2085	Basic and Applied Scientific Research	66.19	
	12.300	US Department of Navy	Direct		N000142412233	Basic and Applied Scientific Research	179,212	
	12.300	US Department of Navy	Direct		N00173-19-1-G020	Basic and Applied Scientific Research	(230	
	12,300	US Department of Navy	Direct		N00173-22-1-G006	Basic and Applied Scientific Research	165,702	
	12.300	US Department of Navy	Direct		N001742010013	Basic and Applied Scientific Research	4.066	
	12.300	US Department of Navy	Pass-Throu	gh Penn State University	N00014-19-1-2540 S000047-ONR	Basic and Applied Scientific Research	6.50	
				, · · · · · · · · · · · · · · · · · · ·			3,726,22	1,856,423
	12.420	US Department of Army	Direct		HT94252310064	Military Medical Research and Development	143,925	5 -
	12.420	US Department of Army	Direct		HT94252310111	Military Medical Research and Development	318,060	
	12.420	US Department of Army	Direct		HT9425-23-1-0717	Military Medical Research and Development	59,373	
	12.420	US Department of Army	Direct		W81XWH-16-1-0559	Military Medical Research and Development	(209	
	12.420	US Department of Army	Direct		W81XWH-18-1-0234	Military Medical Research and Development	152	
	12.420	US Department of Army	Direct		W81XWH-18-1-0391	Military Medical Research and Development	(3)	
	12.420	US Department of Army	Direct		W81XWH-18-1-0412	Military Medical Research and Development	(4,65	
	12.420	US Department of Army	Direct		W81XWH-19-1-0089	Military Medical Research and Development	18,863	
	12.420	US Department of Army	Direct		W81XWH-19-1-0136	Military Medical Research and Development	5,886	
	12.420	US Department of Army	Direct		W81XWH-19-1-0355	Military Medical Research and Development	35,899	
	12.420	US Department of Army	Direct		W81XWH-20-1-0522	Military Medical Research and Development	(184	
	12.420	US Department of Army	Direct		W81XWH2010624	Military Medical Research and Development	210,143	
	12.420	US Department of Army	Direct		W81XWH2010938	Military Medical Research and Development	(85	
	12.420	US Department of Army	Direct		W81XWH2110162	Military Medical Research and Development	25,32	
	12.420	US Department of Army	Direct		W81XWH2210308 W81XWH2210661	Military Medical Research and Development	142,55	
	12.420 12.420	US Department of Army US Department of Army	Direct Direct		W81XWH2210661 W81XWH2211086	Military Medical Research and Development Military Medical Research and Development	50,81 396,07	
					W81XWH2211086 W81XWH2211121		396,076	
	12.420 12.420	US Department of Army US Department of Army	Direct Direct		W81XWH2211121 W81XWH2211122	Military Medical Research and Development Military Medical Research and Development	129,714	
	12.420	US Department of Army	Direct		W912HQ20C0040	Military Medical Research and Development Military Medical Research and Development	100,26	
	12.420	US Department of Army		gh Meharry Medical College	210922ZC090	Military Medical Research and Development Military Medical Research and Development	35,36	
	12.420	US Department of Army		gh University of Michigan	SUBK00018113	Military Medical Research and Development	318.20	
	12.420	US Department of Army	Pass-Throu		VUMC 94472	Military Medical Research and Development	20.96	
	12.420	US Department of Army	Pass-Throu		VUMC109713	Military Medical Research and Development	46,08	
	12.420	US Department of Army	Pass-Throu		VUMC116987	Military Medical Research and Development	11,14	
	12.420	US Department of Army	Pass-Throu		VUMC66642	Military Medical Research and Development	(9,78	
	12.420	US Department of Army	Pass-Throu		112882	Military Medical Research and Development	67,424	
						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,271,400	
	12.431	US Department of Army	Direct		W911NF-21-1-0161	Basic Scientific Research	72,493	
	12.431	US Department of Army	Direct		W911NF-23-1-0026	Basic Scientific Research	95,640	
	12.431	US Department of Army	Direct		W911NF2310042	Basic Scientific Research	81,833	
	12.431	US Department of Army	Direct		W911NF2320134	Basic Scientific Research	117,772	
	12.431	US Department of Army	Direct		W912CG2220001	Basic Scientific Research	269,153	
	12.431	US Department of Army		gh Penn State University	S001715-USARL	Basic Scientific Research	103,759	
	12.431	US Department of Army	Pass-Throu	gh VUMC	VUMC118533	Basic Scientific Research	13,34	
							753,999	
	12.750	Uniformed Services University		gh Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc	5723	Uniformed Services University Medical Research Projects	19,152	
	12.750	Uniformed Services University		gh Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc	5871	Uniformed Services University Medical Research Projects	30,303	
	12.750	Uniformed Services University	Pass-Throu	gh Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc	67279	Uniformed Services University Medical Research Projects	93,957	
	12.800 12.800	US Department of Air Force	Direct		FA8650-19-2-2214	Air Force Defense Research Sciences Program	55,448	
	12.800	US Department of Air Force US Department of Air Force	Direct		FA9550-20-1-0225	Air Force Defense Research Sciences Program	202,408	
	12.800	US Department of Air Force US Department of Air Force	Direct		FA9550-22-1-0012 FA9550-22-1-0019	Air Force Defense Research Sciences Program Air Force Defense Research Sciences Program	766,510 17,49	
	12.800	US Department of Air Force	Direct		FA9550-22-1-0471	Air Force Defense Research Sciences Program	20,605	
	12.800 12.800	US Department of Air Force	Direct Direct		FA9550-23-1-0135 FA9550-23-1-0620	Air Force Defense Research Sciences Program	67,344 93,088	
	12.800	US Department of Air Force	Direct		FM3000-23-1-0020	Air Force Defense Research Sciences Program	93,088	
	12.910	Defense Advanced Research Projects Agency		gh Loughborough University	HR00112190132	Research and Technology Development	(1,618	
	12.910	US Department of Air Force		gh Defense Advanced Research Projects Agency	FA8750-23-C-0518	Research and Technology Development	1,074,028	
	12.910	US Department of Navy	Pass-Throu	gh University of California Davis	A24-1119-S004	Research and Technology Development	29,54	
							1,101,95	
	15.506	US Department of Interior Bureau of Reclamation	Direct		R23AC00428-00	Water Desalination Research and Development	9,39	
							9,39	
	15.509	National Science Foundation	Pass-Throu	gh University of Oregon	2007W0C	Title II, Colorado River Basin Salinity Control	70,724	<u>.</u>
							70,724	

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Cluster	Assistance Listing Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
	15.926	US Department of Interior	Direct		P21AP11015-00	American Battlefield Protection	12,305	2,365
	15.944	US Department of Interior	Pass-Through	New Mexico Institute of Mining and Technology	P0025129	Natural Resource Stewardship	16,796 16,796	
	16.026	US Department of Justice	Pass-Through	University of Illinois at Urbana-Champaign	110993-19522	OVW Research and Evaluation Program	49,197 49,197	<u>.</u>
	16.053	US Department of Justice	Pass-Through	VUMC	15POVC-23-GK-01410-SAFE	Sexual Assault Forensic Examinations	1	<u>.</u>
	16.560	US Department of Justice	Direct		2016-CK-BK-K002	National Institute of Justice Research, Evaluation, and Development Project Grants	3,499	<u>.</u>
	19.010 19.010	US Department of State US Department of State		Institute of International Education, Inc. Institute of International Education, Inc.	3000258868 3000303476	Academic Exchange Programs - Hubert H. Humphrey Fellowship Program Academic Exchange Programs - Hubert H. Humphrey Fellowship Program	264 242,219 242,483	
	19.040	US Department of State	Direct		STU15022GR0038	Public Diplomacy Programs	48,016	
	19.408	US Department of State	Pass-Through	IREX	FY23-FDAI-VA-01	Academic Exchange Programs - Teachers	202,185 202,185	
	19.600	US Department of State	Pass-Through	American University of Iraq Baghdad	AUIB-DOS-001-2022	Bureau of Near Eastern Affairs	483,870 483,870	
	20.RD	US Department of Transportation	Pass-Through	University of Memphis	A23-0060-S002	Department of Transportation	4,511 4,511	
	20.215 20.215 20.215 20.215	US Department of Transportation US Department of Transportation	Direct Direct Direct Direct Direct Direct Direct Direct		693,JJ32145022 693,JJ32345010 693,JJ32345023 693,JJ32345028 693,JJ32345024 693,JJ32445037 693,JJ32445061 693,JJ32445065	Highway Training and Education Highway Training and Education	(6,528) 13,810 2,072 4,597 982 8,500 4,999 4,975	
	20.215	US Department of Transportation US Department of Transportation	Direct	Metropolitan Government of Nashville and Davidison County, Tennessee	693JJ32445096 TN-2021-015-00	Highway Training and Education Public Transportation Innovation	3,500 36,907 67,777	<u> </u>
	20.701	US Department of Transportation	Pass-Through	University of Arkansas	UA2024-405	University Transportation Centers Program	67,777 23,951 23,951	<u> </u>
	20.724	US Department of Transportation	Pass-Through	University of Nebraska Lincoln	25-1120-0020-002	Pipeline Safety Research Competitive Academic Agreement Program (CAAP)	10,599	<u> </u>
	20.820	US Department of Transportation	Pass-Through	University of Arkansas	69A3551747130 ARKANS	Maritime Studies and Innovations	25,694 25,694	
	43.RD 43.RD 43.RD	NASA Glenn Space Flight Center NASA Goddard Space Flight Center NASA Langley Research Center	Pass-Through Pass-Through Pass-Through	Space Telescope Science Institute Space Telescope Science Institute Alphacore, Inc CFD Research Corporation CFD Research Corporation Space Telescope Science Institute	HST-GO-16785.001-A HST-GO-17208.001-A UNIV82044 9289/NNX17CG10C 20200741 HST-GO-16483.003-A 80LARC24CA001	National Aeronautics and Space Administration National Aeronautics and Space Administration	(13,436) 5,916 7,194 10,097 3,876 (6,508) 165,442 172,581	- - - - - - - - - - - - - - - - - - -
	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	NASA Gidenn Space Flight Center NASA Goddard Space Flight Center		Yale University	00NSSC23K0458 80NSSC20K0447 80NSSC20K140 80NSSC21K0241 80NSSC21K1029 80NSSC21K1029 80NSSC21K1029 80NSSC23K1422 80NSSC23K0512 80NSSC23K1444 80NSSC23K1444 80NSC23K1444 80NSC23K1444 80NSC23K1444 80NSC23K1444 80NSC2X	Science Science Science Science Science Science Science Science Science Science Science	26,812 91,764 (837) 181,485 (15,131) 109,185 804,662 239,925 178,250 43,069 69,995 92,945 11,846 1,833,970	13,510 349,943 157,487 - - - 520,940
		NASA Langley Research Center	Pass-Through Direct	George Washington University	21-S06 80NSSC20K1466	Aeronautics Exploration	98,107 98,107 16,702 16,702	

Cluster	Assistance Listing Number		Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
	43.008	NASA Langley Research Center	Direct		80NSSC20M0126	Education	927,361	448,552
	43.008	NASA Langley Research Center	Pass-Through	National Institute of Aerospace	C20-202035-VU	Education	927.187	448.552
	43.012	NASA Armstrong Flight Research Center	Direct		80NSSC20K0108	Space Technology	(4,570)	-
	43.012	NASA Goddard Space Flight Center	Direct		80NSSC20K0294	Space Technology	31,806	
		NASA Goddard Space Flight Center	Direct		80NSSC21K0766	Space Technology	384,948	210,647
	43.012 43.012	NASA Goddard Space Flight Center NASA Goddard Space Flight Center	Direct Direct		80NSSC22K1201 80NSSC23K1198	Space Technology Space Technology	52,095 59,390	
		NASA Goddard Space Flight Center		Carnegie Mellon University	1110262-478809	Space Technology Space Technology	59,390 64,980	
	-10.012	n on obdatio opaco riigin contor	r uso milougii			opace realineagy	588,649	210,647
		National Endowment for the Arts	Direct		1891792-38-22	Promotion of the Arts_Grants to Organizations and Individuals	16,364	10,000
	45.024	National Endowment for the Arts	Direct		1904671-31-23	Promotion of the Arts_Grants to Organizations and Individuals	12,350	<u> </u>
							28,714	10,000
	45.025	National Endowment for the Arts	Pass-Through	Tennessee Arts Commission	31625-17982	Promotion of the Arts Partnership Agreements	13,124	<u> </u>
	45.149	National Endowment for the Humanities	Doop Through	Texas A & M University	M2303434	Promotion of the Humanities Division of Preservation and Access	42,945	<u> </u>
	43.143		r ass- mough	Texas A a w oniversity	W2303434		42,945	
	45.160	National Endowment for the Humanities	Direct		FEL-282430-22	Promotion of the Humanities_Fellowships and Stipends	33,749	-
							33,749	
		National Endowment for the Humanities	Direct		RFW-292005-23	Promotion of the Humanities Research	12,389	
	45.161	National Endowment for the Humanities	Direct		RFW-299388-24	Promotion of the Humanities Research	12,978	<u> </u>
							25,367	<u> </u>
	45.162	National Endowment for the Humanities	Direct		AKB-270212-20	Promotion of the Humanities_Teaching and Learning Resources and Curriculum Development	23,303	-
		National Endowment for the Humanities	Direct		ZED-283644-22	Promotion of the Humanities_Teaching and Learning Resources and Curriculum Development	95,963	-
		National Endowment for the Humanities National Endowment for the Humanities		The Teagle Foundation The Teagle Foundation	2005505 2005578	Promotion of the Humanities_Teaching and Learning Resources and Curriculum Development Promotion of the Humanities_Teaching and Learning Resources and Curriculum Development	17,503	
	43.102		r ass- mough	The reagier ouridation	200370	Frenchen of the Humanites_Freaching and Learning Resources and Controlloin Development	136,777	
	45,169	National Endowment for the Humanities	Direct		DR-290440-23	Promotion of the Humanities_Office of Digital Humanities	36	
	45.169	National Endowment for the Humanities	Direct		HAA-280775-21	Promotion of the Humanities_Office of Digital Humanities	13,585	2,365
		National Endowment for the Humanities	Direct		HAA-284842-22	Promotion of the Humanities_Office of Digital Humanities	12,323	
	45.169 45.169	National Endowment for the Humanities National Endowment for the Humanities	Direct Direct		HAA-287475-22 HAA-293452-23	Promotion of the Humanities_Office of Digital Humanities Promotion of the Humanities_Office of Digital Humanities	39,994 148,483	
	45.169	National Endowment for the Humanities	Direct		HAA-293452-23 HT-281157-21	Promotion of the Humanities_Office of Digital Humanities Promotion of the Humanities_Office of Digital Humanities	148,483 52.267	21 386
							266,688	23,751
	45.312	Institute of Museum Services	Pass-Through	Nashville Public Library Foundation	NAZA/NPL	National Leadership Grants	(554)	
							(554)	<u> </u>
		National Science Foundation	Direct		OIA2246337	National Science Foundation	123,734	
		National Science Foundation National Science Foundation	Direct Pass-Through	American Educational Research Association	2408923 NSF-DRL #1749275	National Science Foundation National Science Foundation	141,876 4,925	-
	47.RD	National Science Foundation	Pass-Through	American Educational Research Association	blank1	National Science Foundation	4,925	
	47.RD	National Science Foundation	Pass-Through	American Educational Research Association	blank2	National Science Foundation	6,673	
	47.RD	National Science Foundation	Pass-Through	American Educational Research Association	1749275	National Science Foundation	11,914	
		National Science Foundation	Pass-Through		N/A2	National Science Foundation	949	-
	47.RD 47.RD	National Science Foundation National Science Foundation	Pass-Through Pass-Through	American Political Science Association National Bureau of Economic Research	N/A1 n/a	National Science Foundation National Science Foundation	13,248 8,200	
	47.KD	National Science Foundation	Fass- mough	National Bureau of Economic Research	1Va	National Science Foundation	312,284	
	47.041	National Science Foundation	Direct		CBET1554623	Engineering Grants	100,223	
		National Science Foundation	Direct		CBET1805126	Engineering Grants	7.514	
	47.041	National Science Foundation	Direct		CBET1828299	Engineering Grants	47,837	
		National Science Foundation	Direct		CBET1903685	Engineering Grants	28,570	
	47.041	National Science Foundation	Direct		CBET1921320	Engineering Grants	32,903	
	47.041 47.041	National Science Foundation National Science Foundation	Direct Direct		CBET1944134 CBET2017998	Engineering Grants	68,134 151,676	
		National Science Foundation National Science Foundation	Direct		CBE12017998 CBET2033800	Engineering Grants Engineering Grants	151,676 450,241	
	47.041	National Science Foundation	Direct		CBET2035085	Engineering Grants	123.479	
	47.041	National Science Foundation	Direct		CBET2052438	Engineering Grants	148,242	
	47.041	National Science Foundation	Direct		CBET2114278	Engineering Grants	108,645	
	47.041 47.041	National Science Foundation National Science Foundation	Direct Direct		CMMI1734461 CMMI1846860	Engineering Grants Engineering Grants	5,937 132,466	-
		National Science Foundation National Science Foundation	Direct		CMMI1846860 CMMI1903645	Engineering Grants Engineering Grants	132,466 23.996	
	47.041	National Science Foundation	Direct		CMMI1944559	Engineering Grants	87,443	
	47.041	National Science Foundation	Direct		CMMI2019796	Engineering Grants	(116)	
	47.041	National Science Foundation	Direct		CMMI2029181	Engineering Grants	69,123	-
	47.041 47.041	National Science Foundation National Science Foundation	Direct		CMMI2050255 ECCS2028001	Engineering Grants	79,389 91,481	-
		National Science Foundation National Science Foundation	Direct Direct		ECCS2028001 ECCS2037673	Engineering Grants Engineering Grants	91,481 110,368	
	47.041	National Science Foundation	Direct		ECCS2143836	Engineering Grants	61,777	-
	47.041	National Science Foundation	Direct		EEC1642895	Engineering Grants	(3,075)	
	47.041	National Science Foundation	Direct		EEC1916534	Engineering Grants	10,403	-
	47.041	National Science Foundation	Direct		EEC1933109	Engineering Grants	(1,256)	-

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	47.041	National Science Foundation	Direct		EECS1810088	Engineering Grants	28,846	
	47.041		Direct		EFMA1935278	Engineering Grants	299.532	157,044
	47.041	National Science Foundation	Direct		IIP1735762	Engineering Grants	158,404	-
	47.041		Direct		2124002	Engineering Grants	227,881	119,155
	47.041	National Science Foundation	Direct		2129083	Engineering Grants	(1,073)	
	47.041		Direct		2152450	Engineering Grants	57,334	-
	47.041	National Science Foundation	Direct		2115392	Engineering Grants	13,656	9,646
	47.041		Direct		2151571	Engineering Grants	144,265	-
	47.041	National Science Foundation	Direct		2152928	Engineering Grants	20,510	-
	47.041		Direct		2151392	Engineering Grants	76,363	-
	47.041 47.041		Direct		2217621 2222404	Engineering Grants	512,124 87,504	60,555
	47.041	National Science Foundation	Direct Direct		2237639	Engineering Grants Engineering Grants	114,500	
	47.041		Direct		2239361	Engineering Grants	129,378	
	47.041		Direct		2329976	Engineering Grants	57.836	
	47.041	National Science Foundation	Direct		2325417	Engineering Grants	9,275	
	47.041	National Science Foundation	Direct		2322892	Engineering Grants	35,273	
	47.041	National Science Foundation	Direct		2328276	Engineering Grants	113,053	-
	47.041		Direct		2406022	Engineering Grants	959	-
	47.041	National Science Foundation		University of Utah	10061242-01-VAND	Engineering Grants	158,100	-
	47.041	National Science Foundation		Cornell University	136009-20811	Engineering Grants	63,139	-
	47.041	National Science Foundation	Pass-Through	University of Maryland College Park	103696-Z3794205	Engineering Grants	128,567	
							4,370,826	346,400
	47.049	National Science Foundation	Direct		AST2007993	Mathematical and Physical Sciences	46.038	
	47.049	National Science Foundation	Direct		CHE1847804	Mathematical and Physical Sciences	285,185	
	47.049	National Science Foundation	Direct		CHE1847813	Mathematical and Physical Sciences	98,976	
	47.049	National Science Foundation	Direct		DME2052849	Mathematical and Physical Sciences	20,949	
	47.049		Direct		DMR1852157	Mathematical and Physical Sciences	63,519	-
	47.049	National Science Foundation	Direct		DMS1853989	Mathematical and Physical Sciences	2,596	-
	47.049		Direct		DMS2000214	Mathematical and Physical Sciences	10,987	
	47.049	National Science Foundation	Direct		DMS2005368	Mathematical and Physical Sciences	48,585	-
	47.049 47.049		Direct Direct		DMS2054184 DMS2107701	Mathematical and Physical Sciences Mathematical and Physical Sciences	61,603 53,340	-
	47.049		Direct		PHY1945366	Mathematical and Physical Sciences Mathematical and Physical Sciences	129,016	-
	47.049	National Science Foundation	Direct		2149863	Mathematical and Physical Sciences	215.660	
	47.049		Direct		2234176	Mathematical and Physical Sciences	1,510	
	47.049		Direct		2244050	Mathematical and Physical Sciences	93,148	
	47.049	National Science Foundation	Direct		2314578	Mathematical and Physical Sciences	9,674	
	47.049		Direct		2422651	Mathematical and Physical Sciences	60	
	47.049	National Science Foundation	Direct		2415358	Mathematical and Physical Sciences	10,296	
	47.049	National Science Foundation	Direct		2349888	Mathematical and Physical Sciences	17,203	
	47.049		Direct		2111554	Mathematical and Physical Sciences	493,697	
	47.049		Direct		2104300	Mathematical and Physical Sciences	32,905	
	47.049		Direct		2128240	Mathematical and Physical Sciences	162,527	-
	47.049	National Science Foundation	Direct		2119575	Mathematical and Physical Sciences	364,407	
	47.049		Direct		2146016	Mathematical and Physical Sciences	93,015	-
	47.049	National Science Foundation	Direct		2210471	Mathematical and Physical Sciences	172,437	
	47.049 47.049	National Science Foundation National Science Foundation	Direct Direct		2208030 2221646	Mathematical and Physical Sciences Mathematical and Physical Sciences	65,259 100,756	
	47.049		Direct		2155144	Mathematical and Physical Sciences	156,998	-
	47.049		Direct		2217759	Mathematical and Physical Sciences	46,014	
	47.049		Direct		2205719	Mathematical and Physical Sciences	103.248	
	47.049	National Science Foundation	Direct		2245564	Mathematical and Physical Sciences	96,004	
	47.049		Direct		2305161	Mathematical and Physical Sciences	176,483	
	47.049		Direct		2307719	Mathematical and Physical Sciences	22,499	
	47.049	National Science Foundation	Direct		2307888	Mathematical and Physical Sciences	80,275	
	47.049		Direct		2319441	Mathematical and Physical Sciences	45,606	-
	47.049	National Science Foundation	Direct		2340457	Mathematical and Physical Sciences	33,247	-
	47.049		Direct		2338970	Mathematical and Physical Sciences	43,229	-
	47.049	National Science Foundation	Direct		2349507	Mathematical and Physical Sciences	118,365	
	47.049 47.049	National Science Foundation National Science Foundation	Direct		2350113 2400040	Mathematical and Physical Sciences Mathematical and Physical Sciences	14,391 48.005	
	47.049		Direct Direct		2400040 2349575	Mathematical and Physical Sciences Mathematical and Physical Sciences	48,005	
	47.049	National Science Foundation	Direct		2349575 2417920	Mathematical and Physical Sciences	38,744 88,056	
	47.049		Direct		2405032	Mathematical and Physical Sciences Mathematical and Physical Sciences	37,263	
	47.049	National Science Foundation	Pass-Through	Florida International University	000725	Mathematical and Physical Sciences	148,701	
	47.049	National Science Foundation	Pass-Through	Texas A & M University	M2304621	Mathematical and Physical Sciences	74,554	
	47.049	National Science Foundation		University of Chicago	AWD104291 (SUB00000970)	Mathematical and Physical Sciences	20,501	
	47.049	National Science Foundation	Pass-Through	University of Nebraska Lincoln	25-0521-0244-019	Mathematical and Physical Sciences	20,411	
	47.049	National Science Foundation	Pass-Through	Cornell University	79433-20671	Mathematical and Physical Sciences	17,847	
	47.049	National Science Foundation		Oregon State University	S2270B-Q	Mathematical and Physical Sciences	99,664	
	47.049	National Science Foundation		University of Notre Dame	QUARKNET 2020	Mathematical and Physical Sciences	3,234	
							4,186,687	
	47.050	National Salance Foundation	Direct		AGS1554998	Casasianasa	62.198	
		National Science Foundation National Science Foundation	Direct Direct		EAR1735992	Geosciences Geosciences	4,316	
			2				4,010	

Cluster	Assistance Listing Number	Cluster/Title/Federal Grantor/Program	Type Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
	47.050	National Science Foundation	Direct	EAR1830122	Geosciences	(729)	-
	47.050	National Science Foundation	Direct	EAR1830172	Geosciences	39,879	10,906
	47.050	National Science Foundation	Direct	EAR1948659	Geosciences	26,060	-
	47.050	National Science Foundation	Direct	FAIN 1455198	Geosciences	(1,557)	
	47.050	National Science Foundation	Direct	ICER1801362	Geosciences	12,877	
	47.050	National Science Foundation	Direct	ICER1928112	Geosciences	145,300	-
	47.050 47.050	National Science Foundation National Science Foundation	Direct Direct	OPP1842542 OPP1847173	Geosciences Geosciences	122,122 126,630	
	47.050	National Science Foundation	Direct	2232215	Geosciences	604,406	45,702
	47.050	National Science Foundation	Direct	2102884	Geosciences	68,160	-10,7 02
	47.050	National Science Foundation	Direct	2221906	Geosciences	114,038	
	47.050	National Science Foundation	Direct	2202883	Geosciences	86,717	-
	47.050	National Science Foundation	Direct	2303298	Geosciences	11,062	
	47.050	National Science Foundation	Direct	2324735	Geosciences	38,936	
	47.070		Direct	CCF1910017	Computer and Information Science and Engineering	1,460,415	56,608
	47.070	National Science Foundation National Science Foundation	Direct	CNS1521617	Computer and Information Science and Engineering Computer and Information Science and Engineering	(43,948)	
	47.070	National Science Foundation	Direct	CNS1840052	Computer and Information Science and Engineering	99.612	
	47.070	National Science Foundation	Direct	CNS1931931	Computer and Information Science and Engineering	49,728	
	47.070	National Science Foundation	Direct	CNS1952011	Computer and Information Science and Engineering	556,848	276,317
	47.070	National Science Foundation	Direct	CNS2052742	Computer and Information Science and Engineering	124,890	
	47.070	National Science Foundation	Direct	IIS1750994	Computer and Information Science and Engineering	53,752	
	47.070 47.070	National Science Foundation National Science Foundation	Direct	IIS1763966 IIS1940069	Computer and Information Science and Engineering	232,416 7.458	-
	47.070	National Science Foundation	Direct Direct	IIS2006616	Computer and Information Science and Engineering Computer and Information Science and Engineering	7,458	
	47.070	National Science Foundation	Direct	IIS2000010	Computer and Information Science and Engineering	19.239	
	47.070	National Science Foundation	Direct	IIS201700	Computer and Information Science and Engineering	83,594	
	47.070	National Science Foundation	Direct	2208670	Computer and Information Science and Engineering	210,774	
	47.070	National Science Foundation	Direct	2228183	Computer and Information Science and Engineering	183,116	
	47.070	National Science Foundation	Direct	2231543	Computer and Information Science and Engineering	20,493	-
	47.070 47.070	National Science Foundation	Direct	2228864	Computer and Information Science and Engineering	153,091	-
	47.070	National Science Foundation National Science Foundation	Direct Direct	2312033 2333932	Computer and Information Science and Engineering Computer and Information Science and Engineering	408,852 279,666	
	47.070	National Science Foundation	Direct	2321684	Computer and Information Science and Engineering	40,502	-
	47.070	National Science Foundation	Direct	2333936	Computer and Information Science and Engineering	116,374	-
	47.070	National Science Foundation	Direct	2322029	Computer and Information Science and Engineering	284,558	60,116
	47.070	National Science Foundation	Direct	2122640	Computer and Information Science and Engineering	187,094	
	47.070	National Science Foundation	Direct	2106717	Computer and Information Science and Engineering	6,796	
	47.070 47.070	National Science Foundation	Direct	2135579	Computer and Information Science and Engineering	280,160	37,196
	47.070	National Science Foundation National Science Foundation	Direct Direct	2151500 2127748	Computer and Information Science and Engineering Computer and Information Science and Engineering	854,669 165,484	
	47.070	National Science Foundation	Direct	2153232	Computer and Information Science and Engineering	41,428	
	47.070	National Science Foundation	Direct	2135309	Computer and Information Science and Engineering	44,911	40,306
	47.070	National Science Foundation	Direct	2144551	Computer and Information Science and Engineering	79,272	-
	47.070	National Science Foundation	Direct	2211429	Computer and Information Science and Engineering	84,329	
	47.070	National Science Foundation	Direct	2220426	Computer and Information Science and Engineering	16,818	-
	47.070 47.070	National Science Foundation National Science Foundation	Direct Direct	2220401 2228370	Computer and Information Science and Engineering Computer and Information Science and Engineering	140,192 (25)	(16)
	47.070	National Science Foundation	Direct	2230087	Computer and Information Science and Engineering	7,287	(10)
	47.070	National Science Foundation	Direct	2207891	Computer and Information Science and Engineering	63,975	
	47.070	National Science Foundation	Direct	2225890	Computer and Information Science and Engineering	388,257	98,671
	47.070	National Science Foundation	Direct	2243161	Computer and Information Science and Engineering	224,691	
	47.070	National Science Foundation	Direct	2238815	Computer and Information Science and Engineering	34,643	-
	47.070 47.070	National Science Foundation	Direct	2301014 2327708	Computer and Information Science and Engineering	252,015	118,033
	47.070	National Science Foundation National Science Foundation	Direct Direct	2312391	Computer and Information Science and Engineering Computer and Information Science and Engineering	174,631 47,672	
	47.070	National Science Foundation	Direct	2321961	Computer and Information Science and Engineering	22,525	
	47.070	National Science Foundation	Direct	2239881	Computer and Information Science and Engineering	99,907	
	47.070	National Science Foundation	Direct	2333207	Computer and Information Science and Engineering	13,482	-
	47.070	National Science Foundation	Direct	2339898	Computer and Information Science and Engineering	22,300	
	47.070 47.070	National Science Foundation National Science Foundation	Direct	2339637 AWD-004128-G2	Computer and Information Science and Engineering	18,804 377,846	-
	47.070	National Science Foundation	Pass-Through Georgia Institute of Technology Pass-Through University of California, Santa Cruz	AVVD-004128-G2 A22-0123-S004	Computer and Information Science and Engineering Computer and Information Science and Engineering	90,325	
	47.070	National Science Foundation	Pass-Through Florida International University	000321	Computer and Information Science and Engineering	9,702	
	47.070	National Science Foundation	Pass-Through University of Houston	R-22-0016	Computer and Information Science and Engineering	4,341	
	47.070	National Science Foundation	Pass-Through University of Washington	UWSC13203	Computer and Information Science and Engineering	187,799	
	47.070	National Science Foundation	Pass-Through Wayne State University	WSU20081 UNIV61638	Computer and Information Science and Engineering	162,434	-
						7,036,527	630,623
	47.074	National Science Foundation National Science Foundation	Direct Direct	IOS1936843 IOS1949145	Biological Sciences Biological Sciences	291,851 176.616	-
	47.074	National Science Foundation	Direct	MCB1928918	Biological Sciences Biological Sciences	145,319	
	47.074	National Science Foundation	Direct	MCB2018661	Biological Sciences	205,739	
	47.074	National Science Foundation	Direct	MCB2036809	Biological Sciences	32,294	
	47.074	National Science Foundation	Direct	2330665	Biological Sciences	43,608	
	47.074	National Science Foundation	Direct	2341288	Biological Sciences	55,899	-

Cluster	Assistance Listing Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
	47.074	National Science Foundation	Direct		2110404	Biological Sciences	128,066	
	47.074	National Science Foundation	Direct		2114264	Biological Sciences	122,973	
	47.074	National Science Foundation	Direct		2117782	Biological Sciences	285,046	
	47.074	National Science Foundation	Direct		2224897	Biological Sciences	113,175	
	47.074	National Science Foundation	Direct		2327982	Biological Sciences	130,308	
	47.074	National Science Foundation	Direct		2316467	Biological Sciences	25,351	
	47.074	National Science Foundation	Pass-Through	University of Puerto Rico	2023-003	Biological Sciences	5,989	
	47.074	National Science Foundation	Pass-Through	Arizona State University	ASUB00000350	Biological Sciences	3,153	
							1,765,387	-
	47.075	National Science Foundation	Direct		BCS1840896	Social, Behavioral, and Economic Sciences	(11,670)	
	47.075	National Science Foundation	Direct		BCS1940896 BCS1918824	Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	2,644	
	47.075	National Science Foundation	Direct		BCS1921492	Social, Behavioral, and Economic Sciences	(1,445)	
	47.075	National Science Foundation	Direct		BCS2034013	Social, Behavioral, and Economic Sciences	2,325	
	47.075	National Science Foundation	Direct		BCS2039136	Social, Behavioral, and Economic Sciences	30,910	
	47.075	National Science Foundation	Direct		BCS2142090	Social, Behavioral, and Economic Sciences	145,535	32,636
	47.075	National Science Foundation	Direct		SES 1851690	Social, Behavioral, and Economic Sciences	3,843	3,843
	47.075	National Science Foundation	Direct		SES2017162	Social, Behavioral, and Economic Sciences	52,130	
	47.075	National Science Foundation	Direct		SES2049808	Social, Behavioral, and Economic Sciences	5,494	
	47.075	National Science Foundation	Direct		2150143	Social, Behavioral, and Economic Sciences	198,186	
	47.075	National Science Foundation	Direct		1829148	Social, Behavioral, and Economic Sciences	53,788	-
	47.075	National Science Foundation	Direct		2042285	Social, Behavioral, and Economic Sciences	102,226	-
	47.075	National Science Foundation	Direct		2116778	Social, Behavioral, and Economic Sciences	51,614	
	47.075	National Science Foundation	Direct		2147017	Social, Behavioral, and Economic Sciences	194,654	-
	47.075	National Science Foundation	Direct		2146969	Social, Behavioral, and Economic Sciences	79,351	
	47.075	National Science Foundation	Direct		2214309	Social, Behavioral, and Economic Sciences	94,432	-
	47.075 47.075	National Science Foundation National Science Foundation	Direct Direct		2214992 2215186	Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	100,171 26.617	78,475
	47.075	National Science Foundation	Direct		2215186	Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	167,914	-
	47.075	National Science Foundation	Direct		221/4/8 2214299	Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	8,690	-
	47.075	National Science Foundation	Direct		221594	Social, Behavioral, and Economic Sciences	122,024	
	47.075	National Science Foundation	Direct		2147064	Social, Behavioral, and Economic Sciences	273,052	
	47.075	National Science Foundation	Direct		2228607	Social, Behavioral, and Economic Sciences	8,152	
	47.075	National Science Foundation	Direct		2217889	Social, Behavioral, and Economic Sciences	64,935	
	47.075	National Science Foundation	Direct		2235572	Social, Behavioral, and Economic Sciences	16,553	
	47.075	National Science Foundation	Direct		2326901	Social, Behavioral, and Economic Sciences	101,168	
	47.075	National Science Foundation	Direct		2316474	Social, Behavioral, and Economic Sciences	59,971	
	47.075	National Science Foundation	Direct		2322837	Social, Behavioral, and Economic Sciences	24,077	
	47.075	National Science Foundation	Pass-Through	Arizona State University	ASUB00001430	Social, Behavioral, and Economic Sciences	3,646	-
	47.075	National Science Foundation		Duke University	SRA00000214	Social, Behavioral, and Economic Sciences	25,000	
	47.075	National Science Foundation	Pass-Through	University of California Berkeley	172812439	Social, Behavioral, and Economic Sciences	20,929	-
							2,026,916	114,954
	47.076	National Science Foundation	Direct		DGE1652825	Education and Human Resources	61,098	
	47.076	National Science Foundation	Direct		DGE1922697	Education and Human Resources	652,878	39,584
	47.076	National Science Foundation	Direct		DGE1937391	Education and Human Resources	45,676	
	47.076	National Science Foundation	Direct		DGE1937963	Education and Human Resources	3,042,947	-
	47.076	National Science Foundation	Direct		DRL1621088	Education and Human Resources	6,075	-
	47.076	National Science Foundation	Direct		DRL1742257	Education and Human Resources	282	-
	47.076	National Science Foundation	Direct		DRL1813008	Education and Human Resources	35,848	
	47.076 47.076	National Science Foundation National Science Foundation	Direct Direct		DRL1908791 DRI 1949472	Education and Human Resources Education and Human Resources	318,548 144 423	
	47.076	National Science Foundation National Science Foundation	Direct		DRL1949472 DRL2010207	Education and Human Resources Education and Human Resources	144,423 64,681	
	47.076	National Science Foundation	Direct		DRL2010207 DRL2010237	Education and Human Resources	64,681 24,794	
	47.076	National Science Foundation	Direct		DRL2055597	Education and Human Resources	200.221	
	47.076	National Science Foundation	Direct		DRI 2100784	Education and Human Resources	757,390	101.695
	47.076	National Science Foundation	Direct		DUE1852875	Education and Human Resources	114,476	(5,658)
	47.076	National Science Foundation	Direct		DUE1915487	Education and Human Resources	106.394	(-,)
	47.076	National Science Foundation	Direct		2101356	Education and Human Resources	806,529	60,688
	47.076	National Science Foundation	Direct		2125764	Education and Human Resources	686,119	70,949
	47.076	National Science Foundation	Direct		2100328	Education and Human Resources	423,728	223,976
	47.076	National Science Foundation	Direct		2150600	Education and Human Resources	14,291	
	47.076	National Science Foundation	Direct		2213168	Education and Human Resources	9,544	
	47.076	National Science Foundation	Direct		2145260	Education and Human Resources	169,112	-
	47.076	National Science Foundation	Direct		2235244	Education and Human Resources	79,121	-
	47.076	National Science Foundation	Direct		2302817	Education and Human Resources	25,692	
	47.076	National Science Foundation	Direct		2241814	Education and Human Resources	381,349	
	47.076	National Science Foundation	Direct		2300024	Education and Human Resources	240,705	-
	47.076	National Science Foundation	Direct		2312057	Education and Human Resources	65,672	-
	47.076	National Science Foundation	Direct	Hali saniti of Minesoni	2344789 C00068139-1	Education and Human Resources	7,086	
	47.076 47.076	National Science Foundation National Science Foundation		University of Missouri VUMC	C00068139-1 VUMC95818	Education and Human Resources Education and Human Resources	173,125 52.965	-
	47.076	National Science Foundation	Pass-Through Pass-Through	Education Development Center, Inc	12434 2019-0302	Education and Human Resources Education and Human Resources	52,965 180,476	
	47.076	National Science Foundation National Science Foundation	Pass-Through Pass-Through	Education Development Center, Inc North Carolina State University	12434 2019-0302 2021-1592-03	Education and Human Resources Education and Human Resources	1,043,066	
	47.076	National Science Foundation	Pass-Through Pass-Through	Sonoma State University	2021-1592-03 119960	Education and Human Resources	80.963	
	47.076	National Science Foundation		Tennessee State University	332.77-19.0887	Education and Human Resources	5,412	
	47.076	National Science Foundation		Tennessee State University	HRD1826954	Education and Human Resources	28,421	

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1 Note Note Notable:	47.07	6 National Science Foundation	Pass-Through	University of Washington	UWSC12923	Education and Human Resources	31,166	
							10,080,273	491,234
α Note base for which we have α			Direct					397,841
								-
	47.07	9 National Science Foundation	Direct		2245029	Office of International Science and Engineering		<u> </u>
							659,240	397,841
Image	47.08	3 National Science Foundation	Direct		QIA2040462	Office of Integrative Activities	1.711	
	47.08							
	47.08	3 National Science Foundation	Direct		2134862		1,634,525	860,824
							1.655.376	860,824
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81.RD US Department of Energy Chicago Pass-Throug Sandia National Laboratory 249276 Department of Energy 23.464 81.RD US Department of Energy Chicago Pass-Throug Sandia National Laboratory 254274 Department of Energy 23.464 81.RD US Department of Energy Chicago Pass-Throug Sandia National Laboratory 254274 Department of Energy 30.860 81.RD US Department of Energy Chicago Pass-Throug UT Batalle, LLC CM49838 Department of Energy 71.57 81.RD US Department of Energy Chicago Pass-Throug UT Batalle, LLC CM5040 Department of Energy 31.965 81.RD US Department of Energy Chicago- Pass-Throug UT Batalle, LLC CM50547 Department of Energy 31.955 81.RD US Department of Energy Chicago- Pass-Throug Lawrence Berkeley National Laboratory 760522 Department of Energy 61.923 81.RD US Department of Energy Chicago-old Pass-Throug Lawrence Berkeley National Laboratory 760522 Department of Energy 67.74 81.RD US Department of Energy Chicago-old Pass-Throug Lawrence Berkeley National Labora								
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81.RD US Department of Energy Chicago Pess-Through UT-Battelle, LLC CWS 0440 Department of Energy Constraint of Energy <th< td=""><td></td><td>US Department of Energy Chicago</td><td>Pass-Through</td><td>UT-Battelle, LLC</td><td></td><td>Department of Energy</td><td></td><td></td></th<>		US Department of Energy Chicago	Pass-Through	UT-Battelle, LLC		Department of Energy		
81.RD US Department of Energy Chicago Pass-Through UT-Battelle, LLC CW5525 Department of Energy 51,359 81.RD US Department of Energy Chicago-old Pass-Through Lawrence Berkeley National Laboratory 760362 Department of Energy 67,47 81.RD US Department of Energy Chicago-old Pass-Through Lawrence Berkeley National Laboratory 487709 Department of Energy 652)		US Department of Energy Chicago	Pass-Through	UT-Battelle, LLC			75,157	-
81.RD US Department of Energy Chicago-old Pass-Through Lawrence Berkeley National Laboratory 760362 Department of Energy 95,714 81.RD US Department of Energy Chicago-old Pass-Through Lawrence Berkeley National Laboratory 760362 Department of Energy 95,714 81.RD US Department of Energy Chicago-old Pass-Through Los Alamos National Laboratory 487709 Department of Energy (852)								-
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81.KD US Department of Energy Chicago-old Pass-Through Los Alamos National Laboratory 487709 Department of Energy (65.2) 81.FD US Department of Energy Chicago eld Pass-Through Los Alamos National Laboratory (70.2)								-
		US Department of Energy Chicago-old						
81.RD US Department of Energy Chicago-old Pass-Through Sandia National Laboratory PO 2297537 Department of Energy 13,908	81.RI	US Department of Energy Chicago-old	Pass-Through	Sandia National Laboratory	PO 2297537	Department of Energy	13,908	-

Cluster	Assistance Listing Number		Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
	81.RD	US Department of Energy Chicago-old	Pass-Through	Sandia National Laboratory	PO2185860	Department of Energy	129,558	
	81.RD	US Department of Energy Chicago-old	Pass-Through	Sandia National Laboratory	2170670	Department of Energy	33,896	
	81.RD	US Department of Energy Chicago-old	Pass-Through	UT-Battelle, LLC	4000101604	Department of Energy	23,983	
	81.RD	US Department of Energy Golden	Pass-Through	National Renewable Energy Laboratory	SUB-2022-10428	Department of Energy	94.803	
	81.RD	US Department of Energy Idaho	Pass-Through	Electric Power Research Institute	10015331	Department of Energy	267,023	
	81.RD	US Department of Energy Idaho	Pass-Through	Idaho National Laboratory	281284	Department of Energy	60,440	
	81.RD	US Department of Energy National Energy Technology Laboratory	Pass-Through	Chattanooga Area Regional Transportation Authority	2197-2092 UNIV61952	Department of Energy	117,362	
	81.RD	US Department of Energy National Nuclear Security Administration	Pass-Through	Honeywell Federal Manufacturing & Technologies, LLC	N000466636	Department of Energy	152,554	
	81.RD	US Department of Energy National Nuclear Security Administration	Pass-Through	Honeywell Federal Manufacturing & Technologies, LLC	N000519492	Department of Energy	4,937	
	81.RD	US Department of Energy National Nuclear Security Administration	Pass-Through	Jefferson Science Associates, LLC	23-D0741	Department of Energy	22,826	
	81.RD	US Department of Energy National Nuclear Security Administration	Pass-Through	Lawrence Livermore National Security, LLC	B655969	Department of Energy	104,020	
	81.RD	US Department of Energy National Nuclear Security Administration	Pass-Through	Triad National Security, LLC	17296	Department of Energy	30,218	-
	81.RD	US Department of Energy Nuclear Energy	Pass-Through	Jefferson Science Associates, LLC	23-P0934	Department of Energy	2,238,035	<u> </u>
	81.049	US Department of Energy Chicago	Direct		DEFG0592ER40712	Office of Science Financial Assistance Program	1,223,714	<u> </u>
	81.049	US Department of Energy Chicago	Direct		DE-FOA-0000995	Office of Science Financial Assistance Program	168,321	
	81.049	US Department of Energy Chicago	Direct		DE-SC0005220	Office of Science Financial Assistance Program	167,934	
	81.049	US Department of Energy Chicago	Direct		DE-SC0019404	Office of Science Financial Assistance Program	93,560	
	81.049	US Department of Energy Chicago	Direct		DE-SC0022207	Office of Science Financial Assistance Program	535,569	252,405
	81.049	US Department of Energy Chicago	Direct		DE-SC0022237	Office of Science Financial Assistance Program	(3,252)	
	81.049	US Department of Energy Chicago	Direct		DE-SC0022915	Office of Science Financial Assistance Program	165,095	
	81.049	US Department of Energy Chicago	Direct		DE-SC0023320	Office of Science Financial Assistance Program	222,297	
	81.049	US Department of Energy Chicago	Direct		DE-SC0024347	Office of Science Financial Assistance Program	81,052	
	81.049	US Department of Energy Chicago	Direct		DE-SC0024660	Office of Science Financial Assistance Program	127,000	-
	81.049	US Department of Energy Chicago	Direct		ER46554	Office of Science Financial Assistance Program	275,382	-
	81.049	US Department of Energy Chicago	Pass-Through		G0211A-C	Office of Science Financial Assistance Program	192,575	-
	81.049	US Department of Energy Chicago	Pass-Through		140776 WSU001148	Office of Science Financial Assistance Program	262,110	-
	81.049	US Department of Energy Chicago-old	Pass-Through	J. Craig Venter Institute	JCVI-17-013	Office of Science Financial Assistance Program	95,852	-
	81.049 81.049	US Department of Energy Chicago-old	Pass-Through	Johns Hopkins University	2004007094 0738	Office of Science Financial Assistance Program	1,107	
	81.049	US Department of Energy Chicago-old US Department of Energy Chicago-old	Pass-Through Pass-Through	Rutgers, The State University of New Jersey University of New Mexico	25406A-870A	Office of Science Financial Assistance Program Office of Science Financial Assistance Program	(1,867) (4,911)	
	81.049	US Department of Energy Germantown	Direct	Oniversity of New Mexico	DE-FC01-06EW07053	Office of Science Financial Assistance Program	3,672,639	1,175,450
	01.040	oo boparanona oi Enorgy connancem	Bildot		521001002101000		7,274,177	1,427,855
	81.086	US Department of Energy National Energy Technology Laboratory	Pass-Through	University of California Berkeley	#10315	Conservation Research and Development	37,687 37,687	<u> </u>
	81.089	National Energy Technology Laboratory	Pass-Through	University of Kentucky	3200004445-22-150	Fossil Energy Research and Development	57,524	
	81.089	National Energy Technology Laboratory		University of Kentucky Research Foundation	3200003651-23-221	Fossil Energy Research and Development	112,721	
							170,245	<u> </u>
	81.121	US Department of Energy Nuclear Energy	Direct		DE-NE0008905	Nuclear Energy Research, Development and Demonstration	67,875	9,714
	81.121	US Department of Energy Nuclear Energy	Direct		DE-NE0009086	Nuclear Energy Research, Development and Demonstration	45,081	
	81.121	US Department of Energy Nuclear Energy	Direct		DE-NE0009342	Nuclear Energy Research, Development and Demonstration	363,286	64,405
	81.121	US Department of Energy Nuclear Energy	Direct		DE-NE0009387	Nuclear Energy Research, Development and Demonstration	78,513 554,755	74,119
	81.135	Advanced Research Project Agency - Energy	Direct		DE_AR0001035	Advanced Research Projects Agency - Energy	19	
	81.135	Advanced Research Project Agency - Energy	Pass-Through	Georgia Institute of Technology	AWD-001312-G1	Advanced Research Projects Agency - Energy	265,413	
	81.135	Advanced Research Project Agency - Energy	Pass-Through	North Carolina State University	2022-1921-01	Advanced Research Projects Agency - Energy	770,211	
							1,035,643	<u> </u>
	84.RD	US Department of Education	Pass-Through	Metropolitan Government of Nashville and Davidison County, Tennessee	2-218740-26 METRO/ED	Department of Education	(587)	<u> </u>
	84.015	US Department of Education	Direct		P015A180040	National Resource Centers Program for Foreign Language and Area Studies or Foreign Language	(587)	<u> </u>
	84.015	US Department of Education	Direct		P015A180040 P015A220155	National Resource Centers Program for Polegin Language and Area Studies of Polegin Language and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language	13,785	
	84.015	US Department of Education	Direct		P015B180040	and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language	270,686	-
	84.015	US Department of Education	Direct		P015B220149	and International Studies Program and Foreign Language and Area Studies Fellowship Program National Resource Centers Program for Foreign Language and Area Studies or Foreign Language	1,363	-
						and International Studies Program and Foreign Language and Area Studies Fellowship Program	258,263 544,097	<u> </u>
	84.126	US Department of Education	Pass-Through	TN Department of Human Services	34570-91018	Rehabilitation Services_Vocational Rehabilitation Grants to States	916,118 916,118	<u> </u>
	84.181	US Department of Education	Pass-Through	State of Tennessee, Department of Intellectual and Developmental Disabilities (DIDD)	34401-99243-HCB	Special Education-Grants for Infants and Families	764,670	<u> </u>
	84.206	US Department of Education	Pass-Through	Purdue University	19100104-003	Javits Gifted and Talented Students Education	764,670 53,266	<u> </u>
							53,266	
	84.305	US Department of Education	Direct		R305A210130	Education Research, Development and Dissemination	397,219	-
	84.305 84.305	US Department of Education US Department of Education	Direct Direct		R305A210347 R305A220054	Education Research, Development and Dissemination Education Research, Development and Dissemination	444,274 398,606	128,984
	04.303	o Deparament di Education	Direct		10004220004	Loudation research, Davaruphnent and Disseminiation	390,000	120,304

Assistance

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uster Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	
84.305		Direct		R305A230061	Education Research, Development and Dissemination	617,261	297,05
84.305	US Department of Education	Direct		R305N240024	Education Research, Development and Dissemination	32,929	
84.305	US Department of Education	Pass-Through		GR130994/SPC-1000011660	Education Research, Development and Dissemination	45,719	
84.305	US Department of Education	Pass-Through		SPC-1000011273 GR130628	Education Research, Development and Dissemination	43,578	
84.305	US Department of Education		Purdue University	19100069-038	Education Research, Development and Dissemination	29,251	
84.305	US Department of Education	Pass-Through		UTAUS-SUB00000572	Education Research, Development and Dissemination	180,552	
84.305	US Department of Education	Pass-Through		SA0003548	Education Research, Development and Dissemination	22,950 21,344	
84.305 84.305	US Department of Education	Pass-Through		FP00006869_SA002 FP00015845_SA001	Education Research, Development and Dissemination		
84.305 84.305	US Department of Education	Pass-Through			Education Research, Development and Dissemination	82,273 97,879	00.54
84.305	US Department of Education US Department of Education	Pass-Through	American Institute for Research Harvard University	0467100003_R305N180005 108164-5110834_R305A190034	Education Research, Development and Dissemination Education Research, Development and Dissemination	12,509	93,54
84.305	US Department of Education		National Opinion Research Center	R305A190298	Education Research, Development and Dissemination Education Research, Development and Dissemination	12,509 (6)	
84.305	US Department of Education			511148-02		(6) 97,468	
84.305	US Department of Education	Pass-Through		SUB00001829_R305A190079	Education Research, Development and Dissemination Education Research, Development and Dissemination	97,468	
84.305	US Department of Education	Pass-Through	University of Florida	SUB0001829_K305A190079	Education Research, Development and Dissemination	2,600,354	519,58
84.324	US Department of Education	Direct		R324A180004	Research in Special Education	(129,023)	
84.324	US Department of Education	Direct		R324A180171	Research in Special Education	7,925	
84.324	US Department of Education	Direct		R324A190177	Research in Special Education	762,066	
84.324	US Department of Education	Direct		R324A200101	Research in Special Education	633,128	287,55
84.324	US Department of Education	Direct		R324A200193	Research in Special Education	407,178	177,34
84.324	US Department of Education	Direct		R324A210021	Research in Special Education	1,284,996	545,57
84.324	US Department of Education	Direct		R324A230154	Research in Special Education	204,861	
84.324	US Department of Education	Direct		R324B210004	Research in Special Education	162,286	
84.324	US Department of Education	Direct		R324B220003	Research in Special Education	136,082	64,91
84.324	US Department of Education	Direct		R324R200003	Research in Special Education	573,921	
84.324	US Department of Education	Pass-Through		FP00013506_SA002	Research in Special Education	51,234	
84.324	US Department of Education	Pass-Through		R324A180004	Research in Special Education	202,288	
84.324	US Department of Education	Pass-Through		FY2021-010	Research in Special Education	230,424	
84.324	US Department of Education		University of Texas at Austin	UTA19-000645_R324A190072	Research in Special Education	359,477	
84.324	US Department of Education	Pass-Through	University of Texas at Austin	UTAUS-SUB00000678AM1	Research in Special Education	34,794	
84.324	US Department of Education	Pass-Through	WestEd	S-00017659	Research in Special Education	14,831	
						4,936,468	1,075,39
84.325 84.325	US Department of Education US Department of Education	Direct		H325D170004 H325D170005	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	31,355 108,158	
84.325 84.325					Special Education - Personnel Development to Improve Services and Results for Children with Disabilities		
84.325 84.325	US Department of Education	Direct		H325D180086	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	203,379	
84.325	US Department of Education US Department of Education	Direct		H325D180095 H325D190005	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	172,428 247.885	
84.325	US Department of Education	Direct		H325D220040	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	226,488	
84.325 84.325	US Department of Education	Direct		H325D220055	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	219,714	
84.325 84.325	US Department of Education US Department of Education	Direct		H325D220072 H325E170001	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	253,660 (174,941)	1.21
84.325 84.325	US Department of Education US Department of Education	Direct		H325E170001 H325E220001	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	(174,941) 1,275,683	1,21 74,30
84.325		Direct		H325E220001 H325H190003			
84.325	US Department of Education US Department of Education	Direct		H325K170014	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	1,209,423 35,021	738,03
					Special Education - Personnel Development to Improve Services and Results for Children with Disabilities Special Education - Personnel Development to Improve Services and Results for Children with Disabilities		
84.325 84.325	US Department of Education	Direct		H325K180148 H325K180175		96,794 156,471	
84.325	US Department of Education	Direct		H325K180175 H325K190020	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	172,943	
	US Department of Education				Special Education - Personnel Development to Improve Services and Results for Children with Disabilities		
84.325	US Department of Education	Direct		H325K190049	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	210,020	
84.325	US Department of Education	Direct		H325K190056	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	286,360	
84.325	US Department of Education	Direct		H325K200036	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	271,883	
84.325	US Department of Education	Direct		H325K210014	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	215,438	
84.325	US Department of Education	Direct	T O (1) ()	H325K230016	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	18,524	
84.325	US Department of Education		Texas Christian University	25707-23-01	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	31,437	
84.325	US Department of Education	Pass-Through		UWSC14107	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	85,987	
84.325	US Department of Education		University of Connecticut Health Center	H325H190004_UCHC7-127394347	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	87,590	
84.325	US Department of Education	Pass-Through	VUMC	VUMC 79059	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	(12,071) 5,429,629	813.55
84.326	US Department of Education	Direct		H326M180002	Special Education_Technical Assistance and Dissemination to Improve Services and		
84.326	US Department of Education	Pass-Through	University of South Florida	5830-1649-00-A	Results for Children with Disabilities Special Education_Technical Assistance and Dissemination to Improve Services and	(18,192)	
		-	,		Results for Children with Disabilities	148,644	
84.326	US Department of Education		University of Florida	SUB00002470	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	113,056	
84.326	US Department of Education	Pass-Through	University of South Florida	H326B170003	Special Education_Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities	(39,470)	
						204,038	
84.327	US Department of Education	Direct		H327R230005	Special Education Educational Technology Media, and Materials for Individuals with Disabilities	259.715	
84.327	US Department of Education	Pass-Through	Benetech	ISA00000427	Special Education Educational Technology Media, and Materials for Individuals with Disabilities	52,852	
84.327	US Department of Education		University of Iowa	S04347-01	Special Education Educational Technology Media, and Materials for Individuals with Disabilities	39.681	
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04.327							
	US Department of Education	Direct		R 411 A 22000E	Investing in Innevation (2) Fund	352,248	25.40
84.411	US Department of Education	Direct		S411A220005	Investing in Innovation (i3) Fund	352,248 1,451,994 1,451,994	35,49

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	Listing	e					Federal	Passed Through to
Cluster	Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	
	93.RD	Agency for Healthcare Research and Quality	Pass-Through	VUMC	VUMC93554	Department of Health and Human Services	60,277	-
	93.RD	National Institutes of Health		Carnegie Mellon University	1090719 - 473495	Department of Health and Human Services	9,949	-
	93.RD	National Institutes of Health		Johns Hopkins University Applied Physics Laboratory	181557	Department of Health and Human Services	3,433	-
	93.RD	National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	22X093	Department of Health and Human Services	277,587	
	93.RD 93.RD	National Institutes of Health National Institutes of Health	Pass-Through	Leidos Biomedical Research, Inc.	22X099 Mod 7B – MYC/MAX Dimer n/a	Department of Health and Human Services	4,312,171	-
	93.RD 93.RD	National Institutes of Health National Institutes of Health	Pass-Through	Lynntech, Inc. VUMC	n/a TBD	Department of Health and Human Services Department of Health and Human Services	80,787	-
	93.RD 93.RD	National Institutes of Health		VUMC	VUMC102326	Department of Health and Human Services	(2.996)	-
	93.RD	National Institutes of Health		VUMC	VUMC102326	Department of Health and Human Services	(2,990) 46,682	
	93.RD 93.RD	National Institutes of Health		VUMC	VUMC98350	Department of Health and Human Services	46,682	-
	93.RD	National Institutes of Health	Pass-Through	VUMC	103753	Department of Health and Human Services	69.015	
	93.RD	National Institutes of Health	Direct	VOMO	75N95020P00369	Department of Health and Human Services	82,515	
	93.RD	National Institutes of Health		Leidos Biomedical Research, Inc.	UNIV55070 Wnt A4	Department of Health and Human Services	(572)	
	93.RD	National Institutes of Health		Leidos Biomedical Research, Inc.	UNIV55070-A8	Department of Health and Human Services	665	
	93.RD	National Institutes of Health		Leidos Biomedical Research, Inc.	UNIV61254-A3	Department of Health and Human Services	(1,063)	
	93.RD	National Institutes of Health		Leidos Biomedical Research, Inc.	UNIV61790-A2	Department of Health and Human Services	(170)	
	93.RD	National Institutes of Health		University of California San Francisco	R35GM127087	Department of Health and Human Services	9.926	
	93.RD	National Institutes of Health		VUMC	75N93019C00074	Department of Health and Human Services	59,294	
	93.RD	National Institutes of Health	Pass-Through	VUMC	DK020593	Department of Health and Human Services	(8.365)	
	93.RD	National Institutes of Health	Pass-Through	VUMC	VUMC 59340	Department of Health and Human Services	11,092	
	93.RD	National Institutes of Health	Pass-Through		VUMC84487	Department of Health and Human Services	13.770	
	93.RD	Tennessee Valley Authority	Direct		SRA00000244	Department of Health and Human Services	77.273	
	93.RD	National Institutes of Health	Pass-Through	VUMC	5 P01 HL116263-04	Department of Health and Human Services	(231)	
							5.111.825	· <u> </u>
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	93.110	Health Resources and Services Administration	Pass-Through	VUMC	VUMC59924	Maternal and Child Health Federal Consolidated Programs	822	·
							822	
	93.113	National Institutes of Health	Direct		1 R01 ES026955-01A1	Environmental Health	(21,862)	
	93,113	National Institutes of Health	Direct		1F31ES034957-01	Environmental Health	32,433	
	93.113	National Institutes of Health	Direct		1K99ES034058-01	Environmental Health	3,179	
	93.113	National Institutes of Health	Direct		1R01ES030575-01A1	Environmental Health	375,677	
	93.113	National Institutes of Health	Direct		1R01ES034847-01	Environmental Health	507,544	
	93.113	National Institutes of Health	Direct		2 R01 ES010546-16	Environmental Health	(24,564)	
	93.113	National Institutes of Health	Direct		2T32ES007028-45-49	Environmental Health	504,025	11,357
	93.113	National Institutes of Health	Direct		R01ES029357	Environmental Health	214,119	
	93.113	National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	1R01ES028269-01A1	Environmental Health	115,884	<u> </u>
							1,706,435	11,357
	93.121	National Institutes of Health	Page-Through	University of Buffalo	R1136496, UNIV 60392	Oral Diseases and Disorders Research	93,930	·
	35.121	National institutes of realth	r ass-rniougn	University of Bunalo	11130430, 01117 00332		93,930	·
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	93.136	Centers for Disease Control and Prevention		University of Chicago	AWD101386	Injury Prevention and Control Research and State and Community Based Programs	42,102	
	93.136	Centers for Disease Control and Prevention		University of South Alabama	A20-OI 93-S002	Injury Prevention and Control Research and State and Community Based Programs	111,806	
	93.136	Centers for Disease Control and Prevention	Pass-Through	University of Louisville	ULRF15-1357C-03A	Injury Prevention and Control Research and State and Community Based Programs	1,400	<u> </u>
							155,308	-
	93.172	National Institutes of Health	Direct		RHG011018A	Human Genome Research	131,923	40,647
	93,172	National Institutes of Health	Pass-Through	VUMC	VUMC95886	Human Genome Research	53,265	-10,0-11
	93.172	National Institutes of Health		Bioventures, Inc.	R24HG009470-01A1	Human Genome Research	(1,442)	
	93,172	National Institutes of Health	Pass-Through		VUMC 60003	Human Genome Research	124,020	
							307,766	40.647
								40,047
	93.173	National Institutes of Health	Direct		1F30DC019510	Research Related to Deafness and Communication Disorders	32,329	
	93.173	National Institutes of Health National Institutes of Health	Direct		1F30DC020917-01	Research Related to Deafness and Communication Disorders	32,534 4,392	-
	93.173 93.173	National Institutes of Health National Institutes of Health	Direct Direct		1F31DC020112-01 1F31DC020129-01A1	Research Related to Deafness and Communication Disorders Research Related to Deafness and Communication Disorders	4,392 33,757	
	93.173 93.173	National Institutes of Health National Institutes of Health	Direct		1F31DC020388-01 1F31DC021108-01	Research Related to Deafness and Communication Disorders Research Related to Deafness and Communication Disorders	2,992 25.343	-
	93.173 93.173	National Institutes of Health National Institutes of Health	Direct		1F31DC021108-01 1R01DC018171-01	Research Related to Dearness and Communication Disorders Research Related to Deafness and Communication Disorders	25,343 667,967	42,834
	93.173 93.173	National Institutes of Health National Institutes of Health	Direct		1R01DC018171-01 1R01DC019787-01A1	Research Related to Dearness and Communication Disorders Research Related to Deafness and Communication Disorders	508,998	42,834 24,672
	93.173	National Institutes of Health	Direct		1T32DC020141-01A1	Research Related to Dealness and Communication Disorders	184.162	24,672
	93.173	National Institutes of Health	Direct		1U01DC017135	Research Related to Dealness and Communication Disorders Research Related to Deafness and Communication Disorders	873,908	415.604
	93.173	National Institutes of Health	Direct		2R01DC014037-06	Research Related to Dealness and Communication Disorders	456.577	111.826
	93.173	National Institutes of Health		Medical University of South Carolina	A22-0327-S001	Research Related to Dealness and Communication Disorders Research Related to Deafness and Communication Disorders	456,577 315,163	
	93.173	National Institutes of Health		University of Maryland College Park	116124-Z0503201	Research Related to Deafness and Communication Disorders	11,034	
	93.173	National Institutes of Health		University of Maryland College Park	131866-Z0681201	Research Related to Dearness and Communication Disorders	16,215	
	93.173	National Institutes of Health		VUMC	VUMC 84912	Research Related to Dealness and Communication Disorders	5,574	
	93.173	National Institutes of Health		VUMC	VUMC107017	Research Related to Deafness and Communication Disorders	18,438	
	93.173	National Institutes of Health		VUMC	VUMC107022	Research Related to Dealness and Communication Disorders	20,439	
	93,173	National Institutes of Health	Pass-Through	VUMC	VUMC107854	Research Related to Deafness and Communication Disorders	7,375	
	93.173	National Institutes of Health		VUMC	VUMC109538	Research Related to Deafness and Communication Disorders	10,505	
	93,173	National Institutes of Health		VUMC	VUMC117558	Research Related to Deafness and Communication Disorders	1.501	
	93.173	National Institutes of Health		VUMC	VUMC95679	Research Related to Deafness and Communication Disorders	8,751	
	93.173	National Institutes of Health		University of Pittsburgh	0062738(132446-1)	Research Related to Deafness and Communication Disorders	34,562	
	93.173	National Institutes of Health		VUMC	VUMC 72178	Research Related to Deafness and Communication Disorders	13,071	
	93.173	National Institutes of Health	Pass-Through		VUMC64813	Research Related to Deafness and Communication Disorders	3,960	
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Cluster	Assistance Listing Number		Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
Cluster	Number		туре	rass-mough Grantor	Award identifier	Assistance Listing Program The	Experiatures	Subrecipients
	93.173	National Institutes of Health	Pass-Through	VUMC	VUMC79562	Research Related to Deafness and Communication Disorders	266,685	<u> </u>
							3,556,232	594,936
	93.213	National Institutes of Health	Direct		1R21AT011813-01	Research and Training in Complementary and Integrative Health	94,414	
							94,414	-
	93.225	Agency for Healthcare Research and Quality	Pass-Through	VUMC	VUMC115079	National Research Service Awards Health Services Research Training	58,898	-
							58,898	
	93.226	Agency for Healthcare Research and Quality	Pass-Through		VUMC101017	Research on Healthcare Costs, Quality and Outcomes	8,316	-
	93.226	Agency for Healthcare Research and Quality	Pass-Through		VUMC77177	Research on Healthcare Costs, Quality and Outcomes	9,419	-
	93.226 93.226	National Institutes of Health National Institutes of Health	Pass-Through		VUMC 68739 VUMC 73417	Research on Healthcare Costs, Quality and Outcomes	4,932 99,229	-
	93.226	National Institutes of Health	Pass-Through	VUMC	VUMC 73417	Research on Healthcare Costs, Quality and Outcomes	121,896	<u> </u>
					150018 100070 01			<u> </u>
	93.233	National Institutes of Health	Direct		1F30HL168976-01	National Center on Sleep Disorders Research	32,663	<u> </u>
	93.242	National Institutes of Health	Direct		1 F31 MH108281-01	Mental Health Research Grants	(2,857)	<u> </u>
	93.242	National Institutes of Health	Direct		1F30MH127808-01A1	Mental Health Research Grants Mental Health Research Grants	(2,857) 42,257	
	93.242	National Institutes of Health	Direct		1F30MH132165-01	Mental Health Research Grants	32,646	
	93.242	National Institutes of Health	Direct		1F31MH127863-01A1	Mental Health Research Grants	32,118	
	93.242	National Institutes of Health	Direct		1F31MH132197-01A1	Mental Health Research Grants	30,743	-
	93.242	National Institutes of Health	Direct		1F31MH135650-01	Mental Health Research Grants	23,539	
	93.242	National Institutes of Health	Direct		1K01MH115811-01A1	Mental Health Research Grants	160,408	50,000
	93.242	National Institutes of Health	Direct		1K01MH125073-01A1	Mental Health Research Grants	153,928	-
	93.242	National Institutes of Health	Direct		1K01MH129760-01A1	Mental Health Research Grants	47,691	-
	93.242	National Institutes of Health	Direct		1K23MH131753-01A1	Mental Health Research Grants	151,652	-
	93.242 93.242	National Institutes of Health National Institutes of Health	Direct Direct		1R01MH110378-01A1 1R01MH123474-01A1	Mental Health Research Grants Mental Health Research Grants	(6,110) 504,105	
	93.242	National Institutes of Health	Direct		1R01MH123687-01A1	Mental Health Research Grants Mental Health Research Grants	504,105	173,908
	93.242	National Institutes of Health	Direct		1R01MH128967-01	Mental Health Research Grants	427,330	-
	93.242	National Institutes of Health	Direct		1R01MH129634-01	Mental Health Research Grants	742,920	49,315
	93.242	National Institutes of Health	Direct		1R01MH129641-01	Mental Health Research Grants	824,380	111,773
	93.242	National Institutes of Health	Direct		1R01MH130364-01A1	Mental Health Research Grants	613,272	166,295
	93.242	National Institutes of Health	Direct		1R01MH130537-01A1	Mental Health Research Grants	73,419	-
	93.242	National Institutes of Health	Direct		1R01MH131950-01A1	Mental Health Research Grants	136,839	-
	93.242	National Institutes of Health National Institutes of Health	Direct Direct		1R01MH132686-01 1R01MH132918-01A1	Mental Health Research Grants Mental Health Research Grants	631,262 373,329	317,889
	93.242 93.242	National Institutes of Health	Direct		1R01MH136569-01	Mental Health Research Grants Mental Health Research Grants	373,329 39,391	-
	93.242	National Institutes of Health	Direct		1R03MH128649-01	Mental Health Research Grants	26.328	(69)
	93.242	National Institutes of Health	Direct		1R21MH127563-01	Mental Health Research Grants	47,383	(00)
	93.242	National Institutes of Health	Direct		1R61MH119270-01A1	Mental Health Research Grants	148,781	146,289
	93.242	National Institutes of Health	Direct		1R61MH131751-01A1	Mental Health Research Grants	432,804	79,526
	93.242	National Institutes of Health	Direct		1RF1MH123971-01	Mental Health Research Grants	280,604	-
	93.242	National Institutes of Health	Direct		1RF1MH125931-01A1	Mental Health Research Grants	346,979	15,531
	93.242 93.242	National Institutes of Health National Institutes of Health	Direct Direct		1RF1MH125933-01A1 1S10MH130456-01A1	Mental Health Research Grants Mental Health Research Grants	487,130 597,770	244,566
	93.242 93.242	National Institutes of Health	Direct		2R01MH062646-22A1	Mental Health Research Grants	652,890	-
	93.242	National Institutes of Health	Direct		2R01MH062646-22A1 2R01MH066198	Mental Health Research Grants	159,132	
	93.242	National Institutes of Health	Direct		2R01MH070727-17A1	Mental Health Research Grants	834,267	
	93.242	National Institutes of Health	Direct		2R01MH073676-16A1	Mental Health Research Grants	434,061	
	93.242	National Institutes of Health	Direct		2R01MH084989-08-A1	Mental Health Research Grants	342	
	93.242	National Institutes of Health	Direct		2R56MH081060-12A1	Mental Health Research Grants	(5,001)	-
	93.242	National Institutes of Health	Direct		2R56MH084989-13A1	Mental Health Research Grants	316,965	-
	93.242 93.242	National Institutes of Health National Institutes of Health	Direct Direct		2T32 MH064913-16-20 2T32MH018921-31	Mental Health Research Grants Mental Health Research Grants	115,092 368,291	-
		National Institutes of Health National Institutes of Health					368,291 278,348	-
	93.242 93.242	National Institutes of Health National Institutes of Health	Direct Direct		2T32MH065215-16A1 4R00MH113764	Mental Health Research Grants Mental Health Research Grants	278,348 (46)	
	93.242	National Institutes of Health	Direct		4R00MH116100-03	Mental Health Research Grants	84,857	
	93.242	National Institutes of Health	Direct		4R00MH117235-03	Mental Health Research Grants	81,375	
	93.242	National Institutes of Health	Direct		4R33MH106748	Mental Health Research Grants	292,716	-
	93.242	National Institutes of Health	Direct		4R33MH115125-03	Mental Health Research Grants	274,922	
	93.242	National Institutes of Health	Direct		4R33MH119270-03	Mental Health Research Grants	284,840	171,833
	93.242	National Institutes of Health	Direct		7R01MH116675-04	Mental Health Research Grants	197,947	
	93.242	National Institutes of Health	Direct		7R01MH117996-04	Mental Health Research Grants	183,821	63,915
	93.242 93.242	National Institutes of Health National Institutes of Health	Direct Direct		7R34MH123584-04 F31MH127817	Mental Health Research Grants Mental Health Research Grants	64,321	15,000
	93.242 93.242	National Institutes of Health National Institutes of Health	Direct		F31MH127817 R00MH117274	Mental Health Research Grants Mental Health Research Grants	34,250 (61)	
	93.242	National Institutes of Health	Direct		R01MH119673	Mental Health Research Grants	672,482	-
	93.242	National Institutes of Health	Direct		R01MH124671	Mental Health Research Grants	701,512	54,965
	93.242	National Institutes of Health		Harvard University	151260.5114598.0006	Mental Health Research Grants	43,500	
	93.242	National Institutes of Health	Pass-Through		ISA00000484	Mental Health Research Grants	18,592	
	93.242	National Institutes of Health			158696	Mental Health Research Grants	63,290	-
	93.242 93.242	National Institutes of Health National Institutes of Health	Pass-Through		VUMC105990 VUMC107921	Mental Health Research Grants Mental Health Research Grants	16,539 14,173	-
	93.242 93.242	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through		VUMC107921 VUMC115980	Mental Health Research Grants Mental Health Research Grants	14,173 88,918	
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phase Result result Pais Train Pais Train <td></td> <td>93.247</td> <td>Health Resources and Services Administration</td> <td>Direct</td> <td></td> <td>2T96HP32512-04-00</td> <td>Advanced Nursing Education Grant Program</td> <td></td> <td></td>		93.247	Health Resources and Services Administration	Direct		2T96HP32512-04-00	Advanced Nursing Education Grant Program		
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13.72 Name Deci PSAM40280 (rAI About Results Programs 3.73 13.73 Name Deci TSAM0110 (rA) About Results Programs 3.74 13.74 Name Deci TSAM0110 (rA) About Results Programs 3.75 13.74 Name Deci TSAM0110 (rA) About Results Programs 3.75 13.74 Name Deci TSAM0110 (rA) About Results Programs 3.75 13.74 Name Deci TSAM0110 (rA) About Results Programs 3.75 13.74 Name Deci TSAM0110 (rA) About Results Programs 3.75 13.74 Name Deci TSAM0110 (rA) About Results Programs 3.75 13.74 Name Deci TSAM0110 (rA) About Results Programs 3.75 13.74 Name Deci TSAM0110 (rA) About Results Programs 3.75 13.74 Name Deci TSAM010 (rA) About Results Programs 3.75 13.74 Namout Results Program		93.262	Centers for Disease Control and Prevention	Pass-Through	HeroWear, LLC	2023100612B	Occupational Safety and Health Program		
								46,330	<u> </u>
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31.27 Mixed Headers of Header Dest TS1AAACBASEON1 Autor Research Program 33.28 31.27 Mixed Headers of Header Dest Histor Headers of Header 33.28 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.28 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.68 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.68 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.68 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.61 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.61 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.61 31.28 Mixed Headers of Header Dest Histor Headers of Header 16.17 31.28 Mixed Headers of Header Dest Histor Headers of Header 16.17 31.28 Mixed Headers of Header Dest Histor Headers of Header 16.17 31.28 Mixed Headers of Header Dest <td></td> <td>93.273</td> <td>National Institutes of Health</td> <td>Direct</td> <td></td> <td>1F30AA031190-01</td> <td>Alcohol Research Programs</td> <td>31,976</td> <td>, ر ا</td>		93.273	National Institutes of Health	Direct		1F30AA031190-01	Alcohol Research Programs	31,976	, ر ا
31.27 Mixed Headers of Header Dest TS1AAACBASEON1 Autor Research Program 33.28 31.27 Mixed Headers of Header Dest Histor Headers of Header 33.28 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.28 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.68 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.68 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.68 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.61 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.61 31.28 Mixed Headers of Header Dest Histor Headers of Header 32.61 31.28 Mixed Headers of Header Dest Histor Headers of Header 16.17 31.28 Mixed Headers of Header Dest Histor Headers of Header 16.17 31.28 Mixed Headers of Header Dest Histor Headers of Header 16.17 31.28 Mixed Headers of Header Dest <td></td> <td>93.273</td> <td>National Institutes of Health</td> <td>Direct</td> <td></td> <td>1F30AA27126</td> <td></td> <td>1.642</td> <td><u>,</u> .</td>		93.273	National Institutes of Health	Direct		1F30AA27126		1.642	<u>,</u> .
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93.279 National Institutes of Health Pass-Through Base Pair Biotechnologies, Inc 4R44DA047866-02 Drug Abuse and Addiction Research Programs (45)									
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								4,511,290	492,285

Passed

Assistance

	Listing	B					Federal	Through to
Cluster	Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	
	93.283	Centers for Disease Control	Pass-Through	VIIMO	VUMC102786	Centers for Disease Control and Prevention. Investigations and Technical Assistance	21.735	
	93.203	Centers for Disease Control	Fass- Milough	VOINC	V0MC102786	Centers for Disease Control and Prevention_Investigations and Technical Assistance	21,735	
	93.286	National Institutes of Health	Direct		1E31EB035917-01	Discovery and Applied Research for Technological Innovations to Improve Human Health	7,020	
	93.286	National Institutes of Health	Direct		1R01EB026901-01A1	Discovery and Applied Research for Technological Innovations to Improve Human Health	210,336	
	93.286	National Institutes of Health	Direct		1R01EB027498-01A1	Discovery and Applied Research for Technological Innovations to Improve Human Health	167,871	
	93.286	National Institutes of Health	Direct		1R01EB028161-01	Discovery and Applied Research for Technological Innovations to Improve Human Health	32,499	
	93.286	National Institutes of Health	Direct		1R01EB028690-01	Discovery and Applied Research for Technological Innovations to Improve Human Health	200,717	
	93.286 93.286	National Institutes of Health National Institutes of Health	Direct		1R01EB030414-01 1R01EB032382-01	Discovery and Applied Research for Technological Innovations to Improve Human Health	(2,283) 248,309	
	93.286 93.286	National Institutes of Health National Institutes of Health	Direct		1R01EB032382-01 1R01EB033385-01	Discovery and Applied Research for Technological Innovations to Improve Human Health Discovery and Applied Research for Technological Innovations to Improve Human Health	248,309 704,206	78,025 390,946
	93.286	National Institutes of Health	Direct		1R01EB033885-01	Discovery and Applied Research for Technological Innovations to Improve Human Health	521,398	
	93.286	National Institutes of Health	Direct		1R01EB035591-01	Discovery and Applied Research for Technological Innovations to Improve Human Health	322	
	93.286	National Institutes of Health	Direct		2R01EB017230-05A1	Discovery and Applied Research for Technological Innovations to Improve Human Health	663,595	339,735
	93.286	National Institutes of Health	Direct		2R01EB019409-06A1	Discovery and Applied Research for Technological Innovations to Improve Human Health	293,851	
	93.286	National Institutes of Health	Direct		2T32EB021937-06	Discovery and Applied Research for Technological Innovations to Improve Human Health	250,128	
	93.286	National Institutes of Health		Base Pair Biotechnologies, Inc	BPB-Vand-2023-001	Discovery and Applied Research for Technological Innovations to Improve Human Health	79,602	-
	93.286	National Institutes of Health		Endo Theia, Inc	ISA00000130	Discovery and Applied Research for Technological Innovations to Improve Human Health	35,378	
	93.286 93.286	National Institutes of Health National Institutes of Health	Pass-Through	University of Tennessee Knoxville University of Tennessee Space Institute	A23-0012-S002 A24-0607-Vanderbilt	Discovery and Applied Research for Technological Innovations to Improve Human Health Discovery and Applied Research for Technological Innovations to Improve Human Health	148,537 5.646	
	93.286	National Institutes of Health	Pass-Through		VUMC103759	Discovery and Applied Research for Technological Innovations to Improve Human Health	(13.248)	۰. ۱
	93.286	National Institutes of Health	Pass-Through	VUMC	VUMC111355	Discovery and Applied Research for Technological Innovations to Improve Human Health	58.858	
	93.286	National Institutes of Health	Pass-Through		VUMC97863	Discovery and Applied Research for Technological Innovations to Improve Human Health	6,252	
	93.286	National Institutes of Health	Pass-Through	Yaya Scientific, LLC	ISA00000496	Discovery and Applied Research for Technological Innovations to Improve Human Health	16,803	
	93.286	National Institutes of Health		Yaya Scientific, LLC	POD001-22-001	Discovery and Applied Research for Technological Innovations to Improve Human Health	40,708	
	93.286	National Institutes of Health		University of California Berkeley	9722	Discovery and Applied Research for Technological Innovations to Improve Human Health	(6,637)	
	93.286	National Institutes of Health		University of California Davis	A21-0684-S001	Discovery and Applied Research for Technological Innovations to Improve Human Health	168,090	
	93.286 93.286	National Institutes of Health National Institutes of Health		University of Illinois at Urbana-Champaign	1R01EB028615-01 5108995	Discovery and Applied Research for Technological Innovations to Improve Human Health	129,234 (169)	
	93.286	National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	VUMC 77171	Discovery and Applied Research for Technological Innovations to Improve Human Health Discovery and Applied Research for Technological Innovations to Improve Human Health	(169)	
	93.286	National Institutes of Health	Pass-Through		VUMC96309	Discovery and Applied Research for Technological Innovations to Improve Human Health	42,277	
							4,004,554	
	93.307	National Institutes of Health	Direct		1R21MD015159-01A	Minority Health and Health Disparities Research	90,675	12,792
	93.307	National Institutes of Health	Direct		1R21MD017332-01	Minority Health and Health Disparities Research	96,905	
	93.307	National Institutes of Health	Direct		7R01MD017477-03	Minority Health and Health Disparities Research	280,033	233,973
	93.307	National Institutes of Health		Rush University Medical Center	18060410-Sub02	Minority Health and Health Disparities Research	105,711	
	93.307	National Institutes of Health	Pass-Through		VUMC118459	Minority Health and Health Disparities Research	51,981	
	93.307 93.307	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through		VUMC123045 VUMC97555	Minority Health and Health Disparities Research Minority Health and Health Disparities Research	4,030 34,924	
	93.307	National Institutes of Health	Pass-Through	Meharry Medical College	Meharry - 170406MFL060-06	Minority Health and Health Disparities Research	(11,509)	
	33.307	National Institutes of Health	r ass-rniougir	Weitarry Wedical College	Wenarry - 170-00Wir 2000-00	Winning Freduction of Population Research	652,750	
	93,310	National Institutes of Health	Direct		1DP2GM146255-01	Trans-NIH Research Support	511.894	
	93.310	National Institutes of Health	Direct		1DP2GM146321-01	Trans-NIH Research Support	615,508	
	93.310	National Institutes of Health	Direct		1DP50D031843-01	Trans-NIH Research Support	478,833	
	93.310	National Institutes of Health	Direct		1R03TR004196-01	Trans-NIH Research Support	23,852	
	93.310	National Institutes of Health	Direct		1U01CA235508-01	Trans-NIH Research Support	41,685	559
	93.310	National Institutes of Health	Direct		1U54DK134302-01	Trans-NIH Research Support	2,640,274	
	93.310 93.310	National Institutes of Health		Tennessee State University	1U010D33244-01	Trans-NIH Research Support	17,375	
	93.310 93.310	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through	Tennessee State University	332.77-22.3238/ISA00000533 VUMC113808	Trans-NIH Research Support Trans-NIH Research Support	83,848 219,460	
	93.310	National Institutes of Health	Pass-Through		VUMC11732	Trans-NIH Research Support	314 698	
	93.310	National Institutes of Health	Pass-Through	VUMC	VUMC 68757	Trans-NIH Research Support	(1,832)	
							4,945,595	
	93.323	Contor for Disease Control	Deer Thread	Thi Decentry and of Lincold	04040 00040	Folderstellers and Laborators Operation for Informations Discovery (FLO)	43,228	
	93.323	Centers for Disease Control	Fass- Milough	TN Department of Health	34349-92919	Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	43,228	· <u> </u>
	93.350	National Institutes of Health	Direct		3UH3TR002097-04S1		128.523	97.583
	93.350 93.350	National Institutes of Health National Institutes of Health	Direct		30H31R002097-04S1 4UH3TR002097-03	National Center for Advancing Translational Sciences National Center for Advancing Translational Sciences	128,523	97,583
	93.350	National Institutes of Health	Direct		5U01TR002383-04	National Center for Advancing Translational Sciences	284,573	
	93.350	National Institutes of Health	Pass-Through	VUMC	VUMC116727	National Center for Advancing Translational Sciences	17.969	
	93.350	National Institutes of Health	Pass-Through		VUMC63366	National Center for Advancing Translational Sciences	191,794	
	93.350	National Institutes of Health		Boston University	U01TR002625	National Center for Advancing Translational Sciences	60,739	
							742,358	355,528
	93.351	National Institutes of Health	Direct		1K01OD036063-01	Research Infrastructure Programs	63.125	
	93.351	National Institutes of Health	Direct		1S100D028715-01A1	Research Infrastructure Programs	741,378	
	93.351	National Institutes of Health	Direct		1S100D036367-01	Research Infrastructure Programs	247,393	
	93.351	National Institutes of Health		Oregon Health & Science University	1014252-026_VANDERBILT	Research Infrastructure Programs	(575)	
	93.351	National Institutes of Health	Pass-Through	VUMC	VUMC112620	Research Infrastructure Programs	857,208	
	93.351	National Institutes of Health	Pass-Through	VUMC	VUMC114387	Research Infrastructure Programs	537,300	
							2,445,829	
	93.353	National Institutes of Health	Pass-Through		VUMC117610	21st Century Cures Act - Beau Biden Cancer Moonshot	225,994	-
	93.353	National Institutes of Health	Pass-Through	VUMC	VUMC 69193	21st Century Cures Act - Beau Biden Cancer Moonshot	66,126	
							292,120	<u> </u>

Passed

Cluster	Assistance Listing Number	e Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
	93.359	Health Resources and Services Administration	Direct		1 T48HP52038-01-00	Nurse Education, Practice, Quality and Retention Grants	297,294	· <u> </u>
							297,294	·
	93.361 93.361	National Institutes of Health National Institutes of Health	Direct		1F31NR020856-01	Nursing Research	28,373	
	93.361 93.361	National Institutes of Health National Institutes of Health	Direct		1K23NR020512-01 4R00NR019862-03	Nursing Research Nursing Research	136,641 234,135	
	93.361	National Institutes of Health	Pass-Through	VUMC	VUMC106250	Nursing Research	10,775	
	93.361	National Institutes of Health		East Carolina University	AWD-21-0749-S001	Nursing Research	3,403	
							413,327	· <u> </u>
	93.384	Advanced Research Projects Agency for Health	Direct		1AY2AX000021-01	Advanced Research Projects Agency for Health	10,501	· <u> </u>
							10,501	· · · ·
	93.393	National Institutes of Health	Direct		1R01CA218315-01A1	Cancer Cause and Prevention Research	7,118	
	93.393	National Institutes of Health	Direct		1R01CA239161-01	Cancer Cause and Prevention Research	408,850	
	93.393	National Institutes of Health	Direct		1R01CA240274-01A1	Cancer Cause and Prevention Research	343,091	17,616
	93.393	National Institutes of Health	Direct		1R01CA247833-01	Cancer Cause and Prevention Research	345,860	143,914
	93.393	National Institutes of Health	Direct		1R03CA270451-01A1	Cancer Cause and Prevention Research	55,323	
	93.393 93.393	National Institutes of Health National Institutes of Health	Direct Direct		1U01CA224276 2P01CA160032-26A1	Cancer Cause and Prevention Research Cancer Cause and Prevention Research	311,419 791,979	100,204 215,890
	93.393	National Institutes of Health	Direct		2R01CA160032-26A1	Cancer Cause and Prevention Research	51,093	3,204
	93.393	National Institutes of Health	Direct		2R01CA200709-06A1	Cancer Cause and Prevention Research	460,611	69,733
	93.393	National Institutes of Health	Direct		2R50CA211206-06	Cancer Cause and Prevention Research	218,463	-
	93.393	National Institutes of Health	Pass-Through		VUMC 82376	Cancer Cause and Prevention Research	28,015	-
	93.393	National Institutes of Health	Pass-Through	VUMC	VUMC112823	Cancer Cause and Prevention Research	4,440	-
	93.393 93.393	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through		7615713 CA249863	Cancer Cause and Prevention Research Cancer Cause and Prevention Research	159,312 77,828	
	93.393	National Institutes of Health	Pass-Through		VUMC 59163	Cancer Cause and Prevention Research	65,695	
	93.393	National Institutes of Health	Pass-Through		VUMC67580	Cancer Cause and Prevention Research	8.353	
	93.393	National Institutes of Health	Pass-Through	VUMC	VUMC68022	Cancer Cause and Prevention Research	12,657	
	93.393	National Institutes of Health	Pass-Through	VUMC	VUMC94135	Cancer Cause and Prevention Research	54,409	<u> </u>
							3,404,516	550,561
	93.394	National Institutes of Health	Direct		1R01CA212147-01A1	Cancer Detection and Diagnosis Research	312,917	81,378
	93.394	National Institutes of Health	Direct		1R01CA245134-01A1	Cancer Detection and Diagnosis Research	359,034	16,701
	93.394	National Institutes of Health		Boston University	4500004805	Cancer Detection and Diagnosis Research	30,891	-
	93.394 93.394	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through		VUMC105998 VUMC113268	Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research	39,608 223,396	
	93.394	National Institutes of Health	Pass-Through		VUMC91511	Cancer Detection and Diagnosis Research	2,194	
	93.394	National Institutes of Health	Pass-Through		080-27000-S45801	Cancer Detection and Diagnosis Research	19,254	
	93.394	National Institutes of Health	Pass-Through	VUMC	VUMC89520	Cancer Detection and Diagnosis Research	165,472	. <u> </u>
							1,152,766	98,079
	93.395	National Institutes of Health	Direct		1R01CA214043	Cancer Treatment Research	(634)	-
	93.395	National Institutes of Health	Direct		1R01CA224241-01A1	Cancer Treatment Research	137,978	
	93.395 93.395	National Institutes of Health National Institutes of Health	Direct		1R01CA243326-01A1 1R01CA266767-01A1	Cancer Treatment Research Cancer Treatment Research	350,502 435,144	43,994 7,832
	93.395	National Institutes of Health	Direct		1R01CA266767-01A1	Cancer Treatment Research	435,144 524,249	234.639
	93.395	National Institutes of Health	Direct		2R01CA116021-16	Cancer Treatment Research	471,590	140,624
	93.395	National Institutes of Health	Direct		2R01CA218315-06A1	Cancer Treatment Research	284,817	45,381
	93.395	National Institutes of Health	Direct		R01CA260958	Cancer Treatment Research	496,396	37,520
	93.395 93.395	National Institutes of Health	Pass-Through		UTAUS-SUB00000618	Cancer Treatment Research	47,129	-
	93.395	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through		VUMC103965 VUMC117108	Cancer Treatment Research Cancer Treatment Research	6,100 52,814	
	93.395	National Institutes of Health	Pass-Through		GMO 190908 PO#0000001594	Cancer Treatment Research	12,064	
	93.395	National Institutes of Health	Pass-Through		VUMC66321	Cancer Treatment Research	(11,550)	-
							2,806,599	509,990
	93.396	National Institutes of Health	Direct		1 R35 CA197571-01	Cancer Biology Research	(44,506)	· · · · ·
	93.396	National Institutes of Health	Direct		1P01CA229123-01A1	Cancer Biology Research	2,103,246	973,108
	93.396	National Institutes of Health	Direct		1R01CA226833-01A1	Cancer Biology Research	444,238	16,316
	93.396	National Institutes of Health	Direct		1R01CA249684-01A1	Cancer Biology Research	412,413	-
	93.396	National Institutes of Health	Direct		1R01CA255446-01A1	Cancer Biology Research	453,275	32,757
	93.396 93.396	National Institutes of Health National Institutes of Health	Direct Direct		1R01CA256054-01A1 1R21CA227483-01A1	Cancer Biology Research Cancer Biology Research	256,560 (576)	33,859
	93.396	National Institutes of Health	Direct		1R21CA249770-01A1	Cancer Biology Research	148.598	
	93.396	National Institutes of Health	Direct		1R21CA271715-01	Cancer Biology Research	86,407	-
	93.396	National Institutes of Health	Direct		1R50CA243783	Cancer Biology Research	159,992	
	93.396	National Institutes of Health	Direct		1U01CA202229-01	Cancer Biology Research	(15,844)	-
	93.396 93.396	National Institutes of Health National Institutes of Health	Direct		1U01CA215845-01 2R01CA206458-06	Cancer Biology Research Cancer Biology Research	(186) 513,162	219,455
	93.396 93.396	National Institutes of Health National Institutes of Health		Dartmouth College	2R01CA206458-06 R1729	Cancer Biology Research Cancer Biology Research	513,162 193,438	219,400
	93.396	National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	GMO241126 PO0000003233	Cancer Biology Research	18,319	
	93.396	National Institutes of Health	Pass-Through	VUMC	VUMC106934	Cancer Biology Research	50,823	
	93.396	National Institutes of Health	Pass-Through		VUMC107555	Cancer Biology Research	15,253	-
	93.396	National Institutes of Health National Institutes of Health	Pass-Through		VUMC116192	Cancer Biology Research	23,647	
	93.396 93.396	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through		VUMC59163 VUMC65678	Cancer Biology Research Cancer Biology Research	52,968 14,359	-
	00.000		r ass mildigit		10000000		14,555	-

	Assistance	3						Passed
	Listing						Federal	Through to
Cluster	Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	Subrecipients
		•		·				•
	93.396	National Institutes of Health	Pass-Through	Dartmouth College	1R01CA244188-01A1	Cancer Biology Research	218,788	
	93.396	National Institutes of Health	Pass-Through	Salk Institute for Biological Studies	1R01 CA240909	Cancer Biology Research	25,170	
	93.396	National Institutes of Health	Pass-Through	University of Texas Southwestern Medical Center	1 R35 CA220449	Cancer Biology Research	(3,916)	
	93.396	National Institutes of Health		VUMC	R01CA249424-01	Cancer Biology Research	126,696	
	93.396	National Institutes of Health	Pass-Through	VUMC	VUMC 65678	Cancer Biology Research	(585)	
	93.396	National Institutes of Health	Pass-Through	VUMC	VUMC 74729	Cancer Biology Research	72,437	
	93.396	National Institutes of Health	Pass-Through	VUMC	VUMC 79040/VUMC 106934	Cancer Biology Research	34,685	
							5,358,861	1,275,495
	93,397	National Institutes of Health	Direct		1 U54 CA217450-01A1	Cancer Centers Support Grants	316,514	
	93.397	National Institutes of Health		VUMC	VUMC106128	Cancer Centers Support Grants	390,252	
	93.397	National Institutes of Health		VUMC	VUMC108705	Cancer Centers Support Grants	123.241	
	93.397	National Institutes of Health	Pass-Through	VUMC	VUMC117003	Cancer Centers Support Grants	76,504	
	93.397	National Institutes of Health	Pass-Through	VUMC	VUMC 59469	Cancer Centers Support Grants	28,595	
	93.397	National Institutes of Health		VUMC	VUMC 59496	Cancer Centers Support Grants	1,238,619	
	93.397	National Institutes of Health	Pass-Through	VUMC	VUMC 77006	Cancer Centers Support Grants	490,750	
	93.397	National Institutes of Health	Pass-Through	VUMC	VUMC59466	Cancer Centers Support Grants	227,967	
	93.397	National Institutes of Health	Pass-Through	VUMC	VUMC92816	Cancer Centers Support Grants	2,036	
	93.397	National Institutes of Health			VUMC94993	Cancer Centers Support Grants	(8,281)	
			•				2,886,197	
					150004043030.04			
	93.398	National Institutes of Health	Direct		1F30CA247078-01	Cancer Research Manpower	269	-
	93.398	National Institutes of Health	Direct		1F30CA268325-01A1	Cancer Research Manpower	32,433	
	93.398	National Institutes of Health	Direct		1F30CA275020-01A1	Cancer Research Manpower	28,991	
	93.398	National Institutes of Health	Direct		1F30CA281125-01	Cancer Research Manpower	35,123	
	93.398 93.398	National Institutes of Health National Institutes of Health	Direct Direct		1F30CA284523-01A1 1E31CA254311-01A1	Cancer Research Manpower Cancer Research Manpower	7,198	
	93.398	National Institutes of Health	Direct		1F31CA254311-01A1 1F31CA261049-01A1		2,676	
	93.398	National Institutes of Health	Direct		1F31CA261049-01A1	Cancer Research Manpower Cancer Research Manpower	29,422 33.728	
	93.398	National Institutes of Health	Direct		1F31CA278330-01	Cancer Research Manpower	38,432	
	93.398	National Institutes of Health	Direct		1F31CA278330-01 1F31CA284715-01A1	Cancer Research Manpower	7.056	
	93.398	National Institutes of Health	Direct		1F32CA281162-01	Cancer Research Manpower	62,671	
	93.398	National Institutes of Health	Direct		1F32CA288044-01	Cancer Research Manpower	5,119	
	93.398	National Institutes of Health	Direct		1F99CA274695-01	Cancer Research Manpower	25,281	
	93.398	National Institutes of Health	Direct		2T32CA009582-36	Cancer Research Manpower	349,187	
	93.398	National Institutes of Health	Direct		2T32CA009592-31	Cancer Research Manpower	391,770	4.270
	93.398	National Institutes of Health	Direct		2T32CA119925-11-15	Cancer Research Manpower	241,345	4,210
	93.398	National Institutes of Health	Direct		4K00CA264734-03	Cancer Research Manpower	85.649	
	93.398	National Institutes of Health	Direct		F31CA265070	Cancer Research Manpower	33,255	
	93.398	National Institutes of Health	Direct		T32CA009582-31-35	Cancer Research Manpower	90.627	
							1,500,232	4,270
	93.433 93.433	Administration for Community Living	Direct		90DPGE0101-01-00 FP00010584_SA001	ACL National Institute on Disability, Independent Living, and Rehabilitation Research ACL National Institute on Disability, Independent Living, and Rehabilitation Research	209,687	32,494
		Administration for Community Living		Virginia Commonwealth University			139,770	
	93.433	Administration for Community Living	Pass-Through	Virginia Commonwealth University	FP00010656_SA002	ACL National Institute on Disability, Independent Living, and Rehabilitation Research	45,114	
							394,571	32,494
	93.516	Health Resources and Services Administration	Direct		1T29HP46749-01-00	Public Health Training Centers Program	580,709	134,470
							580,709	134,470
		National Institutes of Health		1000	VUMC 77779			
	93.547	National Institutes of Health	Pass-Through	VUMC	VUMC 77779	National Health Service Corps	(5,899)	<u> </u>
							(5,899)	<u> </u>
	93.564	US Department of Justice	Pass-Through	University of Texas at Austin	UTAUS-SUB00000419	Child Support Enforcement Research	80,474	
							80,474	
	93.590	Administration for Children and Families	Pass-Through	University of Texas at Austin	UTAUS-SUB00000444	Community-Based Child Abuse Prevention Grants	284,846	<u>.</u>
							284,846	-
	93.630	National Institutes of Health	Pass-Through	TN Council on Developmental Disabilities	31614-81221 / 67351	Developmental Disabilities Basic Support and Advocacy Grants	(1,335)	
	93.630	National Institutes of Health	Pass-Through		VUMC 82989	Developmental Disabilities Basic Support and Advocacy Grants	33,071	
			•				31,736	
	93.632	Administration for Community Living	Pass-Through	VUMC	90DDUC077-01-00	University Centers for Excellence in Developmental Disabilities Education, Research, and Service	145,891	<u> </u>
							145,891	<u> </u>
	93.732	Health Resources and Services Administration	Direct		2M01HP31387-05-00	Mental and Behavioral Health Education and Training Grants	457,537	-
							457,537	
	93.837	National Institutes of Health	Direct		1F30HL151069 YR 1-5	Cardiovascular Diseases Research	46,664	-
	93.837	National Institutes of Health	Direct		1F30HL163923-01	Cardiovascular Diseases Research	30,227	-
	93.837	National Institutes of Health	Direct		1F30HL168829-01	Cardiovascular Diseases Research	36,746	-
	93.837 93.837	National Institutes of Health National Institutes of Health	Direct Direct		1F31HL149168-01 1F31HL154569-01	Cardiovascular Diseases Research Cardiovascular Diseases Research	(7,506) 4,392	-
	93.837 93.837	National Institutes of Health National Institutes of Health			1F31HL154569-01 1F31HL154727-01	Cardiovascular Diseases Research Cardiovascular Diseases Research	4,392 5,709	
	93.837 93.837	National Institutes of Health	Direct Direct		1F31HL154727-01 1F31HL162476-01A1	Cardiovascular Diseases Research	25,281	-
	93.837	National Institutes of Health	Direct		1F31HL164064-01A1	Cardiovascular Diseases Research Cardiovascular Diseases Research	25,281	-
	93.837 93.837	National Institutes of Health National Institutes of Health	Direct		1F31HL164064-01A1 1F31HL167471-01	Cardiovascular Diseases Research Cardiovascular Diseases Research	24,935 33,217	-
	93.837	National Institutes of Health	Direct		1F31HL168964-01	Cardiovascular Diseases Research	25,312	
	93.837	National Institutes of Health	Direct		1F31HL170766-01A1	Cardiovascular Diseases Research	5,008	
							2,500	

	Assistance Listing	3					Federal	Passed Through to
Cluster	Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	Subrecipients
	93.837	National Institutes of Health	Direct		1F31HL172640-01	Cardiovascular Diseases Research	24,060	-
	93.837	National Institutes of Health	Direct		1F31HL172670-01	Cardiovascular Diseases Research	151	
	93,837	National Institutes of Health	Direct		1R01HL151223-01	Cardiovascular Diseases Research	572,534	232,916
	93.837	National Institutes of Health	Direct		1R01HL156034-01A1	Cardiovascular Diseases Research	637,072	83,688
	93.837	National Institutes of Health	Direct		1R01HL170546-01	Cardiovascular Diseases Research	223,320	7,512
	93.837	National Institutes of Health	Direct		1R25HL145330-01	Cardiovascular Diseases Research	106,010	11,651
	93.837	National Institutes of Health	Direct		1T32HL144446	Cardiovascular Diseases Research	339,521	3,891
	93.837	National Institutes of Health	Pass-Through	Northwestern University	60062687 VU	Cardiovascular Diseases Research	529,485	
	93.837	National Institutes of Health		University of Iowa	S03953-01	Cardiovascular Diseases Research	22,446	
	93.837	National Institutes of Health	Pass-Through	VUMC	VUMC103886	Cardiovascular Diseases Research	45,930	
	93.837 93.837	National Institutes of Health National Institutes of Health	Pass-Through		2R01HL122010-05 2P01HL116263-06A1	Cardiovascular Diseases Research Cardiovascular Diseases Research	(4,115) 397.064	
	93.837	National Institutes of Health	Pass-Through Pass-Through		VUMC 65119	Cardiovascular Diseases Research Cardiovascular Diseases Research	14,435	
	93.837	National Institutes of Health	Pass-Through		VUMC93385	Cardiovascular Diseases Research	(2.158)	
	93.037	National institutes of Health	Pass- mough	VOMC	V0MC85385		3,135,740	339.658
	93.838	National Institutes of Health	Direct		1F30HL159941-01A1	Lung Diseases Research	41,533	
	93.838	National Institutes of Health	Direct		1F30HL170483-01	Lung Diseases Research	27,909	
	93.838	National Institutes of Health	Direct		1F31HL162483-01A1	Lung Diseases Research	31,467	
	93.838	National Institutes of Health	Direct		1R01HL172247-01	Lung Diseases Research	269,853	
	93.838	National Institutes of Health	Direct		1R35HL135790	Lung Diseases Research	473,719	
	93.838	National Institutes of Health	Pass-Through	Purdue University	11001506-002	Lung Diseases Research	341,746	
	93.838 93.838	National Institutes of Health National Institutes of Health		University of North Carolina Chapel Hill	5131204	Lung Diseases Research	56,151 24,215	-
	93.838	National Institutes of Health		University of Pittsburgh VUMC	AWD00004670 (138760-2) VUMC103868	Lung Diseases Research	24,215	
	93.838	National Institutes of Health	Pass-Through Pass-Through	VUMC	VUMC103888	Lung Diseases Research Lung Diseases Research	29,841	
	93.838	National Institutes of Health	Pass-Through		VUMC113604	Lung Diseases Research	22,528	
	93.838	National Institutes of Health		University of North Carolina Chapel Hill	5118208	Lung Diseases Research	27,491	
	93.838	National Institutes of Health		University of Texas Medical Branch at Galveston	R01HL145477	Lung Diseases Research	59	
	93.838	National Institutes of Health	Pass-Through		R35 HL150783	Lung Diseases Research	11,613	
	93.839	National Institutes of Health	Direct		F31HL156565	Blood Diseases and Resources Research	21,911	-
	93.839	National Institutes of Health	Pass-Through	Vasowatch, LLC	n/a	Blood Diseases and Resources Research	9,530	<u> </u>
							1,465,350	<u> </u>
	93.840	National Institutes of Health	Pass-Through	VUMC	VUMC117461	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	14,038	
	93.840	National Institutes of Health	Pass-Through		VUMC97349	Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders	14,281	
							28,319	-
	93.846	National Institutes of Health	Direct		1F31AR082264-01A1	Arthritis, Musculoskeletal and Skin Diseases Research	39,289	
	93.846	National Institutes of Health	Direct		1F31AR082662-01	Arthritis, Musculoskeletal and Skin Diseases Research	33,128	
	93.846	National Institutes of Health	Direct		1R01AR072679-01A1	Arthritis, Musculoskeletal and Skin Diseases Research	117,511	19,368
	93.846	National Institutes of Health	Direct		1R01AR078666-01A1	Arthritis, Musculoskeletal and Skin Diseases Research	516,349	95,867
	93.846	National Institutes of Health	Direct		1R21AR078636	Arthritis, Musculoskeletal and Skin Diseases Research	18,945	-
	93.846	National Institutes of Health	Direct		1R21AR079683-01	Arthritis, Musculoskeletal and Skin Diseases Research	52,610	
	93.846	National Institutes of Health	Direct		2T32AR059039	Arthritis, Musculoskeletal and Skin Diseases Research	252,173	13,390
	93.846 93.846	National Institutes of Health National Institutes of Health	Direct Pass-Through	Firstly 11.0	R21AR079245 ISA00000206	Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research	23,095 50,860	
	93.846	National Institutes of Health	Pass-Through		3200005420-24-114	Arthritis, Musculoskeletal and Skin Diseases Research	183,553	
	93.846	National Institutes of Health		University of Michigan	SUBK00016577	Arthritis, Musculoskeletal and Skin Diseases Research	53,291	
	93.846	National Institutes of Health	Pass-Through	VUMC	VUMC98307	Arthritis, Musculoskeletal and Skin Diseases Research	31,167	
	93.846	National Institutes of Health	Pass-Through	Carle Foundation Hospital	CFH - 1R0AR073831	Arthritis. Musculoskeletal and Skin Diseases Research	79.547	
	93.846	National Institutes of Health	Pass-Through	Emory University	Emory Univ - A436983	Arthritis, Musculoskeletal and Skin Diseases Research	(5,612)	
	93.846	National Institutes of Health	Pass-Through		SLOANKETT - BD528065	Arthritis, Musculoskeletal and Skin Diseases Research	9,291	
	93.846	National Institutes of Health		University of Arizona	631693	Arthritis, Musculoskeletal and Skin Diseases Research	(916)	
	93.846	National Institutes of Health	Pass-Through	VUMC	VUMC 74537	Arthritis, Musculoskeletal and Skin Diseases Research	9,590	<u> </u>
							1,463,871	128,625
	93.847	National Institutes of Health	Direct		1 R01 DK106228-01A1	Diabetes, Digestive, and Kidney Diseases Extramural Research	(27)	
	93.847	National Institutes of Health	Direct		1 R01 DK111949-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	(152)	
	93.847	National Institutes of Health	Direct		1F30DK127699	Diabetes, Digestive, and Kidney Diseases Extramural Research	37,149	-
	93.847 93.847	National Institutes of Health National Institutes of Health	Direct		1F30DK134041-01A1 1E30DK134046-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	32,782 32,301	
	93.847	National Institutes of Health	Direct		1F30DK134046-01 1F31DK127687-01A1	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	31,633	
	93.847	National Institutes of Health	Direct		1E31DK127687-01A1	Diabetes, Digestive, and Kidney Diseases Extramular Research	13 498	
	93.847	National Institutes of Health	Direct		1F31DK131902-01	Diabetes, Digestive, and Kidney Diseases Extramutal Research	32.724	
	93.847	National Institutes of Health	Direct		1F31DK134158-01A1	Diabetes, Digestive, and Kidney Diseases Extramural Research	35,469	-
	93.847	National Institutes of Health	Direct		1F31DK135164-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	33,353	
	93.847	National Institutes of Health	Direct		1F31DK136344-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	32,511	-
	93.847	National Institutes of Health	Direct		1F31DK137637-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	32,697	-
	93.847	National Institutes of Health	Direct		1F31DK138714-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	9,712	-
	93.847	National Institutes of Health	Direct		1K01DK135924-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	121,300	-
	93.847	National Institutes of Health	Direct		1K01DK136926-01 1K99DK133560-01A1	Diabetes, Digestive, and Kidney Diseases Extramural Research	96,353 98,345	-
	93.847 93.847	National Institutes of Health National Institutes of Health	Direct Direct		1K99DK133560-01A1 1R01DK117147	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	98,345 354,231	- 135,601
	93.847	National Institutes of Health	Direct		1R01DK117158-01	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	57,990	133,001
	93.847	National Institutes of Health	Direct		1R01DK117158-01	Diabetes, Digestive, and Kidney Diseases Extramutal Research	3,533	4,215
	93.847	National Institutes of Health	Direct		1R01DK125546-01A1	Diabetes, Digestive, and Kidney Diseases Extramutal Research	290,725	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Assistance

	Assistance						Federal	Passed
Cluster	Listing Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	Through to Subrecipients
Cluster	Number	Cluster/Thie/Federal Grantor/Frogram	туре	Pass-Through Granton	Award Identifier	Assistance Listing Program The	Experiorutores	Subrecipients
	93.847	National Institutes of Health	Direct		1R01DK125696-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	505,141	
	93.847	National Institutes of Health	Direct		1R01DK128710-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	518,010	
	93.847	National Institutes of Health	Direct		1R01DK129340-01A1	Diabetes, Digestive, and Kidney Diseases Extramural Research	513,819	-
	93.847	National Institutes of Health	Direct		1R01DK131082-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	673,350	-
	93.847 93.847	National Institutes of Health	Direct		1R01DK132259-01A1 1R01DK132338-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	380,445	-
	93.847 93.847	National Institutes of Health National Institutes of Health	Direct Direct		1R01DK132338-01 1R01DK132852-01A1	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	429,848 750,474	99,078
	93.847	National Institutes of Health	Direct		1R01DK132832-01A1	Diabetes, Digestive, and Kidney Diseases Extramulal Research	612,980	240,029
	93.847	National Institutes of Health	Direct		1R01DK136768-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	483.140	2-10,020
	93.847	National Institutes of Health	Direct		1R01DK138141-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	320,188	
	93.847	National Institutes of Health	Direct		1R03DK127484-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	435	-
	93.847	National Institutes of Health	Direct		1R21DK137147-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	9,770	
	93.847	National Institutes of Health	Direct		1R25DK111362	Diabetes, Digestive, and Kidney Diseases Extramural Research	82,628	24,371
	93.847	National Institutes of Health	Direct		1R25DK137746-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	9,007	-
	93.847 93.847	National Institutes of Health National Institutes of Health	Direct Direct		1R56DK132629-01A1 1U01DK133766-01	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	46,493 1.025.945	209.576
	93.847	National Institutes of Health	Direct		1U2CDK135073-01	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	726,131	32,113
	93.847	National Institutes of Health	Direct		2 R01 DK097392-06A1	Diabetes, Digestive, and Kidney Diseases Extramulal Research	(10,953)	32,113
	93.847	National Institutes of Health	Direct		2R01 DK106228-06	Diabetes, Digestive, and Kidney Diseases Extramural Research	914.951	182,296
	93.847	National Institutes of Health	Direct		2R01DK018243-43A1	Diabetes, Digestive, and Kidney Diseases Extramural Research	73,287	
	93.847	National Institutes of Health	Direct		2R01DK050277-24	Diabetes, Digestive, and Kidney Diseases Extramural Research	570,059	88,062
	93.847	National Institutes of Health	Direct		2R01DK090570	Diabetes, Digestive, and Kidney Diseases Extramural Research	695,918	304,803
	93.847	National Institutes of Health	Direct		2R01DK095811-09	Diabetes, Digestive, and Kidney Diseases Extramural Research	260,443	
	93.847	National Institutes of Health	Direct		2R01DK103831-06	Diabetes, Digestive, and Kidney Diseases Extramural Research	557,385	64,918
	93.847	National Institutes of Health	Direct		2R01DK106476-06A1	Diabetes, Digestive, and Kidney Diseases Extramural Research	503,390	-
	93.847 93.847	National Institutes of Health	Direct		2R01DK111949-06	Diabetes, Digestive, and Kidney Diseases Extramural Research	474,577	-
	93.847 93.847	National Institutes of Health National Institutes of Health	Direct Direct		2T32DK007563-31 2T32DK007563-36	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	303,620 194,707	
	93.847	National Institutes of Health	Direct		2T32DK007503-56	Diabetes, Digestive, and Kidney Diseases Extramutal Research	337,251	
	93.847	National Institutes of Health	Direct		7R01DK124870-06	Diabetes, Digestive, and Kidney Diseases Extramutal Research	274.669	50,221
	93.847	National Institutes of Health	Direct		F31DK127728	Diabetes, Digestive, and Kidney Diseases Extramural Research	27,287	
	93.847	National Institutes of Health	Direct		R01DK121520	Diabetes, Digestive, and Kidney Diseases Extramural Research	327,347	-
	93.847	National Institutes of Health	Pass-Through	Augusta University	38237-3	Diabetes, Digestive, and Kidney Diseases Extramural Research	22,964	-
	93.847	National Institutes of Health	Pass-Through	Cincinnati Children's Hospital Medical Center	OS00000833/401394	Diabetes, Digestive, and Kidney Diseases Extramural Research	24,490	
	93.847	National Institutes of Health	Pass-Through	Columbia University	1(GG016489-01)	Diabetes, Digestive, and Kidney Diseases Extramural Research	138,908	-
	93.847	National Institutes of Health	Pass-Through		R44DK126606	Diabetes, Digestive, and Kidney Diseases Extramural Research	(9,595)	-
	93.847 93.847	National Institutes of Health National Institutes of Health		Howard University, Inc SAINT LOUIS UNIVERSITY	GRT000333 -10010792 A01852-20647	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	17,136 2,967	
	93.847 93.847	National Institutes of Health	Pass-Through Pass-Through	SAINT LOUIS UNIVERSITY SFC Fluidics, Inc.	SFC 2023-01	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	2,967	
	93.847	National Institutes of Health			11705	Diabetes, Digestive, and Kidney Diseases Extramutal Research	2.931	
	93.847	National Institutes of Health		University of Cincinnati	014965-00003	Diabetes, Digestive, and Kidney Diseases Extramural Research	146,853	
	93.847	National Institutes of Health		University of Michigan	SUBK00017193	Diabetes, Digestive, and Kidney Diseases Extramural Research	28,388	
	93.847	National Institutes of Health	Pass-Through	University of Michigan	SUBK00019546	Diabetes, Digestive, and Kidney Diseases Extramural Research	22,931	-
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC104665	Diabetes, Digestive, and Kidney Diseases Extramural Research	68,854	
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC107810	Diabetes, Digestive, and Kidney Diseases Extramural Research	78,905	-
	93.847 93.847	National Institutes of Health National Institutes of Health	Pass-Through	VUMC	VUMC111636	Diabetes, Digestive, and Kidney Diseases Extramural Research	50,327	-
	93.847 93.847	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through	VUMC	VUMC112082 VUMC113233	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	38,958 71,325	
	93.847	National Institutes of Health	Pass-Through Pass-Through	VUMC	VUMC115233	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	64.340	
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC115992	Diabetes, Digestive, and Kidney Diseases Extramutal Research	91,619	
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC116258	Diabetes, Digestive, and Kidney Diseases Extramural Research	15,708	
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC123184	Diabetes, Digestive, and Kidney Diseases Extramural Research	9,621	
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC59165	Diabetes, Digestive, and Kidney Diseases Extramural Research	216,063	-
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC59472	Diabetes, Digestive, and Kidney Diseases Extramural Research	254,355	-
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC91436	Diabetes, Digestive, and Kidney Diseases Extramural Research	70,510	-
	93.847	National Institutes of Health	Pass-Through	VUMC	VUMC93219	Diabetes, Digestive, and Kidney Diseases Extramural Research	126,325	
	93.847 93.847	National Institutes of Health National Institutes of Health	Pass-Through	VUMC	VUMC96978 VUMC99890	Diabetes, Digestive, and Kidney Diseases Extramural Research	21,135 57,795	-
	93.847	National Institutes of Health	Pass-Through Pass-Through	VUMC	VUMC99988	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	76,819	-
	93.847	National Institutes of Health	Pass-Through	Augusta University	35235-8	Diabetes, Digestive, and Kidney Diseases Extramulal Research	(210)	
	93.847	National Institutes of Health	Pass-Through	Cincinnati Children's Hospital Medical Center	R01DK123181	Diabetes, Digestive, and Kidney Diseases Extramural Research	34,192	
	93.847	National Institutes of Health	Pass-Through	Indiana University	2R01DK040949	Diabetes, Digestive, and Kidney Diseases Extramural Research	108,092	
	93.847	National Institutes of Health	Pass-Through	Indiana University	IN4684797VU	Diabetes, Digestive, and Kidney Diseases Extramural Research	7,686	
	93.847	National Institutes of Health	Pass-Through	Stanford University	62628788-199245	Diabetes, Digestive, and Kidney Diseases Extramural Research	55,231	
	93.847	National Institutes of Health	Pass-Through	Stanford University	R01DK126482	Diabetes, Digestive, and Kidney Diseases Extramural Research	109,508	-
	93.847	National Institutes of Health	Pass-Through	University of Alabama at Birmingham	000531644-SC001	Diabetes, Digestive, and Kidney Diseases Extramural Research	175,198	-
	93.847	National Institutes of Health	Pass-Through	University of California San Diego	KR704667 1R01DK126715-01	Diabetes, Digestive, and Kidney Diseases Extramural Research	118,846 13,504	-
	93.847 93.847	National Institutes of Health National Institutes of Health		University of Michigan University of Texas Southwestern Medical Center	1R01DK126715-01 GMO 201024 PO#0000001887	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	13,504 347,189	
	93.847	National Institutes of Health	Pass-Through Pass-Through		UNIV58624	Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	(1,219)	
	93.847	National Institutes of Health	Pass-Through		VUMC 82317	Diabetes, Digestive, and Kidney Diseases Extramutal Research	32,499	
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93.853 National Institutes of Health Pass-Through Children's Hospitali of Philadelphia CHO = 201870620 Extramural Research Programs in the Neurosciences and Neurological Disorders 105.901 - 93.853 National Institutes of Health Pass-Through University of Chicago RG LU 213423-1vu Extramural Research Programs in the Neurosciences and Neurological Disorders 107.903 - 93.853 National Institutes of Health Pass-Through University of Chicago RR LNS 10863-671.1 Extramural Research Programs in the Neurosciences and Neurological Disorders (10,403) - 93.853 National Institutes of Health Pass-Through VUMC SR01NS 108445-02 Extramural Research Programs in the Neurosciences and Neurological Disorders (10,403) - 93.853 National Institutes of Health Pass-Through VUMC 69141 Extramural Research Programs in the Neurosciences and Neurological Disorders (10,413) - 93.853 National Institutes of Health Pass-Through VUMC 69141 Extramural Research Programs in the Neurosciences and Neurological Disorders (14,115) - 93.853 National Institutes of Health Pass-Through VUMC 69143 Extramural Research Programs in the Neurosciences and Neurological Disorders									
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93.853 National Institutes of Health Pass-Through University of Chicago 1R21NS10850-0141 Extramural Research Programs in the Neurosciences and Neurological Disorders (178) - 93.853 National Institutes of Health Pass-Through VUMC SR01NS108445-02 Extramural Research Programs in the Neurosciences and Neurological Disorders (10.415) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 5970 Extramural Research Programs in the Neurosciences and Neurological Disorders (10.415) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 69141 Extramural Research Programs in the Neurosciences and Neurological Disorders (31.816) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 6925 Extramural Research Programs in the Neurosciences and Neurological Disorders (13.814) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 6925 Extramural Research Programs in the Neurosciences and Neurological Disorders (13.814) - 93.853 National Institutes of Health Pass-Through VUMC 60403 Extramural Research Programs in the Neurosciences and Neurological Disorders 33.816									
93.853 National Institutes of Health Pass-Through VUMC SR01105108465-02 Extramural Research Programs in the Neurosciences and Neurological Disorders 7.033 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 669141 Extramural Research Programs in the Neurosciences and Neurological Disorders 34.030 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 669141 Extramural Research Programs in the Neurosciences and Neurological Disorders 34.040 - 93.853 National Institutes of Health Pass-Through VUMC Extramural Research Programs in the Neurosciences and Neurological Disorders 143.416 - 93.853 National Institutes of Health Pass-Through VUMC Extramural Research Programs in the Neurosciences and Neurological Disorders 143.416 - 93.853 National Institutes of Health Pass-Through VUMC Extramural Research Programs in the Neurosciences and Neurological Disorders 31.861 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 68757 Extramural Research Programs in the Neurosciences and Neurological Disorders 31.861 - 93.853 National Institutes of He									
93.853 National Institutes of Health Pass-Through VUMC 694.04 Extramural Research Pograms in the Neurosciences and Neurological Disorders 94.06 - 93.853 National Institutes of Health Pass-Through VUMC Extramural Research Pograms in the Neurosciences and Neurological Disorders 14.316 - 93.853 National Institutes of Health Pass-Through VUMC Extramural Research Pograms in the Neurosciences and Neurological Disorders 143.34 - 93.853 National Institutes of Health Pass-Through VUMC Extramural Research Pograms in the Neurosciences and Neurological Disorders 143.141 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 80757 Extramural Research Pograms in the Neurosciences and Neurological Disorders 31.863 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 8152 Extramural Research Pograms in the Neurosciences and Neurological Disorders 31.861 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91760 Extramural Research Pograms in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pa		93.853	National Institutes of Health		VUMC	5R01NS108445-02	Extramural Research Programs in the Neurosciences and Neurological Disorders	7,803	
93.853 National Institutes of Health Pass-Through VUMC VUMC 69235 Extramural Research Programs in the Neurosciences and Neurological Disorders (1,816) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 69235 Extramural Research Programs in the Neurosciences and Neurological Disorders (14,115) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 69043 Extramural Research Programs in the Neurosciences and Neurological Disorders (14,115) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 89757 Extramural Research Programs in the Neurosciences and Neurological Disorders (33,816) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through Value VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through Value VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) -		93.853	National Institutes of Health	Pass-Through	VUMC	VUMC 59770	Extramural Research Programs in the Neurosciences and Neurological Disorders	(10,415)	
93.853 National Institutes of Health Pass-Through VUMC VUMC (57785) Extramural Research Programs in the Neurosciences and Neurological Disorders 143.414 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 80403 Extramural Research Programs in the Neurosciences and Neurological Disorders 143.414 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 80767 Extramural Research Programs in the Neurosciences and Neurological Disorders 31.885 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91592 Extramural Research Programs in the Neurosciences and Neurological Disorders 3.883 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91592 Extramural Research Programs in the Neurosciences and Neurological Disorders 3.883 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91592 Extramural Research Programs in the Neurosciences and Neurological Disorders 3.6749 - 93.853 National Institutes of Health Pass-Through VUMC 91760 Extramural Research Programs in the Neurosciences				Pass-Through			Extramural Research Programs in the Neurosciences and Neurological Disorders		
93.853 National Institutes of Health Pass-Through VUMC VUMC 80403 Extramural Research Programs in the Neurosciences and Neurological Disorders 114,115 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 89757 Extramural Research Programs in the Neurosciences and Neurological Disorders 33.818 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through Vale University UNIVS9887 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through Yale University UNIVS9887 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through Yale University UNIVS9887 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>									-
93.833 National Institutes of Health Pass-Through VUMC VUMC 88757 Extramural Research Programs in the Neurosciences and Neurological Disorders 31.83 - 93.830 National Institutes of Health Pass-Through VUMC VUMC 91262 Extramural Research Programs in the Neurosciences and Neurological Disorders 3.818 - 93.833 National Institutes of Health Pass-Through VUMC VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through VIMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through View Pass View Pass - 93.853 National Institutes of Health Pass-Through View Pass - - - 93.853 National Institutes of Health Pass-Through View Pass									-
93.853 National Institutes of Health Pass-Through VUMC VUMC 91592 Extramural Research Programs in the Neurosciences and Neurological Disorders 3,818 - 93.853 National Institutes of Health Pass-Through VUMC VUMC 91592 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through YUMC VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through Yale University UNIV5987 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 10,400,347 2,250,626 -									-
93.853 National Institutes of Health Pass-Through VUMC VUMC 91760 Extramural Research Programs in the Neurosciences and Neurological Disorders (749) - 93.853 National Institutes of Health Pass-Through Yale University UNIV59807 Extramural Research Programs in the Neurosciences and Neurological Disorders (758) - 10,400,37 2,250,626 2 - <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></t<>									-
93.853 National Institutes of Health Pass-Through Yale University UNIV59887 Extramural Research Programs in the Neurosciences and Neurological Disorders (528) 10,400,347 2,250,626									-
10,400,347 2,250,626									
		93.853	National Institutes of Health	Pass-Through	Yale University	UNIV59887	Extramural Research Programs in the Neurosciences and Neurological Disorders	(0=0)	<u> </u>
93.855 National Institutes of Health Direct 1 T32 Al138932-01A1 Allergy and Infectious Diseases Research 235,596 -									2,250,626
		93.855	National Institutes of Health	Direct		1 T32 AI138932-01A1	Allergy and Intectious Diseases Research	235,596	

	Assistance							Passed
	Listing		_				Federal	Through to
Cluster	Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	Subrecipients
	93,855	National Institutes of Health	Direct		1F30AI169748-01A1		33.757	
	93.855	National Institutes of Health	Direct		1F30AI169748-01A1 1F30AI176712-01A1	Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	33,757	
	93.855	National Institutes of Health	Direct		1F31AI161882-01A1	Allergy and Infectious Diseases Research	34,365	
	93.855	National Institutes of Health	Direct		1F31Al167541-01	Allergy and Infectious Diseases Research	21,555	
	93.855	National Institutes of Health	Direct		1F31AI169971-01	Allergy and Infectious Diseases Research	33,790	
	93.855	National Institutes of Health	Direct		1F31AI172352-01A1	Allergy and Infectious Diseases Research	33,212	
	93.855	National Institutes of Health	Direct		1F31AI172488-01	Allergy and Infectious Diseases Research	30,171	
	93,855	National Institutes of Health	Direct		1F31AI174684-01A1	Allergy and Infectious Diseases Research	29,562	
	93.855	National Institutes of Health	Direct		1F31AI178950-01A1	Allergy and Infectious Diseases Research	7,540	
	93.855	National Institutes of Health	Direct		1R01AI136301-01A1	Allergy and Infectious Diseases Research	446,672	235,022
	93.855	National Institutes of Health	Direct		1R01AI140400-01A1	Alleray and Infectious Diseases Research	225,404	
	93.855	National Institutes of Health	Direct		1R01AI153356-01A1	Allergy and Infectious Diseases Research	884,883	372,809
	93.855	National Institutes of Health	Direct		1R01AI157827-01	Allergy and Infectious Diseases Research	902,792	449,859
	93.855	National Institutes of Health	Direct		1R01AI163472-01	Allergy and Infectious Diseases Research	825,432	158,156
	93.855	National Institutes of Health	Direct		1R01AI170546-01A1	Allergy and Infectious Diseases Research	536,378	-
	93.855	National Institutes of Health	Direct		1R01AI173025-01A1	Allergy and Infectious Diseases Research	449,185	
	93.855	National Institutes of Health	Direct		1R21AI150828	Allergy and Infectious Diseases Research	(7,030)	-
	93.855	National Institutes of Health	Direct		1R21AI152497-01A1	Allergy and Infectious Diseases Research	166,829	
	93.855	National Institutes of Health	Direct		1R21AI156693	Allergy and Infectious Diseases Research	28,170	
	93.855	National Institutes of Health	Direct		1R21AI170977-01	Allergy and Infectious Diseases Research	204,025	29,174
	93.855	National Institutes of Health	Direct		2T32AI112541	Allergy and Infectious Diseases Research	390,121	5,606
	93.855	National Institutes of Health	Direct		AI35937	Allergy and Infectious Diseases Research	122,071	68,812
	93.855	National Institutes of Health	Direct		F30AI157036	Allergy and Infectious Diseases Research	32,063	
	93.855	National Institutes of Health	Pass-Through	Georgia State University	SP00015689-02	Allergy and Infectious Diseases Research	168,249	-
	93.855	National Institutes of Health	Pass-Through	Oak Crest Institute of Science	22-397-Vanderbilt	Allergy and Infectious Diseases Research	65,712	-
	93.855	National Institutes of Health	Pass-Through	Regents Of The University Of Minnesota	P010354801	Allergy and Infectious Diseases Research	16,192	-
	93.855	National Institutes of Health	Pass-Through	Seattle Children's Hospital and Regional Medical Center	13094SUB	Allergy and Infectious Diseases Research	64,496	-
	93.855	National Institutes of Health	Pass-Through	University of California San Francisco	14379sc	Allergy and Infectious Diseases Research	41,943	
	93.855	National Institutes of Health	Pass-Through	University of California San Francisco	14380sc	Allergy and Infectious Diseases Research	94,458	-
	93.855	National Institutes of Health	Pass-Through	University of California San Francisco	14550sc	Allergy and Infectious Diseases Research	207,479	-
	93.855	National Institutes of Health	Pass-Through	University of North Carolina Chapel Hill	5125061	Allergy and Infectious Diseases Research	1,170,991	
	93.855	National Institutes of Health	Pass-Through		VUMC103383	Allergy and Infectious Diseases Research	53,366	-
	93.855	National Institutes of Health	Pass-Through	VUMC	VUMC105283	Allergy and Infectious Diseases Research	89,792	-
	93.855	National Institutes of Health	Pass-Through	VUMC	VUMC107577	Allergy and Infectious Diseases Research	51,603	-
	93.855	National Institutes of Health	Pass-Through	VUMC	VUMC110715	Allergy and Infectious Diseases Research	8,723	-
	93.855	National Institutes of Health	Pass-Through	VUMC	VUMC112042	Allergy and Infectious Diseases Research	23,865	-
	93.855	National Institutes of Health	Pass-Through	VUMC	VUMC112044	Allergy and Infectious Diseases Research	169,576	-
	93.855 93.855	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through	VUMC VUMC	VUMC112088 VUMC114371	Allergy and Infectious Diseases Research	82,033 2,536	-
	93.855	National Institutes of Health		VUMC	VUMC114371 VUMC115862	Allergy and Infectious Diseases Research	2,536	
	93.855		Pass-Through	VUMC	VUMC116179	Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	19,294	
	93.855	National Institutes of Health National Institutes of Health	Pass-Through	VUMC	VUMC99752		19,294	
	93.855	National Institutes of Health	Pass-Through	VUMC	P30AI110527	Allergy and Infectious Diseases Research	11,845	
	93.855	National Institutes of Health	Pass-Through Pass-Through	Dana Farber Cancer Institute	Dana Farber - 1313601	Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	164,492	
	93.855	National Institutes of Health	Pass-Through	Dana Farber Cancer Institute	Dana Farber - 1313801	Allergy and Infectious Diseases Research	1,350	
	93.855	National Institutes of Health		Dana Farber Cancer Institute	Dana Farber 1313501		215,951	
	93.855	National Institutes of Health	Pass-Through Pass-Through	Desmond Tutu HIV Foundation	1R01AI150485	Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	(32,730)	
	93.855	National Institutes of Health	Pass-Through	Meharry Medical College	200930FV156	Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	(32,730) 2,372	
	93.855	National Institutes of Health	Pass-Through	Oak Crest Institute of Science	200930FV156 R01 Al154561	Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	2,372	
	93.855	National Institutes of Health	Pass-Through	University of Idaho	R01AI084918	Allergy and Infectious Diseases Research	(779)	
	93.855	National Institutes of Health	Pass-Through	University of Texas MD Anderson Cancer Center	1P01 AI139449-01A1	Allergy and Infectious Diseases Research	213,710	-
	93.855	National Institutes of Health	Pass-Through	University of Texas Medical Branch at Galveston	19-84547	Allergy and Infectious Diseases Research	105.094	
	93.855	National Institutes of Health	Pass-Through	VUMC	1U19AI142764	Allergy and Infectious Diseases Research	39,702	
	93.855	National Institutes of Health	Pass-Through	VUMC	AI101171	Allergy and Infectious Diseases Research	485	
	93.855	National Institutes of Health	Pass-Through		VUMC 68219	Allergy and Infectious Diseases Research	403	
	93.855	National Institutes of Health	Pass-Through		VUMC 81171	Allergy and Infectious Diseases Research	41,998	
	93.855	National Institutes of Health	Pass-Through	VUMC	VUMC 81252	Allergy and Infectious Diseases Research	370,782	
	93.855	National Institutes of Health	Pass-Through	VUMC	VUMC 94055	Allergy and Infectious Diseases Research	13.021	
	93.855	National Institutes of Health	Pass-Through	VUMC	VUMC81649	Alleray and Infectious Diseases Research	543,213	
	93.855	National Institutes of Health	Pass-Through		VUMC88030	Allergy and Infectious Diseases Research	275,963	
						···	10,098,793	1.319.438
								1,513,450
	93.859	National Institutes of Health	Direct		1 R01 GM118491-01	Biomedical Research and Research Training	(96)	-
	93.859	National Institutes of Health	Direct		1 R01 GM128087-01A1	Biomedical Research and Research Training	76,765	-
	93.859	National Institutes of Health	Direct		1 R35 GM119552-01	Biomedical Research and Research Training	316	-
	93.859	National Institutes of Health	Direct		1 R35 GM119569-01	Biomedical Research and Research Training	(1,058)	-
	93.859	National Institutes of Health	Direct		1F31GM143909-01	Biomedical Research and Research Training	15,999	-
	93.859 93.859	National Institutes of Health National Institutes of Health	Direct Direct		1F31GM148021-01	Biomedical Research and Research Training Biomedical Research and Research Training	32,301 33,908	-
	93.859 93.859	National Institutes of Health	Direct		1F31GM150247-01 1F32GM148024-01	Biomedical Research and Research Training Biomedical Research and Research Training	33,908 9,204	
	93.859 93.859	National Institutes of Health	Direct		1F32GM148024-01 1K99GM141414-01A1	Biomedical Research and Research Training Biomedical Research and Research Training	9,204 54,966	
	93.859	National Institutes of Health	Direct		1K99GM141414-01A1 1R01GM123292-01	Biomedical Research and Research Training Biomedical Research and Research Training	54,966 29,694	
	93.859	National Institutes of Health	Direct		1R01GM123292-01 1R01GM128191-01	Biomedical Research and Research Training	(1,318)	
	33.009	National matteres of meditin	Difect		1101Gm120131*01	Diomouloai Nesearch anu Nesedruti Hallilliy	(1,318)	-

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Cluster No	umber	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	Subrecipients
	3.859 3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	39,396	
	3.859 3.859	National Institutes of Health National Institutes of Health	Direct			Biomedical Research and Research Training Biomedical Research and Research Training	(798) 24.265	
	3.859	National Institutes of Health	Direct Direct			Biomedical Research and Research Training	24,265	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training Biomedical Research and Research Training	562,833	103,515
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training Biomedical Research and Research Training	231,383	42,779
-	3.859							42,779
	3.859	National Institutes of Health National Institutes of Health	Direct Direct			Biomedical Research and Research Training Biomedical Research and Research Training	362,462 369,027	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	190.364	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training Biomedical Research and Research Training	298.091	138.635
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training Biomedical Research and Research Training	445,138	91,246
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	177,341	10.646
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	327,285	80,561
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	(855)	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	(000)	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	(61)	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	91.471	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	28.089	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	161,147	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	676,539	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	424.841	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	367,177	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	484,761	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	415,728	
9	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	395,658	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	516,111	
9	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	361,000	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	552,153	
9	3.859	National Institutes of Health	Direct		1R35GM145378-01	Biomedical Research and Research Training	516,392	
9	3.859	National Institutes of Health	Direct		1R35GM146960-01	Biomedical Research and Research Training	461,762	
9	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	242,221	
9	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	637,199	
9	3.859	National Institutes of Health	Direct		1R35GM147267-01	Biomedical Research and Research Training	379,931	20,415
9	3.859	National Institutes of Health	Direct		1R35GM147697-01	Biomedical Research and Research Training	454,102	
9	3.859	National Institutes of Health	Direct		1R35GM150572-01	Biomedical Research and Research Training	351,957	
9	3.859	National Institutes of Health	Direct		1R35GM150625-01	Biomedical Research and Research Training	181,317	
9	3.859	National Institutes of Health	Direct		1R35GM152382-01	Biomedical Research and Research Training	84,408	
9	3.859	National Institutes of Health	Direct		1R35GM154684-01	Biomedical Research and Research Training	19,862	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	410,763	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	653,230	16,733
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	259,352	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	198,630	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	373,638	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	414,280	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	191,103	45,452
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	112	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	118,458	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	250,750	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	103,686	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	247,898	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	365,595	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	531,853	293,532
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	40,054	10,342
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	373,341	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	440,472	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	452,518	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	216,035	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	310,474	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	512,450	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	453,339	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	483,003	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	369,332	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	753,865	8,276
-	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	573,136	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	490,456	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	255,921	
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	464,403	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	105,510	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	4,943	-
	3.859	National Institutes of Health	Direct			Biomedical Research and Research Training	140,079	-
9	3.859	National Institutes of Health	Direct		2T32GM007347-41-45	Biomedical Research and Research Training	1,416,031	-

	Assistance							Passed
Olivetee	Listing	Olivete - 17:11-17- deset Orange - 10-	T	Base Thermote Country	A	Assistance Lindian Desarray Title	Federal	Through to
Cluster	Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	Subrecipients
	93.859	National Institutes of Health	Direct		2T32GM007628-41-45	Biomedical Research and Research Training	88,644	21,227
	93.859	National Institutes of Health	Direct		2T32GM008320	Biomedical Research and Research Training	486,722	
	93.859	National Institutes of Health	Direct		2T32GM065086-16-20	Biomedical Research and Research Training	11,348	-
	93.859	National Institutes of Health	Direct		4R37GM067152-18	Biomedical Research and Research Training	412,924	-
	93.859	National Institutes of Health	Direct		7R01GM117191-03	Biomedical Research and Research Training	(99)	-
	93.859	National Institutes of Health	Direct		9 R01 GM118122-16	Biomedical Research and Research Training	(125)	-
	93.859 93.859	National Institutes of Health National Institutes of Health	Direct Direct		R01GM107978-05 R35GM133743	Biomedical Research and Research Training Biomedical Research and Research Training	253	-
	93.859	National Institutes of Health	Direct Pass-Through	University of Arkansas	UA2023-362	Biomedical Research and Research Training Biomedical Research and Research Training	325,729 5,836	
	93.859	National Institutes of Health	Pass-Through Pass-Through		1562027	Biomedical Research and Research Training	91,976	-
	93.859	National Institutes of Health	Pass-Through	University of Pittsburgh	AWD00005223 (137340-1)	Biomedical Research and Research Training	25,489	
	93,859	National Institutes of Health	Pass-Through	University of Virginia	GR102838.SUB00000870	Biomedical Research and Research Training	37,793	
	93,859	National Institutes of Health	Pass-Through	University of Virginia	GR103126.SUB00001017	Biomedical Research and Research Training	37,392	
	93.859	National Institutes of Health	Pass-Through	VUMC	VUMC107035	Biomedical Research and Research Training	27,676	
	93.859	National Institutes of Health	Pass-Through	VUMC	VUMC93587	Biomedical Research and Research Training	(283)	
	93.859	National Institutes of Health	Pass-Through	Brown University	BrownU - 00001400	Biomedical Research and Research Training	32,595	
	93.859	National Institutes of Health	Pass-Through	Fisk University	2R25GM107754-06A1 - UNIV61142	Biomedical Research and Research Training	55,015	
	93.859	National Institutes of Health	Pass-Through	Indiana University	BL-4624936-VU	Biomedical Research and Research Training	(301)	-
	93.859	National Institutes of Health	Pass-Through	Northern California Institute for Research and Education	2R01GM061606-17	Biomedical Research and Research Training	(1,889)	-
	93.859	National Institutes of Health	Pass-Through	Stanford University	1R01GM113195-05	Biomedical Research and Research Training	32,198	-
	93.859	National Institutes of Health	Pass-Through	University of Pittsburgh	Univ of Pittsburgh - AWD000026	Biomedical Research and Research Training	27,454	-
	93.859	National Institutes of Health	Pass-Through		1R01GM138493-01	Biomedical Research and Research Training	(21,600)	-
	93.859	National Institutes of Health	Pass-Through		GB10515.157721	Biomedical Research and Research Training	(21,433)	
	93.859	National Institutes of Health	Pass-Through	University of Virginia	GB10658	Biomedical Research and Research Training	1,527	
							24,935,202	883,359
	93.865	National Institutes of Health	Direct		1 R0 HD089474-01	Child Health and Human Development Extramural Research	607,542	10,386
	93.865	National Institutes of Health	Direct		1 R01 HD097772-01A1	Child Health and Human Development Extramural Research	630,590	-
	93.865	National Institutes of Health	Direct		1F31HD106890-01A1	Child Health and Human Development Extramural Research	33,207	-
	93.865	National Institutes of Health	Direct		1K01HD112541-01A1	Child Health and Human Development Extramural Research	19,639	
	93.865	National Institutes of Health	Direct		1R01HD088959-01A1	Child Health and Human Development Extramural Research	(180)	
	93.865 93.865	National Institutes of Health National Institutes of Health	Direct Direct		1R01HD098652-01A1 1R01HD102752-01	Child Health and Human Development Extramural Research Child Health and Human Development Extramural Research	613,052 836,951	209.325
	93.865	National Institutes of Health	Direct		1R01HD102752-01 1R01HD104188-01A1	Child Health and Human Development Extramural Research	589.631	209,325
	93.865	National Institutes of Health	Direct		1R01HD109151-01	Child Health and Human Development Extramural Research	366,293	5,213
	93.865	National Institutes of Health	Direct		1R01HD109739-01	Child Health and Human Development Extramural Research	470,969	307,478
	93,865	National Institutes of Health	Direct		1R01HD114489-01	Child Health and Human Development Extramural Research	134 653	14,257
	93.865	National Institutes of Health	Direct		1R03HD099445-01A1	Child Health and Human Development Extramural Research	12,449	
	93.865	National Institutes of Health	Direct		1R03HD112586-01	Child Health and Human Development Extramural Research	21,867	
	93.865	National Institutes of Health	Direct		1R21HD097757-01A1	Child Health and Human Development Extramural Research	43,905	
	93.865	National Institutes of Health	Direct		1R25HD114368-01	Child Health and Human Development Extramural Research	20,345	
	93.865	National Institutes of Health	Direct		1R37HD095519	Child Health and Human Development Extramural Research	516,052	2,900
	93.865	National Institutes of Health	Direct		2T32HD007502-21-25	Child Health and Human Development Extramural Research	4,743	-
	93.865	National Institutes of Health	Direct		5 R01 HD044073-13	Child Health and Human Development Extramural Research	(1,197)	-
	93.865	National Institutes of Health	Direct		F31HD104385	Child Health and Human Development Extramural Research	(612)	
	93.865 93.865	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through	University of California San Francisco University of Colorado Boulder	14463sc 1564645	Child Health and Human Development Extramural Research Child Health and Human Development Extramural Research	22,741 2.512	
	93.865 93.865	National Institutes of Health	Pass-Through Pass-Through	University of Colorado Boulder University of Michigan	1564645 SUBK00017589	Child Health and Human Development Extramural Research Child Health and Human Development Extramural Research	2,512 21.835	
	93.865	National Institutes of Health	Pass-Through Pass-Through	VUMC	VUMC118807	Child Health and Human Development Extramural Research	21,835	
	93.865	National Institutes of Health	Pass-Through		CON-80004748 (GR122145)	Child Health and Human Development Extramural Research	33,826	
	93.865	National Institutes of Health	Pass-Through	New York University	F0998-25	Child Health and Human Development Extramural Research	13,888	
	93.865	National Institutes of Health	Pass-Through	Penn State University	VANHD088448	Child Health and Human Development Extramural Research	25,093	-
	93.865	National Institutes of Health	Pass-Through	University of Colorado Boulder	1555885	Child Health and Human Development Extramural Research	1,086	
	93.865	National Institutes of Health	Pass-Through	University of Delaware	UDR0000026	Child Health and Human Development Extramural Research	5,775	
	93.865	National Institutes of Health	Pass-Through	VUMC	1 P50 HD103537-01	Child Health and Human Development Extramural Research	281,166	-
	93.865	National Institutes of Health	Pass-Through		VUMC 86265	Child Health and Human Development Extramural Research	128,081	-
	93.865	National Institutes of Health	Pass-Through	VUMC	VUMC87891	Child Health and Human Development Extramural Research	98,414	-
	93.865	National Institutes of Health	Pass-Through	VUMC	VUMC95639	Child Health and Human Development Extramural Research	60,929	-
	93.865 93.865	National Institutes of Health National Institutes of Health	Pass-Through Pass-Through	Washington University In St. Louis Wits Health Consortium	WU-22-0365 R01HD103466	Child Health and Human Development Extramural Research Child Health and Human Development Extramural Research	190,452 104.817	
	93.865 93.865	US Department of Education			UTAUS-SUB00001060	Child Health and Human Development Extramural Research Child Health and Human Development Extramural Research	104,817 119,406	
	93.865	US Department of Education	Pass-Through	University of Texas at Austin	01405-50800001060	Child Health and Human Development Extramular Research		
							6,037,526	786,527
	93.866	National Institutes of Health	Direct		1F30AG080885-01	Aging Research	33,113	
	93.866	National Institutes of Health	Direct		1F30AG085905-01	Aging Research	18,939	-
	93.866	National Institutes of Health	Direct		1F31AG076290-01A1	Aging Research	32,397	
	93.866	National Institutes of Health	Direct		1F31AG077791-01	Aging Research	1,133	
	93.866	National Institutes of Health	Direct		1F31AG079640-01	Aging Research	33,189	-
	93.866	National Institutes of Health	Direct		1F31AG081025-01	Aging Research	24,150	
	93.866 93.866	National Institutes of Health National Institutes of Health	Direct Direct		1F99AG079810-01 1R01AG054622	Aging Research Aging Research	30,081 19.801	20,197
	93.866 93.866	National Institutes of Health	Direct		1R01AG054622 1R01AG056147-01	Aging Research Aging Research	19,801 (1.320)	20,197
	93.866	National Institutes of Health	Direct		1R01AG062685-01A1	Aging Research	769.833	335,530
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Listing						Federal	Through to
Cluster Number	r Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Expenditures	Subrecipients
93.866	National Institutes of Health	Direct		1R01AG063771-01	Aging Research	578,088	64,263
93.866	National Institutes of Health	Direct		1R01AG064950-01	Aging Research	775,428	253,599
93.866		Direct		1R01AG069900	Aging Research	1,083,031	856,332
93.866		Direct		1R01AG073354-01A1	Aging Research	308,564	
93.866		Direct		1R01AG077644-01A1	Aging Research	417,905	42,908
93.866		Direct		1R01AG078803-01	Aging Research	1,229,868	406,861
93.866		Direct		1R21AG071975-01A1	Aging Research	(2,172)	
93.866 93.866		Direct Direct		1R21AG072188-01A1 1R21AG073891 - 01	Aging Research	189,054 35,969	14,744
93.866		Direct		1R21AG073891-01 1R21AG077807-01	Aging Research Aging Research	165,197	
93.866		Direct		1R21AG078480-01	Aging Research	273,268	67,518
93.866		Direct		1R21AG078554-01	Aging Research	308,573	-
93.866		Direct		1R21AG084157-01	Aging Research	172,880	
93.866	National Institutes of Health	Direct		1R21AG086883-01	Aging Research	14,341	
93.866	National Institutes of Health	Direct		1R36AG083386-01	Aging Research	43,228	
93.866		Direct		1R56AG082758-01	Aging Research	177,406	
93.866		Direct		1RF1AG068623	Aging Research	1,080,725	
93.866		Direct		2T32AG058524-06A1	Aging Research	48,774	
93.866		Direct		4R01AG068623-02	Aging Research	259,555	
93.866		Direct		7R01AG070719-04	Aging Research	534,915	
93.866		Direct		7RF1AG060754-02 T32AG058524	Aging Research	919,984	440,784
93.866		Direct Pass-Through	Baylor Research Institute	41011092303	Aging Research Aging Research	190,891 9,293	
93.866		Pass-Through Pass-Through		2236	Aging Research	9,293 49,579	
93.866		Pass-Through		STE2196-46/ISA00000485	Aging Research	38,563	
93.866		Pass-Through		ISA00000325	Aging Research	24.480	
93.866		Pass-Through		VUMC 90311	Aging Research	4.073	
93.866		Pass-Through	VUMC	VUMC107475	Aging Research	21,328	
93.866	National Institutes of Health	Pass-Through		VUMC115168	Aging Research	1,745	
93.866	National Institutes of Health	Pass-Through		VUMC119323	Aging Research	3,663	
93.866		Pass-Through		A375202	Aging Research	324,195	
93.866		Pass-Through		L03030302-Sub03	Aging Research	275,181	
93.866		Pass-Through		1R01AG063389-01A1-00010220	Aging Research	29,433	
93.866		Pass-Through		FY2021-086	Aging Research	28,603	
93.866 93.866		Pass-Through		Univ of Pittsburg - AWD0000202 5R01AG058639-02	Aging Research	34,582	
93.866		Pass-Through Pass-Through	VUMC	5R01AG058639-02 VUMC 90495	Aging Research Aging Research	159,351 (31,641)	
93.866		Pass-Through Pass-Through		VUMC 90495 VUMC 86685	Aging Research	(31,641) 11,355	
93.866		Pass-Through		VUMC95951	Aging Research	237,083	
						10,987,654	2,502,736
							2,302,730
93.867		Direct		1F30EY033627-01A1	Vision Research	49,222	
93.867		Direct		1F31EY032348-01A1	Vision Research	16,602	
93.867 93.867		Direct Direct		1F31EY033235-01A1 1F31EY033663-01A1	Vision Research Vision Research	16,845 2,700	
93.867		Direct		1F31EY034386-01A1	Vision Research	32,989	
93.867		Direct		1F31EY035167-01A1	Vision Research	23,626	
93.867		Direct		1F31EY035554-01	Vision Research	28,465	
93.867		Direct		1R01EY027402-01	Vision Research	90,847	
93.867	National Institutes of Health	Direct		1R01EY029278-01	Vision Research	194,904	-
93.867		Direct		1R01EY030490-01	Vision Research	216,604	1,193
93.867		Direct		1R01EY031769-01	Vision Research	204,254	2,407
93.867		Direct		1R01EY032670-01	Vision Research	292,164	18,571
93.867		Direct		1R01EY033969-01A1	Vision Research	386,443	
93.867		Direct		1R01EY035157-01	Vision Research	190,702	-
93.867 93.867		Direct Direct		1U54EY032442-01 2R01EY002686-45	Vision Research Vision Research	1,291,654 213,979	339,742
93.867		Direct		2R01E1002080-45 2R01EY011500-23A1	Vision Research	450,272	
93.867		Direct		2R01E1011300-23A1 2R01EY012018-22-26	Vision Research	472,667	
93.867		Direct		2R01EY013462-20A1	Vision Research	523,427	116,340
93.867		Direct		2R01EY017077-13A1	Vision Research	64,196	-
93.867		Direct		2R01EY019882-09	Vision Research	(8,730)	
93.867	National Institutes of Health	Direct		2R01EY021833-08A1	Vision Research	452,548	
93.867		Direct		2R01EY024258-05A1	Vision Research	93,080	
93.867		Direct		2T32EY007135-26	Vision Research	99,070	
93.867		Direct		4R00EY030909-03	Vision Research	265,781	
93.867		Direct		7R01EY017077-12	Vision Research	146,989	144,161
93.867		Direct		R01EY027729	Vision Research	18,804	
93.867			University of Alabama at Birmingham	2R01EY027948-05 000531640-SC00	Vision Research	152,729	
93.867 93.867		Pass-Inrough	University of Houston	R-23-0022 VUMC108718	Vision Research Vision Research	(3,237) 3,464	-
93.867	National Institutes of Health	Pass-Through Pass-Through		VUMC108718 VUMC111225	Vision Research Vision Research	3,464 22,138	
93.867			Boston University	4500004101	Vision Research	36,722	-
00.007		11100gil	·····		·········	00,722	

Cluster	Assistance Listing Number	Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
	93.867	National Institutes of Health	Pass-Through	VUMC	VUMC 58888	Vision Research	244,596	
	93.867	National Institutes of Health	Pass-Through	VUMC	VUMC 58890	Vision Research	110,166	
	93.867	National Institutes of Health	Pass-Through		VUMC 67445	Vision Research	170,575	-
		National Institutes of Health	Pass-Through	VUMC	VUMC 68303	Vision Research	3,544	-
	93.867	National Institutes of Health	Pass-Through	VUMC	VUMC80598	Vision Research	7,139	
							6,577,940	622,414
	93.870	Health Resources and Services Administration	Pass-Through	University of Texas at Austin	UTAUS-SUB00000417	Maternal, Infant and Early Childhood Home Visiting Grant Program	93,456	-
							93,456	
	93.879	National Institutes of Health	Direct		1R01LM013434-01A1	Medical Library Assistance	323,398	171,093
		National Institutes of Health	Direct		2T15LM007450	Medical Library Assistance	26,682	-
	93.879	National Institutes of Health	Direct		2T15LM007450-21	Medical Library Assistance	722,404	9,013
							1,072,484	180,106
	93.884	Health Resources and Services Administration	Pass-Through	Meharry Medical College	190618MK206	Grants for Primary Care Training and Enhancement	58,255	-
							58,255	
	93.943	Centers for Disease Control	Pass-Through	University of Memphis	A21-0156-S001	Epidemiologic Research Studies of Acquired Immunodeficiency Syndrome (AIDS)		
						and Human Immunodeficiency Virus (HIV) Infection in Selected Population Groups	33,041	
							33,041	
	93.959	Substance Abuse and Mental Health Services Administration	Pass-Through	TN Department of Mental Health and Substance Abuse	DGA 78127_2023-2024_047	Block Grants for Prevention and Treatment of Substance Abuse	46,513	
		Substance Abuse and Mental Health Services Administration	Pass-Through	TN Department of Mental Health and Substance Abuse	B08TI010050-19	Block Grants for Prevention and Treatment of Substance Abuse	(3)	
	93.969	Health Resources and Services Administration	Pass-Through	VUMC	VUMC 74809	PPHF Geriatric Education Centers	114,416	
							160,926	
	97.RD	US Department of Homeland Security	Pass-Through	University of North Carolina Chapel Hill	5117117	Department of Homeland Security	(13)	
							(13)	<u> </u>
	98.RD	US Agency for International Development	Direct		7200AA19C00022	Agency for International Development	2.803.484	224,398
	90.KD	OS Agency for International Development	Direct		7200AA 1900022	Agency for International Development	2,803,484	224,398
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		ch & Development Cluster					257,699,469	31,786,283
Head Start								
		Administration for Children and Families Administration for Children and Families		ZERO TO THREE	2022090142 202309300498	Head Start	106,927 261,572	45,220 55,610
-			Pass-Through	ZERO TO THREE	202309300498	Head Start	261,572	
	fotal Head S						368,499	100,830
Highway Sa				T D	Z23THS340		5.031	
-		US Department of Transportation	Pass-Through	Tennessee Department of Safety & Homeland Security	Z231HS340	National Priority Safety Programs		<u> </u>
		y Safety Cluster					5,031	<u> </u>
Student Fin		stance Cluster						
		US Department of Education	Direct Direct		P007A223941 P007A233941	Federal Supplemental Educational Opportunity Grants Federal Supplemental Educational Opportunity Grants	253,669 1.710.713	-
	04.007	03 Department of Education	Direct		F007A233941	Pederal Supplemental Educational Opportunity Grants	1,964,382	<u> </u>
								<u> </u>
	84.033 84.033	US Department of Education US Department of Education	Direct Direct		P033A213941 P033A223941	Federal Work-Study Program	107 467,893	-
		US Department of Education	Direct		P033A223941 P033A233941	Federal Work-Study Program Federal Work-Study Program	1.469.471	
	04.000	Co Department of Education	Direct		1033A233341	rederal work-olddy rhogrann	1,937,471	
	84.038	US Department of Education	Direct			Federal Perkins Loan Program (Outstanding loans as of July 1, 2023)	3,721,338	
							3,721,338	<u> </u>
		US Department of Education	Direct		P063P222253	Federal Pell Grant Program	55,964	-
	84.063	US Department of Education	Direct		P063P232253	Federal Pell Grant Program	8,182,308	<u> </u>
							8,238,272	<u> </u>
	84.268	US Department of Education	Direct			Federal Direct Student Loans	112,603,140	
							112,603,140	
	84.379	US Department of Education	Direct		P379T242253	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)	14,410	
							14,410	
						Nurse Faculty Loan Program (NFLP)		
	93.264	US Department of Education	Direct			Outstanding loans as of July 1, 2023	9.985.102	
	93.264	US Department of Education	Direct			New loans issued during 2024	1,789,008	
	93.264	US Department of Education	Direct				11,774,110	
		· · · · · · · · · · · · · · · · · · ·				Nursing Student Loans		
	93.364	US Department of Education	Direct			Outstanding loans as of July 1, 2023	2.162.508	
	93.364	US Department of Education	Direct			New loans issued during 2024	498,750	
	93.364	US Department of Education	Direct				2,661,258	
	93.925	Health Resources and Services Administration	Direct		1 T08HP3933201-00	Scholarships for Health Professions Students from Disadvantaged Backgrounds	1,001,165	
	33.820		Direct		· · SOFII 3333201*00	Considerando for medium more asional oracionia more presidentialitagen packynumus	1,001,165	
-	Total Stud	t Financial Assistance Cluster					143,915,546	<u> </u>
I	oral Student	r Financial Assistance Cluster					143,915,546	

Cluster	Assistance Listing Number	: Cluster/Title/Federal Grantor/Program	Туре	Pass-Through Grantor	Award Identifier	Assistance Listing Program Title	Federal Expenditures	Passed Through to Subrecipients
Special Ed	ucation Clus 84.027 84.027 84.027 84.027 84.027	ster US Department of Education US Department of Education US Department of Education	Pass-Through Pass-Through Pass-Through Pass-Through	TN Department of Education	33101-2100433136GR5D_ED71227 33101-23075GRF5 33101-23206GRC3 VUMC105520	Special Education_Grants to States Special Education_Grants to States Special Education_Grants to States Special Education_Grants to States	2,301,908 376,161 56,200 32,650	1,500,119 - -
	•	Education Cluster	-				2,766,919	1,500,119
Other Pro	rams 20.205 20.205 20.205 20.205 20.205 20.205 20.205 20.205 98.001	US Department of Transportation US Department of Transportation	, i i i i i i i i i i i i i i i i i i i	TN Department of Transportation TN Department of Transportation TN Department of Transportation TN Department of Transportation	40100-11319-61300 40100-23220 40100-23200 40100-49730 40100-51113 91864 A23-0020-S002 ISA00000473	Highway Planning and Construction Highway Planning and Construction	254,304 78,699 884,786 251,653 732,081 63,452 3,273 2,268,248 15,940	: : : : : : : : : :
	Total Other P Total	Programs					2,284,188 407,039,652	33,387,232

1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") includes the federal expenditures of Vanderbilt University ("Vanderbilt") under programs of the federal government for the year ended June 30, 2024. The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* ("Uniform Guidance") and Office of Management and Budget Circular A-21, *Cost Principles for Educational Institutions* as applicable. Because the Schedule presents only a selected portion of the operations of Vanderbilt, it is not intended to, and does not, present the financial position, changes in net assets, or cash flows of Vanderbilt.

For purposes of the Schedule, federal awards include all grants, contracts, and similar agreements entered into directly between Vanderbilt and agencies and departments of the federal government and all subawards to Vanderbilt by nonfederal organizations pursuant to federal grants, contracts, and similar agreements.

2. Summary of Significant Accounting Policies for the Schedule

For purposes of the Schedule, expenditures for federal programs are recognized on the accrual basis, which is consistent with generally accepted accounting principles.

Expenditures for federal student financial assistance programs are recognized as incurred and include Federal Pell program grants to students, the federal share of students' FSEOG program grants, FWS program earnings, loans to students under federally guaranteed programs and certain other federal financial assistance grants for students and administrative cost allowances, where applicable.

Expenditures for other federal awards on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles in *Uniform Guidance* or *A-21*, wherein certain types of expenditures are not allowable or are limited as to reimbursement.

Expenditures for certain nonstudent financial assistance awards include facilities and administrative costs (indirect costs). Facilities and administrative costs allocated to such awards for the year ended June 30, 2024 were based on predetermined fixed rates negotiated with Vanderbilt's cognizant federal agency, the U.S. Department of Health and Human Services. Indirect costs and recoveries of those costs under sponsored programs are classified as unrestricted expenditures and revenues, respectively, in Vanderbilt's financial statements. Vanderbilt has elected not to use the 10-percent de minimis indirect cost rate allowed under the *Uniform Guidance*.

Negative amounts represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. This results in accurate reporting on a cumulative basis over multiple periods. Assistance Listing numbers and pass-through numbers are provided when available.

3. Federal Student Financial Assistance Programs

The Perkins, Nurse Faculty Loan Program (NFLP), and Nursing Student Loan (NSL) programs are administered directly by Vanderbilt, and balances and transactions relating to these programs are included in Vanderbilt's consolidated financial statements. The Perkins program was closed in 2017 and the outstanding funds are being paid back. Loans outstanding at the beginning of the year and the amount of direct loans made during the year ended June 30, 2024 are included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2024 consists of:

	Assistance Listing	
Program	Number	2024
Perkins	84.038	\$ 3,721,338
NFLP	93.264	11,774,110
NSL	93.364	2,661,258
		\$ 18,156,706

Vanderbilt is responsible for the performance of certain administrative duties with respect to the guaranteed federal direct loan programs. As a university qualified to originate loans, Vanderbilt is responsible for handling the complete loan origination process, including funds management and promissory note functions. Vanderbilt is not responsible for the collection of these loans.



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 Trust of Vanderbilt 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 Vanderbilt University and its subsidiaries, which comprise the consolidated statement of financial position as of June 30, 2024, 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 September 30, 2024.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered Vanderbilt 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 financial statements, but not for the purpose of expressing an opinion on the effectiveness of Vanderbilt University's internal control. Accordingly, we do not express an opinion on the effectiveness of Vanderbilt 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 with the entity basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

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



Report on Compliance and Other Matters

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

Trice waterhouse Coopers LLP

Nashville, Tennessee September 30, 2024



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

To the Board of Trust of Vanderbilt University

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Vanderbilt 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, 2024. 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, 2024.

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.

Other Matters

As indicated in Part I to the accompanying Schedule of Findings and Questioned Costs, we have audited the Student Financial Assistance cluster as a major program. Also, as indicated in the first paragraph of this report, we performed our audit of compliance using the compliance requirements contained in the OMB Compliance Supplement, including those contained in Part V 5.3, Compliance Requirement N, Special Tests and Provisions, Section 11 "Gramm-Leach-Bliley Act-Student Information Security." This section includes two suggested audit procedures with respect to verification that the institution (1) designated a Qualified Individual responsible for implementing and monitoring the institution's information security program, and (2) has a written information security program that addresses the remaining six required minimum elements that are detailed in the OMB Compliance Supplement, Part Five, Student Financial Assistance Cluster, Special Tests and Provisions, item 11, Gramm-Leach-Bliley Act – Student Information Security.



Our procedures in relation to these two items were limited to inquiry of and obtaining written representation from management and obtaining and reading management's documentation related to these two items. Our procedures did not include an analysis of the adequacy or completeness of the minimum required elements of the institution's information security program.

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as item 2024-001. Our opinion on each major federal program is not modified with respect to this matter.

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the noncompliance finding identified in our audit described in the accompanying Management's View and Corrective Action Plan. The University's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

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 is a material weakness in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance is a deficiency or a combination of deficiencies, in internal control over compliance with a type of 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 that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance that we consider to be material weaknesses.

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.

Trice waterhouse Coopers LLP

Nashville, Tennessee March 20, 2025

Vanderbilt University Schedule of Findings and Questioned Costs Year Ended June 30, 2024

Section I - Summary of Auditor's Result	S				
Financial Statements					
Type of auditor's report issued:		Unmodified			
Internal control over financial reporting:					
Material weakness(es) identified?			yes	X	no
	at are not considered to be material weaknesses?		yes	<u> </u>	none reported
Noncompliance material to financial st	atements noted?		yes	<u> </u>	no
Federal Awards					
Internal control over major programs:					
Material weakness(es) identified?			yes	X	no
	are not considered to be material weaknesses?		yes	X	none reported
Type of auditor's report issued on compliar	nce for major programs:				
A second the first second s		Unmodified			
Any audit findings disclosed that are requir with the 2 CFR 200.516(a)?	ed to be reported in accordance	v			
		X	yes		no
Identification of major programs					
Assistance Listing Number(s)	Name of Federal Program or Cluster				
Various	Student Financial Assistance Cluster				
Dollar threshold used to distinguish be	tween type A and type B programs:	\$ 3,000,000			
Auditee qualified as low-risk auditee?		X	yes		no
Section II - Financial Statement Finding	s				

No matters noted.

Section III – Federal Award Findings and Questioned Costs Finding 2024-001: Disbursement Notification Federal Agency: Department of Education Program: Federal Direct Student Loans and Teacher Education Assistance for College and Higher Education Grants (TEACH Grants) Assistance Listing #: 84.268 and 84.379 Award #: Various Award Year: 2023-2024

Criteria:

When Direct Loans or TEACH¹ funds are being credited to a student's account on behalf of the federal government, the institution must notify the student, or parent, in writing of

- 1) the date and amount of the disbursement;
- 2) the student's right, or parent's right, to cancel all or a portion of that loan or loan disbursement and have the loan proceeds returned to the holder of that loan or the TEACH Grant payments returned to ED; and
- 3) the procedure and time by which the student or parent must notify the institution that he or she wishes to cancel the loan, TEACH Grant, or TEACH Grant disbursement (a minimum of 14 or 30 days depending on confirmation process).

Institutions that do not implement an affirmative confirmation process must notify a student no earlier than 30 days before, but no later than seven days after, crediting the student's account and must give the student 30 days (instead of 14) to cancel all or part of the loan.

Condition:

During the 2024 award year, thirteen out of the twenty-five students tested in our sample of the disbursement compliance requirement noted above were not notified in compliance with the above-noted requirement.

For eleven out of the thirteen exceptions, there was not timely notification of the disbursement of federal aid to the student in accordance with the timelines outlined in the compliance requirement above. For ten out of the eleven students, notification of disbursement was sent between 9 and 60 days subsequent to disbursement. For one out of the eleven students, management was unable to provide evidence of disbursement notification.

For two out of the thirteen exceptions, the notifications sent to the students did not include the dollar amounts disbursed or the date of disbursement. For these two students, management was unable to provide evidence of subsequent disbursement notification.

Questioned Costs: None.

Cause:

The University's internal student information system, PeopleSoft, is configured to automatically send students notifications of federal aid loan disbursements within the required timelines. However, in April and May of 2024, a new staff member in the Office of Student Financial Aid and Scholarships erroneously checked a manual Peoplesoft flag, thereby preventing subsequent disbursement

¹ The Teacher Education Assistance for College and Higher Education (TEACH) Grant Program provides ~\$4,000/yr of undergraduate study grant funds to students enrolled in an eligible program of study at a participating school. Students must commit to teach full time for at least four years in a high-need field at a low-income school or educational service agency. If the student fails to fulfill the obligation, the grant converts to an interest-bearing loan.

Vanderbilt University Schedule of Findings and Questioned Costs Year Ended June 30, 2024

notifications. This mistake occurred because the electronic procedure the staff member followed was incomplete due to a missing screen shot which led to the inadvertent mistake.

In June the University identified the issue through subsequent manual reviews and sent notifications to the affected students, although outside the required timelines.

Additionally, in January 2024, the initial run of the loan notifications for the spring 2024 semester was missing certain required data, such as dollar amounts and disbursement dates. This occurred because one of the queries within the PeopleSoft communication generation process failed to complete due to a data merge issue combined with a large data input resulting in blank information on certain of the notifications.

Effect:

The University did not timely/accurately send notifications to students regarding disbursements of federal aid in accordance with the above-noted compliance requirement.

Recommendation:

We recommend the University remain focused on this compliance requirement and enhance its monitoring of automated controls (such as through manual reviews) to ensure students are notified timely of disbursements and that all required data is included within each notification. Additionally, we recommend the University continue to monitor the quality control steps installed in award year 2024 to ensure compliance.

Views of Responsible Officials/Management Response:

See Management's view and corrective action plan included at the end of this report.

Vanderbilt University Summary Schedule of Prior Audit Findings Year Ended June 30, 2024

Finding 2023-001: Suspension and Debarment Check Federal Agency: Various Program: Research and Development Cluster Assistance Listing #: Various Award #: Various Award Year: 2023

Condition:

During the 2023 award year, for three out of twenty-five vendors tested for suspension and debarment checks, there was no evidence provided that the checks were performed. The University subsequently verified these vendors are not suspended or debarred.

Recommendation:

It was recommended the University reiterate to control owners the importance of ensuring suspension and debarment checks is performed and that adequate documentation of the checks are maintained pursuant to its internal controls and policies. Additionally, it was also recommended that we consider a review control to ensure suspension and debarment checks are performed for all vendors on a routine basis.

Actions Taken:

In response to the finding and the above recommendation, the following procedures were put in place during 2024. All active suppliers in Oracle are registered in our OFAC Monitor List, maintained by GIACT. This automated system performs regular suspension and debarment checks, and potential matches are reviewed manually by the Supplier Records team.

All new suppliers are automatically added to the OFAC Monitor List during their onboarding process. Inactive suppliers who are considered for reactivation undergo a manual gOFAC® check, a process which also adds them to the automated OFAC Monitor List.

Manual checks are scheduled which compare the list of active suppliers in Oracle against the OFAC Monitor List to identify suppliers who passed their initial gOFAC® suspension and debarment check but were not automatically added to the OFAC Monitor List due to system error, etc. Such suppliers are then added manually to the OFAC Monitor List."



The following was noted during the audit of Federal programs in accordance with UMB Uniform Guidance.

Management proposes the following Corrective Action Plan:

Finding 2024-001: Notification of Title IV loan disbursements and the borrower's right to cancel all or part of the loan was not provided appropriately.

Management's View

The University agrees with this finding. Two separate issues contributed to the finding. Vanderbilt identified both issues internally and implemented immediate measures to mitigate the impact to students ensuring all notifications are properly delivered prospectively.

First, human error, primarily due to incomplete documentation and a new staff member running the process, caused the issue of some loan notifications not being sent. However, the University implemented quality control steps in July of 2024 to resolve the issue. These steps included providing additional training to the staff member, correcting the documentation, and updating the scheduled run control of the process to correctly identify all students with any federal loan disbursement. In addition, the University implemented a quality control process creating a daily report, generated from multiple PeopleSoft queries, that identifies any students who have a federal loan either initially or subsequently disbursed who are missing the required notifications.

Second, a data merge issue combined with larger than usual volumes of students receiving loan disbursements caused a processing error resulting in blank information on loan notifications. The initial run in the spring semester included a larger than usual number of students with loan disbursements who shared the same start date, whereas in comparison fall start dates generally are more varied. The University identified this issue in January through manual reviews and manually sent subsequent notifications to affected students.

Corrective Action Plan

As a corrective measure, Vanderbilt took the following actions to address the identified issues:

- 1. Reviewed and updated documentation related to the Peoplesoft notification process to ensure completeness and accuracy.
- 2. Provided additional staff training to the personnel responsible for running the notifications process within Peoplesoft.
- 3. Created a quality review process to review a daily report from Peoplesoft that identifies any student with a federal loan disbursement that is missing required notifications.
- 4. Updated queries related to communication generation to run more efficiently.
- 5. Modified the communication generation process to run nightly instead of weekly to ensure data limits are appropriate to allow the process to run completely and accurately.
- 6. Created a quality review process to review a weekly report from PeopleSoft to timely identify any missing information in student notifications.

Vanderbilt fully implemented the steps above by September 2024.

For follow-up questions and information, please contact Brent Tener, Assistant Provost and Executive Director of Student Financial Aid and Scholarships at Vanderbilt University.