Thomas Jefferson University

Reports on Federal Awards in Accordance with OMB Uniform Guidance June 30, 2022 Federal Identification Number 23-1352651

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Report of Independent Auditors

To the Board of Trustees Thomas Jefferson University:

Report on the Audit of the Consolidated Financial Statements

Opinion

We have audited the accompanying consolidated financial statements of Thomas Jefferson University and its subsidiaries (the "University"), which comprise the consolidated balance sheets as of June 30, 2022 and 2021, and the related consolidated statements of operations and changes in net assets without donor restrictions, of changes in net assets, and of cash flows for the years then ended, including the related notes (collectively referred to as the "consolidated financial statements").

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the University as of June 30, 2022 and 2021, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are required to be independent of the 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 financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the University's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

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



there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

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

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the consolidated financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the University's ability to continue as a going concern for a reasonable period of time.

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

Supplemental Information

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements as a whole. The accompanying schedule of expenditures of federal awards for the year ended June 30, 2022 and schedules of financial responsibility ratios as of and for the year ended June 30, 2022 are presented for purposes of additional analysis as required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance) and the Department of Education, respectively, and are not a required part of the consolidated financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the consolidated financial statements. The information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves, and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards and schedules of financial responsibility ratios are fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole.

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements taken as a whole. The consolidating information as of and for the year ended June 30, 2022 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 consolidating information has been subjected to the auditing procedures applied in the audit of the consolidated financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the consolidated financial statements or to the consolidated financial statements themselves and other additional procedures, in accordance with auditing standards generally accepted in the United States of



America. In our opinion, the consolidating information is fairly stated, in all material respects, in relation to the consolidated financial statements taken as a whole. The consolidating information is presented for purposes of additional analysis of the consolidated financial statements rather than to present the financial position, results of operations and cash flows of the individual entities and is not a required part of the consolidated financial statements. Accordingly, we do not express an opinion on the financial position, results of operations and cash flows of the individual entities.

Our audit was conducted for the purpose of forming an opinion on the consolidated financial statements taken as a whole. The supplementary information included in the Schedule of Expenditures of Federal Awards Supplementary Schedules, of the accompanying Consolidated Financial Statements for the year ended June 30, 2022 on pages 85-87 are presented for purposes of additional analysis and are not a required part of the consolidated financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the consolidated financial statements and accordingly, we do not express an opinion or provide any assurance on them.

Other Reporting Required by Government Auditing Standards

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In accordance with *Government Auditing Standards*, we have also issued our report dated October 18, 2022, except with respect to the opinion on the schedule of financial responsibility ratios, as to which the date is March 31, 2023, on our consideration of the University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters for the year ended June 30, 2022. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control over financial reporting and compliance.

Philadelphia, Pennsylvania

October 18, 2022, except with respect to the opinion on the schedule of financial responsibility ratios, as to which the date is March 31, 2023

Thomas Jefferson University Consolidated Balance Sheets June 30, 2022 and 2021 (In Thousands)

Assets	2022	2021
Current assets: Cash and cash equivalents	\$403,988	\$301,454
Short-term investments	1,350,713	2,531,594
Accounts receivable	761,073	583,790
Insurance premium receivable	479,777	-
Inventory	152,398	119,370
Pledges receivable, current	25,654	31,165
Insurance recoverable, current	90,298	71,971
Assets whose use is limited, current	27,878	737
Other current assets	76,274	51,718
Total current assets	3,368,053	3,691,799
Long-term investments	2,725,639	1,699,470
Assets whose use is limited, noncurrent	375,694	85,630
Assets held by affiliated foundations	42,703	50,670
Pledges receivable, noncurrent	122,312	103,522
Goodwill	216,140	137
Insurance recoverable, noncurrent	302,319	221,032
Loans receivable from students, net	19,885	21,054
Land, buildings and equipment, net	3,954,950	3,066,244
Right-of-use assets	350,412	311,698
Other noncurrent assets	177,941	36,666
Total assets	\$11,656,048	\$9,287,922
Liabilities and Net Assets		
Current liabilities:		
Current portion of:		
Long-term obligations	\$92,281	\$33,739
Accrued professional liability claims	234,404	120,290
Accrued workers' compensation claims	21,570	12,741
Deferred revenues	30,381	28,600
Advances	196,822	317,859
Operating lease obligations	44,869	32,783
Accounts payable and accrued expenses	618,416	421,041
Medical costs payable	122,670	-
DHS insurance program payable	134,276	-
Accrued payroll and related costs	462,999	361,209
Total current liabilities	1,958,688	1,328,262
Long-term obligations	3,356,189	2,133,005
Accrued pension liability	401,111	391,392
Federal student loan advances	5,477	5,867
Deferred revenues	15,347	5,417
Accrued professional liability claims	616,458	459,761
Accrued workers' compensation claims	24,781	25,289
Interest rate hedges	18,211	34,919
Operating lease obligations	357,002	320,082
Advances	-	106,062
Other noncurrent liabilities	79,451	94,948
Total liabilities	6,832,715	4,905,004
Net assets:		
Net assets without donor restriction - Thomas Jefferson University	3,753,482	3,414,189
Noncontrolling interest in joint ventures	12,958	17,501
Total net assets without donor restriction	3,766,440	3,431,690
Net assets with donor restriction	1,056,893	951,228
Total net assets	4,823,333	4,382,918
Total liabilities and net assets	\$11,656,048	\$9,287,922

Thomas Jefferson University Consolidated Statements of Operations and Changes in Net Assets without Donor Restrictions For the Years Ended June 30, 2022 and 2021 (In Thousands)

	2022	2021
Operating revenues, gains and other support:		
Net patient service revenue	\$5,603,560	\$4,599,893
Insurance premium revenue	1,155,962	-
Grants and contracts	161,201	160,603
Tuition and fees, net	216,454	208,909
Investment income	88,573	77,474
Contributions	4,499	3,543
Other revenue	497,719	395,159
Government support for COVID-19	119,363	159,344
Net assets released from restrictions	67,154	57,948
Total operating revenues, gains and other support	7,914,485	5,662,873
Operating expenses:		
Salaries and wages	3,315,774	2,585,100
Employee benefits	726,609	549,177
Insurance services medical expenses	862,277	- -
Supplies	1,222,440	980,293
Purchased services	750,065	610,143
Depreciation and amortization	328,303	263,796
Interest	83,995	56,043
Insurance	136,204	108,717
Utilities	73,982	69,066
Other	540,675	434,654
Total operating expenses	8,040,324	5,656,989
(Loss) income from operations	(125,839)	5,884
Nonoperating items and other changes in net assets without donor restriction, net:		
Return on investments, net of amounts classified as operating revenue	(374,349)	478,196
Contribution received in Einstein acquisition	490,770	-
Gain on investment in HPP acquisition	175,828	-
Interest rate hedges	16,844	24,629
Reclassification of net assets	(2,117)	(322)
Net assets released from restrictions used for purchase of property and equipment	2,318	7,780
Decrease in pension liability	198,830	379,655
Distributions to noncontrolling interest	(11,727)	(10,036)
Gain (loss) on defeasance of debt	(35,808)	-
Other		188
Increase in nonoperating items and other changes in net assets without donor restriction	460,589	880,090
Increase in net assets without donor restriction	\$334,750	\$885,974

Thomas Jefferson University Consolidated Statements of Changes in Net Assets For the Years Ended June 30, 2022 and 2021 (In Thousands)

	2022	2021
Net assets without donor restriction:		
Revenues, gains and other support	\$7,914,485	\$5,662,873
Expenses	(8,040,324)	(5,656,989)
Nonoperating items and other changes in net assets without donor restriction, net	460,589	880,090
Increase in net assets without donor restriction	334,750	885,974
Net assets with donor restriction:		
Contributions	85,240	77,951
(Loss) gain on investments, net	(52,819)	97,702
Net (loss) gain on externally held trusts	(20,528)	25,544
Investment income	4,757	4,719
Net assets released from restrictions	(69,472)	(65,728)
Changes in net assets held by affiliated foundations	(7,967)	10,486
Change in value of split interest agreements	(2,285)	3,039
Contribution received in Einstein acquisition	166,410	-
Reclassification of net assets	2,329	322
Increase in net assets with donor restriction	105,665	154,035
Increase in net assets	440,415	1,040,009
Net assets, beginning of year	4,382,918	3,342,909
Net assets, end of year	\$4,823,333	\$4,382,918

Thomas Jefferson University Consolidated Statements of Cash Flows For the Years Ended June 30, 2022 and 2021 (In Thousands)

	2022	2021
Cash flows from operating activities:	0.4.40 41.77	0.1 0.40 0.00
Increase in net assets	\$440,415	\$1,040,009
Adjustments to reconcile changes in net assets to net cash (used in) provided by operating activities:	(657,180)	
Contributions received in acquisition of Einstein Decrease in pension liability	(198,830)	(379,655)
Depreciation and amortization	329,355	264,695
Bond premium amortization	(9,811)	(8,905)
Change in assets held by affiliated foundation	7,967	(10,487)
Loss (gain) on investments and other, net	387,770	(684,584)
Gain on investment in HPP acquisition	(175,828)	-
Gain on sale of controlling interest	(31,620)	_
Net gain on interest rate hedges	(16,845)	(24,629)
Distribution to noncontrolling interest	11,727	10,036
Funds withheld under the Medicare Accelerated and Advance Payment Program	(368,140)	(52,602)
Loss on defeasance of debt	35,808	-
Contributions designated for acquisition of long-term assets	(37,106)	(19,814)
Net change due to:	(,,	(- /- /
Accounts receivable	(90,754)	(90,418)
Insurance premium receivable	(308,660)	-
Pledges receivable	(8,279)	(5,226)
Inventory	(7,724)	(16,038)
Accounts payable and accrued expenses	9,332	51,552
Medical costs payable	(23,548)	-
DHS insurance program payable	33,262	-
Accrued payroll and related costs	25,489	73,926
Grant and contract advances	37,366	2,186
Accrued pension liability	27,644	(16,375)
Insurance recoverable and accrued professional and workers' compensation claims	(16,441)	40,060
Dividends received from joint ventures	19,563	26,269
Other assets and liabilities	(47,844)	38,290
Net cash (used in) provided by operating activities	(632,912)	238,290
Cash flows from investing activities:		
Cash received in acquisition of Einstein	91,915	-
Acquisition of Health Partners, net of cash acquired	(1,080)	-
Purchase of land, buildings and equipment	(318,803)	(391,965)
Purchases of investments and assets whose use is limited	(9,753,426)	(9,038,031)
Proceeds from sales of investments and assets whose use is limited	10,049,398	8,867,814
Student loans issued	(3,534)	(3,647)
Student loans repaid	4,703	4,650
Net cash provided by (used in) investing activities	69,173	(561,179)
Cash flows from financing activities:		
Distribution to noncontrolling interest	(11,727)	(10,036)
Contributions designated for acquisition of long-lived assets	37,106	19,814
Federal student loan advances	(390)	(1,718)
Deferred financing fees	(11,029)	-
Proceeds from long-term obligations	1,685,672	_
Repayment of long-term obligations	(1,033,359)	(184,735)
Net cash provided by (used in) financing activities	666,273	(176,675)
Net increase (decrease) in cash and cash equivalents	102,534	(499,564)
Cash and cash equivalents at beginning of period	301,454	801,018
Cash and cash equivalents at end of period	\$403,988	\$301,454
Supplemental disclosures:	#00 #0 0	ф я я 000
Interest paid (net of amount capitalized)	\$80,582	\$75,809
Accounts payable related to buildings and equipment	\$47,412	\$46,658
Operating cash flows for operating leases	\$48,755	\$49,309
Right-of-use assets obtained in exchange for lease obligations	\$28,148	\$332,785
Long-term construction obligation	\$165,290	-

1. ORGANIZATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accompanying financial statements represent the consolidated balance sheet, statement of operations and changes in net assets without donor restrictions and cash flows of Thomas Jefferson University ("TJU"), including TJUH System ("TJUHS"), Abington Health ("Abington"), Jefferson Health Northeast System ("JHNES"), Philadelphia University, Kennedy Health System ("Kennedy"), Magee Rehabilitation Hospital ("Magee"), Albert Einstein Healthcare Network ("Einstein") and Health Partners Plans ("HPP").

TJU is an independent, non-profit corporation organized under the laws of the Commonwealth of Pennsylvania ("the Commonwealth") and recognized as a tax-exempt organization pursuant to Section 501(c) (3) of the Internal Revenue Code. TJU has a tripartite mission of education, research and patient care. TJU conducts research and offers undergraduate and graduate instruction through the Sidney Kimmel Medical College, the Jefferson College of Nursing, the Jefferson College of Pharmacy, the Jefferson College of Health Professions, the Jefferson College of Population Health, the Jefferson College of Biomedical Sciences, the Jefferson College of Rehabilitation Sciences, the Kanbar College of Design, Engineering and Commerce, the School of Continuing and Professional Studies, the College of Architecture and the Built Environment, and the College of Science, Health and the Liberal Arts. The combined institution has approximately 7,500 students and is located in Philadelphia, Pennsylvania, with additional campus locations in the Greater Philadelphia Region.

TJUHS, Abington, Jefferson Health Northeast ("JHNE"), Kennedy, Magee and Einstein are integrated healthcare organizations that provide inpatient, outpatient and emergency care services through acute care, ambulatory care, rehabilitation care, physician and other primary care services for residents of the Greater Philadelphia Region. TJU is the sole corporate member of TJUHS, Abington, Aria, Kennedy, Magee and Einstein.

HPP provides access to healthcare services on a prepaid basis. HPP is licensed by the Commonwealth Departments of Insurance and Health to operate as a Health Maintenance Organization. Pursuant to an agreement effective through August 31, 2022 with the Department of Human Services of the Commonwealth of Pennsylvania ("DHS"), HPP provides for the provision of physical health Medical Assistance ("MA") Program benefits through its HealthChoices Medicaid Program to enrollees residing in the Southeast Zone (Philadelphia and four surrounding counties – Bucks, Chester, Delaware, and Montgomery). Effective September 1, 2022, HPP entered into the new DHS Expansion contract which covers all HealthChoices zones (Northeast, Northwest, Southeast, Southwest and Lehigh/Capital) in Pennsylvania. Additionally, HPP provides comprehensive physical and behavioral health insurance though the Commonwealth of Pennsylvania's Children's Health Insurance Program (CHIP) and its Medicare Advantage program and products through a contract with the Centers for Medicare and Medicaid Services. As of June 30, 2022, there were approximately 276,000, 8,300 and 13,200 members enrolled with Health Partners HealthChoices, CHIP and Medicare programs, respectively.

TJU includes the accounts of subsidiaries of Thomas Jefferson University including 1100 Walnut Associates; 925 Walnut Corporation; and the accounts of subsidiaries of TJUHS, including Thomas Jefferson University Hospitals, Inc. ("TJUH"); Jefferson University Physicians ("JUP"); Jefferson Physician Services; the Atrium Corporation; Jeffex, Inc.; Methodist Associates in Healthcare, Inc.; JeffCare, Inc.; JeffCare Alliance, LLC; Jefferson University Radiology Associates ("JURA", an 80% owned joint venture); the Riverview Surgery Center at the Navy Yard, LP ("Riverview", a 51% owned joint venture); Rothman Orthopaedic Specialty Hospital, LLC ("ROSH", a 54% owned joint venture); and the accounts of subsidiaries of Abington including Abington Memorial Hospital; Lansdale Hospital Corporation; and Abington Health Foundation; and the accounts of subsidiaries of JHNES including JHNE; Aria Physician Services; Aria Health Orthopaedics; System Service Corporation; Aria IPE, LLC; Medical Imaging Associates (an 83% owned joint venture; liquidated in January 2021); T.F. Development, Inc.; Health Care, Inc.; TMB Enterprises and Jefferson Health – Northeast Foundation; and the accounts of Philadelphia University; and the accounts of subsidiaries of Kennedy including Kennedy University Hospital, Inc.; Kennedy Health Care Foundation; STAT Medical Transport, Inc.; Kennedy Property Corporation; Kennedy Health Facilities, Inc.; Kennedy Medical Group Practice PC, d/b/a Kennedy Health Alliance; Kennedy Management Group, Inc.; Professional Medical Management Group, Inc.; and Garden State Radiology Network, LLC ("GSRN", a 51% owned joint venture); and the accounts of Magee; and the accounts of subsidiaries of Einstein including Albert Einstein Medical Center; Einstein Practice Plan, Inc.; Einstein Community Health Associates; Einstein Medical Center Montgomery; Montgomery Hospital Center; Fornance Physician Services; BCCT Over Corp; Einstein Healthcare Systems, Inc.; Einstein Care Partners, Inc.; and Broadline Risk Retention Group, Inc.; and the accounts of HPP including SelectScripts, LLC; Health Partners Solutions, LLC and Health Partners Foundation.

Subsequent Events

TJU has performed an evaluation of subsequent events through October 18, 2022, which is the date the consolidated financial statements were issued.

Principles of Consolidation

The accompanying consolidated financial statements include the accounts of TJU and its subsidiaries. All significant intercompany accounts and transactions have been eliminated.

Financial Statement Presentation

The accompanying consolidated financial statements have been prepared on an accrual basis.

TJU classifies net assets as follows:

Net Assets without Donor Restrictions are those assets that are not subject to donor-imposed restrictions and may be expended for any purpose in fulfilling the mission of TJU. These net assets may be used at the discretion of TJU's management and the Board of Trustees.

Net Assets with Donor Restrictions are those assets whose use by TJU has been limited by donors to a specific time period or purpose. Some donor restrictions are temporary in nature; those restrictions will be met by actions of TJU and/or the passage of time. Other donor restrictions are perpetual in nature, where the funds are to be maintained in perpetuity by TJU, per the stipulation of the donor.

Donor restricted contributions are reported as increases in net assets with donor restrictions. When a restriction expires, net assets are reclassified from net assets with donor restrictions to net assets without donor restrictions in the consolidated statements of operations and changes in net assets without donor restrictions.

TJU's operating activities within the consolidated statements of operations includes revenues and expenses from providing education, research, patient and insurance services, grants and contracts, unrestricted contributions, net assets released from restriction, government support for Covid-19, distributions of investment returns based on TJU's spending policy and other revenue.

TJU's non-operating activities within the consolidated statements of operations and changes in net assets without donor restrictions include investment returns and other activities related to endowment, contribution received in Einstein transaction, gain on investment in HPP acquisition, interest rate hedges, net assets released from restrictions used for the purchase of property and equipment, distributions to noncontrolling interest, loss on defeasance of debt, reclassification of net assets and long-term benefit plan obligation funding changes that are not part of the TJU's operating activities.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Management considers critical accounting policies to be those that require more significant judgments and estimates in the preparation of the financial statements including, but not limited to, recognition of net patient service revenue, which includes implicit price concessions; recognition of estimates for healthcare professional and general liabilities; determination of fair values of certain financial instruments; recognition of medical costs payable and assumptions for measurement of pension obligations. Management relies on historical experience and other assumptions believed to be reasonable relative to the circumstances in making judgments and estimates. Actual results could differ from those estimates.

Cash and Cash Equivalents

Cash and cash equivalents consist of cash and investments in highly liquid debt instruments with a maturity of three months or less when purchased and are carried at cost, which approximates fair value. All short-term, highly liquid investments, including any such investments purchased with funds on deposit with bond trustees, otherwise qualifying as cash

equivalents or restricted cash equivalents, within TJU's investments and assets whose use is limited are treated as investments, at fair value and are therefore excluded from Cash and cash equivalents in the consolidated statements of cash flows.

Short-term investments

Investments classified as short-term investments are available to fund current operations as needed and exclude quasi-endowment funds, donor restricted endowment funds (including beneficial interests in perpetual trusts administered by third parties), investments held under split-interest agreements and investments subject to the equity method.

Charitable Medical Care Provided

TJU provides medically necessary services to all patients regardless of their ability to pay. Some patients qualify for charity care based on policies established by TJU and are therefore not responsible for payment for all or a part of their healthcare services. These policies allow for the provision of free or discounted care in circumstances where requiring payment would impose financial hardship on the patient.

TJU maintains records to identify and monitor the level of charity care provided. These records include the amount of charges foregone for services and supplies furnished. Such amounts have been excluded from net patient service revenue. Management estimates that the cost of charity care provided by TJU was \$46.7 million and \$37.1 million for the years ended June 30, 2022 and 2021, respectively. The estimated costs of providing charity services are based on a calculation which applies a ratio of costs to charges to the gross uncompensated charges associated with providing care to charity patients. The ratio of cost to charges is calculated based on the TJU total expenses divided by gross charges.

Net Patient Service Revenue

Net patient service revenue is reported at the amount that reflects the consideration to which TJU expects to be entitled in exchange for providing patient care.

TJU determines the transaction price based on gross charges for services provided, less contractual adjustments provided to third-party payers based upon agreements, discounts provided to uninsured patients pursuant to TJU's policies, and implicit price concessions provided to uninsured patients and patients with insurance that are responsible for co-pay and/or deductible amounts. TJU determines its estimate of implicit price concessions based upon historical collection experience using a portfolio approach as a practical expedient. Subsequent changes to the estimate of the transaction price are generally recorded as adjustments to net patient service revenues in the period of change.

TJU determines performance obligations based upon the nature of the services provided. Net patient service revenue is recognized as performance obligations are satisfied. TJU recognizes revenues for performance obligations satisfied over time based on actual charges incurred in relation to total expected charges. Generally, performance obligations satisfied over time relate to patients in our hospitals receiving inpatient acute care services or patients receiving services

in our outpatient centers. TJU measures the performance obligation from admission into the hospital, or the commencement of an outpatient service, to point when there are no further services required for the patient, which is generally at the time of discharge or completion of the outpatient services. Revenue for performance obligations satisfied at a point in time is generally recognized when goods are provided to our patients and customers in a retail setting (for example, pharmaceuticals and medical equipment) and TJU does not believe it is required to provide additional goods or services to the patient.

As substantially all of TJU's patient service performance obligations relate to contracts with a duration of less than one year, TJU has elected to not disclose the aggregate amount of the transaction price allocated to performance obligations that are unsatisfied or partially unsatisfied at the end of the reporting period. The unsatisfied or partially unsatisfied performance obligations referred to above are primarily related to inpatient acute care services at the end of the reporting period. The performance obligations for these contracts are generally completed when the patients are discharged, which generally occurs within days or weeks after the end of the reporting period.

Net patient service revenue includes estimated retroactive adjustments under reimbursement agreements with third-party payers. Retroactive adjustments are considered in the recognition of revenue on an estimated basis in the period the related services are rendered and are adjusted in future periods as final settlements are determined.

Revenue from the Medicare and Medicaid programs accounted for approximately 42.4% and 16.7%, respectively, and 40.9% and 12.9%, respectively of net patient service revenue in 2022 and 2021, respectively. Most payments to TJU from the Medicare and Medicaid programs for inpatient hospital services are made on a prospective basis. Under these programs, payments are made at a pre-determined specific rate for each discharge based on a patient's diagnosis. Additional payments are made to TJU teaching and disproportionate share hospitals, as well as for cases that have unusually high costs. Laws governing the Medicare and Medicaid programs are complex and subject to interpretation. Services billed to the Medicare program are subject to external review for both medical necessity and billing compliance. Medicare cost reports for all years, except 2011, 2018, 2019, 2020 and 2021 have been audited and final settled as of June 30, 2022. No significant adjustments are expected. In addition, TJU received funds from the Philadelphia Hospital Assessment program and the Medical Assistance Modernization Act-Quality Care Assessment program in the amount of \$266.8 million and \$175.7 million in 2022 and 2021, respectively, and are recorded in net patient service revenue. TJU paid taxes in respect to these programs amounting to \$148.7 million and \$114.7 million in 2022 and 2021, respectively, and are recorded in other operating expenses. Both programs were designed to provide supplemental funding for licensed acute care hospitals with the Philadelphia Hospital Assessment program specifically designated for hospital emergency services.

TJU has also entered into agreements with certain commercial insurance carriers, health maintenance organizations and preferred provider organizations. The basis for payment to TJU under these agreements includes prospectively determined rates per discharge, discounts from

established charges, prospectively determined daily rates and capitated rates. In addition, incentives are paid for high performance with regard to clinical outcome, patient quality, patient

satisfaction and efficiency. Revenue from Blue Cross and Aetna USHC amounted to 23.5% and 8.1%, respectively, and 26.1% and 10.5%, respectively, of TJU's net patient service revenue in 2022 and 2021, respectively.

Insurance Premium Revenue

Healthcare insurance premiums are recognized as revenue in the month in which the enrollee is entitled to receive health care services and are reported net of an allowance for estimated terminations and uncollectible amounts. Additionally, certain premium revenue subject to the minimum medical loss ratio ("MLR") rebate requirements of the Patient Protection and Affordable Care Act and the Health Care and Education Reconciliation Act of 2010 is recorded net of the estimated minimum MLR rebates. Insurance premium revenue includes MA, Medicare and CHIP contracts.

Medical Costs Payable

Medical costs payable consists principally of unpaid fee-for-service medical and pharmacy claims and capitation costs related to HPP's products. Unpaid healthcare claims included an estimate of payments to be made on claims reported but not yet paid and for healthcare services rendered to members but not yet reported to HPP as of the date of the Consolidated Balance Sheets, collectively, referred to as incurred but not reported (IBNR). Also included in these estimates is the cost of services that will continue to be rendered after the Consolidated Balance Sheet date if HPP is obligated to pay for such services in accordance with contractual or regulatory requirements.

Such estimates are developed using actuarial principles and assumptions which consider, among other things, historical and projected claim submission and processing patterns, assumed and historical medical cost trends, historical utilization of healthcare services, claim inventory levels, changes in membership and product mix, seasonality, and other relevant factors. HPP reflects changes in these estimates in healthcare costs in operating results in the period they are determined. While the ultimate amounts of claims and related expenses are dependent on future developments, it is managements opinion that the liabilities that been established are adequate to cover such costs.

Grants and Contracts

Grants and contracts revenue primarily represents research activity sponsored by governmental and private sources. TJU's primary source of federal sponsored support is the Department of Health and Human Services. In 2022 and 2021, revenue earned from federal sources totaled \$124.9 million and \$125.7 million, respectively. Facilities and administrative costs recovered on federally sponsored programs are generally based on predetermined rates negotiated with the Federal Government while recovery on all other sponsored projects is based on rates negotiated with the respective sponsor. Funds received for sponsored research activity are subject to audit. Based upon information currently available, management believes that any

liability resulting from such audits will not materially affect the financial position or operations of TJU.

Tuition and Fees

Tuition and fees revenue is recognized in the fiscal year in which the academic programs are delivered. Tuition and fees received in advance of services to be rendered are reported as deferred revenue on the consolidated balance sheets. TJU provides financial aid to eligible students in the form of institutional scholarships, loans and employment during the academic year. Tuition and fees have been reduced by certain institutional grants and scholarships in the amount of \$81.7 million and \$74.8 million in 2022 and 2021, respectively.

Contributions

Contributions, including unconditional promises to donate cash and other assets, are recognized at fair value on the date of receipt, recognized as revenue in the period received and are reported as increases in the appropriate net asset category based on with or without donor restrictions. Pledges received which are to be paid in future periods, and contributions restricted by the donor for specific purposes are reported as net assets with donor restriction support. When a donor restriction expires, that is, when a time restriction ends or stipulated purpose restriction is accomplished, net assets with donor restriction are reclassified to net assets without donor restriction.

Collections

TJU capitalizes works of art, historical treasures, or similar assets (collectively, Collections). Collections are recorded at fair value at the date of the contribution. Collections of approximately \$5.7 million are included in other noncurrent assets on the consolidated balance sheets at June 30, 2022 and 2021.

Investments

Investments are stated at fair value. The fair value of all debt and equity securities with a readily determinable fair value are based on quotations obtained from national securities exchanges. The alternative investments, which are not readily marketable, are carried at estimated fair values as provided by the investment managers. As a practical expedient, TJU is permitted under the Fair Value Measurement standard to estimate the fair value of an investment in an investment company at the measurement date using the reported net asset value (NAV). Adjustment is required if TJU expects to sell the investment at a value other than NAV or if the NAV is not calculated in accordance with US generally accepted accounting principles (US GAAP). TJU's investments are valued based on the most current NAV adjusted for cash flows when the reported NAV is not at the measurement date. This amount represents fair value of these investments at June 30, 2022 and 2021. TJU performs additional procedures including due diligence reviews on its alternative investments and other procedures with respect to the capital account or NAV provided to ensure conformity and compliance with valuation procedures in place, the ability to redeem at NAV at the TJU measurement date and existence of certain redemption restrictions at the measurement date. TJU reviews the values as provided by the investment managers and believes that the carrying amount of these investments is a reasonable estimate of fair value. Because alternative investments are not readily marketable,

their estimated values are subject to uncertainty and therefore may differ from the value that would have been used had a ready market for such investments existed.

The Commonwealth of Pennsylvania has not adopted the Uniform Management of Institutional Funds Act (UMIFA) or the Uniform Prudent Management of Institutional Funds Act (UPMIFA). Rather, the Pennsylvania Act governs the investment, use and management of TJU's endowment funds. The Pennsylvania Act allows a nonprofit to elect to appropriate for expenditure an investment policy that seeks the long-term preservation of the real value of the investments. In accordance with the Pennsylvania Act, the objectives of TJU's investment policy is to provide a level of spendable income which is sufficient to meet the current and future budgetary requirements of TJU and which is consistent with the goal of protecting the purchasing power of the investments. As a result of the negative financial impact to nonprofit organizations from COVID-19, the Pennsylvania Act was amended to permit nonprofit organizations to increase the calculation of spendable income from endowment funds up to 10% of the calculated three year average of the endowment market value for fiscal years ending within 2020, 2021 and 2022. For 2022 and 2021, TJU's calculation of spendable income for endowment funds was based on 10% of a calculated three year average.

TJU's financial instruments that are exposed to concentrations of credit risk consist primarily of cash and cash equivalents and investments. These funds are held in various high-quality financial institutions managed by TJU personnel and outside advisors. TJU maintains its cash and cash equivalents in financial institutions, which at times exceed federally insured limits.

Assets Held by Affiliated Foundations

The Methodist Hospital Foundation ("MHF") and Magee Rehabilitation Hospital Foundation ("MRHF") are separate entities not under the control of TJU. MHF and MRHF accept gifts and bequests and engage in fundraising activities for the benefit of Methodist Hospital and Magee, respectively. The Board of Trustees of MHF and MRHF, at their sole discretion, are authorized to contribute funds to Methodist Hospital and Magee, respectively.

While the sole purpose of MHF and MRHF are to support Methodist Hospital and Magee, this accounting treatment does not imply that MHF and MRHF assets or investment income are those of TJU. The consolidated balance sheets do not reflect or establish the legal relationship, agency or otherwise, between MHF, MRHF and TJU, or any right to assets owned by MHF and MRHF. The by-laws of MHF and MRHF provide that all assets they hold shall not be subject to attachments, execution, or sequestration for any debt, obligation or liability of TJU or any other person or entity. In particular, MHF and MRHF are not party to or obligated by any debt instrument of TJU, and assets owned by MHF and MRHF, are not subject to the lien of any such debt instrument.

Underlying investments held by MHF and MRHF with restrictions benefiting only Methodist Hospital and Magee, respectively, are presented in the consolidated balance sheets as follows (in thousands):

	2022	2021
Methodist Hospital Foundation	\$11,025	\$12,249
Magee Rehabilitation Hospital Foundation	31,678	38,421
Total	\$42,703	\$50,670

Split Interest Agreements

TJU's split-interest agreements consist of charitable gift annuities, pooled income funds, charitable remainder trusts and charitable lead trusts. Contribution revenue for charitable gift annuities and charitable remainder trusts is recognized at the date the agreement is established, net of the liability recorded for the present value of the estimated future payments. Contribution revenue for pooled income funds is recognized upon establishment of the agreement at the fair value of the estimated future receipts discounted for the estimated time period to complete the agreement.

Loans Receivable from Students

Many students receive financial aid that consists of scholarship grants, work-study opportunities and student loans. TJU participates in various federal revolving loan programs, in addition to administering institutional loan programs. Student loan programs are funded by donor contributions, other institutional sources, and governmental programs, primarily the Federal Perkins Loan Program.

The amounts received from the federal government's portion of federal loan programs are ultimately refundable to the federal government and are reported as a liability on TJU's consolidated balance sheets as federal student loan advances. Determination of the fair value of student loans receivable is not practicable.

Student loans receivable, net of allowance for doubtful accounts, consists of the following at June 30, 2022 and 2021 (in thousands):

	2022	2021
Direct student loans	\$20,405	\$20,989
Allowance for doubtful accounts	(4,877)	(4,577)
Net	15,528	16,412
Federally-sponsored student loans	4,357	4,642
Total	\$19,885	\$21,054

TJU assesses the adequacy of the allowance for doubtful accounts related to direct student loans receivable by performing evaluations of the student loan portfolio, including a review of the aging of the student loan receivable balances and of the default rate by loan program in comparison to prior years. The level of allowance is adjusted based on the results of this analysis. The federally-sponsored student loans receivable represents amounts due from current and former students under various Federal Government loan programs. For direct student loans it is TJU's policy to reserve 100% of a loan when the loan is delinquent 2 years or more; a

reserve of 85% is recorded for loans delinquent more than 270 days and less than 2 years. TJU considers the allowance recorded at June 30, 2022 and 2021 to be reasonable and adequate to absorb potential credit losses inherent in the student loan portfolio.

Land, Buildings, and Equipment, net

Land, buildings, and equipment are carried at cost on the date of acquisition or fair value on the date of donation in the case of gifts. Depreciation expense is computed on a straight-line basis over the estimated useful lives of the assets, excluding land. All gifts of land, buildings, and equipment are recorded as unrestricted non-operating activities unless explicit donor stipulations specify how the donated assets must be used. Interest expense on borrowed funds used for construction, net of interest income earned on unexpended amounts, is capitalized through the completion of construction.

Leases

TJU leases property and equipment under finance and operating leases. TJU determines whether an arrangement is a lease at inception. For leases with terms greater than 12 months, TJU records the related right-of-use (ROU) assets and lease liabilities at the present value of lease payment over the term. The determination of lease payments factors in rental escalation clauses and options to extend or terminate the lease, if the clauses are reasonably certain to be exercised. TJU separates the lease and non-lease components of contracts. TJU's incremental borrowing rate, which is based on information available at the adoption date for existing leases and the commencement date for leases commencing after the adoption date, is used to determine the present value of lease of payments.

Operating leases are included in ROU assets, current portion of operating lease obligations and operating lease obligations on the consolidated balance sheets. Operating lease expense is recognized on the straight-line basis over the lease term and is included in the other operating expense line on the consolidated statements of operations and changes in net assets without donor restrictions.

Finance leases are included in land, buildings and equipment, net, current portion of long term obligations and long term obligations on the consolidated balance sheets. Amortization of finance leases is included in depreciation expense on the consolidated statements of operations and changes in net assets without donor restrictions.

Goodwill

Goodwill is an asset representing the future economic benefits arising from other assets acquired in a business combination that are not individually identified and separately recognized. Any excess of the purchase price over the estimated fair value of the identifiable net assets acquired is recorded as goodwill. The determination of the estimated fair value of net assets acquired requires management's judgment and often involves the use of significant estimates and assumptions.

The change in the carrying amount of goodwill for the year ended June 30, 2021 and 2020 is as follows (in thousands):

	2022	2021
Beginning balance:		
Goodwill	\$137	-
Accumulated impairment losses		
	137	-
Goodwill acquired	216,003	\$137
Ending balance:		
Goodwill	216,140	137
Accumulated impairment losses		
	\$216,140	\$137

Sale of Controlling Interest

In June 2022, TJU entered into a joint venture with an unrelated entity to provide home care and hospice services. TJU contributed to the joint venture certain assets used to operate its home health and hospice programs in exchange for a 49% ownership interest. TJU recognized its non-controlling investment in the joint venture at fair value of \$24.1 million and recorded a gain of \$31.7 million included in other operating revenue.

Reclassifications

Certain amounts in the prior year have been reclassified to conform to the current year presentation.

New Accounting Standards

There were no new accounting standards adopted during the period.

2. REGULATORY REQUIREMENTS FOR HPP

Commonwealth of Pennsylvania Insurance Law provides that dividends and other distributions may be paid only to the extent of statutory surplus is in excess of \$1.5 million as reported in the most recent financial statements filed with the Pennsylvania Insurance Department (PID) and may be paid only out of positive net worth. In addition, legislation requires PID approval of any dividend or other distribution exceeding the greater of (i) 10% of net worth (as of December 31) or (ii) net income for the prior year. The National Association of Insurance Commissioners (NAIC) also requires that insurance companies, including health maintenance organizations, file annually a risk-based capital report to measure the financial health of the entity. DHS also requires HealthChoices contractors to be subject to minimum levels of statutory equity. DHS requires contractors' statutory equity to exceed the highest amounts determined by the following:

- \$20 million;
- 7% of revenue earned by the licensed HMO during the most recent four (4) calendar quarters; and
- 7% of revenue earned by the licensed HMO during the current quarter multiplied by three (3).

With the exception of payments for claims, HealthChoices contractors may not pay or transfer assets to a related party without the prior approval of DHS, if the contractor's statutory equity is less than the minimum stipulated in the HealthChoices contract. In addition to the statutory net worth requirement, the PID has adopted the NAIC Risk-Based Capital (RBC) requirements. RBC is a method of measuring the minimum amount of capital appropriate for a managed care organization to support its overall business operations in consideration of its size and risk profile. The managed care organization's RBC is calculated by applying factors to various asset, premium, and reserve items. The adequacy of a managed care organization's actual capital can then be measured by a comparison to its RBC as determined by the formula. When an organization's net worth falls below 200% of RBC, which is known as the Company Action Level, a company must file a Comprehensive Action Plan with the applicable state regulators describing its plans to increase its net worth above the 200% threshold.

HPP's statutory net worth has exceeded the NAIC Company Action Level calculated for its RBC requirements as of December 31, 2021 and 2020. HPP's recorded capital and surplus under statutory accounting principles was \$219.8 million and \$190.7 million as of December 31, 2021 and 2020, respectively.

As of December 31, 2021 and 2020 HPP's RPB percentage and filed with PID was 366% and 332%, respectively.

3. BUSINESS COMBINATIONS

Einstein

On October 4, 2021, pursuant to the terms of an integration agreement, TJU became the sole corporate member of Einstein. Einstein is a not for profit healthcare organization located in Pennsylvania. TJU acquired all of the assets and liabilities of Einstein and transferred no consideration. The TJU board was reconstituted to include two voting members and one non-voting member designated by Einstein. This business combination was accounted for as an acquisition. The acquisition of Einstein is intended to enhance access to high quality, cost effective care to the communities served by both organizations and to enhance the educational and research mission of TJU. The following table summarizes the fair value of assets, liabilities and net assets contributed by Einstein at the acquisition date (in thousands):

Cash and cash equivalents	\$91,915
Accounts receivable	125,393
Investments	697,547
Land, buildings and equipment	679,358
Other assets	309,672
Total assets acquired	\$1,903,885
Accrued payroll and related costs	\$64,483
Accrued professional liability and workers' compensation claims	244,660
Long-term obligations	433,671
Accrued pension obligations	180,905
Accounts payable, accrued expenses and other liabilities	322,986
Total liabilities assumed	1,246,705
Net assets without donor restriction	490,770
Net assets with donor restriction	166,410
Total net assets contributed	\$1,903,885

HPP

At June 30, 2021, JHNE held a 25% noncontrolling membership interest in HPP. Additionally, Einstein held a 25% noncontrolling membership interest in HPP when acquired by TJU on October 4, 2021. On November 1, 2021, JHNE purchased the remaining 50% membership interest in HPP for \$305.0 million. The purchase included cash acquired of \$303.9 million and assumed debt of \$7.7 million. JHNE allocated \$112.3 million of the purchase price to certain intangible assets with definite lives. The goodwill of \$214.5 million arising from the acquisition consists of the excess of the estimated aggregate value of HPP over the estimated fair value of the identifiable net assets and existing JHNE and Einstein equity interests. The enterprise value of HPP was estimated using the income approach. The valuation of acquisition date fair value

of JHNE and Einstein's previously held equity noncontrolling interests is based upon their proportionate share of the value of the aggregate equity, The following table summarizes the consideration paid for HPP and the amounts of the assets acquired and liabilities assumed recognized at the acquisition date (in thousands):

Consideration: Cash Fair value of equity interest in HPP held	\$305,000
before the acquisition (book value of \$82,450)	258,278
, ,	\$563,278
Recognized amounts of identifiable assets	
acquired and liabilities assumed:	
Cash	\$303,919
Accounts receivable	171,117
Land, buildings, and equipment	35,211
Investments	120,973
Other assets	42,711
Intangible assets	112,310
Liabilities	(437,465)
	348,776
Goodwill	214,502

TJU's pro forma unaudited operating revenues, gains and other support, changes in net assets without donor restriction and changes in net assets with donor restriction for the year ended June 30, 2022, as if the acquisition of Einstein and HPP had occurred at July 1, 2021 are (in thousands):

\$563,278

Operating	Change in Net	Change in Net
Revenues, Gains	Assets Without	Assets With Donor
and Other Support	Donor Restriction	Restriction
\$8,820,006	\$329,317	\$104,783

4. NET ASSETS

Net assets consisted of the following at June 30, 2022 and 2021 (in thousands):

		2022			2021	
	Without Donor	With Donor	_	Without Donor	With Donor	
Detail of net assets	Restrictions	Restrictions	Total	Restrictions	Restrictions	Total
Operating	\$1,932,035	\$259,583	\$2,191,618	\$2,501,889	\$198,637	\$2,700,526
Capital gifts	-	40,152	40,152	-	28,648	28,648
Student loan funds	23,602	25,285	48,887	24,472	29,575	54,047
Endowment funds	1,810,803	676,754	2,487,557	905,329	627,834	1,533,163
Assets held by affiliated foundations	-	42,703	42,703	-	50,670	50,670
Deferred giving		12,416	12,416		15,864	15,864
Total	\$3,766,440	\$1,056,893	\$4,823,333	\$3,431,690	\$951,228	\$4,382,918

5. ASSETS WHOSE USE IS LIMITED

Assets whose use is limited presented in the consolidated balance sheets at June 30, 2022 and 2021 consist of the following (in thousands):

	2022	2021
Held by trustee under indenture agreement	\$229,778	\$71,464
Designated for insurance	136,430	-
Women's Board and Medical Staff funds	2,140	908
Restricted for capital purposes	32,975	11,752
Deferred compensation fund	660	672
Other	1,589	1,571
Total	\$403,572	\$86,367
Less current portion	(27,878)	(737)
Noncurrent portion	\$375,694	\$85,630

6. INVESTMENTS

Investments are presented in the consolidated balance sheets under the following classifications (in thousands):

	2022	2021
Short-term investments	\$1,350,713	\$2,531,594
Assets whose use is limited, current	27,878	737
Long-term investments	2,725,639	1,699,470
Assets whose use is limited, noncurrent	375,694	85,630
	\$4,479,924	\$4,317,431

A summary of investments at June 30, 2022 and 2021 is as follows (in thousands):

	2022	2021
Cash equivalents	\$337,305	\$157,044
Equity securities	69,196	21,159
Fixed income securities	437,312	597,004
Funds:		
Global equity	1,481,296	1,570,316
Fixed income	1,142,349	1,070,370
Real estate	135,379	137,356
Other mutual funds	13,086	34,481
Private equity	475,402	324,941
Real estate	2,257	3,309
Hedge funds	101,565	102,255
External trusts	170,202	145,052
Investments subject to equity method and other	114,575	154,144
	\$4,479,924	\$4,317,431

Most private investment funds (private equity, real asset funds) are structured as closed-end, commitment-based investment funds where TJU commits a specified amount of capital upon inception of the fund (i.e., committed capital) which is then drawn down over a specified period of the fund's life. Such funds generally do not provide redemption options for investors and, subsequent to final closing, do not permit subscriptions by new or existing investors. Accordingly, TJU generally holds interests in such funds for which there is no active market, although in some situations, a transaction may occur in the "secondary market" where an investor purchases a limited partner's existing interest and remaining commitment. The fund managers may value the underlying private investment based on an appraised value, discounted

cash flow, industry comparable or some other method. TJU values these limited partnerships at NAV.

Unlike private investment funds, hedge funds are generally open-end funds as they typically offer subscription and redemption options to investors. The frequency of such subscriptions or redemptions is dictated by such fund's governing documents. The amount of liquidity provided to investors in a particular fund is generally consistent with the liquidity and risk associated with the underlying portfolio (i.e., the more liquid the investments in the portfolio, the greater the liquidity provided to the investors). The fund managers invest in a variety of securities which may not be quoted in an active market. Illiquid investments may be valued based on appraised value, discounted cash flow, industry comparable or some other method.

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

TJU's direct investments in equity and fixed income securities are considered liquid assets because they are traded on established markets with enough participants to absorb sale transactions without materially impacting the current price of the asset. The underlying assets in TJU's investments in equity and fixed income funds are traded on established markets with enough participants to absorb sale transactions without materially impacting the current price. The funds are priced daily and provide next day availability on all transaction requests. TJU's investment in real asset funds provide for monthly liquidity on transaction requests.

Private equity investments have limited liquidity or redemption options. Liquidity for private investments can be accomplished via a secondary sale transaction. When available, distributions typically take place on a quarterly basis. TJU has made commitments to various private equity and real asset limited partnerships. The total amount of unfunded commitments is \$646.5 million and \$454.1 million at June 30, 2022 and 2021, respectively. TJU expects these funds to be called over the next 3 to 5 years (in thousands):

	2022	2021
Private equity	\$646,423	\$441,390
Real estate	81	12,670
	\$646,504	\$454,060

Hedge funds provide quarterly liquidity with 60 to 90 days' notice prior to the quarter's end limiting TJU's ability to respond quickly to changes in market conditions. Liquidity of individual hedge funds vary based on various factors and may include "gates", "holdbacks" and

"side pockets" imposed by the manager of the hedge fund, as well as redemption fees which may also apply. Depending on the redemption options available, it may be possible that the reported NAV represents fair value based on observable data such as ongoing redemption and/or subscription activity. In the cases of a holdback, TJU considers the significance of the holdback, its impact on the overall valuation and the associated risk that the holdback amount will not be fully realized based on a prior history of adjustments to the initially reported NAV.

For those private equity, real estate limited partnerships, or hedge-fund of fund transactions where valuations dated on the last business day of the calendar year are available, the valuations will be based on the most recent capital account statement (monthly/quarterly), adjusted for interim cash flow activity (contributions, distributions, fees).

Beneficial interests in perpetual trusts, which are administered by independent trustees, are mainly comprised of domestic and international equity securities and domestic fixed income securities.

TJU accounts for investments in the following entities under the equity method: Five Pointe Professional Liability Insurance Company ("Five Pointe") (50% owned joint venture insurance entity); Mountain Laurel Risk Retention Group, Inc. ("MLRRG") (50% owned joint venture insurance entity); Delaware Valley Accountable Care Organization ("DVACO") (50% owned joint venture); MLJH, LLC (50% owned joint venture); Health Partners Plans ("HPP") (25% membership interest joint venture at June 30, 2021 and a consolidated subsidiary at June 30, 2022 (refer to Note 2 Business Combinations)); Fresenius Medical Care Voorhees, LLC ("FMCV") (30% owned joint venture); JeffHome PA-NJ ("JeffHome") (49% owned joint venture) and Einstein-SMS, LLC (50% owned joint venture). A summary of investments subject to the equity method and other investments is as follows at June 30, 2022 and 2021 (in thousands):

	2022	2021
Equity method:		
Five Pointe	\$14,060	\$42,902
MLRRG	3,481	4,207
HPP, Inc.	-	38,081
DVACO, LLC	383	5,309
MLJH, LLC	30,553	31,118
FMCV, LLC	13,681	14,158
JeffHome, LLC	24,140	-
Einstein-SMS, LLC	9,829	-
Other equity method investments	8,953	5,749
Other	9,495	12,620
	\$114,575	\$154,144

A summary of investments held under split-interest agreements is as follows at June 30, 2022 and 2021 (in thousands):

	2022	2021
Charitable gift annuities	\$13,952	\$15,791
Pooled income funds	597	998
Charitable lead trusts	-	777
Charitable remainder trusts	8,545	10,702
	\$23,094	\$28,268

Investment income, realized gains (losses) and unrealized gains (losses) included in the consolidated statements of operations and changes in net assets without donor restrictions are comprised of the following in 2022 and 2021 (in thousands):

	2022	2021
Investment income included in operating income (losses):		
Interest and dividends	\$6,778	\$7,341
Endowment payout	79,527	62,774
DVACO	(2,113)	(3,365)
HPP	5,923	6,076
MLJH, LLC	1,935	2,179
Other joint ventures	(3,477)	2,469
	88,573	77,474
Investment income included in nonoperating income (losses):		
Net realized and unrealized gains (losses)	(296,466)	540,797
Interest and dividends	1,644	173
Endowment payout	(79,527)	(62,774)
	(374,349)	478,196
Total	(\$285,776)	\$555,670

7. ENDOWMENT FUNDS

TJU's endowments consist of approximately 1,680 individual funds established for a variety of purposes. The endowment includes both donor-restricted endowment funds and funds designated by the Board of Trustees to function as endowments. Net assets associated with each of these groups of funds are classified and reported based upon the existence or absence of donor-imposed restrictions. The University reports all endowment investments at fair value. Cash equivalents in endowments are treated as investments.

At June 30, 2022, the endowment net asset composition by type of fund consisted of the following (in thousands):

	Without Donor	With Donor	
	Restriction	Restriction	Total
Donor-restricted funds	-	\$676,754	\$676,754
Quasi-endowment funds	\$1,810,803		1,810,803
Total funds	\$1,810,803	\$676,754	\$2,487,557

Changes in endowment net assets for the fiscal year ended June 30, 2022, consisted of the following (in thousands):

	Without Donor	With Donor	
	Restriction	Restriction	Total
Endowment net assets, beginning of year	\$905,329	\$627,834	\$1,533,163
Investment returns	(68,968)	(71,552)	(140,520)
Contributions	86	20,260	20,346
Acquisition of Einstein	16,529	129,227	145,756
Appropriation of assets for expenditure	(79,527)	(29,277)	(108,804)
Transfers of University resources and other	1,037,354	262	1,037,616
Endowment net assets, end of year	\$1,810,803	\$676,754	\$2,487,557

At June 30, 2021, the endowment net asset composition by type of fund consisted of the following (in thousands):

	Without Donor	With Donor	
	Restriction	Restriction	Total
Donor-restricted funds	-	\$627,834	\$627,834
Quasi-endowment funds	\$905,329	<u>-</u>	905,329
Total funds	\$905,329	\$627,834	\$1,533,163

Changes in endowment net assets for the fiscal year ended June 30, 2021, consisted of the following (in thousands):

	Without Donor	With Donor	
	Restriction	Restriction	Total
Endowment net assets, beginning of year	\$413,630	\$527,395	\$941,025
Investment returns	151,488	113,959	265,447
Contributions	510	13,622	14,132
Appropriation of assets for expenditure	(62,774)	(27,835)	(90,609)
Transfers of University resources and other	402,475	693	403,168
Endowment net assets, end of year	\$905,329	\$627,834	\$1,533,163

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the level that the donor requires TJU to retain as a fund of perpetual duration. Shortfalls of this nature are classified as a reduction of donor-restricted net assets and were \$5.4 million and \$0.6 million as of June 30, 2022 and 2021, respectively. These shortfalls resulted from unfavorable market fluctuations that occurred shortly after the investment of new permanently restricted contributions and continued appropriation for certain programs that was deemed prudent by TJU.

8. FINANCIAL ASSETS AND LIQUIDITY RESOURCES

TJU's financial assets available within one year of the balance sheet date for general expenditure are as follows (in thousands):

	2022	2021
Financial assets:		
Cash and cash equivalents	\$403,988	\$301,454
Accounts receivable	761,073	583,790
Insurance premium receivable	479,777	-
Pledge payments available for operations	14,344	15,030
Short-term investments	1,273,002	2,326,501
Subsequent year's endowment payout	156,010	106,207
Total financial assets available within one year	3,088,194	3,332,982
Liquidity resources:		
Bank lines of credit	735,900	547,000
Total financial assets and liquidity resources		
available within one year	\$3,824,094	\$3,879,982

TJU's endowment funds consist of donor-restricted and quasi-endowment funds. Income from donor-restricted endowment funds is restricted for specific purposes and therefore, is not available for general expenditures. Although TJU does not intend to spend from its quasi-endowment funds in excess of the endowment payout amount calculated pursuant to its spendable income policy described in Note 1, additional amounts from its quasi-endowment could be made available with Board approval.

As part of TJU's liquidity management, it has a practice to structure its financial assets in a manner to be available to satisfy general expenditures and other obligations as they come due. To manage unanticipated liquidity needs, TJU had available unsecured lines of credit from various banks of \$788.0 million and \$638.0 million at June 30, 2022 and 2021, respectively, under which there was borrowing of \$52.1 million and \$91.0 million at June 30, 2022 and 2021, respectively.

9. FAIR VALUE MEASUREMENT

The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are as follows:

- Level 1 Inputs that reflect unadjusted quoted prices in active markets for identical assets or liabilities that TJU has the ability to access at the measurement date;
- Level 2 Inputs other than quoted prices that are observable for the asset or liability either directly or indirectly, including inputs in markets that are not considered to be active;

Level 3 Inputs that are not currently observable.

Inputs are used in applying the various valuations techniques and broadly refer to the assumption that market participants use to make valuation decisions. An investments level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. However, the determination of what constitutes "observable" requires significant judgment. The categorization of an investment within the hierarchy is based upon the pricing transparency of the instrument and does not necessarily correspond to TJU's perceived risk of that instrument.

Level 1 - Investments, whose values are based on quoted market prices in active markets, are therefore classified within Level 1. Typically, securities traded on the NYSE, AMEX, NASDAQ and other major exchanges will be classified as Level 1. These assets include active listed equities, certain U.S. government obligations, mutual funds and certain money market securities. For investments regularly traded on any recognized securities or commodities exchange, the closing price on such exchange (or, if applicable, as reported on the consolidated transactions reporting system) on the last trading date at the end of the fiscal year is used. In the case of securities regularly traded in the over-the-counter market, the closing bid quotations for long positions and the closing asked quotation for short positions on the trading date ending on or preceding the end of the fiscal year is used.

Level 1 - Liquidity – Daily based on quoted market value at time of transaction or at daily NAV.

Level 2 - Investments that trade in markets that are not considered to be active, but are valued based on quoted market prices, dealer quotations or alternative pricing sources supported by observable inputs are classified within Level 2. They include investments in common trust equity and fixed income funds, corporate grade bonds, high yield bonds and certain mortgage products. These assets are valued based on quoted market prices in active markets or dealer quotations and are categorized as Level 2. There were no transfers between Levels 1 and 2 during 2022 and 2021.

Level 2 - Liquidity – Daily based on quoted market value at time of transaction or at daily NAV.

Level 3 - Investments classified within Level 3 have significant unobservable inputs, as they trade infrequently or not at all. Level 3 instruments include externally held trust funds.

Level 3 - Liquidity – No liquidity available as the assets are mainly comprised of donor restricted externally held trust funds of which TJU has a perpetual interest in the annual income stream.

The following table presents the short term and long term investments, and assets whose use is limited carried on the consolidated balance sheets by level within the valuation hierarchy or NAV as of June 30, 2022 and 2021 (in thousands):

	Level 1	Level 2	Level 3	NAV	2022
Cash and cash equivalents	\$311,803	\$25,502	-	-	\$337,305
Equity securities	25,012	13,952	-	\$30,232	69,196
Fixed income securities	10,348	409,992	-	16,972	437,312
Funds:					
Global equity	30,260	-	-	1,451,036	1,481,296
Fixed income	-	19	-	1,142,330	1,142,349
Real asset	-	5,115	-	130,264	135,379
Other mutual funds	13,086	-	-	-	13,086
Private equity	-	-	-	475,402	475,402
Real estate	-	-	-	2,257	2,257
Hedge funds	-	-	-	101,565	101,565
External trusts	-	-	\$170,202	-	170,202
Total	\$390,509	\$454,580	\$170,202	\$3,350,058	\$4,365,349
	Level 1	Level 2	Level 3	NAV	2021
Cash and cash equivalents	\$157,044	-	-	-	\$157,044
Equity securities	5,368	\$15,791	-	-	21,159
Fixed income securities	62.010				
	63,018	515,006	-	\$18,980	597,004
Funds:	63,018	515,006	-	\$18,980	597,004
Funds: Global equity	43,063	515,006	-	\$18,980 1,527,253	597,004 1,570,316
		515,006	- - -	•	,
Global equity		515,006 - - 5,939	- - -	1,527,253	1,570,316
Global equity Fixed income		- -	- - - -	1,527,253 1,070,370	1,570,316 1,070,370
Global equity Fixed income Real asset	43,063	- -	- - - -	1,527,253 1,070,370	1,570,316 1,070,370 137,356
Global equity Fixed income Real asset Other mutual funds	43,063	- -	- - - - -	1,527,253 1,070,370 131,417	1,570,316 1,070,370 137,356 34,481
Global equity Fixed income Real asset Other mutual funds Private equity	43,063	- -	- - - - -	1,527,253 1,070,370 131,417 - 324,941	1,570,316 1,070,370 137,356 34,481 324,941
Global equity Fixed income Real asset Other mutual funds Private equity Real estate	43,063	- -	- - - - - - - \$145,052	1,527,253 1,070,370 131,417 - 324,941 3,309	1,570,316 1,070,370 137,356 34,481 324,941 3,309
Global equity Fixed income Real asset Other mutual funds Private equity Real estate Hedge funds	43,063	- -	- - - - - - - \$145,052 \$145,052	1,527,253 1,070,370 131,417 - 324,941 3,309	1,570,316 1,070,370 137,356 34,481 324,941 3,309 102,255

Investments not subject to fair value leveling or fair value at NAV at June 30, 2022 and 2021 totaled \$114.6 million and \$154.1 million, respectively.

The fair value of TJU's interest rate swaps related to its debt obligations are based on third-party valuations independent of the counterparties. As the fair values of interest rate swaps are determined based on inputs that are readily available or can be derived from information available in public markets, TJU has categorized interest rate swaps as Level 2.

The following table presents the other liabilities carried on the consolidated balance sheets by level within the valuation hierarchy as of June 30, 2022 and 2021 (in thousands):

	Level 1	Level 2	Level 3	NAV	2022
Interest rate hedges		\$18,211	-		\$18,211
	Level 1	Level 2	Level 3	NAV	2021
Interest rate hedges		\$34,919	_		\$34,919

The following tables include a roll-forward of the amounts for the year ended June 30, 2022 and 2021 (in thousands) for external trust investments classified within Level 3.

	2022	2021
Beginning balance	\$145,052	\$119,660
Unrealized (loss)/gains, net	(30,328)	25,544
Contribution received in a business combination	56,423	-
Transfers	(945)	(152)
Ending balance	\$170,202	\$145,052

10. PLEDGES RECEIVABLE

A summary of pledges receivable is as follows at June 30, 2022 and 2021, respectively (in thousands):

	2022	2021
Unconditional promises expected to be collected in:		
Less than one year	\$25,654	\$31,165
One year to five years	86,843	53,625
Over five years	71,722	86,213
	184,219	171,003
Less: unamortized discount and allowance		
for doubtful accounts	(36,253)	(36,316)
	\$147,966	\$134,687

The discount rate ranges from 0.0% to 4.0%. TJU's largest pledge comprises 37% and 43% of the pledge receivable at June 30, 2022 and 2021, respectively.

At June 30, 2022, TJU was the recipient of a conditional pledge of \$70.0 million for the construction of a building. This conditional pledge is not included as an asset in the consolidated balance sheets.

11. LAND, BUILDINGS AND EQUIPMENT

A summary of land, buildings and equipment is as follows at June 30, 2022 and 2021, respectively (in thousands):

	2022	2021
Land and land improvements	\$233,560	\$202,487
Buildings and building improvements	3,836,030	3,017,372
Equipment	2,694,198	2,384,850
Leasehold improvements	177,508	177,251
Construction in progress	454,434	421,622
Less: accumulated depreciation	(3,440,780)	(3,137,338)
Total land, buildings and equipment, net	\$3,954,950	\$3,066,244

TJU uses straight-line depreciation over the assets' estimated lives, which are as follows:

Land improvements	10-20 years
Buildings and building improvements	18-40 years
Equipment	3-15 years
Leasehold improvements	5-20 years

Depreciation expense is \$321.2 million and \$263.0 million at June 30, 2022 and 2021, respectively.

12. Medical Costs Payable

The following table shows the components of the change in medical costs payable for the year ended June 30, 2022 (in thousands):

Medical costs payable, November 1, 2021	\$146,218
Claims occurring in:	
Current year	973,253
Prior years	(6,469)
Net incurred benefit expenses	966,784
Claim payments:	
Current year	(860,232)
Prior years	(130,100)
Net payments	(990,332)
Medical costs payable, June 30, 2022	\$122,670

The negative amount noted as "prior year" claims in 2022 is favorable development for claim estimates being settled for amounts less than originally anticipated. This favorable development from original estimates occur due to changes in medical utilization, the mix of provider rates, other components of medical cost trends, and claim payment patterns.

The net incurred medical expense amount for 2022 reported above excludes approximately \$54.7 million that primarily represents amounts due to contracted risk hospitals reported as amounts due to affiliates in the accompanying consolidated balance sheet.

HPP's estimate of the IBNR liabilities is primarily based on trend and completion factors. Claim frequency is not used in the calculation of its liability.

13. LONG-TERM OBLIGATIONS

A summary of long-term obligations is as follows at June 30, 2022 and 2021, respectively (in thousands):

ousanus).	Final	Interest Rate at		
	Maturity	June 30, 2022	2022	2021
venue bonds:				
Fixed rate obligations:				
1993 Series A Revenue Bonds	2022	6.00%	-	\$5,730
Unamortized issue costs			-	(18)
2012 Series Revenue Bonds	2042	4.00% - 5.00%	-	35,895
Unamortized premium and issue costs			-	1,539
2012 Series A Revenue Bonds	2032	3.25% - 5.00%	-	29,210
Unamortized premium and issue costs			-	1,318
2015 Series A Revenue Bonds	2051	3.00% - 5.25%	\$301,805	301,805
Unamortized premium and issue costs			17,608	18,511
2017 Series A Revenue Bonds	2048	3.00% - 5.00%	257,270	262,270
Unamortized premium and issue costs			10,649	11,318
2018 Series A Revenue Bonds	2050	4.00% - 5.00%	351,835	353,370
Unamortized premium and issue costs			19,322	21,855
2018 Series B Revenue Bonds	2030	3.28% - 3.88%	33,275	34,140
Unamortized issue costs			(145)	(181)
2019 Series A Revenue Bonds	2052	4.00% - 5.00%	449,745	449,745
Unamortized premium and issue costs			32,239	35,828
2022 Series A Revenue Bonds	2057	1.725%-3.847%	590,155	-
Unamortized issue costs			(4,985)	-
2022 Series B Revenue Bonds	2057	3.25%-5.00%	672,750	-
Unamortized premium and issue costs			77,235	-
Total fixed rate obligations			2,808,758	1,562,335
Variable rate obligations:				
2015 Series B Revenue Bonds	2046	0.38%	60,000	60,000
Unamortized issue costs			(440)	(461)
2015 Series C Revenue Bonds	2042	0.85%	32,825	33,670
Unamortized issue costs			(91)	(100)
2015 Series D Revenue Bonds	2042	0.89%	32,590	33,435
Unamortized issue costs			(91)	(99)
2015 Series E Revenue Bonds	2042	0.91%	32,820	33,670
Unamortized issue costs			(91)	(100)
2015 Series F Revenue Bonds	2042	0.95%	32,590	33,435
Unamortized issue costs			(91)	(99)
2015 Series G Revenue Bonds	2042	0.88%	19,580	20,085
Unamortized issue costs			(54)	(60)
2015 Series H Revenue Bonds	2042	1.40%	27,145	27,845
Unamortized issue costs			(79)	(86)
2017 Series B Revenue Bonds	2051	0.38%	50,565	50,565
Unamortized issue costs			(467)	(485)
2017 Series C Revenue Bonds	2051	0.81%	50,000	50,000
Unamortized issue costs			(262)	(271)
2018 Series C Revenue Bonds	2052	0.77%	-	100,000
Unamortized issue costs			_	(799)
2018 Series D Revenue Bonds	2051	0.38%	49,950	49,950
Unamortized issue costs			(385)	(397)
Total variable rate obligations			386,014	489,698
Total Revenue bonds			3,194,772	2,052,033
The section of the	2022	1 450/	52.002	01.000
Line of credit	2023	1.45%	52,092	91,000
Finance lease obligations	2037		28,439	23,572
Other			173,167	139
Total long-term debt obligations			\$3,448,470	\$2,166,744

Other long term obligations of \$173.2 million at June 30, 2022 includes \$165.4 million related to a development agreement with an unrelated party for the construction costs related to the core and shell of an ambulatory care facility on land leased by TJU. Construction of the facility is anticipated to be completed in 2024. TJU has the option to purchase or lease the facility.

TJU is a party to the Amended and Restated Master Trust Indenture (the "MTI"), dated as of February 1, 2022, by and among TJU, each other Member of the Obligated Group (as described below) and Master Trustee. The MTI provides for the issuance from time to time of obligations.

To secure its payment obligations under the MTI, each Member of the Obligated Group has granted to the Master Trustee for the equal and ratable benefit of the holders of all obligations issued and outstanding under the MTI (other than subordinated obligations) a first lien on and security interest in the gross revenues of each Member of the Obligated Group on a joint and several basis.

The Members of the Obligated Group consist of the following: TJU, TJUHS, TJUH, JUP, Abington Health, Abington Memorial Hospital, Abington Health Foundation, Lansdale Hospital, Jefferson Health-Northeast System, Jefferson Health-Northeast, Philadelphia University, Kennedy Health System, Kennedy Health Facilities, Inc., Kennedy University Hospital, Inc., Kennedy Medical Group Practice, PC, Magee, Albert Einstein Health Network, Albert Einstein Medical Center, Einstein Community Health Associates, Inc., Einstein Medical Center Montgomery, Einstein Practice Plan, Inc., Fornance Physician Services, Montgomery Hospital, and Montgomery Health Foundation.

TJU and each other Member of the Obligated Group have agreed to comply with certain financial and operational covenants contained in the MTI, certain continuing covenant agreements (the "CCAs") associated with several series of bonds as well as a standby letter of credit agreement (the SBLOC") and a revolving credit agreement (the "Revolver", and collectively with the CCAs and the SBLOC, the "Credit Agreements"). TJU was in compliance with the covenants in the MTI and Credit Agreements at June 30, 2022.

The Series 2022A and 2022B Revenue Bonds were issued in February 2022. The proceeds were used to fund the costs of (i) certain capital projects, (ii) the acquisition by TJU of a membership interest in Albert Einstein Health Network related to the payment or defeasance in whole of certain indebtedness previously issued for the benefit of Albert Einstein Health Network, (iii) repayment of draws on TJU's lines of credit, the proceeds of which were used by Jefferson Health – Northeast for the acquisition of the remaining interest in Health Partners Plans, and (iv) refunding the Series A of 2012, Series 2012, Series 2017A stated to mature on September 1, 2040 and September 1, 2042, and Series 2018C.

Maturities for long-term debt are as follows (in thousands):

	Revenue Bonds and Other	Finance Lease Obligations	Total
2023	75,022	6,837	81,859
2024	192,075	7,182	199,257
2025	49,325	6,425	55,750
2026	19,785	4,307	24,092
2027	37,795	1,723	39,518
Thereafter	2,896,156	1,967	2,898,123

14. DERIVATIVE FINANCIAL INSTRUMENTS

TJU entered into derivative transactions for the purpose of reducing the impact of fluctuations in interest rates and hedging interest rate risk. The fair value of these derivative instruments at June 30, 2022 and 2021 in the consolidated balance sheets is as follows (in thousands):

			Notional	Notional			
Expiration			Amount at	Amount at	Balance Sheet		Fair Value at
Date	TJU Receives	TJU Pays	June 30, 2022	June 30, 2021	Location	June 30, 2022	June 30, 2021
Expiration 2/1/34	67% of United States Dollar LIBOR (one Month)	2.980%	\$60,650	\$64,010	Noncurrent Liability	\$1,176	\$5,576
Expiration 9/1/45	67% of United States Dollar LIBOR (one Month)	3.925%	\$32,900	\$27,385	Noncurrent Liability	\$15,296	\$26,465
Expiration 5/1/27	68% of United States Dollar LIBOR (one Month)	3.980%	\$25,225	\$29,675	Noncurrent Liability	\$1,383	\$3,604
Expiration 5/1/27	68% of United States Dollar LIBOR (Five Year minus 0.293%)	68% of United States Dollar LIBOR (one Month)	\$43,900	\$51,625	Noncurrent Liability	\$212	(\$481)
Expiration 5/1/27	68% of United States Dollar LIBOR (Five Year minus 0.325%)	68% of United States Dollar LIBOR (one Month)	\$25,225	\$29,675	Noncurrent Liability	\$145	(\$245)

The LIBOR with a one-month maturity ranged from 0.08% to 1.79% (average rate of 0.35%) in 2022. The LIBOR rate with the five-year maturity ranged from 0.73% to 3.64% (average rate of 1.76%) in 2022. Non-operating gains of \$16.8 million and non-operating losses of \$24.6 million at June 30, 2022 and 2021, respectively, are included in the consolidated statements of operations and changes in net assets without donor restrictions for interest rate swap contracts (in thousands).

	2022	2021
Change in valuation of interest rate swap contracts	\$16,708	\$28,735
Net settlement receipts (payments) with counterparties	137_	(4,106)
Nonoperating gain on interest rate swap contracts	\$16,845	\$24,629

Accumulated losses on interest rate hedges of \$18.2 million and \$34.9 million at June 30, 2022 and 2021, respectively, are reflected in the consolidated balance sheets.

15. LEASE COMMITMENTS

TJU has operating lease obligations primarily for ambulatory facilities, office space and land expiring through 2099. The components of lease expense was as follows (in thousands):

	2022	2021
Amount of rent expense related to		
amortization of right-of-use assets	\$59,047	\$54,100
Short-term and variable lease costs	35,556	33,417
Rent expense	\$94,603	\$87,517
Weighted average remaining lease term (years)	12.2	13.6
Weighted average discount rate	2.52%	2.41%

A summary of future minimum commitments under operating leases, at June 30, 2022, is as follows (in thousands):

2023	\$60,648
2024	56,579
2025	53,939
2026	47,449
2027	40,738
Thereafter	205,777
Total minimum lease payments	465,130
Less imputed interest	(63,259)
Net present value of minimum lease payments	\$401,871

Future minimum lease payments at June 30, 2021 were as follows (in thousands):

2022	\$46,603
2023	43,805
2024	42,342
2025	40,473
2026	35,179
Thereafter	211,896
Total minimum lease payments	420,298
Less imputed interest	(67,432)
Net present value of minimum lease payments	\$352,866

16. EMPLOYEE BENEFIT PLANS

TJU has non-contributory defined benefit pension plans for certain full-time employees. The plans are frozen to new entrants. Certain existing employees that met certain age and years of service thresholds were eligible to remain in the plans and continue to earn benefits. The Magee plan is frozen for all participants. Benefits under the non-contributory defined benefit plans are based on the employee's years of service and compensation during the years preceding retirement. Contributions to the plan are designed to meet the minimum funding requirements of the Employee Retirement Income Security Act of 1974.

The accounting guidance for defined benefit pension plans requires employers to recognize the overfunded or underfunded projected benefit obligation ("PBO") of a defined benefit pension plan as an asset or liability in the balance sheet. The PBO represents the actuarial present value of benefits attributable to employee service rendered to date, including the effects of estimated future salary increases. The accounting guidance also requires employers to recognize annual changes in gains or losses, prior service costs, or other credits that have not been recognized as a component of net periodic pension cost through net assets without donor restriction. The calculation of service cost and PBO utilizes a split discount rate approach, where separate

discount rates are calculated for determining each based on their respective expected cash flows. Additionally, the calculation of the interest cost will begin to utilize an approach that applies the individual spot rates from the full yield curve against the expected benefit payments for each year rather than using the single equivalent discount rate applied to all future years. This change will be accounted for as a change in accounting estimate that is reflected prospectively. These changes do not impact the calculation of the PBO or the discount rate.

The components of the net pension plan financial position on the consolidated balance sheets are as follows (in thousands):

	2022	2021
Change in projected benefit obligation:		
Benefit obligation, beginning of year	\$2,403,325	\$2,411,088
Acquisition	763,057	-
Service cost	49,775	6,640
Interest cost	70,249	57,263
Net experience (gain)/loss	(614,682)	11,831
Benefits paid	(97,152)	(73,043)
Plan amendment		(10,454)
Projected benefit obligation, end of year	2,574,572	2,403,325
Change in plan assets:		
Fair value of plan assets, beginning of year	2,011,933	1,623,666
Acquisition	582,152	-
Actual return of plan assets	(345,604)	438,293
Employer contributions	22,132	23,017
Benefit payments	(97,152)	(73,043)
Fair value of plan assets, end of year	2,173,461	2,011,933
Plan funded status	(\$401,111)	(\$391,392)

Amounts recognized in net assets without donor restriction consist of (in thousands):

	2022	2021
Net actuarial loss	\$230,941	\$370,032
Net unrecognized prior service costs	(8,511)	(9,806)
	\$222,430	\$360,226

The accumulated benefit obligation at June 30, 2022 and 2021 was as follows (in thousands):

	2022	2021
Accumulated benefit obligation	\$2,455,480	\$2,276,852

The components of net periodic benefit cost for the plans for the years ended June 30, 2022 and 2021 were as follows (in thousands):

	2022	2021
Service cost	\$49,775	\$6,640
Interest cost	70,249	57,263
Expected return on plan assets	(146,260)	(98,229)
Amortization of actuarial loss	16,273	62,233
Amortization of prior service (credit) cost	(1,295)	(648)
Net periodic benefit (credit) cost	(11,258)	27,259
Other changes in plan assets and benefit		
obligations recognized in net assets without donor restrictio	n:	
Net actuarial loss (gain)	(122,818)	(328, 234)
Amortization of net actuarial (loss)	(16,273)	(62,233)
Prior service cost/(credit)	-	(10,454)
Amortization of prior service (cost)/credit	1,295	648
Total recognized in net assets without donor restriction	(137,796)	(400,273)
Total recognized in net periodic benefit cost and		
net assets without donor restriction	(\$149,054)	(\$373,014)

The estimated actuarial loss that will be amortized from net assets without donor restriction during the upcoming fiscal year is \$7.9 million.

The weighted average assumptions used to estimate the June 30 pension obligation were as follows:

	2022	2021	
Discount rate	4.83%	3.07%	
Rate of compensation increase	1.50% to 4.50%	3.25% to 4.00%	
Expected return on plan assets	6.09%	6.14%	

The weighted average assumptions used to determine net periodic benefit costs were as follows:

	2022	2021	
Discount rate - service cost	3.37%	3.90%	
Discount rate - interest cost	2.39%	3.32%	
Rate of compensation increase	1.50% to 4.75%	3.25% to 4.00%	
Expected return on plan assets	6.05%	6.14%	

A summary of the plans' targeted and actual asset allocations are as follows:

		Percentage of	Percentage of
	Targeted	Plan Assets	Plan Assets
	Range	June 30, 2022	June 30, 2021
Cash	0-5%	5%	2%
Bonds	25-45%	33%	26%
Global equity	45-65%	52%	64%
Real estate and other	5-10%	10%	9%
		100%	100%

The portfolios utilize a long-term asset allocation strategy that allows management to rebalance the asset allocation back to target levels on a monthly basis. Short-term compliance with the target ranges can be impacted by the severity of market conditions. The expected long-term rate of return for the plan's assets are based on the historical return of each of the above categories, weighted based on the target allocations for each class. The assets of the defined benefit pension plan are invested in a manner that is intended to preserve the purchasing power of the plan's assets and provide payments to beneficiaries. Thus, a rate of return objective of inflation plus 5% is targeted.

TJU expects to contribute \$70.2 million during fiscal year 2022.

Projected benefit payments are as follows (in thousands):

2023	\$150,390
2024	132,733
2025	139,889
2026	146,997
2027	153,851
Thereafter	839,034
	\$1,562,894

The following table presents the fair value of plan assets by level within the valuation hierarchy, as discussed in Note 8, as of June 30, 2022 and 2021 (in thousands):

	Level 1	Level 2	Level 3	NAV	2022
Cash and cash equivalents	\$69,333	\$44,203	\$1,206		\$114,742
Equity securities	1,957	-	-	-	1,957
Fixed income securities	-	1	-	-	1
Funds:					
Global equity	-	-	-	\$1,113,181	1,113,181
Fixed income	21	-	-	727,478	727,499
Real assets	-	-	-	116,335	116,335
Private equity	-	-	-	73,469	73,469
Hedge funds	-	-	-	26,277	26,277
Total	\$71,311	\$44,204	\$1,206	2,056,740	\$2,173,461
	T 11	1 12	T 12	NIAN	2021
	Level 1	Level 2	Level 3	NAV	2021
Cash and cash equivalents	\$2,871	\$36,792	-	-	\$39,663
Equity securities	16	-	-	-	16
Fixed income securities	-	1	-	-	1
Funds:					
Global equity	58,735	-	-	\$1,208,765	1,267,500
Fixed income	19,386	-	-	494,496	513,882
Real assets	-	-	-	108,055	108,055
Private equity	-	-	-	56,336	56,336
Hedge funds				26,480	26,480
Total	\$81,008	\$36,793		\$1,894,132	\$2,011,933

Retirement benefits are also provided to certain employees through direct payments to various funds. Employees not subject to TJU's defined benefit plans may be eligible to participate in one of the following defined contribution arrangements. TJU's share of the cost of these benefits for the year ended June 30, 2022 and 2021 was as follows (in thousands):

Plan	Description	2022	2021
TJU: Faculty and senior administrators	9% to 13% of eligible compensation based upon age	\$13,090	\$11,766
TJU: Non-faculty and non-union	4.5% of eligible compensation, plus matching contribution of 25% of the first 6% of employee contributions	17,239	13,832
JUP	10% of eligible compensation for physicians and 3.5% to 5.5% of eligible compensation for non-physicians based upon years of service	12,642	11,851
Abington	2% to 5% of eligible compensation based upon years of service, plus matching contribution of 50% of the first \$2,000 of employee contributions	5,296	3,224
Aria	Matching contribution of 50% of the first 4% of employee contributions plus 1% to 7% based on age and years of service	4,733	6,250
Philadelphia University	9% of eligible compensation	1,478	1,129
Kennedy	Matching contribution of 50% to 100% of the first 4% of employee contributions starting in year 3. For those that started after 7/1/15, another 2.75% to 4.75% of their annual salary in lieu of a defined benefit plan	4,096	3,755
Magee	2% to 4% of eligible compensation, plus matching contribution of 25% of the first 6% of employee contributions	1,148	841
НРР	4% of eligible compensation, plus matching contribution of $100%$ of the first $3%$ of employee contributions and $50%$ of employee contributions greater than $3%$ up to a maximum of $5%$	3,294	-
Einstein	For Philadelphia employees earning less than \$100,000, a matching contribution of 20%, up to 4% of pay, with an annual maximum of \$400. For Montgomery County employees, a matching contribution of 50%, up to 2.5% of salary.	2,773	-
		\$65,789	\$52,648

Participation in Multiemployer Defined Benefit Pension Plan

TJU is a participating employer in The Pension Fund for Hospital and Health Care Employees – Philadelphia and Vicinity (the Pension Fund), a jointly-trusted multiemployer defined benefit pension plan. The Pension Fund is operated for the benefit of Chapter 1199C of the American Federation of State, County and Municipal Employees (the Union). Information about the Pension Fund and the TJU's participation is summarized as follows.

The employer identification number for the Pension Fund is 23-2627428. At the date the financial statements were issued Form 5500 was not available for the plan year ending in 2022. TJU's contribution to the Pension Fund was \$7.1 million and \$7.5 million for the years ended June 30, 2022 and 2021. The contributions represent approximately 31.0% and 24.4% of the contributions to the Pension Fund, respectively. A five year collective bargaining agreement was approved by the Union effective July 1, 2022 and extends through June 30, 2027. TJU contributions as a percentage of covered payroll to the Pension Fund for the year ending June 30, 2023 will be 21.55%.

The Pension Fund was determined to be in critical status (also referred to as red zone status) under the Pension Protection Act of 2006 for the plan years beginning January 1, 2020 and 2019. Accordingly, the Pension Fund is subject to a funding improvement plan. The zone status is based on information that TJU received from the plan and is certified by the plan's actuary. Among other factors, plans in the red zone status are generally less than 65% funded.

At January 1, 2021, the most recent date for which such information is available the projected benefit obligation exceeded plan assets of the Pension Fund by \$298.4 million.

17. PROFESSIONAL LIABILITY CLAIMS

TJU maintains professional liability insurance under both self-insured and alternative risk financing insurance programs to fund for their potential professional and general liability claims. For all self-insured programs TJU accrues for estimated retained risk liability arising from both asserted and unasserted claims. The estimate of liability is based upon an analysis of historical claims data as prepared by independent actuaries.

For Kennedy, Magee, TJU and TJUHS, including JUP the primary layer of professional liability coverage is provided by MLRRG. MLRRG is a licensed captive insurance company qualified as a risk retention group domiciled in Vermont. TJU is a 50% owner of MLRRG. The remaining ownership interest is held by another regional healthcare system. MLRRG is reinsured by a non-profit 501(c) (3) protected cell insurance company, Five Pointe, domiciled in Delaware. Five Pointe reinsures 100% of the professional liability risks insured by MLRRG pursuant to a reinsurance agreement between Five Pointe and MLRRG that limits MLRRG's recourse for payment of any reinsured claims against Kennedy, Magee, TJU, JUP and/or TJUHS to the assets in the TJUH protected cell.

For Abington and JHNES the primary layer of professional liability coverage is provided by Cassatt RRG ("CRRG"). CRRG is a licensed captive insurance company qualified as a risk retention group domiciled in Vermont. CRRG is owned and governed by various regional non- profit hospitals including a 25% voting interest by Abington and a 25% voting interest by JHNES. CRRG is reinsured by Cassatt Insurance Company Ltd. ("CICL"). CICL is owned by the same various regional non-profit hospitals and is incorporated as an insurance company under the laws of Bermuda.

For Einstein the primary layer of professional liability coverage is provided through Broadline Risk Retention Group ("BRRG"). BRRG is a licensed captive insurance company qualified as a risk retention group domiciled in Vermont.

Pennsylvania's Medical Care Availability and Reduction of Error Fund (the "MCARE Fund") provides limits excess of the primary layer of coverage. The annual assessments for MCARE Fund coverage are based on the schedule of occurrence rates approved by the Insurance Commissioner of Pennsylvania for the Pennsylvania Professional Liability Joint Underwriting Association multiplied by an annual assessment percentage. This assessment is recognized as an expense in the period incurred. No provision has been made for future MCARE Fund assessments as the unfunded portion of the MCARE Fund liability cannot be reasonably estimated.

For losses in excess of the primary and MCARE layers of coverage TJU accrues for potential liabilities for self-insured amounts. Additionally, TJU maintains claims-made excess catastrophic professional liability insurance coverage through Five Pointe, CICL and BRRG. For excess layer coverage purchased through CICL, coverage limits are shared with the various regional non- profit hospital owners of CRRG and CICL. Five Pointe, CICL and BRRG all purchase reinsurance with commercial carriers rated at least "A-" by AM Best.

For MLRRG the premiums charged for the primary professional layer of coverage are determined by an independent actuary, based on loss and loss adjustment expense experience and other factors, at a 65% confidence level and a 3% discount rate for 2022 and 2021 and include a charge for premium tax and operating expenses.

For CRRG and CICL the premiums charged for the primary professional layer of coverage are determined by an independent actuary, based on loss and loss adjustment expense experience and other factors, at an expected confidence interval and a 3.5% discount rate for 2022 and 2021.

TJU has accrued professional liability claims of \$850.9 million and \$580.1 million at June 30, 2022 and 2021, respectively, at an expected confidence interval and a 3.0% to 3.5% discount rate, of which \$234.4 million and \$120.3 million were current.

Anticipated medical malpractice insurance recoveries associated with these liabilities for June 30, 2022 and 2021 is \$378.3 million and \$282.1 million, respectively, at an expected confidence interval and a 3.0% to 3.5% discount rate.

18. WORKERS' COMPENSATION CLAIMS

TJU is self-insured for its workers' compensation exposures. TJU accrues for its workers' compensation liability based upon actuarial estimates using a discount rate of 3%. Accrued workers' compensation liabilities were \$46.4 million and \$38.0 million at June 30, 2022 and 2021, respectively. These amounts are presented in the accompanying consolidated balance sheets.

19. COMMITMENTS AND CONTINGENCIES

Letters of Credit

TJU had open letters of credit aggregating \$68.9 million and \$43.9 million at June 30, 2022 and 2021, respectively, primarily related to self-insurance arrangements for workers' compensation. The letters of credit expire between October 15, 2023 and February 20, 2024.

Litigation

TJU is involved in litigation and regulatory investigations arising in the ordinary course of business. In the opinion of management, all such matters are adequately covered by commercial insurance or by accruals, and if not so covered, are without merit or are of such kind, or involve such amounts, as would not have a material adverse effect on the financial position or results of operations of TJU.

20. FUNCTIONAL CLASSIFICATION

Expenses for the years ended June 30, 2022 and 2021 are categorized on a functional basis as follows (in thousands):

			2022		
Education and Research Operations Insurance Administrative, Operations and Maintenance	Total				
Salaries and wages	\$266 941	\$2 685 158	\$51.714	\$311 961	\$3,315,774
C	· ·				726,609
	-	-	,	-	862,277
	32,998	1.179.871	-	9.571	1,222,440
	,	, ,	29,636	,	750,065
		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	,	328,303
Interest	*		· · · · · · · · · · · · · · · · · · ·	,	83,995
Insurance	· · · · · · · · · · · · · · · · · · ·	,			136,204
Utilities		· · · · · · · · · · · · · · · · · · ·	,		73,982
Other expenses	*	233,117	4,124	246,636	540,675
Total			\$973,024		\$8,040,324
			2021		
				Administrative, Operations and	
	Research	Operations	Insurance	Maintenance	Total
Salaries and wages	\$246,324	\$2,094,282	-	\$244,494	\$2,585,100
Employee benefits	50,927	420,275	-	77,975	549,177
Supplies	36,397	936,298	-	7,598	980,293
Purchased services	46,629	387,581	-	175,933	610,143
Depreciation and amortization	37,603	226,051	-	142	263,796
Interest	14,294	41,219	-	530	56,043
Insurance	2,462	106,238	-	17	108,717
Utilities	10,103	51,533	-	7,430	69,066
Other expenses	47,655	75,457		311,542	434,654

21. NONCONTROLLING INTEREST

\$492,394

Total

TJU has a controlling interest in certain joint ventures in healthcare related organizations; Riverview, a 51% owned joint venture; JURA, an 80% owned joint venture and ROSH, a 54% owned joint venture. The amount not owned by TJU is shown as a non-controlling interest. The following table presents the changes in consolidated net assets without donor restriction attributable to the controlling financial interest of TJU and the non-controlling interest (in thousands):

\$4,338,934

\$825,661

\$5,656,989

Controlling Interest	Non-controlling Interest	Consolidated Total
\$2,525,219	\$20,496	\$2,545,715
(4,243)	10,127	5,884
-	(10,036)	(10,036)
893,213	(3,086)	890,127
\$3,414,189	\$17,501	\$3,431,690
(133,023)	7,184	(125,839)
-	(11,727)	(11,727)
472,316	-	472,316
\$3,753,482	\$12,958	\$3,766,440
	\$2,525,219 (4,243) - 893,213 \$3,414,189 (133,023) - 472,316	Interest Interest \$2,525,219 \$20,496 (4,243) 10,127 - (10,036) 893,213 (3,086) \$3,414,189 \$17,501 (133,023) 7,184 - (11,727) 472,316 -

22. RISKS AND UNCERTAINTIES

In January 2020, the World Health Organization declared the novel coronavirus (COVID-19) a Public Health Emergency of International Concern. Beginning in March 2020, TJU's operations were significantly impacted by the COVID-19 pandemic. As a result of the Coronavirus Aid, Relief, and Economic Security (CARES) Act signed into law on March 27, 2020, TJU has received significant government support primarily to reimburse for COVID-19 related expenses and lost operating income. During fiscal year 2022, TJU's operations continued to be impacted by variants of the SARS-CoV-2 virus. While management expects COVID-19 to continue to impact operations in fiscal year 2023, it believes TJU will have sufficient liquidity to meet its operating and financing requirements

23. GOVERNMENT SUPPORT

The Coronavirus Aid, Relief, and Economic Security (CARES) Act was signed into law on March 27, 2020 to provide economic relief to individuals and organizations from the effects of COVID-19. The CARES Act included the following key provisions impacting TJU:

Provider Relief Fund - provided general funding to providers that participated in the Medicare and Medicaid programs and targeted funding to providers in areas particularly impacted by the COVID-19 outbreak and hospitals that treated a high volume of COVID-19 admissions.

Higher Education Emergency Relief Fund – provided funding to higher education institutions for certain costs incurred or amounts refunded to students related to cessation of housing and dining services due to COVID-19. Additionally, \$5.1 million and \$2.1 million of the funding received by TJU in 2022 and 2021 was required to be paid directly to currently enrolled students in the form of emergency grants.

Employee Retention Credit - provided funding to eligible employers in the form of a refundable tax credit on qualifying wages paid to employees during a period of government shut-down due to the COVID-19 pandemic.

Disaster Relief Fund - provided additional funding to the Federal Emergency Management Agency (FEMA) and Pennsylvania Emergency Management Agency (PEMA) to support medical providers for the costs of treating COVID-19 patients.

The following table summarizes the amounts recognized as revenue from government support for COVID-19 in the accompanying consolidated statements of operations and changes in net assets without donor restrictions for June 30, 2022 and 2021 (in thousands):

	2022	2021
Provider Relief Fund	\$88,294	\$150,818
Higher Education Emergency Relief	9,649	6,354
Employee Retention Credit	(2,580)	-
Disaster Relief (FEMA/PEMA)	24,000	2,172
Total	\$119,363	\$159,344

Revenue recognition of government support for COVID-19 was based upon substantially satisfying all terms and conditions related to the applicable awards. Significant terms and conditions included that payments will only be reimbursement for health care or educational related expenses or lost revenue attributable to COVID-19 and limitations on billing patients for deductibles and coinsurance.

TJU recognized revenue related to the CARES Act provider relief funding based on information contained in laws and regulations, as well as interpretations issued by the Department of Health and Human Services (HHS), governing the funding that was publicly available at June 30, 2022. HHS has made multiple changes to its guidance during the COVID-19 pandemic. The potential financial impacts of future changes in guidance may impact TJU's ability to retain some or all of the distributions received.

Accrued receivables of \$18.9 million and \$22.0 million are included in the accompanying consolidated balance sheets for the years ended June 30, 2022 and 2021 related to the Employee Retention Credit.

Additionally, the CARES act included a provision for deferring payment of the employer portion of social security taxes that would be otherwise due between March 27, 2020 and December 31, 2020. The law permits payment of these taxes to be extended to December 31, 2021 for 50% of the amount due and December 31, 2022 for the remaining 50%. At June 30, 2022, TJU has recorded a liability of \$43.9 million within accrued payroll on the consolidated balance sheet.

24. ADVANCES

The Centers for Medicare & Medicaid Services (CMS) established the CMS Accelerated and Advance Payment (CMSAAP) program to increase the cash flow to Medicare providers impacted by COVID-19. The advances received from CMSAAP will be repaid through 2023. The following table presents the CMSAAP liability included in the advances line item in the accompanying consolidated balance sheets (in thousands):

Balance, June 30, 2020	\$447,993
Repayments	(52,602)
Balance, June 30, 2021	\$395,391
Acquisition of Einstein	102,513
Repayments	(368,140)
Balance, June 30, 2022	\$129,764

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Thomas Jefferson University Consolidating Balance Sheet June 30, 2022 (In Thousands)

									Adjustments &	
	TJU	TJUHS	Abington	JHNES	Kennedy	Magee	Einstein	HPP	Eliminations	Consolidated
Assets										
Current assets:	(0205 125)	6105.766	0112.762	600.506	(#20,022)	P2 (47	£100.464	654.010		£402.000
Cash and cash equivalents	(\$205,135)	\$195,766	\$113,763	\$90,596	(\$29,023)	\$2,647	\$180,464	\$54,910	-	\$403,988
Short-term investments	368,892	187,932	415,004	95,970	104,071	37,853	140,991	-	(01 (0.50)	1,350,713
Accounts receivable	40,839	298,786	99,397	63,373	93,050	30,380	152,207	-	(\$16,959)	761,073
Insurance premium receivable	24.462	- 50.257	12 242	15 225	16.164	- 542	25.206	479,777	-	479,777
Inventory	24,462	58,357	12,242	15,335	16,164	542	25,296	-	-	152,398
Pledges receivable	20,126	2,391	2,801	97	239	- 1 212	-	-	-	25,654
Insurance recoverable	1,334	40,819	19,831	18,089	8,912	1,313	-	-	-	90,298
Assets whose use is limited, current	-	424	1,191	-	33	-	26,230	-	-	27,878
Other current assets	45,520	8,224	1,719	1,334	1,455	207	11,250	6,565	(1.6.050)	76,274
Total current assets	296,038	792,699	665,948	284,794	194,901	72,942	536,438	541,252	(16,959)	3,368,053
Long-term investments	744,845	443,756	829,609	425,788	173,236	62,552	371,730	125,727	(451,604)	2,725,639
Assets whose use is limited, noncurrent	24,356	229,509	9,279	1,571	50	, , , , , , , , , , , , , , , , , , ,	110,929	, , , , , , , , , , , , , , , , , , ,		375,694
Assets held by affiliated foundations		11,025	-,	-,-,-	-	31,678		_	_	42,703
Pledges receivable	106,456	9,131	1,285	172	268	-	5,000		_	122,312
Goodwill, net	-	138	-,200	1,500	-		-	214,502	_	216,140
Insurance recoverable	2,516	131,178	43,074	51,617	19,473	2,613	51,848	211,502	_	302,319
Loans receivable from students, net	19,818	-	67	51,017	15,175	2,013	51,010		_	19,885
Land, buildings and equipment, net	684,785	975,983	473,937	266,235	775,369	69,548	673,779	35,314	_	3,954,950
Right-of-use assets	84,722	169,285	22,354	6,025	7,146	3,414	21,532	35,934	_	350,412
Other noncurrent assets	15,392	9,938	22,334	1,150	5,308	4,340	35,702	106,111	-	177,941
Total assets	\$1,978,928	\$2,772,642	\$2,045,553	\$1,038,852	\$1,175,751	\$247,087	\$1,806,958	\$1,058,840	(\$468,563)	\$11,656,048
Total assets	\$1,776,726	\$2,772,042	\$2,043,333	\$1,030,032	\$1,173,731	\$247,007	\$1,000,730	\$1,030,040	(\$400,505)	\$11,030,040
Liabilities and Net Assets										
Current liabilities:										
Current portion of:										
Long-term obligations	\$34,176	\$3,404	\$1,165	\$276	\$728	-	2,532	\$50,000	-	\$92,281
Accrued professional liability claims	-	93,213	19,667	16,759	8,947	1,407	94,411	-	_	234,404
Accrued workers' compensation claims	6,127	-	1,639	3,141	2,242	318	8,103	_	_	21,570
Deferred revenues	21,293	4,607	963	59	1,306	-	2,153	_	_	30,381
Advances	26,603	57,315	42,103	17,564	8,906	_	44,331	_	_	196,822
Operating lease obligations	,	1,819	-		-	_	5,235	4,229	\$33,586	44,869
Accounts payable and accrued expenses	183,656	111,080	47,906	46,127	52,503	1,054	116,788	59,302	-	618,416
Medical costs payable	-	-	-	-	-	-	-	181,196	(58,526)	122,670
DHS insurance program payable	_	_	_	_	_	_	_	134,276	(50,520)	134,276
Accrued payroll and related costs	106,648	126,913	66,016	45,373	47,736	6,633	55,265	8,415	_	462,999
Total current liabilities	378,503	398,351	179,459	129,299	122,368	9,412	328,818	437,418	(24,940)	1,958,688
Town Current Machines	370,000	370,331	177,187	123,233	122,500	>,2	320,010	137,110	(21,510)	1,720,000
Long-term obligations	357,432	1,136,783	364,523	425,449	570,069	39,511	454,677	20,252	(12,507)	3,356,189
Accrued pension liability	97,820	-	102,693	26,763	20,455	(9,458)	162,838	-	-	401,111
Federal student loan advances	5,477	-	-	-	-	-	-	-	-	5,477
Deferred revenues	4,641	684	-	-	-	30	9,992	-	-	15,347
Accrued professional liability claims	168	312,371	54,227	73,341	25,720	4,704	145,927	-	-	616,458
Accrued workers' compensation claims	5,574	-	3,457	5,174	4,398	299	5,879	-	-	24,781
Interest rate hedges	18,211	-	-	-	-	-	-	-	-	18,211
Operating lease obligations	111,843	187,989	23,520	6,236	7,452	3,525	18,104	31,919	(33,586)	357,002
Other noncurrent liabilities	25,182	2,072	9,951	-	107	4,422	35,643	5,419	(3,345)	79,451
Total liabilities	1,004,851	2,038,250	737,830	666,262	750,569	52,445	1,161,878	495,008	(74,378)	6,832,715
Not assets										
Net assets:	275.050	629 907	1 150 426	267.960	420.602	127 169	404.250	562 402	(204 195)	2.752.492
Net assets without donor restriction	375,050	638,807	1,150,436	367,860	420,603	137,168	494,250	563,493	(394,185)	3,753,482
Noncontrolling interest in joint ventures	500.027	12,958	157.207	4.720	4.570		150.020	- 220	-	12,958
Net assets with donor restriction	599,027	82,627	157,287	4,730	4,579	57,474	150,830	339	(204.105)	1,056,893
Total net assets	974,077	734,392	1,307,723	372,590	425,182	194,642	645,080	563,832	(394,185)	4,823,333
Total liabilities and net assets	\$1,978,928	\$2,772,642	\$2,045,553	\$1,038,852	\$1,175,751	\$247,087	\$1,806,958	\$1,058,840	(\$468,563)	\$11,656,048

Thomas Jefferson University Consolidating Statement of Operations and Net Assets Without Donor Restrictions For the Year Ended June 30, 2022 (In Thousands)

									Adjustments &	
	TJU	TJUHS	Abington	JHNES	Kennedy	Magee	Einstein	НРР	Eliminations	Consolidated
Operating revenues, gains and other support:						_			<u> </u>	
Net patient service revenue	-	\$2,338,746	\$891,542	\$649,222	\$768,909	\$67,227	\$1,004,711	-	(\$116,797)	\$5,603,560
Insurance premium revenue	-	-	-	-	-	-	-	\$1,155,962	-	1,155,962
Grants and contracts	\$140,533	2,221	1,550	330	3,793	54	12,720	-	-	161,201
Clinical component support	94,569	4,292	-	-	-	-	-	-	(98,861)	-
Tuition and fees, net	216,003	451	-	-	-	-	-	-	-	216,454
Investment income	32,250	31,315	13,002	23,667	2,237	58	46,165	1,435	(61,556)	88,573
Contributions	1,493	155	-	-	12	1,247	1,592	-	-	4,499
Other revenue	62,904	370,239	36,881	14,759	22,329	4,049	27,344	-	(40,786)	497,719
Government support for COVID-19	9,590	56,564	15,316	5,434	5,325	46	27,088	-	- -	119,363
Net assets released from restrictions	42,763	7,966	8,863	228	806	-	6,414	114	-	67,154
Total operating revenues, gains and other support	600,105	2,811,949	967,154	693,640	803,411	72,681	1,126,034	1,157,511	(318,000)	7,914,485
Operating expenses:										
Salaries and wages	540,371	1,041,473	444,224	326,270	335,112	42,903	533,303	51,714	404	3,315,774
Employee benefits	143,375	227,477	107,089	49,482	76,117	7,453	103,224	12,392	-	726,609
Insurance services medical expenses	-			-	-	-		1,033,480	(171,203)	862,277
Supplies	42,180	641,572	146,448	101,651	128,808	4,129	157,652	-	-	1,222,440
Clinical and academic support	3,814	94,146	-	-		-	-	_	(97,960)	-,,
Purchased services	234,437	140,563	72,480	55,791	83,384	5,299	128,475	29,636	-	750,065
Depreciation and amortization	39,709	100,351	51,760	29,244	49,945	4,209	42,604	10,481	-	328,303
Interest	13,607	15,878	11,688	8,855	18,522	1,281	13,624	540	-	83,995
Insurance	3,055	69,641	9,561	15,960	5,903	483	30,468	1,133	-	136,204
Utilities	15,499	17,604	12,447	6,244	13,230	491	7,740	727	-	73,982
Other	(443,600)	550,448	155,406	119,048	113,906	10,315	73,119	4,124	(42,091)	540,675
Total operating expenses	592,447	2,899,153	1,011,103	712,545	824,927	76,563	1,090,209	1,144,227	(310,850)	8,040,324
Income (Loss) from operations	7,658	(87,204)	(43,949)	(18,905)	(21,516)	(3,882)	35,825	13,284	(7,150)	(125,839)
Nonoperating items and other changes in net assets without donor restriction, net:										
Return on investments, net of amounts classified as operating revenue	(88,034)	(82,237)	(105,790)	(21,204)	(22,751)	(7,045)	(34,634)	(12,654)	-	(374,349)
Contribution received in Einstein acquisition	-	-	-	-	-	-	490,770	-	-	490,770
Gain on investment in HPP acquisition	-	-	-	-	-	-	-	-	175,828	175,828
Interest rate hedges	16,844	-	-	-	-	-	-	-	-	16,844
Reclassification of net assets	(569)	(1,573)	-	-	27	-	(2)	-	-	(2,117)
Net assets released from restrictions used for purchase of property and equipment	2,154	164	-	-	-	-	-	-	-	2,318
Decrease in pension liability	58,141	-	67,367	17,557	13,419	3,695	38,651	-	-	198,830
Distributions to noncontrolling interest	-	(11,727)	-	-	-	-	-	-	-	(11,727)
Loss on defeasance of debt	552	<u> </u>			<u> </u>	<u> </u>	(36,360)			(35,808)
(Decrease) Increase in nonoperating items and other changes in net assets without donor restriction	(10,912)	(95,373)	(38,423)	(3,647)	(9,305)	(3,350)	458,425	(12,654)	175,828	460,589
(Decrease) Increase in net assets without donor restriction	(\$3,254)	(\$182,577)	(\$82,372)	(\$22,552)	(\$30,821)	(\$7,232)	\$494,250	\$630	\$168,678	\$334,750



Federal Program	Assistance Listing#	Direct	Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Student Financial Aid Cluster DEPARTMENT OF HEALTH AND HUMAN SERVICES	210111911	211001		1 300 11100 11111	100.00	Total Experience	
Nursing Student Loans Outstanding loans as of July 1, 2021 New loans issued during 2022	93.364 93.364	2,014,966 607,083 2,622,049				2,014,966 607,083 2,622,049	<u>:</u>
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students Outstanding loans as of July 1, 2021 New loans issued during 2022	93.342 93.342	815,196 85,000 900,196				815,196 85,000 900,196	<u>:</u>
Total Department of Health and Human Services		3,522,245	-			3,522,245	
DEPARTMENT OF EDUCATION Federal Supplemental Educational Opportunity Grants Federal Supplemental Educational Opportunity Grants Federal Supplemental Educational Opportunity Grants Administrative Cost Allowance	84.007 84.007 84.007	10,931 (1,173) 964,336				10,931 (1,173) 964,336	
Federal Work-Study Program Federal Work-Study Program Federal Work-Study Program Federal Pell Grant Program Federal Pell Grant Program Federal Pell Grant Program Federal Perkins Loans	84.033 84.033 84.033 84.063	9,827 290,603 949,545 417,723 5,488,915				9,827 290,603 949,545 417,723 5,488,915	
Outstanding loans as of July 1, 2021 New loans issued during 2022 Federal Direct Student Loans	84.038 84.038 84.268	2,303,152 - 118,284,676 128,718,533	:			2,303,152 - 118,284,676 128,718,533	· ·
TOTAL STUDENT FINANCIAL AID CLUSTER		\$ 132,240,778	\$ -			\$ 132,240,778	-
Covid 19- Education Stabilization Fund Covid 19- Education Stabilization Fund Covid 19- Education Stabilization Fund Total Education Stabilization Fund	84.425C 84.425E 84.425F	5,676,345 4,129,533 \$ 9,805,878	1,287	Commonwealth Of Pennsylvania	A425C200013	1,287 5,676,345 4,129,533 \$ 9,807,165.49 \$	
Total Department of Education		\$ 138,524,411	\$ 1,287			\$ 138,525,698 \$	
Research and Development Cluster DEPARTMENT OF HEALTH AND HUMAN SERVICES National Institutes of Health Environmental Fealth Environmental Health Human Genome Hesearch Ural Diseases and Disorders Research Nurse Anesthetist Traineeship Human Genome Research Hesearch Helated to Deafness and Communication Disorders Research Related to Deafness and Communication Disorders	93.113 93.113 93.113 93.113 93.113 93.113 93.113 93.113 93.113 93.121 93.121 93.121 93.172 93.172 93.172 93.172 93.173 93.173 93.173 93.173 93.173 93.173 93.173 93.173	110,955 2,169 7,858 125,999 (111) 492,350 243,552 13,091 5,545 33,499 41,712 107,545 197,247	229,845 (141) 304,040 14,029 60,555 10,325 21,248 139,866 55,061	Colorado State University Temple University Foundation for Applied Molecular Evo. The Jackson Laboratory The Jackson Laboratory Monell Chemical Senses Center Temple University The George Washington University The University of Alabama at Birmingham	FI01ES030937 263777-TJU FI01HG011669 U24HG011735 FI01HG010679 FI01DC018042 260895-AEHN 18-S15 000524835-SC001	110,955 2,169 7,858 125,999 (111) 492,350 243,592 13,091 5,545 229,845 33,499 (141) 41,712 107,545 197,247 304,040 14,029 60,555 10,325 21,248 139,866 55,061 322,039	53,522

Federal Program	Assistance Listing #	Direct	Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
fental Health Research Grants fental Health Research Grants	93.242 93.242	757,140 115,710				757,140 115,710	252,702 62,501
Mental Health Research Grants	93.242	115,710	(1.584)	University Of North Carolina At Chapel	U01MH110925	(1,584)	62,301
Mental Health Research Grants	93.242		1.647	University Of North Carolina At Chapel	U01MH110925	1,647	
Mental Health Research Grants	93.242		51,607	Icahn School Of Medicine At Mount Sinai	R01MH110921	51,607	
Alcohol Research Programs	93.273	3,002				3,002	
Alcohol Research Programs	93.273	(2,358)				(2,358)	
Alcohol Research Programs	93.273 93.273	1,555				1,555	
Alcohol Research Programs Alcohol Research Programs	93.273	78,297				78,297	
Noohol Research Programs	93.273	129,474				129,474	
Ilcohol Research Programs	93.273	[18,626]				(18,626)	
Alcohol Research Programs	93.273	327,396				327,396	
Ilcohol Research Programs	93.273	110,580				110,580	
Alcohol Research Programs	93.273		28,079	University Of Colorado, Denver	R21AA028871	28,079	
Alcohol Research Programs	93.273		7,393	University Of Colorado, Denver	R24AA019661	7,393	
Alcohol Research Programs	93.273		(14,022)	Univ of Louisville Res Found, Inc.	P50AA024337	(14,022)	
Alcohol Research Programs	93.273	202 744	67,622	Univ of Louisville Res Found, Inc.	P50AA024337	67,622	
Orug Abuse and Addiction Research Programs	93.279 93.279	363,741 343,567				363,741 343,567	
Orug Abuse and Addiction Research Programs Orug Abuse and Addiction Research Programs	93.279	7,096				7,096	
Orug Abuse and Addiction Research Programs	93.279	7,036	54 914	RTM Vital Signs, LLC.	R41DA047779	54.914	
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	161.792	34,314	TITLE THAT OIGHS, ELC.	THE PROPERTY OF	161,792	66.10
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	29,991				29,991	53,10
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	587,673				587,673	182,46
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	1,588				1,588	
/inority Health and Health Disparities Research	93.307		49,455	University of CA, Irvine	R01MD12778	49,455	
rans-NIH Research Support	93.310	(27,073)				(27,073)	
rans-NIH Research Support	93.310	871,033	22 522	»	GT2GD220525	871,033 22,529	292,433
Frans-NIH Research Support Frans-NIH Research Support	93.310 93.310		22,529 15.592	Emory University Nemours Foundation	OT2DD030535 UG10D024958	22,529 15,592	
rans-Nin Hesearch Support Research Infrastructure Programs	93.351	(6)	10,032	Nemours Foundation	OG IOD024998	(6)	
Research Infrastructure Programs	93.351	746,307				746,307	
Research Infrastructure Programs	93.351	1 40,001	94.687	University of Pittsburgh	P40CD010996	94,687	
Research Infrastructure Programs	93.351		1,896	University of Pittsburgh	P400D010996	1,896	
1st Century Cures Act - Beau Biden Cancer Moonshot	93.353		18,384	The Trustees of The University of PA	U01CA243702	18,384	
Jursing Research	93.361		90,160	Villanova University	R01NR018655	90,160	
Jursing Research	93.361		12,839	Drexel University	R01NR016681	12,839	
Jursing Research	93.361		(0)	Drexel University	R01NR016681	(0)	
Jursing Research Cancer Cause and Prevention Research	93.361 93.393	7,576	4,648	Columbia University	R01NR016865	4,648 7,576	
Cancer Cause and Prevention Research	93.393	10.890				10.890	
Cancer Cause and Prevention Research	93.393	155,460				155,460	
Cancer Cause and Prevention Research	93.393	419,011				419,011	16.077
Cancer Cause and Prevention Research	93.393	260,260				260,260	
Cancer Cause and Prevention Research	93.393	27,758				27,758	
Cancer Cause and Prevention Research	93.393	193,869				193,869	71,62
Cancer Cause and Prevention Research	93.393	105,467				105,467	
Cancer Cause and Prevention Research	93.393 93.393	350,663 183,429				350,663	
Cancer Cause and Prevention Research Cancer Cause and Prevention Research	93.393	183,429 134,555				183,429 134,555	
Jancer Cause and Prevention Research Cancer Cause and Prevention Research	93.393	(1,336)				(1,336)	
Cancer Cause and Prevention Research	93.393	(1,336)	101.254	Univ of KS Med Ctr Res Inst	FI01CA181047	101,254	
Cancer Cause and Prevention Research	93.393		14,802	The Trustees of The University of PA	R01CA190871	14,802	
Cancer Cause and Prevention Research	93.393		1,620	Northwestern University	R01CA218436	1,620	
Cancer Cause and Prevention Research	93.393		50,167	University Of Delaware	FI01CA194178	50,167	
Cancer Cause and Prevention Research	93.393		4,906	Drexel University	R01CA229324	4,906	
Cancer Cause and Prevention Research	93.393		30,103	University of Arkansas	R01CA229324	30,103	
Cancer Cause and Prevention Research	93.393	4 100	339	MAE Consulting Group LLC	R41CA239815	339	
Cancer Detection and Diagnosis Research	93.394 93.394	4,108 222,254				4,108 222,254	3.47
Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research	93.394	222,254 257,195				222,254 257,195	3,47 48.05
Cancer Detection and Diagnosis Research	93.394	2,279				2,279	40,00
Cancer Detection and Diagnosis Research	93.394	3,976				3,976	
Cancer Detection and Diagnosis Research	93.394	363.107				363,107	
Cancer Detection and Diagnosis Research	93.394	28,442				28,442	
Cancer Detection and Diagnosis Research	93.394	56,090				56,090	
Cancer Detection and Diagnosis Research	93.394	384,286				384,286	118,29
Cancer Detection and Diagnosis Research	93.394	420,271				420,271	178,22
Cancer Detection and Diagnosis Research	93.394	408,060				408,060	263,74

Federal Program	Assistance Listing #	Direct	Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research	93.394 93.394	443,434 62,196				443,434 62,196	
Cancer Detection and Diagnosis Research	93.394	171,584				171,584	57,606
Cancer Detection and Diagnosis Research	93.394	194,319				194,319	61,314
Cancer Detection and Diagnosis Research	93.394	105,534				105,534	EE 254
Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research	93.394 93.394	395,816 32.011				395,816 32.011	55,754
Cancer Detection and Diagnosis Research	93.394	36,433				36,433	
Cancer Detection and Diagnosis Research	93.394	21,731				21,731	
Cancer Detection and Diagnosis Research	93.394		54,135	Minnesota Department of Health	NU50CK000563	54,135	
Cancer Detection and Diagnosis Research Cancer Detection and Diagnosis Research	93.394 93.394		15,304 1.021	Medical College Of Wisconsin Baruch S. Blumberg Institute	R03CA259594 R01CA202769	15,304 1,021	
Cancer Detection and Diagnosis Research	93.394		1.451	JBS Science, Inc.	R44CA165312-TJU	1,451	
Cancer Detection and Diagnosis Research	93.394		10,199	Drexel University	R21CA252933	10,199	
Cancer Treatment Research	93.395	21,020		,		21,020	
Cancer Treatment Research	93.395	29,765				29,765	
Cancer Treatment Research Cancer Treatment Research	93.395 93.395	314,188 19.546				314,188 19.546	
Cancer Treatment Research	93.395	264,700				264,700	
Cancer Treatment Research	93.395	354,063				354,063	
Cancer Treatment Research	93.395	41,070				41,070	
Cancer Treatment Research	93.395	340,930				340,930	
Cancer Treatment Research	93.395 93.395	119,471 2.581				119,471 2,581	
Cancer Treatment Research Cancer Treatment Research	93.395	460,268				460,268	70,298
Cancer Treatment Research	93.395	79,272				79,272	
Cancer Treatment Research	93.395	388,689				388,689	
Cancer Treatment Research	93.395	128,384				128,384	(11,841)
Cancer Treatment Research Cancer Treatment Research	93.395 93.395	387,185 462.215				387,185 462,215	304.062
Cancer Treatment Research	93.395	292.812				292,812	304,062
Cancer Treatment Research	93.395	165,060				165,060	
Cancer Treatment Research	93.395	99,880				99,880	
Cancer Treatment Research	93.395	15,484				15,484	
Cancer Treatment Research Cancer Treatment Research	93.395 93.395	11,570	266,120	The Reg of the Univ. of CA, San Diego	R01CA257505	11,570 266,120	
Cancer Treatment Research	93.395		3.170	NRG Oncology Foundation	U10CA180868	3,170	
Cancer Treatment Research	93.395		35,928	Lehigh University	R21CA267087	35,928	
Cancer Treatment Research	93.395		9,183	The Trustees of The University of PA	R01CA270483	9,183	
Cancer Treatment Research	93.395 93.395		11,645 13,715	NRG Oncology Foundation	U10CA180868 U10CA180868	11,645 13,715	
Cancer Treatment Research Cancer Treatment Research	93.395		46,800	NRG Oncology Foundation NRG Oncology Foundation	U10CA180868	46,800	
Cancer Trealment Research	93.395		16,557	NRG Oncology Foundation	U10CA180868	16,557	
Cancer Treatment Research	93.395		12,500	NRG Oncology Foundation	U10CA180868	12,500	
Cancer Treatment Research	93.395		15,249	ECDG-ACRIN Medical Research Foundation	U10CA180820	15,249	
Cancer Treatment Research Cancer Treatment Research	93.395 93.395		20,279	ECOG-ACRIN Medical Research Foundation ECOG-ACRIN Medical Research Foundation	U10CA180820 U10CA180820	20,279	
Cancer Treatment Research	93.395		18,482	ECOG-ACRIN Medical Research Foundation	5UG1CA189828	18,482	
Cancer Treatment Research	93.395		8,172	Johns Hopkins University	UM1CA186691	8,172	
Cancer Treatment Research	93.395		29,390	Johns Hopkins University	UM1CA186691	29,390	
Cancer Treatment Research Cancer Treatment Research	93.395 93.395		5,095 (119)	ECOG-ACRIN Cancer Research Group Bound Therapeutics, LLC.	F30CA189433 F41CA235707	5,095 (119)	
Cancer Treatment Research	93.395		646	NRG Oncology Foundation	U10CA180868	646	
Cancer Treatment Research	93.395		6,922	NRG Oncology Foundation	U10CA180868	6,922	
Cancer Treatment Research	93.395		280,458	Wistar Institute	P01CA114046	280,458	
Cancer Treatment Research	93.395		(1,323)	Johns Hopkins University	UM1CA186691	(1,323)	
Cancer Treatment Research Cancer Treatment Research	93.395 93.395		26,289 84.186	University Of Virginia Arizona Štate University	R01CA214594 R15CA249617	26,289 84,186	
Cancer Treatment Research	93.395		81,016	Recombination Therapeutics, LLC	R41CA257002	81,016	
Cancer Biology Research	93.396	129,044	2.000			129,044	
Cancer Biology Research	93.396	(3,291)				(3,291)	
Cancer Biology Research	93.396	(1,018)				(1,018)	
Cancer Biology Research Cancer Biology Research	93.396 93.396	(9,811) 4,612				(9,811) 4,612	
Cancer Biology Research	93.396	1,189				1,189	
Cancer Biology Research	93.396	238,649				238,649	
Cancer Biology Research	93.396	369,126				369,126	
Cancer Biology Research	93.396	280,669				280,669	
Cancer Biology Research	93.396 93.396	282,122 72,775				282,122 72,775	
Cancer Biology Research	33.336	12,115				12,115	

Federal Program	Assistance Listing#	Direct	Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Cancer Biology Research Cancer Biology Research	93.396 93.396	487,608 396,336				487,608 396,336	83,979
Cancer Biology Research	93.396	450,033				450,033	
Cancer Biology Research	93.396	45,874				45,874	
Cancer Biology Research	93.396	361,961				361,961	42,451
Cancer Biology Research	93.396	77,424				77,424	
Cancer Biology Research	93.396	42,265				42,265	
Cancer Biology Research Cancer Biology Research	93.396 93.396	262,588 121,749				262,588 121,749	
Cancer Biology Research	93.396	69,482				69.482	
Cancer Biology Research	93.396	95.405				95.405	
Cancer Biology Research	93.396		160,281	Wistar Institute	P01CA140043	160,281	
Cancer Biology Research	93.396		71,132	Wistar Institute	P01CA140043	71,132	
Cancer Biology Research	93.396	242.050	123,617	Temple University	R01CA244179	123,617	
Cancer Centers Support Grants	93.397 93.397	312,059 198,217				312,059 198,217	
Cancer Centers Support Grants Cancer Centers Support Grants	93.397	170,504				170,504	
Cancer Centers Support Grants	93.397	84.441				84.441	84,441
Cancer Centers Support Grants	93.397	489,947				489,947	0.,
Cancer Centers Support Grants	93.397	461,594				461,594	67,205
Cancer Centers Support Grants	93.397	296,737				296,737	
Cancer Centers Support Grants	93.397	109,753				109,753	
Cancer Centers Support Grants Cancer Centers Support Grants	93.397 93.397	108,766 253,092				108,766 253,092	
Cancer Centers Support Grants Cancer Centers Support Grants	93.397	108.283				108.283	
Cancer Centers Support Grants	93.397	55.195				55.195	
Cancer Centers Support Grants	93.397	2,482				2,482	
Cancer Centers Support Grants	93.397	94,407				94,407	
Cancer Centers Support Grants	93.397	116,649				116,649	
Cancer Centers Support Grants	93.397 93.397	77,918 54,341				77,918 54,341	
Cancer Centers Support Grants Cancer Centers Support Grants	93.397	222,769				54,341 222,769	
Cancer Centers Support Grants	93.397	57,090				57,090	18,140
Cancer Centers Support Grants	93.397	77,968				77,968	10,110
Cancer Centers Support Grants	93.397	77,735				77,735	
Cancer Centers Support Grants	93.397	35,538				35,538	
Cancer Centers Support Grants	93.397	205 740	15,470	Dana-Farber Cancer Institute	P20CA233255	15,470	
Cancer Research Manpower Cancer Research Manpower	93.398 93.398	305,740 27,168				305,740 27,168	
Cancer Research Manpower Cancer Research Manpower	93.398	(2,100)				(2,100)	
Cancer Research Manpower	93.398	(29,141)				(29,141)	
Cancer Research Manpower	93.398	168,160				168,160	
Cancer Research Manpower	93.398	34,091				34,091	
Cancer Research Manpower	93.398	51,232	0.400		***	51,232	
Cancer Control	93.399 93.399		6,426 36,976	Frontier Science And Technology Research	NA UG1CA189828	6,426 36,976	
Cancer Control Cancer Control	93.399		22,819	ECOG-ACRIN Medical Research Foundation ECOG-ACRIN Medical Research Foundation	UG1CA189828	22,819	8.713
Cardiovascular Diseases Research	93.837	30,249	22,013	ECOG-ACT II 1 Fedical Flesearch Flouridation	00 ICA 103020	30,249	0,715
Cardiovascular Diseases Research	93.837	6,346				6,346	
Cardiovascular Diseases Research	93.837	149,388				149,388	
Cardiovascular Diseases Research	93.837	154,071				154,071	58,229
Cardiovascular Diseases Research	93.837	207,757				207,757	
Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837 93.837	107,539 390.023				107,539 390.023	220,706
Cardiovascular Diseases Research	93.837	249,815				249,815	64,316
Cardiovascular Diseases Research	93.837	140,388				140,388	04,010
Cardiovascular Diseases Research	93.837	455,633				455,633	338,516
Cardiovascular Diseases Research	93.837	643,055				643,055	190,082
Cardiovascular Diseases Research	93.837	517,682				517,682	222,211
Cardiovascular Diseases Research	93.837 93.837	311,305 39,034				311,305 39,034	
Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837	39,034 293,894				39,034 293,894	49,619
Cardiovascular Diseases Research	93.837	233,034	[3,069]	Temple University	FI01HL137426	(3,069)	43,013
Cardiovascular Diseases Research	93.837		2,941	Yale University	U01HL125511	2,941	
Cardiovascular Diseases Research	93.837		10,132	Yale University	U01HL125511	10,132	
Cardiovascular Diseases Research	93.837		72	Duke University	U01HL134679	72	
Cardiovascular Diseases Research	93.837		86,392	The OH State University	R01HL142588	86,392	
Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837 93.837	303.877	100,971	Fox Chase Chemical Diversity Center, Inc	R44HL123126	100,971 303,877	13.212
Cardiovascular Diseases Hesearch Cardiovascular Diseases Research	93.837	303,877	18,844	University of Pittsburgh	UG3HL145269	303,877 18,844	13,212
Cardiovascular Diseases Research	33.037		10,844	university of Fittsburgh	OG 3FIL 140203	10,844	

93.837 18,844 University of Pittsburgh
The accompanying notes are an integral part of this schedule

Federal Program	Assistance Listing #	Direct	Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Cardiovascular Diseases Research	93.837		219,962	Icahn School of Medicine at Mount Sinai	FI01HL141841	219,962	
Cardiovascular Diseases Research	93.837	71,977				71,977	
Cardiovascular Diseases Research Cardiovascular Diseases Research	93.837 93.837	45,886 356,039				45,886 356,039	12.102
Cardiovascular Diseases Hesearch Cardiovascular Diseases Research	93.837	267,086				267,086	29.347
Cardiovascular Diseases Research	93.837	68.933				68.933	20,041
Cardiovascular Diseases Research	93.837	,	55,971	Albert Einstein Healthcare Network	R01HL159062	55,971	
Lung Diseases Research	93.838	547,974				547,974	174,518
Lung Diseases Research	93.838	181,168				181,168	62,185
Lung Diseases Research Lung Diseases Research	93.838 93.838	221,542 343,404				221,542 343,404	123,208
Lung Diseases Research	93.838	518,326				518,326	140.664
Lung Diseases Research	93.838	486,343				486,343	267,413
Lung Diseases Research	93.838	397,699				397,699	201,110
Lung Diseases Research	93.838		306,511	Rutgers University	P01HL114471	306,511	
Lung Diseases Research	93.838		344,061	Rutgers University	P01HL114471	344,061	126,915
Lung Diseases Research	93.838	F0.000	393,874	Rutgers University	P01HL114471	393,874	
Lung Diseases Research	93.838	56,682				56,682 276,598	
Lung Diseases Research Lung Diseases Research	93.838 93.838	276,598 320.400				276,538 320,400	
Lung Diseases Research	93.838	320,400	55,258	Rutgers University	P01HL114471	320,400 55,258	
Lung Diseases Research	93.838		22,881	University Of Alabama at Birmingham	U01HL133232	22.881	
Lung Diseases Research	93.838		29,112	Fox Chase Chemical Diversity Center, Inc	R41HL154852	29,112	
Lung Diseases Research	93.838	277,354	,			277,354	18,918
Lung Diseases Research	93.838		3,918	The Trustees of The University of PA	K23HL151879	3,918	
Lung Diseases Research	93.838		23,497	Rutgers University	P01HL114471	23,497	
Blood Diseases and Resources Research	93.839	477,265				477,265	
Blood Diseases and Resources Research Blood Diseases and Resources Research	93.839 93.839	490,493 338,872				490,493 338,872	
Blood Diseases and Resources Research	93.839	330,072	9.831	Rutgers University	U01HL133817	9,831	
Blood Diseases and Resources Research	93.839		(152)	National Marrow Donor Program	NA NA	(152)	
Blood Diseases and Resources Research	93.839		152,686	University Of Utah	FI01HL141424	152,686	
Blood Diseases and Resources Research	93.839		(4,036)	Temple University	R01HL137207	(4,036)	
Blood Diseases and Resources Research	93.839		28,069	University Of North Carolina At Chapel	FI01HL144970	28,069	
Blood Diseases and Resources Research	93.839		20,887	Temple University	R01HL137376	20,887	
Blood Diseases and Resources Research Blood Diseases and Resources Research	93.839 93.839		13,428 12,112	Temple University Washington University	R01HL109568 UH3HL138325	13,428 12.112	
Blood Diseases and Resources Research	93.839		12.369	The Trustees of The University of PA	R01HL148014	12,369	
Blood Diseases and Resources Research	93.839		387.592	The Children's Hospital Of Philadelphia	P01HL139420	387,592	
Blood Diseases and Resources Research	93.839		88,301	The Trustees of The University of PA	P01HL146373	88,301	
Blood Diseases and Resources Research	93.839		44,483	University Of Kentucky	R35HL150818	44,483	
Blood Diseases and Resources Research	93.839	514,587				514,587	
Blood Diseases and Resources Research	93.839 93.846	371,342				371,342 (78,929)	
Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research	93.846	(78,929) 689,573				(78,323) 689,573	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	112.137				112,137	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	53,519				53.519	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	8,455				8,455	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	304,319				304,319	14,133
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	239,584				239,584	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	305,229				305,229	
Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research	93.846 93.846	408,717 347,109				408,717 347,109	
Arthritis, Musculosketetal and Skin Diseases Hesearch Arthritis, Musculosketetal and Skin Diseases Research	93.846	553,231				553,231	
Arthritis, Musculosketetal and Skin Diseases Research	93.846	10,339				10,339	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	117,452				117,452	87,704
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	147,216				147,216	
Arthritis, Musculoskeletal and Skin Diseases Research						596,119	267,483
	93.846	596,119					
Arthritis, Musculoskeletal and Skin Diseases Research	93.846 93.846	48,593				48,593	
Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research	93.846 93.846 93.846	48,593 270,310				48,593 270,310	
Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research	93.846 93.846 93.846 93.846	48,593 270,310 459,104				48,593 270,310 459,104	
Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research	93.846 93.846 93.846 93.846 93.846	48,593 270,310 459,104 29,306				48,593 270,310 459,104 29,306	
Arthritis, Musculoskeletal and Skin Diseases Research	93.846 93.846 93.846 93.846 93.846 93.846	48,593 270,310 459,104 29,306 58,119				48,593 270,310 459,104 29,306 58,119	
Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research Arthritis, Musculoskeletal and Skin Diseases Research	93.846 93.846 93.846 93.846 93.846	48,593 270,310 459,104 29,306				48,593 270,310 459,104 29,306	
Arthritis, Musculoskeletal and Skin Diseases Research Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	93.846 93.846 93.846 93.846 93.846 93.846 93.847	48,593 270,310 459,104 29,306 58,119 206,450 269,912 1,702				48,593 270,310 459,104 29,306 58,119 206,450 269,912 1,702	15,332
Arthritis, Musculoskeletal and Skin Diseases Research Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	93.846 93.846 93.846 93.846 93.846 93.846 93.847 93.847	48,593 270,310 459,304 29,306 58,119 206,450 269,912 1,702 165,972				48,593 270,310 459,104 29,306 58,119 206,450 269,912 1,702 165,972	15,332
Arthritis, Musculoskeletal and Skin Diseases Research Diabetes, Digestive, and Kidney Diseases Extramural Research	93.846 93.846 93.846 93.846 93.846 93.846 93.847 93.847 93.847	48,593 270,310 459,104 29,306 58,119 206,450 269,912 1,702 165,922 193,306				48,593 270,310 459,104 29,306 58,119 206,450 269,912 1,702 165,972 193,306	15,332
Arthritis, Musculoskeletal and Skin Diseases Research Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	93.846 93.846 93.846 93.846 93.846 93.846 93.847 93.847	48,593 270,310 459,304 29,306 58,119 206,450 269,912 1,702 165,972				48,593 270,310 459,104 29,306 58,119 206,450 269,912 1,702 165,972	15,332

	Assistance				Pass-Through Entity Sponsor		Passed to
Federal Program	Listing # 93.847	Direct 127.542	Pass-Through	Pass-through Entity	Number	Total Expenditures 127,542	Subrecipients 8,706
Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	127,542 2,574				127,542 2,574	8,706
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	442,330				442,330	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		(1,752)	University of Wisconsin	R01DK099021	(1,752)	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		10,958	Columbia University	U01DK116066	10,958	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	273,752				273,752	400 400
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847 93.847	495,238 246,097				495,238 246,097	169,136 (6,000)
Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	250,422				250,422	(1,140)
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	53,263				53,263	((,140)
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	47,003				47,003	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	235,719				235,719	56,612
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	40.004	4,981	Albert Einstein Healthcare Network	U01DK083027	4,981	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847 93.847	13,201	21,002	Dulus University	2037923	13,201	
Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		21,002 405,178	Duke University Duke University	5U01DK083027-15	21,002 405,178	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	269,892	400,170	Duke University	300 IDK063027-13	269,892	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	334.348				334.348	72.884
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	1,671				1,671	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	85,422				85,422	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	190,568				190,568	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853 93.853	202,775				202,775	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	(231) 512.803				(231) 512,803	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	465,221				465,221	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	174,828				174,828	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	(4,115)				(4,115)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	(1,028)				(1,028)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	(21)				(21)	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853 93.853	374,807				374,807 (1)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	155.000				155.000	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	227,843				227,843	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	58,165				58,165	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	371,388				371,388	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	305,664				305,664	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853 93.853	328,961 2,027				328,961 2,027	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	404,839				404.839	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	498.591				498.591	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	560.803				560.803	203.892
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	32,331				32,331	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	460,096				460,096	13,787
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	421,275				421,275	137,315
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853 93.853	277,737 307,928				277,737 307,928	11,557
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	170,772				170,772	11,007
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	173,380				173,380	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		467	Mayo Clinic	U01NS080168	467	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		40,704	Cleveland Clinic Lerner College Of Medic	U01NS100610	40,704	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		20,050	University Of Texas, Southwestern Medica	P01NS097197	20,050	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853 93.853		28,104 102,790	University of Pittsburgh The Trustees of The University of PA	U01INS099046 R01NS106611	28,104 102,790	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		76.953	Trustees Of The University Of Pennsulvan	U01NS108611	76.953	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		(145)	University of Texas System	R56NS105681	(145)	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	195,891	(110)	and an analogy analogy analogy and an analogy and analogy ana		195,891	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	31,887				31,887	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	483,656				483,656	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853 93.853	322,252 176,091				322,252 176,091	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	47,404				1/6,091 47,404	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	45,753				45,753	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		20,945	Columbia University	R01NS114122	20,945	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	56,039				56,039	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	201,582				201,582	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	270,987				270,987	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853 93.853	394,916	22,560	Toronto I brivancity	RF1NS121379	394,916 22,560	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		22,560 617	Temple University University of Cincinnati	U01NS102289	22,560 617	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		755	University of Cincinnati	U01NS102289	755	
	33.333		100			100	

Federal Program	Assistance Listing #	Direct	Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	Diloci	89	University of Cincinnati	U01NS095869	89	- Jun outproi no
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		11,858	University of Cincinnati	U01NS100699	11,858	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853 93.853	83,895	23.153	University of Cincinnati Constitution Control	012358-138467	83,895 23,153	
Extramural Research Programs in the Neurosciences and Neurological Disorders Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	422,972	23,153	University of Cincinnati Coordinating Center	U12358-138467	422,972	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	422,312	61,231	Kessler Foundation Inc.	40611-02	61.231	
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		38.696	Ohio State University	GR125940I SPC-1000006037	38.696	
Allergy and Infectious Diseases Research	93.855	163,132				163,132	
Allergy and Infectious Diseases Research	93.855	110,680				110,680	
Allergy and Infectious Diseases Research	93.855	80,233				80,233	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855 93.855	(9,806) 253,646				(9,806) 253,646	
Allergy and Infectious Diseases Research	93.855	180,510				180,510	
Allergy and Infectious Diseases Research	93.855	187,082				187,082	
Allergy and Infectious Diseases Research	93.855	135,433				135,433	
Allergy and Infectious Diseases Research	93.855 93.855	193,513				193,513	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855	(1,537) 20,739				(1,537) 20,739	
Allergy and Infectious Diseases Research	93.855	20,733				20,733	
Allergy and Infectious Diseases Research	93.855	(4,644)				(4,644)	
Allergy and Infectious Diseases Research	93.855	601,833				601,833	
Allergy and Infectious Diseases Research	93.855	303,771				303,771	19,770
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855 93.855	374,461 546,534				374,461 546,534	259,584
Allergy and Infectious Diseases Research	93.855	[23,092]				(23,092)	200,004
Allergy and Infectious Diseases Research	93.855	114,264				114,264	
Allergy and Infectious Diseases Research	93.855	203,041				203,041	
Allergy and Infectious Diseases Research	93.855	178,530				178,530	070.075
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855 93.855	562,532 526,145				562,532 526,145	279,675
Allergy and Infectious Diseases Research	93.855	472,250				472,250	
Allergy and Infectious Diseases Research	93.855	494,463				494,463	
Allergy and Infectious Diseases Research	93.855	34,976				34,976	
Allergy and Infectious Diseases Research	93.855	58,834				58,834	
Allergy and Infectious Diseases Research	93.855 93.855	317,892 (2,193)				317,892	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855	[2,133]	121.210	New York Blood Center, Inc.	FI01AI078314	(2,193) 121,210	
Allergy and Infectious Diseases Research	93.855		(6,958)	University Of Alabama at Birmingham	R01Al121354	(6,958)	
Allergy and Infectious Diseases Research	93.855		(3,154)	The Trustees of The University of PA	R01AI118694	(3,154)	
Allergy and Infectious Diseases Research	93.855		18,513	University Of North Carolina At Chapel	R01Al137525	18,513	
Allergy and Infectious Diseases Research	93.855 93.855		123,030 100,339	University Of Alabama at Birmingham	FI01AI137338	123,030 100,339	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855		34.044	The Trustees of The University of PA Eastern Virginia Medical School-Conrad	R01Al146101 R61Al142685	34,044	
Allergy and Infectious Diseases Research	93.855		197,855	The Rockefeller University	FI01AI143810	197,855	
Allergy and Infectious Diseases Research	93.855	199,669		,		199,669	
Allergy and Infectious Diseases Research	93.855	125,079				125,079	
Allergy and Infectious Diseases Research	93.855 93.855	214,863 183,146				214,863 183,146	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855	205,747				183,146 205,747	
Allergy and Infectious Diseases Research	93.855	295,040				295,040	60,931
Allergy and Infectious Diseases Research	93.855	147,846				147,846	
Allergy and Infectious Diseases Research	93.855	169,847				169,847	3,000
Allergy and Infectious Diseases Research	93.855 93.855	71,409 188.320				71,409 188,320	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855	179.358				179,358	
Allergy and Infectious Diseases Research	93.855	175,550	23.094	University Of Maryland	FI01AI148166	23,094	
Allergy and Infectious Diseases Research	93.855		337,926	University Of Maryland	R01AI154542	337,926	
Allergy and Infectious Diseases Research	93.855	335,182				335,182	
Allergy and Infectious Diseases Research	93.855	366,756				366,756	242.022
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855 93.855	455,051 70,495				455,051 70,495	313,033
Allergy and Infectious Diseases nesearch Allergy and Infectious Diseases Research	93.855	175,508				175,508	
Allergy and Infectious Diseases Research	93.855	11,295				11,295	
Allergy and Infectious Diseases Research	93.855	33,757				33,757	
Allergy and Infectious Diseases Research	93.855	2,784				2,784	
Allergy and Infectious Diseases Research	93.855 93.855	12,040	152.677	Duta University	5R01AI161296-02	12,040 152,677	
Allergy and Infectious Diseases Research Allergy and Infectious Diseases Research	93.855		199,962	Duke University The Reg of the Univ. of CA, SF Campus	FID1A166967	152,677	
Biomedical Research and Research Training	93.859	253,623	100,002	money of the orient of ear, or compass		253,623	
Biomedical Research and Research Training	93.859	76,389				76,389	

	Assistance				Pass-Through Entity Sponsor		Passed to
Federal Program	Listing #	Direct	Pass-Through	Pass-through Entity	Number	Total Expenditures	Subrecipients
Biomedical Research and Research Training	93.859	119,735				119,735	
Biomedical Research and Research Training Biomedical Research and Research Training	93.859 93.859	335,864 8,378				335,864 8,378	
Biomedical Research and Research Training	93.859	(29.367)				(29.367)	
Biomedical Research and Research Training	93.859	389,121				389.121	
Biomedical Research and Research Training	93.859	68,293				68,293	
Biomedical Research and Research Training	93.859	167				167	
Biomedical Research and Research Training	93.859	382,004				382,004	
Biomedical Research and Research Training	93.859	22,992				22,992	22,992
Biomedical Research and Research Training	93.859	260,611				260,611	
Biomedical Research and Research Training	93.859	334,589				334,589	
Biomedical Research and Research Training	93.859	565,877				565,877	
Biomedical Research and Research Training	93.859	(7,699)				(7,699)	
Biomedical Research and Research Training	93.859	294,490				294,490	
Biomedical Research and Research Training	93.859 93.859	(1,161)				(1,161)	25.704
Biomedical Research and Research Training Biomedical Research and Research Training	93.859	233,662 361,010				233,662 361.010	35,784
Biomedical Research and Research Training	93.859	(1.172)				(1.172)	(2,596)
Biomedical Research and Research Training	93.859	347,174				347.174	[2,030]
Biomedical Research and Research Training	93.859	1860				1.860	
Biomedical Research and Research Training	93.859	(3.941)				(3.941)	
Biomedical Research and Research Training	93.859	366.863				366,863	
Biomedical Research and Research Training	93.859	397,795				397,795	
Biomedical Research and Research Training	93.859	283,438				283,438	
Biomedical Research and Research Training	93.859	6,412				6,412	
Biomedical Research and Research Training	93.859	362,457				362,457	212,130
Biomedical Research and Research Training	93.859	407,518				407,518	167,614
Biomedical Research and Research Training	93.859	248,863				248,863	
Biomedical Research and Research Training	93.859	207,321				207,321	28,744
Biomedical Research and Research Training	93.859	*0.4.000	83,441	Columbia University	R01GM137608	83,441	
Biomedical Research and Research Training	93.859	104,699 256,887				104,699 256,887	
Biomedical Research and Research Training	93.859 93.859	256,887 30,118				256,887	
Biomedical Research and Research Training Biomedical Research and Research Training	93.859	129,756				129.756	
Aging Research	93.866	104.289				104,289	
Aging Research	93.866	57.155				57.155	
Child Health and Human Development Extramural Research	93.865	35,848				35.848	
Biomedical Research and Research Training	93.859	13.594				13,594	
Child Health and Human Development Extramural Research	93.865		16,101	Virginia Polytechnic Institute	P2CHD101912	16,101	
Aging Research	93.866		19,276	Temple University	R21AG066771	19,276	
Biomedical Research and Research Training	93.859		14,077	SINTX Technologies Corporation	R41GM146268	14,077	
Aging Research	93.866		10,188	Temple University	R01AG062503	10,188	
Child Health and Human Development Extramural Research	93.865		11,351	Temple University	R01HD103904	11,351	
Child Health and Human Development Extramural Research	93.865		3,852	Temple University	R01HD103904	3,852	
Biomedical Research and Research Training	93.859 93.865	432.544	15,260	University of Pittsburgh	R35GM142982	15,260 432,544	320,047
Child Health and Human Development Extramural Research Child Health and Human Development Extramural Research	93.865	432,544				432,544 426	320,047
Child Health and Human Development Extramural Research	93.865	13,638				13,638	11
Child Health and Human Development Extramural Research	93.865	15,050	311	Albert Einstein College Of Medicine	R01HD082814	311	"
Child Health and Human Development Extramural Research	93.865	114.043	011	Albert Emission Contege of Medicine	1101112002014	114.043	
Child Health and Human Development Extramural Research	93.865	138,038				138,038	3,732
Child Health and Human Development Extramural Research	93.865		12.666	Temple University	R03HD101064	12,666	
Child Health and Human Development Extramural Research	93.865	418,826				418,826	
Child Health and Human Development Extramural Research	93.865		56,963	University of Pittsburgh	AWD00000279(132614-1)	56,963	
Child Health and Human Development Extramural Research	93.865		2,433	University of South Carolina	A002240S011	2,433	
Child Health and Human Development Extramural Research	93.865	319,994				319,994	
Child Health and Human Development Extramural Research	93.865		4,161	University of Pittsburgh	1R03HD101146-01A1	4,161	
Child Health and Human Development Extramural Research	93.865	C42 t0F	133,660	University of Pittsburgh	1R01HD104158-01A1	133,660	240.000
Aging Research Aging Research	93.866 93.866	642,105 392.381				642,105 392,381	348,625
Aging Research	93.866	(1,752)				(1.752)	
Aging nesearch	93.866	287,268				287,268	
Aging Research	93.866	668,452				668,452	
Aging Research	93.866	000,402	(59)	Wake Forest University	R01AG045551	(59)	
Aging Research	93.866		3,568	The Trustees of The University of PA	R01AG054435	3,568	
Aging Research	93.866		3,293	The Trustees of The University of PA	R01AG061945	3,293	
Aging Research	93.866		38	Temple University	R21AG060422	38	
Aging Research	93.866	292,757				292,757	9,577
Aging Research	93.866		403	Hennepin Healthcare Research Institute	15156-03-01FFS	403	
Vision Research	93.867	394,005				394,005	109,199

Federal Program	Assistance Listing #	Direct	Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Vision Research Vision Vi	93.867 93.867 93.867 93.867 93.867 93.969 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90 93.90	31,621 19,632 499,161 377,193 (2,682) (2,715) 0 1,313 3,826 432,234 407,766 40,946 35,178 53,823 1,016,708	209,433	The Trustees of The University of PA	PIOTE Y026525	31,621 19,632 496,161 209,433 377,193 (2,682) (2,775) 0 1,313 3,826 432,234 3,640 407,766 40,946 53,178 53,823 1,016,708 182,900 6,705	161,214 430,966 258,628 26,591 1,009,355 182,900
Phase I Double-Blind, Placebo-Controlled Trial 27MG Dolcanatide (SP-333) Claims Analysis HHHSH250201500020G Clinical Proteomic Tumor Analysis Consortium	93.RD 93.RD 93.RD		18,902 (42,049) 7,740	Mayo Clinic Keystone Peer Review Organization , INC Leidos, Corp.	MCR-0147-CPN GS10F0325L HHSN261200800001E	18,902 (42,049) 7,740	
Total National Institutes of Health		76,946,931	8,262,695			85,209,626	10,017,585
Food and Drug Administration Food and Drug Administration Research Food and Drug Administration Research	93.103 93.103			University Of North Carolina At Chapel Real Prevention LLC	U19FD004994 6R44DP006291	:	
Total Food and Drug Administration		-	-			-	
Centers for Disease Control Disabilities Prevention Disabilities Prevention Disabilities Prevention Immunization Research, Demonstration, Public Information and Education Training and Clinical Skills Improvement Projects National Research Service Award in Primary Care Medicine Centers for Disease Control and Prevention Investigations and Technical Assistance Epidemiology and Laboratory Capacity for Infectious Diseases (ELC) Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.184 93.184 93.185 93.186 93.283 93.323 93.323	312,222	3,906 10,326 53,461 (1,589) 1,519,637 267,846	The Children's Hospital Of Philadelphia The Children's Hospital Of Philadelphia CDC Foundation Nationalities Service Center NJ Department Of Health And Senior Servi PHMCC, INC	NU27DD000020 NU27DD000020 NH23IP922652 U50CK000459 NU50CK000525 400-1518	3,906 10,326 53,461 312,222 (1,589) 1,519,637 267,846	
Total Centers for Disease Control		312,222	1,853,587			2,165,809	
Administration for Community Living Paralysis Resource Center Paralysis Resource Center Paralysis Resource Center ACL National Institute on Disability, Independent Living, and Rehabilitation Research ACL National Institute on Disability, Independent Living, and Rehabilitation Research ACL National Institute on Disability. Independent Living, and Rehabilitation Research	93.325 93.325 93.433 93.433 93.433	6,079 232,289 19,740	162,206 551	PAJ Life Sciences, Inc University of Pittsburgh	90PRRC0004 AWD00000812 (135291-1)	162,206 551 6,079 232,289 19,740	(1,770) 8,955
ACL National Institute on Disability, Independent Living, and Rehabilitation Research ACL National Institute on Disability, Independent Living, and Rehabilitation Research ACL National Institute on Disability, Independent Living, and Rehabilitation Research ACL National Institute on Disability, Independent Living, and Rehabilitation Research ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433 93.433 93.433 93.433 93.433	411,505 22,725	4,691 120,650 9,395	Temple University Shepherd Center, Inc. Indiana University	90IFDV0018-01-00 SHEP-19-0016 8692	4,691 411,505 22,725 120,650 9,395	
Total Administration for Community Living		692,338	297,494			989,832	7,185
Agency for Healthcare Research and Quality Healthcare Research Research on Healthcare Costs, Quality and Outcomes Research on Healthcare Costs, Quality and Outcomes	93.226 93.226	48,555	146,656	Nemours Foundation	R18HS027399	48,555 146,656	16,361
Total Agency for Healthcare Research and Quality Healthcare Research		48,555	146,656			195,211	16,361
Health Resources and Services Administration Maternal and Child Health Federal Consolidated Programs Maternal and Child Health Federal Consolidated Programs injury Prevention and Control Research and State and Community Based Programs	93.110 93.11 93.136	177,172	(933) 14,606	The Children's Hospital Of Philadelphia The Children's Hospital Of Philadelphia	H30MC24050 H30MC24050	(933) 14,606 177,172	
Community Programs to Improve Minority Health Grant Program Coordinated Services and Access to Research for Women, Infants, Children, and Youth Centers of Excellence	93.137 93.153 93.157		17,972 142,807 1,364	George Washington University Mazzoni Center Geisinger Commonwealth School Of Medicin	CPIMP191177 H12HA24852 D34HP310250	17,972 142,807 1,364	

93.157

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Geisinger Commonwealth School Of Medicin
The accompanying notes are an integral part of this schedule

	Assistance				Pass-Through Entity Sponsor		Passed to
Federal Program	Listing#	Direct	Pass-Through	Pass-through Entity	Number	Total Expenditures	Subrecipients
Geriatric Academic Career Awards Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance	93.250	72,235				72,235	
financed in part by the Prevention and Public Health Fund (PPHF)	93.732	341,141				341,141	
Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance financed in part by the Prevention and Public Health Fund (PPHF)	00.700	244.620				244.020	
Grants for Primary Care Training and Enhancement	93.732 93.884	244,620 468,865				244,620 468,865	36,801
Grants for Primary Care Training and Enhancement	93.884	(1,341)				(1,341)	
Grants for Primary Care Training and Enhancement Special Projects of National Significance	93.884 93.928	313,157	(968)	The Pennsulvania State University	H97HA28893	313,157 (968)	2,700
Primary Care Medicine and Dentistry Clinician Educator Career Development Awards Program	93.976	222.338	[360]	The Fennsylvania State University	H37HA20033	222,338	
Total Health Resources and Services Administration		1,838,188	174,848			2,013,036	39,501
A							
Assistant Secretary for Preparedness and Response Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities	93.817			Commonwealth of Pennsylvania	SAP 4100070353		
Total Assistant Secretary for Preparedness and Response							
Centers for Medicare and Medicaid Services Accountable Health Communities	93.650		18.468	Camden Coalition of Healthcare Providers	P1CMS331574	18.468	
Total Centers for Medicare and Medicaid Services	33.000	-	18,468	Carrideri Coalition or realtricare Providers	F ILM033074	18,468	
		* 70.000.000	± 40.7F0.740				40.000.000
Total Department of Health and Human Services		\$ 79,838,233	\$ 10,753,748			\$ 90,591,981 \$	10,080,632
DEPARTMENT OF DEFENSE							
Basic and Applied Scientific Research	12.300	(8,833)				(8,833)	
Naval Medical Research and Development	12.340 12.420	40,358				40,358	
Military Medical Research and Development Military Medical Research and Development	12.420	(0) 151,577				(0) 151,577	80,030
Military Medical Research and Development	12.420	878				878	00,000
Military Medical Research and Development	12.420	337,654				337,654	
Military Medical Research and Development Military Medical Research and Development	12.420 12.420	345,737 204,924				345,737 204,924	
Military Medical Research and Development Military Medical Research and Development	12.420	214,453				214,453	
Military Medical Research and Development	12.420	64,933				64,933	
Military Medical Research and Development	12.420	98,704				98,704	17,024
Military Medical Research and Development	12.420 12.420	590,295 324,705				590,295 324,705	(73,350) 10,017
Military Medical Research and Development Military Medical Research and Development	12.420	324,705 140,926				324,705 140,926	60,109
Military Medical Research and Development	12.420	132,715				132,715	00,100
Military Medical Research and Development	12.420	343,233				343,233	151,806
Military Medical Research and Development	12.420	371,101				371,101	18,167
Military Medical Research and Development Military Medical Research and Development	12.420 12.420	128,785 146,897				128,785 146,897	42,000
Military Medical Research and Development	12.420	111.555				111,555	14,727
Military Medical Research and Development	12.420	145,265				145,265	26,219
Military Medical Research and Development	12.420	89,987				89,987	
Military Medical Research and Development Military Medical Research and Development	12.420 12.420	80,029 156,386				80,029 156,386	
Military Medical Research and Development	12.420	79,456				79,456	
Military Medical Research and Development	12.420	167,841				167,841	
Military Medical Research and Development	12.420	72,694				72,694	10,196
Military Medical Research and Development Military Medical Research and Development	12.420 12.420	122,741	48.600	University Of Oklahoma Health Sciences C	W81XWH19103576	122,741 48,600	
Military Medical Research and Development	12.420		26,713	Columbia University	W81XWH2010887	26,713	
Military Medical Research and Development	12.420		22,381	H. Lee Moffitt CA Cent and Res. Inst.	W81XWH2010351	22,381	
Military Medical Research and Development	12.420		29,743	University Of Oklahoma Health Sciences C	W81XWH2010554	29,743	
Military Medical Research and Development Military Medical Research and Development	12.420 12.420		25,678 20.174	University Of Maryland Temple University	W81XWH2010432 W81XWH2110637	25,678 20,174	
Military Medical Research and Development	12.420		16,855	University Of Oklahoma Health Sciences C	W81XWH2110003	16,855	
Military Medical Research and Development	12.420		5,089	University Of Minnesota	W81XWH2110589	5,089	
Military Medical Research and Development	12.420		8,140	Drexel University	W81XWH2010349	8,140	
Military Medical Research and Development Military Medical Research and Development	12.420 12.420	18,374	2,622	University of Miami Christopher Reeve Paralysis Foundation	W81XWH-16-1-0756 W81XWH-16-C-0031	2,622 18,374	
Military Medical Research and Development Military Medical Research and Development	12.420	10,374	2,269	Oregon Health And Science University	W81XWH1610748	2,269	
Military Medical Research and Development	12.U01		27	Lockheed Martin Corporation	FA8750-18-C-0026	27	
Total Department of Defense		4,673,368	208,291			4,881,659	356,945

DEPARTMENT OF ENERGY Federal Program	Assistance Listing#	Direct Pas	ss-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Conservation Research and Development Total Department of Energy	81.086	176,464 176,464	-			176,464 176,464	29,142 29,142
DEPARTMENT OF AGRICULTURE Agriculture and Food Research Initiative (AFRI)	10.310	7,779				7,779	
Total Department of Agriculture		7,779	-			7,779	
DEPARTMENT OF TRANSPORTATION Highway Research and Development Program	20.200			Virginia Polytechnic Institute	418503-19406		
Total Department of Transportation						-	-
National Science Foundation Mathematical and Physical Sciences-RD - National Science Foundation - own cluster	47.049		17,145	Rensselaer Polytechnic Institute	2037357	17,145	
Total National Science Foundation			17,145			17,145	
National Endowment for the Humanities Promotion of the Humanities Teaching and Learning Resources and Curriculum Development	45.162		10,000	Teagle Foundation	AH-274009-20	10,000	
Total National Endowment for the Humanities			10,000			10,000	
TOTAL RESEARCH AND DEVELOPMENT CLUSTER		\$ 84,695,844 \$	10,989,184			\$ 95,685,028	\$ 10,466,720
WIDA Cluster							
DEPARTMENT OF LABOR WICA Adult Program WICA Dislocated Worker National Reserve Demonstration Grants Total Department of Labor	17.258 17.280	-	(0) 3,430 3,430	Philadelphia Works Inc. Philadelphia Works Inc.	TF18-115 PW19-066	(0) 3,430 3,430	
TOTAL WIOA CLUSTER		s - s	3,430			\$ 3,430	
SNAP Cluster							
DEPARTMENT OF AGRICULTURE State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561	-	3,287,621	The Pennsylvania State University	S002381-COP-FUN	3,287,621	
Total Department of Agriculture			3,287,621			3,287,621	-
TOTAL SNAP CLUSTER		s - s	3,287,621			\$ 3,287,621	
Economic Development Cluster							
DEPARTMENT OF COMMERCE Economic Adjustment Assistance	11.307		1,866	Southern Regional Education Board	01-69-15092	1,866	
Total Department of Commerce			1,866			1,866	-
TOTAL ECONOMIC DEVELOPMENT CLUSTER		\$ - \$	1,866			\$ 1,866	-
477 Cluster							
Administration for Children and Families Temporary Assistance for Needy Families	93.558	-	[266]	Philadelphia Works, Inc.	NA .	(266)	
Total Administration for Children and Families		-	[266]	•		(266)	
TOTAL 477 CLUSTER		\$ - \$	(266)			\$ (266)	.

Federal Program	Assistance Listing #	Direct	Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Other Sponsored Programs							
DEPARTMENT OF THE INTERIOR National Wildlife Refuge System Enhancements	15.654		6,076	National Audubon Society	F16AC01051	6,076	
Total Department of the Interior			6,076			6,076	
AGENCY FOR INTERNATIONAL DEVELOPMENT USAID Foreign Assistance for Programs Overseas	98.001			Eastern Virginia Medical School-Conrad	NA		
Total Agency of International Development			-			-	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Exploration	43.003	84,901				84,901	17,816
Total National Aeronautics and Space Administration		84,901				84,901	17,816
DEPARTMENT OF HEALTH AND HUMAN SERVICES							
Administration on Aging Medicare Enrollment Assistance Program Total Assistance Listing 93.071	93.071		10,353 10,353	Philadelphia Corporation for Aging	9-0495-02	10,353 10,353	
State Health Insurance Assistance Program State Health Insurance Assistance Program Total Assistance Listing 93.324	93.324 93.324		33,743 19,105 52,848	Philadelphia Corporation for Aging Philadelphia Corporation for Aging	9-0495-00 1-0495-15	33,743 19,105 52,848	
Total Administration on Aging		-	63,201			63,201	-
Assistant Secretary for Preparedness and Response COVID-19 - National Bioterrorism Hospital Preparedness Program Total Assistant Secretary for Preparedness and Response	93.889		246,366 246,366	Pennsylvania Department Of Health	N/A	246,366 246,366	
Substance Abuse and Mental Health Services Administration Substance Abuse and Mental Health Services Projects of Regional and National Significance Substance Abuse and Mental Health Services Projects of Regional and National Significance Substance Abuse and Mental Health Services Projects of Regional and National Significance Substance Abuse and Mental Health Services Projects of Regional and National Significance Substance Abuse and Mental Health Services Projects of Regional and National Significance Substance Abuse and Mental Health Services Projects of Regional and National Significance Substance Abuse and Mental Health Services Projects of Regional and National Significance Total Assistance Listing 93.243	93.243 93.243 93.243 93.243 93.243 93.243 93.243	418,679 75,982 494,661	7,458 291,090 4,165 167,797 59,688 530,197	Commonwealth Of Pennsylvania Department of Human Serv Penn Dept. of Health and Human Services Project H.D.M.E., Ltd. Penn Dept. of Health and Human Services PA DHS-OMHSAS	ii. SM58386 H79SM082107 H79T1081611 H79SM083371 NA	418,679 7,458 291,090 4,165 167,797 75,982 59,688 1,024,858	
Opicid STR Opicid STR Total Assistance Listing 93.788	93.788 93.788	109,741 227,529 337,270	-			109,741 227,529 337,270	
Block Grants for Community Mental Health Services Total Assistance Listing 93.958	93.958		271,502 271,502	Philadelphia Department of Behavioral Health and Intellectua	al 21-20250-01	271,502 271,502	·
Total Substance Abuse and Mental Health Services Administration		831,931	801,699			1,633,630	-
Centers for Disease Control and Prevention Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke-Financed in part by 2018 Prevention and Public Health Funds Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke-Financed in part by 2018 Prevention and Public Health Funds Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke-Financed in part by 2018 Prevention and Public Health Funds Total Assistance Listing 93.435	93.435 93.435 93.435		58,364 48,963 81,402 188,728	Commonwealth of Pennsylvania Department of Health City Of Philadelphia - DOPH City Of Philadelphia - DOPH	NJ38DT000286 1920560-03 1920560-03	58,364 48,963 81,402 188,728	
Surveillance for Diseases Among Immigrants and Refugees financed in part by Prevention and Public Health Funds (PPHF) Surveillance for Diseases Among Immigrants and Refugees financed in part by Prevention and Public Health Funds (PPHF) Total Assistance Listing 93.755	93.755 93.755		7,513 10,821 18,334	Colorado Department Of Public Health Colorado Department Of Public Health	NU50CK000475 NU50CK000475	7,513 10,821 18,334	

Federal Program	Assistance Listing #	Direct Pass-Through	Pass-through Entity	Pass-Through Entity Sponsor Number	Total Expenditures	Passed to Subrecipients
Preventive Health and Health Services Block Grant funded solely with Prevention and Public Health Funds (PPHF) Total Assistance Listing 93.758	93.758	6,046 - 6,046	Healthcare Improvement Foundation	SAP 4100053824	6,046 6,046	-
Emerging Infections Sentinel Networks Total Assistance Listing 93.860	93.860	317,860 - 317,860	University Of California, Los Angeles	U01CK000480	317,860 317,860	-
Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations Total Assistance Listing 93.898	93.898	6,383 -			6,383 6,383	
Total Centers for Disease Control and Prevention		6,383 530,969			537,352	-
Health Resources and Services Administration Ending the HIV Epidemic: A Plan for America Total Assistance Listing 93.686	93.686 93.686 93.686 93.686	121,884 46,215 137,911 31,652 - 337,662	AACO AACO City of Philadelphia City of Philadelphia	EH1006 EH2006 UT8HA33955-01-00 UT8HA33955-01-00	121,884 46,215 137,911 31,652 337,662	<u> </u>
HIV Emergency Relief Project Grants	93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914	98.319 33.008 40.362 15.010 35.201 17.464 164.693 50.997	AACO AACO AACO AACO AACO AACO AACO AACO	RS1654 RS2654 RS1874 RS2874 RW1417 RW2417 RW1925 RW2925	98,319 33,008 40,362 16,010 35,201 17,464 164,633 50,997	
HIV Emergency Relief Project Grants	93.914 93.914 93.914 93.914 93.914 93.914 93.914 93.914	35,401 11,951 172,966 5,592 53,458 19,121	City of Philadelphia City of Philadelphia City of Philadelphia City of Philadelphia City of Philadelphia City of Philadelphia	RS1583 RS2583 RW1336 RW1336 RW1399 RW1399	35,401 11,951 172,966 5,592 53,458 19,121	
HIV Emergency Relief Project Grants	93, 914 93, 914 93, 914 93, 914 93, 914 93, 914 93, 914	11,442 271,112 124,453 4.998	City of Philadelphia City of Philadelphia City of Philadelphia City of Philadelphia	RW1582 RW1582 RW2582	11,442 271,112 124,453 - - 4,998	
HIV Emergency Relief Project Grants HIV Emergency Relief Project Grants Total Assistance Listing 93.914	93.914 93.914	90,091 34,490 - 1,291,129	City of Philadelphia City of Philadelphia	RW1584 RW2584	90,091 34,490 1,291,129	
HIV-Pelated Training and Technical Assistance Total Assistance Listing 93.145	93.145 93.145 93.145 93.145 93.145	35,970 215,455 24,291 1,252 1,896 - 278,865	Columbia University Columbia University Columbia University Columbia University Health Research, Incorporated	U10HA29291 U10HA29291 U10HA29291 H1LHA37344 U28HA376440100	35,970 215,455 24,291 1,252 1,896 278,865	<u> </u>
Maternal, Infant and Early Childhood Home Visiting Grant Program Total Assistance Listing 93.870	93.870	129,776 - 129,776	Maternal Infant & Early Childhood Home Visiting	4100070325	129,776 129,776	
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease Total Assistance Listing 93.918	93.918 93.918	8,757 415,065 423,822 0			8,757 415,065 423,822	
Healthy Start Initiative Total Assistance Listing 93.926	93.926	1,026,909 1,026,909 0			1,026,909 1,026,909	-

	Assistance			Pass-Through Entity Sponsor		Passed to
Federal Program HIV Prevention Activities Health Department Based	Listing #	Direct Pass-Through 93.213	Pass-through Entity AACO	Number CP2049	Total Expenditures 93,213	Subrecipients
HIV Prevention Activities Health Department Based	93.940	485	City of Philadelphia	INU62PS924636	485	
Total Assistance Listing 93.940		- 93,698			93,698	
Maternal and Child Health Services Block Grant to the States Total Assistance Listing 93.994	93.994	- 77,053 - 77,053	Commonwealth of Pennsylvania	4100088247	77,053 77,053	
Total Health Resources and Services Administration		1,450,731 2,208,182			3,658,913	-
Substance Abuse and Mental Health Services Administration						
Block Grants for Prevention and Treatment of Substance Abuse Block Grants for Prevention and Treatment of Substance Abuse	93.959 93.959	5,553 613	City of Philadelphia City of Philadelphia	21-20038 21-20038	5,553 613	
Block Grants for Prevention and Treatment of Substance Abuse	93.959	21,128	City of Philadelphia	21-20037	21,128	
Block Grants for Prevention and Treatment of Substance Abuse Block Grants for Prevention and Treatment of Substance Abuse	93.959 93.959	633 127,812	City of Philadelphia PA Dept. of Drug and Alcohol Programs	21-20037 1B08T1083542	633 127,812	
Block Grants for Prevention and Treatment of Substance Abuse Block Grants for Prevention and Treatment of Substance Abuse	93.959 93.959	113,872 292	Philadelphia Department of Behavioral Health and Intellectual PA Dept. of Drug and Alcohol Programs	al 21-20250-01 1B08T1083542	113,872 292	
Total Substance Abuse and Mental Health Services Administration	00.000	292 - 269,904			292 269,904	
Office of Population Affairs Family Planning Services	93.217	23.557	AccessMatters	100-401	23.557	
Family Planning Services	93.217	31,728	AccessMatters	100-401	31,728	
Total Office of Population Services		55,285 -			55,285	
Total Department of Health and Human Services		\$ 2,344,330 \$ 4,120,321			\$ 6,464,651	-
Coronavirus Relief Fund COMD-19 - Coronavirus Relief Fund	21.019	(4,870)	Penn Dept. of Health and Human Services	4100086662	(4,870)	(875,711)
COVID-19 - Coronavirus Relief Fund COVID-19 - Coronavirus Relief Fund	21.019 21.019	117,198 583,158	Penn Dept. of Health and Human Services Penn Dept. of Health and Human Services	4100086662 4100086662	117,198 583,158	63,206 62,233
COVID-19 - Coronavirus Relief Fund	21.019	366,735	Penn Dept. of Health and Human Services	4100086662	366,735	62,233
COVID-19 - Camden County Hospital Grant (round1) Total Coronavirus Relief Fund	21.019	326,408 326,408 1,062,221			326,408 1,388,629	(750,272)
COVID 19- Federal Communications Commission	32.006	(20.821)			(20,821)	
Total Federal Communications Commission		(20,821) -			(20,821)	-
CDVID-19 Immunization Cooperative Agreements CDVID-19 Immunization Cooperative Agreements	93.268 93.268	1,240,338 732,105	PMHCC PMHCC	NH23IP922583/NU50CK00052 NH23IP922583/NU50CK00052	1,240,338 732,105	
Total Assistance Listing 93.268	33.268	- 1,972,443	PMHCC	NH23IF322383INU3UUNUUU32	1,972,443	
COVID 19- Emergency Grants to Address Mental and Substance Use Disorders During COVID-19	93.665	158,301	Center for Community Resources	H79FG000486	158,301	
Total Assistance Listing 93.665		- 158,301			158,301	-
Provider Relief Fund						
COVID-19 - General Distribution - True Up Phase 2 COVID-19 - General Distribution - Phase 3	93.498 93.498	1,733,138 17,540,119			1,733,138 17,540,119	
COVID-19 - Targeted Relief - High Impact Area	93.498	122,365,428			122,365,428	
COVID-19 - Targeted Relief - Funding to SNF COVID-19 -JV - PRF	93.498 93.498	285,500 4,587,870			285,500 4,587,870	
COVID-19-EHN - PRF Total Provider Relief Fund	93.498	135,010,065 281,522,119.90 -			135,010,065 281,522,120	
COVID-19 -General Distribution - Uninsured Patients w/ COVID Total Assistance Listing 93.461	93.461	1,129,212 1,129,212,20 -			1,129,212 1,129,212	
i viai noolotainee Listing 55.401		1, 163,616.60			1, 163,212	
COVID-19 Disaster Grants - Public Assistance (Presidentially Declared Disasters)	97.036	16,478,239			16,478,239	
Total Assistance Listing 97.036		16,478,239.14 -			16,478,239	
TOTAL OTHER SPONSORED PROGRAMS		\$ 301,864,388 \$ 7,319,364			\$ 309,183,752	(732,456)
TOTAL FEDERAL AWARD EXPENDITURES		\$ 528,606,888 \$ 21,602,485			\$ 550,209,373	9,734,263
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1. Reporting Entity

Thomas Jefferson University ("Jefferson" or the "University") is an independent, non-profit corporation organized under the laws of the Commonwealth of Pennsylvania and recognized as a tax-exempt organization pursuant to Section 501(c)(3) of the Internal Revenue Code. The University has a tripartite mission of education, research, and patient care.

The University conducts research and offers undergraduate and graduate instruction through the Sidney Kimmel Medical College, the Jefferson College of Nursing, the Jefferson College of Pharmacy, the Jefferson College of Health Professions, the Jefferson College of Population Health, the Jefferson College of Biomedical Sciences, and the Kanbar College of Design, Engineering and Commerce, the School of Continuing and Professional Studies, the College of Architecture and the Built Environment, and the College of Science, Health, and Liberal Arts. The combined institution has approximately 6,800 students and is located in Philadelphia, Pennsylvania, with additional campus locations in the Greater Philadelphia Region and Atlantic City, New Jersey.

For the year ended June 30, 2022, the integrated healthcare organization included TJUH System ("TJUHS"), Abington Health ("Abington"), Jefferson Health Northeast System ("JHNES"), Kennedy Health System ("Kennedy"), Magee Rehabilitation Hospital ("Magee"), and Albert Einstein Health Network ("AEHN"). The integrated healthcare organization provides inpatient, outpatient, and emergency care services through acute care, ambulatory care, rehabilitation care, physician and other primary care services for residents of the Greater Philadelphia Region. Federal Identification Numbers for reporting entities included in this report are 23-1352651 for TJU, 23-2829095 for Thomas Jefferson University Hospital, 23-1352152 for Abington Memorial Hospital, 23-0596940 for Aria Health System, 22-1773439 for Kennedy University Hospital, Inc., and 23-1396794 for Albert Einstein Medical Center.

2. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (the "Schedule") presents a summary of certain activities of the University for the year ended June 30, 2022. Negative amounts represent current year adjustments of amounts reported in prior years. Assistance listing and pass-through entity numbers are included when available. The information in the schedule is presented in accordance with the Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (the "Uniform Guidance"). Therefore, some amounts presented in the schedule may differ from amounts presented in, or used in the preparation of, the basic consolidated financial statements of the University.

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

3. Summary of Significant Accounting Policies

Expenditures reported in the Schedule are reported on the accrual basis of accounting. Expenditures include a portion of costs associated with general university activities which are

allocated to awards under negotiated formulas commonly referred to as facilities and administrative cost rates.

Expenditures for certain non-student financial aid awards include indirect costs. The University generally applies its predetermined approved facilities and administrative rate when charging indirect costs to federal awards rather than the 10% de minimis cost rate as described in Section 200.414 of the Uniform Guidance.

Expenditures for federal student financial aid programs are recognized as incurred and include Federal Pell program grants to students, the federal share of students' FSEOG program grants, Federal Work-Study 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 of the University are determined using the cost accounting principles and procedures set forth in the Uniform Guidance. Under these cost principles, certain expenditures are not allowable or are limited as to reimbursement.

4. Student Loan Programs

The Federal student loan programs listed below are administered directly by the University and balances and transactions relating to these programs are included in the University's consolidated financial statements. Loans outstanding at the beginning of the year, the administrative cost allowance and loans made during the year are included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2022 consists of:

	Assistance Listing #	Loa	an Balance
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students	93.342	\$	900,196
Nursing Student Loans Perkins Loan Programs	93.364 84.038		2,622,049 2,303,152

5. Federal Direct Loan Program (FDLP)

During the fiscal year ended June 30, 2022 the University processed new loans to students under the Direct Student Loan Program assistance listing # 84.268, which includes subsidized and unsubsidized Stafford Loans and Supplemental Loans for Students. The University is responsible only for the performance of certain administrative duties with respect to the FDLP and, accordingly, these loans are not included in the University's basic consolidated financial statements. Loans made during the year are included in the federal expenditures presented in the Schedule. It is not practical to determine the balance of loans outstanding under these programs at June 30, 2022.

Thomas Jefferson University Notes to Schedule of Expenditures of Federal Awards June 30, 2022

6. Provider Relief Funds

The Schedule includes grant activity related to the Department of Health and Human Services ("HHS") Coronavirus Aid Relief and Economic Security (CARES) Act Assistance Listing Number 93.498. As required based on guidance in the 2022 OMB Compliance Supplement, the Schedule includes all Period 2 and 3 funds received between July 1, 2020 and June 30, 2021, and expended by June 30, 2022 as reported to HRSA via the PRF Reporting Portal. The Schedule thus includes \$116.8M of direct expenditures and \$164.7M in lost revenue.

7. Federal Emergency Management Agency ("FEMA")

As of June 30, 2022, the University received approval for \$16.5M of claims submitted to FEMA during 2022 under Assistance Listing Number 97.036. The claims submitted represented incurred expenses attributed to the University's response to COVID-19. The fiscal year 2022 Schedule of Expenditures of Federal Awards includes expenses of \$16.5M which were incurred in a prior year.

II. Reports on Internal Controls and Compliance



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

To the Board of Trustees Thomas Jefferson 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 Thomas Jefferson University and its subsidiaries (the "University"), which comprise the consolidated balance sheets as of June 30, 2022, and the related consolidated statements of operations and changes in net assets without donor restrictions, of changes in net assets and of cash flows for the year then ended, including the related notes (collectively referred to as the "consolidated financial statements"), and have issued our report thereon dated October 18, 2022, except with respect to the opinion on the schedule of financial responsibility ratios, as to which the date is March 31, 2023.

Report on Internal Control Over Financial Reporting

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

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

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

Report on Compliance and Other Matters

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

Purpose of this Report



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

Philadelphia, Pennsylvania

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October 18, 2022, except with respect to the opinion on the schedule of financial responsibility ratios, as to which the date is March 31, 2023



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

To the Board of Trustees Thomas Jefferson University:

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Thomas Jefferson University's (the "University") compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2022. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2022.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (US GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

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

Responsibilities of Management for Compliance

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

Auditors' Responsibilities for the Audit of Compliance

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



or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the University's compliance with the requirements of each major federal program as a whole.

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

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the University's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the University's internal control over compliance relevant to the audit in
 order to design audit procedures that are appropriate in the circumstances and to test and report on
 internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of
 expressing an opinion on the effectiveness of the University's internal control over compliance.
 Accordingly, no such opinion is expressed.

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

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 10 "Gramm-Leach-Bliley Act-Student Information Security." This section includes three suggested audit procedures with respect to verification that the institution (1) designated an employee or employees to coordinate the information security program, (2) performed a risk assessment that addresses the three required areas in 16 CFR 314.4(b), and (3) documented a safeguard for each risk identified. Our procedures in relation to these three items were limited to inquiry of and obtaining written representation from management and obtaining and reading management's documentation related to these three items. Our procedures did not include an analysis of the adequacy or completeness of the risk assessment performed or the safeguards for each risk identified by management.

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 items 2022-001, 2022-002, and 2022-003. Our opinion on each major federal program is not modified with respect to these matters.

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the noncompliance findings identified in our audit described in the accompanying schedule of findings and questioned costs. 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 requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

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

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

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

Philadelphia, Pennsylvania

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March 31, 2023



I – Summary of Auditor's Results

Financial Statements

Type of auditor's report issued: <u>Unmodified</u>

Internal control over financial reporting:

•	Material weakness(es) identified?	yes	<u>X</u> no
•	Significant deficiency(ies) identified that are not	yes	X none reported
	considered to be material weaknesses?		
•	Non-compliance material to financial statements noted?	yes	X no

Federal Awards

Internal control over major programs:

•	Material weakness(es) identified?	yes	X no
•	Significant deficiency(ies) identified that are not considered to be material weaknesses?	yes	X none reported

Type of auditor's report issued on compliance for major programs: <u>Unmodified</u>

Any audit findings disclosed that are required to be reported	<u>X</u> yes	no
in accordance with 2 CFR 200.516 (a)?		

Identification of major programs assistance listing number(s):	Name of Federal and City Prog	gram or Cluster		
93.498 84.425C	COVID-19Provider Relief Funds (PRF) COVID-19Governor's Emergency Education Relief Fund			
84.425E 84.425F Various 93.461	COVID-19 Education Stabilization Fund (HEERF) COVID-19 Education Stabilization Fund (HEERF) Student Financial Assistance Cluster COVID-19 HRSA Claims Reimbursement for the Uninsured Program and the Covid-19 Coverage Assistance Fund			
97.036 Dollar threshold used to distinguish between	COVID-19 Disaster Grants – Public Assistance (Presidentially Declared Disasters			
type A and type B programs:	\$3,000,000			
Auditee qualified as low-risk auditee?	yes	<u>X</u> no		

Section II – Financial Statement Findings

There are no matters to report.

Section III - Federal Award Findings and Questioned Costs

Finding 2022-001 Reporting

Grantor(s): Department of Education **Program**: Federal Perkins Loan

Assistance Listing#: 84.038; Student Financial Aid Cluster Title: Federal Perkins Loans; Student Financial Aid Cluster

Award Year: 7/2021 – 6/2022

Award #: N/A

Pass-through Number: N/A

Criteria

Per the 2022 OMB Compliance Supplement, an institution is required to maintain program and fiscal records for all transactions that occurred after the most recent Fiscal Operations Report and Application to Participate (FISAP) was filed. As part of its procedures, the program should ensure that overall cashon-hand or excess cash amounts are reconciled.

Condition

Through testing the Student Financial Assistance cluster in the 2022 Uniform Guidance audit, we noted that there were two line-items on the FISAP that did not agree to supporting documentation with reportable differences larger than \$25,000. Within the Federal Perkins Loan section, field item 1.1 "Cash on hand and in depository as of 6/30/2022" was understated by \$378,201, while field item 1.2 "Cash on hand and in depository as of 10/31/2022" was overstated by \$113,754.

Cause

The cause of this finding was due to insufficient review of the FISAP prior to submission.

Effect

The FISAP was submitted with two fields in the Federal Perkins Loan section that were misstated.

Questioned Costs

None.

Recommendation

Management should enhance the control in place to review each line item and ensure agreement to underlying support on the FISAP prior to submission.

Management's View and Corrective Action Plan

Management's response is included in "Management's Views and Corrective Action Plan" included in this report.

Finding 2022-002 Special Tests and Provisions – Disbursements to or on behalf of students

Grantor(s): Department of Education **Program**: Student Financial Aid Cluster **Assistance Listing#(s):** Various **Title:** Student Financial Aid Cluster **Award Year:** 7/2021 – 6/2022

Award #: N/A

Pass-through number: N/A

Criteria

Per the 2022 OMB Compliance Supplement, where disbursements created a credit balance in the student account and the student or parent did not provide an authorization for the institution to retain funds, the institution is required to provide the credit balance to the student within 14 days of the date the balance was created.

Condition

Through testing disbursements to or on behalf of students enrolled at the East Falls campus, it was noted that 1 student of a sample of 25 had a credit balance that was not refunded within the required 14-day period. For this particular student, the credit balance was created on 10/18/2021 and refunded to the student on 11/15/2021, which is 28 days later.

Cause

The cause of the finding is due to a lapse in control operation to ensure that the student was refunded in a timely manner.

Effect

The student received their refund later than the deadline required by the regulations.

Questioned Costs

None.

Recommendation

Management should enhance the control in place to ensure that when credit balances are created in student accounts that funds are returned to the student within the 14-day window. Management should consider implementing controls to notify them when there is a credit balance, or consider automating the process for refunds.

Management's View and Corrective Action Plan

Management's response is included in "Management's Views and Corrective Action Plan" included in this report.

Finding 2022-003 Enrollment Reporting

Grantor(s): Department of Education **Program:** Student Financial Aid Cluster **Assistance Listing#(s):** Various **Title:** Student Financial Aid Cluster **Award Year:** 7/2021 – 6/2022

Award #: N/A

Pass-through Number: N/A

Criteria

Per the 2022 OMB Compliance Supplement, institutions are required to certify enrollment, including changes in students' enrollment status, at a minimum of every 60 days. Institutions are responsible for timely reporting, whether they report directly or via a third-party servicer.

Condition

Through testing a sample of 25 students for enrollment reporting of Pell and Direct Loans, we noted 3 students were reported to the NSLDS outside of the required 60-day window. Each of these 3 students were reported 66 days after their status change.

Additionally, for 3 other students in our sample of 25, there was no evidence to support their "graduated" status or date of the status change within the NSLDS.

Cause

The cause of the delay in reporting to the NSLDS for the first 3 students mentioned above is due to timing with graduation and resource constraints at the University.

For the second 3 students, the cause was due to the fact that these students had multiple status changes in a small period of time. The students were "full-time" until 12/31/2021 when they graduated the undergraduate program, then began the graduate program as full-time students in February 2022. The quick change in status was the cause of the NSLDS enrollment status not being supported for these students.

Effect

NSLDS was not updated timely for the first 3 students mentioned above. For the second 3 students, their enrollment status could potentially be inaccurate in the NSLDS system if their graduation was not processed.

Questioned Costs

None.

Recommendation

Management should enhance their resources within the office of the registrar to be able to accommodate status changes during the graduation period and ensure timely status change submission to the NSLDS.

Management's View and Corrective Action Plan

Management's response is included in "Management's Views and Corrective Action Plan" included in this report.

Thomas Jefferson University Federal Awards Summary Schedule of Prior Audit Findings June 30, 2022

Section III - Status of Prior Year Findings

Finding 2021-001 Reporting

Grantor(s): Department of Homeland Security (DHS)

Program: Disaster Grants – Public Assistance (Presidentially Declared Disasters)

Assistance Listing#(s): 97.036

Title: Disaster Grants – Public Assistance (Presidentially Declared Disasters)

Award Year: 7/2020 – 6/2021 Pass-through Number: N/A

Criteria

Per the Federal Emergency Management Agency's ("FEMA") Public Assistance Program, nonfederal entities must record expenditures on the Schedule of Expenditures of Federal Awards (SEFA) when (1) FEMA has approved the nonfederal entity's project worksheet, and (2) the nonfederal entity has incurred the eligible expenditures. Federal awards expended in years subsequent to the fiscal year in which the project worksheet is approved are to be recorded on the nonfederal entity's SEFA in those subsequent years.

Condition

Through testing this program during the 2022 Uniform Guidance audit, we noted that there were \$11.49 million of funds from this program that were not appropriately recorded in the 2021 SEFA. On the 2021 SEFA, management recorded only the \$2.17 million of reimbursement payments received from FEMA prior to June 30, 2021, but did not include the \$11.49 million of reimbursement requests that were approved by FEMA prior to June 30, 2021 but not yet paid as of June 30, 2021.

Status

The corrective action plan was successfully implemented. Prior and current fiscal year approved amounts related to this award are appropriately reflected in the June 30, 2021 and 2022 Schedule of Expenditure of Federal awards.

Management considers this finding to be closed.



Thomas Jefferson University Management View and Corrective Action Plan Year Ended June 30, 2022

2022-001: Reporting

Management's view and corrective action plan

Management concurs that FISAP for the Federal Perkins Loan program contained incorrect amounts for "Cash on hand and in depository" as of 6/30/22 and 10/31/22. The misstatements were due to clerical errors and insufficient review prior to submission. Management will implement an enhanced review process to validate all amounts reported on the FISAP prior to submission.

Implementation date: July 2023

2022-002: Special Tests and Provisions - Disbursements

Management's view and corrective action plan

Management concurs that one student within the audit sample of 25 did not have their credit balance refunded within the required 14-day period. Management will implement an enhanced weekly review process of student credit balances to ascertain that refunds are processed within the required 14-day period.

Implementation date: April 2023

Ronald Keller

Vice President for Finance & Controller



Thomas Jefferson University Management View and Corrective Action Plan Year Ended June 30, 2022

2022-003: Enrollment Reporting

Management's view and corrective action plan

Management concurs with the findings regarding the delay and insufficient graduation reporting to NSLDS. The University Registrar is aware of the 6-day delinquency in reporting for summer term due to the timing of the degree awards for the May graduates on the East Falls campus. Degree audits will be checked to ensure are awarded in a timely manner. We also will work with NSC to ensure all enrollment reporting schedules are updated in accordance with the academic calendar of the appropriate branch, limiting any issue with the 60-day certification date during our Summer term, as all other terms have been reported correctly. This will happen every semester on a 4–6 week basis, in tandem with enrollment report submissions. This will resolve the 60-day certification issue.

Academic Services makes every effort to report clean enrollments accurately and on time. However, we continue to find inconsistencies with the NSC transmissions to NSLDS and are aware of the need for additional oversight of the NSC process as well as the development of a process to audit NSC transmissions to NSLDS. This will also aid in the elimination of reporting errors between NSC and NSLDS, as in the case of the three graduation records.

The Office of Academic Services is working to identify resources to address the above action plans.

Implementation date: July 2023

Raelynn Cooler

Raelynn Cooter Vice Provost for Academic Infrastructure and Effectiveness

IV. Supplementary Information	
Schedule of Expenditures of Federal Awards Suppleme	entary Schedules

Thomas Jefferson University Federal Awards Schedule of Expenditures of Federal Awards Supplementary Schedules (Unaudited) Year Ended June 30, 2022

Schedule of Expenditures of Commonwealth of Pennsylvania Awards

	Assistance	Federal Funding	Accrued Federal Revenue at	Federal Revenue	Accrued Federal Revenue at
Award	Listing #	Received in FY	Beginning of FY	Recognized in FY	End of FY
Department of Health					
SAP# 4100079801		75,159	72,070	75,039	147,109
SAP# 4100090947		500,000	-	4,455	4,455
		75,159	72,070	75,039	147,109
Department of Human Sevices					
SM58386	93.243	-	98,674	7,458	106,132
H79SM082107	93.243	330,005	564,372	291,090	855,462
H79SM083371	93.243	265,796	55,098	167,797	222,895
		595,801	718,145	466,345	1,184,489
Covid-19 Student Surveillance					
A425C200013	93.243	-	127,500	1,287	128,787
		670,960	917,715	542,670	1,460,385

Thomas Jefferson University Federal Awards Schedule of Expenditures of Federal Awards Supplementary Schedules (Unaudited) Year Ended June 30, 2022

Schedule of Expenditures of State of New Jersey Awards

State of Grantor/Program	Contract Number	Grant Period	Total Expenditures
HIV/AIDS Care and Treatment 2022			
HIV/AIDS Care and Treatement -Mental Health	DHST20CTR022	07/01/19-06/30/20	15,853
HIV/AIDS Care and Treatement -Mental Health	DHST21CTR014	07/01/20-06/30/21	20,582
HIV/AIDS Care and Treatement -Mental Health	DHST22CTR023	07/01/21-12/31/21	585,065
HIV/AIDS Care and Treatement -Mental Health	DHST22HIV045	01/01/22-06/30/22	265,071
			886,570
Total State of New Jersey Department of Health and S	enior Services		886,570

Thomas Jefferson University
Federal Awards
Schedule of Expenditures of Federal Awards Supplementary Schedules
(Unaudited)
Year Ended June 30, 2022

General Information

The accompanying schedules of Program Expenditures and Revenue present the activities in all the state financial assistance programs of the Commonwealth of Pennsylvania and the State of New Jersey at the University. All financial assistance received directly from the state agencies are included on the schedule.

Basis of Presentation

The accompanying Schedules of Program Expenditures and Program Revenue have been prepared in the format set forth in the Commonwealth of Pennsylvania and the State of New Jersey Audit Guides. Revenues and expenditures are recognized using the accrual method of accounting.

Thomas Jefferson University Federal Awards Schedule of Financial Responsibility Ratios Year Ended June 30, 2022

Line	Reference	Financial Element Primary Reserve Ratio		,	Amount
	Expendable Net Assets: Consolidated Balance Sheets - Net assets without donor restrictions	Net assets without donor restrictions		\$	3,766,440
	Consolidated Balance Sheets - Net assets with donor restrictions	Net assets with donor restrictions		*	1,056,893
	N/A	Secured and unsecured related party receivable	-		
	N/A	Less: Unsecured related party receivables			-
	Consolidated Balance Sheets - Land, buildings and equipment, net	Property, plant, and equipment, net (includes construction in progress)	3,954,950		
	N/A	Less: Property, plant, and equipment- pre-implementation			-
	N/A	Less: Property, plant, and equipment- post-implementation with outstanding			-
	,	debt for original purchase			
	Consolidated Balance Sheets - Land, buildings and equipment, net (excluding	Less: Property, plant, and equipment- post-implementation without			3.500.516
	Construction in Process)	outstanding debt for original purchase			5,500,510
	Note 11 - Land, Buildings And Equipment in the Notes to the Consolidated	Less: Construction in Process			454,434
	Financial Statements	2000 00100 00101111100000			15 1, 15 1
	Consolidated Balance Sheets - Right-of-use assets	Lease right-of-use asset, net	350,412		
	N/A	Less: Lease right-of-use asset, pre-implementation	550,112		
	Consolidated Balance Sheets - Right-of-use assets	Less: Lease right-of-use asset, post-implementation			350,412
	Consolidated Balance Sheets - Goodwill	Less: Intangible assets			216,140
	Consolidated Balance Sheets - Accrued pension liability	Post-employment and retirement liabilities			401,111
			2 449 470		401,111
2, 33	Consolidated Balance Sheets - Long-term obligations	Long-term debt- for long term purposes	3,448,470		
	N/A	Long-term debt- for long term purposes pre-implementation			
	Consolidated Balance Sheets - Long-term obligations	Long-term debt- for long term purposes post-implementation			3,448,470
	N/A	Line of credit for construction in progress			-
		Lease right-of-use asset liability, net	401,871		
	Long-term operating lease obligations				
	N/A	Pre-implementation right-of-use asset liability			-
	Consolidated Balance Sheets - Current portion of operating lease obligations and	Post-implementation right-of-use asset liability			401,871
7, 40	Long-term operating lease obligations				
	N/A	Less: Annuities with donor restrictions			-
	Note 7 - Endowments in the Notes to the Consolidated Financial Statements	Less: Term endowments with donor restrictions			676,754
	N/A	Less: Life income funds with donor restrictions			-
	N/A	Less: Net assets with donor restrictions: restricted in perpetuity			-
		Total Expendable Net Assets:	-	Ś	3,876,529
	Restrictions - Return on investments, net of amounts classified as operating revenue, Reclassification of net assets, Distributions to noncontrolling interest, Loss on defeasance of debt N/A N/A N/A N/A	Less: Net investment loss Less: Change in the value of life income funds Less: Pension related changes other than net periodic costs Total Expenses and Losses Without Donor Restriction:	-	\$	- - - 8,464,325
	Modified Net Assets:	Equity Ratio			
45	Consolidated Balance Sheets - Net assets without donor restrictions	Net assets without donor restrictions		\$	3,766,440
46	Consolidated Balance Sheets - Net assets with donor restrictions	Net assets with donor restrictions			1,056,893
15	Consolidated Balance Sheets - Goodwill	Less: Intangible assets			216,140
	N/A	Less: Unsecured related party receivables			-
		Total Modified Net Assets:	•	\$	4,607,193
	Modified Assets:				
	Consolidated Balance Sheets - Total Assets	Total assets		\$ 1	1,656,048
	N/A	Less: Lease right-of-use asset, pre-implementation			-
	N/A	Less: Lease right-of-use liability, pre-implementation			-
15	Consolidated Balance Sheets - Goodwill	Less: Intangible assets			216,140
	N/A	Less: Unsecured related party receivables			
		Total Modified Assets:		\$ 1	1,439,908
	Change in Net Assets Without Donor Restrictions:				
	Consolidated Statements of Operations and Changes in Net Assets without Donor	Change in net assets without donor restrictions		\$	334,750
	Restrictions - Increase in net assets without donor restriction	Total Change in Net Assets Without Donor Restrictions:	-	\$	334,750
1, 75, 7, 78	Revenues and Gains Without Donor Restriction: Consolidated Statements of Operations and Changes in Net Assets without Donor Restrictions - Total revenue, gains, and other support, Contribution received in Einstein acquisition, Gain on investment in HPP acquisition, Interest rate hedges, Net assets released from restrictions used for purchase of property and	Total operating revenue and other additions (gains)		\$	8,799,075
	equipment, Decrease in pension liability	Total Revenues and Gains Without Donor Restrictions:	-	\$	8,799,075

Thomas Jefferson University Federal Awards Schedule of Financial Responsibility Ratios Year Ended June 30, 2022

Consolidated Balance Sheet		Co	nsolidated Statement of Operations and Changes in No Without Donor Restriction	et Assets
ine				
Assets			Operating revenues, gains and other support:	
Current assets:		49	Net patient service revenue	\$5,603,560
1 Cash and cash equivalents	\$403,988	50	Insurance premium revenue	1,155,962
2 Short-term investments	1,350,713	51	Grants and contracts	161,201
3 Accounts receivable	761,073	52	Tuition and fees, net	216,454
4 Insurance premium receivable	479,777	53	Investment income	88,573
5 Inventory	152,398	54	Contributions	4,499
6 Pledges receivable, current	25,654	55	Other revenue	497,719
7 Insurance recoverable, current	90,298	56	Government support for COVID-19	119,363
8 Assets whose use is limited, current	27,878	57	Net assets released from restrictions	67,154
9 Other current assets	76,274	58	Total operating revenues, gains and other support	7,914,485
Total current assets	3,368,053			
11 Long-term investments	2,725,639		Operating expenses:	
12 Assets whose use is limited, noncurrent	375,694	59	Salaries and wages	3,315,774
13 Assets held by affiliated foundations	42,703	60	Employee benefits	726,609
14 Pledges receivable, noncurrent 15 Goodwill	122,312 216,140	61 62	Insurance services medical expenses Supplies	862,277 1,222,440
16 Insurance recoverable, noncurrent	302,319	63	Purchased services	750,065
17 Loans receivable from students, net	19,885	64	Depreciation and amortization	328,303
18 Land, buildings and equipment, net	3,954,950	65	Interest	83,995
19 Right-of-use assets	350,412	66	Insurance	136,204
20 Other noncurrent assets	177,941	67	Utilities	73,982
21 Total assets	\$11,656,048	68	Other	540,675
Liabilities and Net Assets		69	Total operating expenses	8,040,324
Current liabilities:		70	Loss from operations	(125,839
Current portion of:				
22 Long-term obligations	\$92,281		Nonoperating items and other changes in net assets without donor restriction, net:	
23 Accrued professional liability claims	234,404	71	Return on investments, net of amounts classified as operating revenue	(374,349
24 Accrued workers' compensation claims	21,570	72	Contribution received in Einstein acquisition	490,770
25 Deferred revenues	30,381	73	Gain on investment in HPP acquisition	175,828
26 Advances	196,822	74	Interest rate hedges	16,844
27 Operating lease obligations	44,869	75	Reclassification of net assets	(2,117
		76	Net assets released from restrictions used for purchase of property and	2,318
28 Accounts payable and accrued expenses	618,416		equipment	
29 Medical costs payable	122,670	77		198,830
30 DHS insurance program payable	134,276	78	Distributions to noncontrolling interest	(11,727
31 Accrued payroll and related costs	462,999	79 80	Loss on defeasance of debt	(35,808 460,589
32 Total current liabilities	1,958,688	80	Increase in nonoperating items and other changes in net assets without donor restriction	400,365
33 Long-term obligations	3,356,189			
34 Accrued pension liability	401,111	81	Increase in net assets without donor restriction	\$334,750
35 Federal student loan advances	5,477	01		
36 Deferred revenues	15,347			
37 Accrued professional liability claims	616,458			
38 Accrued workers' compensation claims	24,781			
39 Interest rate hedges	18,211			
40 Operating lease obligations	357,002			
41 Other noncurrent liabilities	79,451			
42 Total liabilities	6,832,715			
Net assets:	0.85			
43 Net assets without donor restriction - Thomas Jefferson University				
Noncontrolling interest in joint ventures	12,958			
45 Total net assets without donor restriction	3,766,440			
46 Net assets with donor restriction 47 Total net assets	1,056,893 4,823,333			
1) I otal net assets	7,023,333			
48 Total liabilities and net assets	\$11,656,048			

Thomas Jefferson University Federal Awards Note to Schedule of Financial Responsibility Ratios Year Ended June 30, 2022

Basis of Presentation

The accompanying Schedule of Financial Responsibility Ratios (the "Supplemental Schedule") of Thomas Jefferson University (the "University") provides financial information required by the Department of Education to calculate the primary reserve ratio, equity ratio, net income ratio and the composite score as defined in Title 34 U.S. Code of Federal Regulations Part 668 Subpart L for the fiscal year-ended June 30, 2022. The financial information in the Supplemental Schedule has been prepared in accordance with accounting principles generally accepted in the United States of America consistent with the financial statements. The Supplemental Schedule is presented for purposes of additional analysis as required by the Department of Education and are not a required part of the financial statements.